

**From:** [alexandermoon756@gmail.com](mailto:alexandermoon756@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Clean fresh water is priceless. Sydney dies without this supply.  
**Date:** Wednesday, 16 December 2020 1:34:51 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Alexander Norman-Moon  
2080

**From:** [sm9x9x@gmail.com](mailto:sm9x9x@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Dendrobium Extension Project - Objection  
**Date:** Thursday, 10 December 2020 11:07:52 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Stephen Miller  
2230

**From:** [lenorshepherd@gmail.com](mailto:lenorshepherd@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Dendrobium Extension Project Objection  
**Date:** Thursday, 10 December 2020 2:55:55 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lenor Shepherd,  
2229

**From:** [cherylhughes05@hotmail.com](mailto:cherylhughes05@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Dendrobium Extension Project SSD 8194 (IPC) Objection  
**Date:** Tuesday, 15 December 2020 10:36:33 AM

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Dear Sir/Madam,

I register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost.

Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014.

Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs.

I object to the length of consent period South32 is seeking for this project.

Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made REDUNDANT well before its 28-year consent period expires.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cheryl Hughes ,  
2454

**From:** [joannediment@hotmail.com](mailto:joannediment@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** End coal mining  
**Date:** Thursday, 10 December 2020 10:11:06 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
{Joanne} {Diment},  
{postcode2224}

**From:** [katherineflick@yahoo.com.au](mailto:katherineflick@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** I wish to register my objection to South32's proposed Dendrobium Extension Project.  
**Date:** Tuesday, 15 December 2020 7:49:24 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Kate Flick,  
2486

**From:** [fern2@westnet.com.au](mailto:fern2@westnet.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Longwall coal mining - Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 8:46:18 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project under Wollongong's and Sydney's water catchment area.

This project should not be granted approval by the IPC as to do so would create significant negative impacts on Sydney Water's drinking water supply which includes the Blue mountains, Sydney and Wollongong areas, the damage it would cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment caused by underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension would directly contravene the purpose of this act.

The damage that this project would have on catchment ecology would push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal would have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Carol Kerstholt  
2500

**From:** [mckrod069@inet.net.au](mailto:mckrod069@inet.net.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** My objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:37:43 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly violate the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires as we endured last summer.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 5 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Rod McKellar,  
2500

**From:** [melissa.haswell@sydney.edu.au](mailto:melissa.haswell@sydney.edu.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** My Strong Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 9:37:52 PM

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Dear Independent Planning Commission,

As a Professor of Public and Environmental Health with 30 years of experience in community health education and research, I strongly oppose South32's proposed Dendrobium Extension Project as it risks one of the most precious health resources enjoyed by a very large number of Australians. The health of Sydney residents is directly tied to the health of the city's water catchment area.

There are numerous risks - and now realised impacts - from mining under the catchment. The data on subsidence, water loss, biodiversity and swamp loss, water quality degradation and greenhouse gas emissions provide full justification to say no to this unnecessary expansion.

Priceless and sacred Indigenous heritage is also at risk as the area where this mining is proposed holds a vast array of highly significant sites of critical importance of Aboriginal People of the Illawarra region. The loss of access and destruction of these sites adds to the heartache and deep loss experienced by the Traditional Custodians - and a diminishment of 65,000 years of visible history on this continent. No more.

For these reasons, I plead the Commission to make the right choice and **REJECT** the mine extension proposal. It is neither in the interest of current generations - and it is certainly not in the interest of future generations who will have to face increasingly severe water shortages without the benefit of the catchment we enjoy today.

Surely the only correct choice, given all the evidence presented to you in this assessment, is to protect future generations and **REJECT** the proposal.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Melissa Haswell  
4520

**From:** [wbudman@gmail.com](mailto:wbudman@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** New South Wales (NSW)  
**Date:** Thursday, 10 December 2020 12:55:38 PM

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Dear Sir/Madam,

I wish to register my support to South32's proposed Dendrobium Extension Project.

This project should be granted approval by the IPC due to the significant impacts it will have on employment and investment in the Illawarra

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Wayne Strudwick 2500

**From:** [cynthia7@tpg.com.au](mailto:cynthia7@tpg.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** No coal mines under water catchment  
**Date:** Thursday, 10 December 2020 8:57:52 PM

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Dear Sir/Madam,

Please consider the facts in brief. Coal use is on the way out, and its end cannot come soon enough if we are to have a habitable planet. Workers in coalmines need planned transfers to more sustainable jobs as soon as possible, not deceitful promises of security with the coal industry. Coal mining uses enormous amounts of water, and we live on the driest continent on the planet. Sydney has in recent years run dangerously short of water, and cannot afford to lose more. The environment and all living creatures in it would be negatively affected by the extension of the Dendrobium coalmine.

For these reasons I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cynthia Harris  
2580

**From:** [marcinnerpeace@gmail.com](mailto:marcinnerpeace@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** No Mining Expansion  
**Date:** Thursday, 10 December 2020 4:03:32 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Thank you for your time

Yours sincerely,  
Marc Bell  
2227

**From:** [redmanr75@yahoo.co.uk](mailto:redmanr75@yahoo.co.uk)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** No mining under our water catchment  
**Date:** Thursday, 10 December 2020 2:40:12 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Richard Redman,  
2229

**From:** [nandorguba@gmail.com](mailto:nandorguba@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Monday, 14 December 2020 4:43:52 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nandor Guba,  
2100

**From:** [nandorguba@gmail.com](mailto:nandorguba@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Monday, 14 December 2020 4:43:47 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nandor Guba,  
2100

**From:** [jmalet7000@gmail.com](mailto:jmalet7000@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Friday, 11 December 2020 7:35:25 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Julie Malet,  
2519

**From:** [pdujardin85@gmail.com](mailto:pdujardin85@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Thursday, 10 December 2020 9:28:36 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
pascale dujardin  
2540

**From:** [cathgong@gmail.com](mailto:cathgong@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Thursday, 10 December 2020 2:58:30 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cath Blakey,  
2500

**From:** [tassia.kolesnikow@gmail.com](mailto:tassia.kolesnikow@gmail.com)  
**To:** [IPCEN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Thursday, 10 December 2020 1:16:01 PM

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To whom it may concern - and it should be of concern to anyone that cares for safe drinking water and ecological conservation.

I write to register my strong objection to South32's proposed Dendrobium Extension Project.

After our last bushfire season that burnt 5.3 million hectares and killed billions of animals, it is unconscionable to approve this extension. Not only will burning of the mined coal accelerate climate change that is provoking catastrophic fire seasons, but subsidence-induced fracturing from longwall mining causes the loss of surface water. This extension will result in the loss of nearly 30 million litres of water per day! Not only does this have a direct impact on flora and fauna, but it decreases and potentially contaminates our drinking water supply.

This project will drain 26 of the 45 endangered Coastal Upland Swamps in this area. Not only is this a tragic loss of fragile habitat, but it increases the risk of bushfire to residents that live in surrounding areas.

The subsidence-induced fracturing is destroying irreplaceable indigenous sites. To date, 58 sites of significance have been identified, including cave shelters and rock art. These are likely to be but a small proportion as only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them.

I am aghast at the recent IPC approval for the Russell Vale expansion. I listened to many of the speakers at the hearing and the environmental, societal and economic grounds for rejecting this project were so conclusive. It appears that the entire project approval system is rigged to favour corrupt and greedy overseas companies.

Does the IPC care that the Special Areas were established with the purpose of ensuring water quality and security by protecting the health of the catchment ecosystems as required by the Water NSW Act 2014? Approving this extension will directly contravene the purpose of this act.

Does the IPC care that over 10,000 people, mostly conservative-voting residents of the Sutherland Shire signed petitions to call for the cessation of mining under the Woronora reservoir? Can the IPC comprehend the value of water is in a drought-stricken country? There are not infinite offsets to replace the water that is being lost from mining in our water catchments.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Recycling of steel and other alternatives should be implemented. Even if coking coal is needed, the Dendrobium extension should be rejected based on the impacts it will have on Sydney's drinking supply, fragile ecological communities and irreplaceable indigenous sites. It is simply the wrong mine in the wrong location at the wrong point in time!

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Tassia Kolesnikow,  
2232

**From:** [Makcapone@yahoo.com](mailto:Makcapone@yahoo.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Thursday, 10 December 2020 10:57:35 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

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The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Mark Kelly  
2228

**From:** [sstockbr@networkten.com.au](mailto:sstockbr@networkten.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Thursday, 10 December 2020 10:14:32 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission. Water is LIFE. We cannot survive without it. Coal is last century.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Dr Sally Stockbridge  
2232

**From:** [anne.obrien@gmail.com](mailto:anne.obrien@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** NSW  
**Date:** Tuesday, 15 December 2020 9:42:14 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anne O'Brien  
2777

**From:** [Helsbels-82@hotmail.com](mailto:Helsbels-82@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Wednesday, 16 December 2020 1:02:51 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Helen Cameron,  
2340

**From:** [ariel.erglis@gmail.com](mailto:ariel.erglis@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 5:06:51 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Ariel Erglis,  
2114

**From:** [trish-trash@bigpond.com](mailto:trish-trash@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 4:02:32 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Trish Waddington,  
2251

**From:** [mblack51314@gmail.com](mailto:mblack51314@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 3:24:35 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Margaret Black,  
2263

**From:** [Liz@colo-ot.com](mailto:Liz@colo-ot.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 10:32:15 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely  
Elizabeth Saunders  
2777

**From:** [christina\\_atomoaie@yahoo.com.au](mailto:christina_atomoaie@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 10:08:45 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Christina Atomoaie ,  
2117

**From:** [angiesdiamond@hotmail.com](mailto:angiesdiamond@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 10:03:26 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Angela Murphy,  
4152

**From:** [angiesdiamond@hotmail.com](mailto:angiesdiamond@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 10:02:54 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Angela Murphy,  
4152

**From:** [ryallglynn@gmail.com](mailto:ryallglynn@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 9:14:35 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Glynn Ryall,  
2256

**From:** [annelanyon@gmail.com](mailto:annelanyon@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 8:50:30 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anne Lanyon,  
2106

**From:** [Dmaysubs@gmail.com](mailto:Dmaysubs@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 7:46:50 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Dee May,  
2026

**From:** [annemariehopcroft@hotmail.com](mailto:annemariehopcroft@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 6:55:25 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Annemarie Hopcroft  
2518

**From:** [sharyn70@hotmail.com](mailto:sharyn70@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 6:41:58 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Sharyn Coleman ,  
2145

**From:** [sharyn70@hotmail.com](mailto:sharyn70@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 6:41:48 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Sharyn Coleman ,  
2145

**From:** [Cfhmua@gmail.com](mailto:Cfhmua@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 6:15:21 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Carolyn Hampson,  
2105

**From:** [Cfhmua@gmail.com](mailto:Cfhmua@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 6:13:55 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Carolyn Hampson,  
2105

**From:** [cootsaya@gmail.com](mailto:cootsaya@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 5:25:22 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Rigel Melanson,  
T2L 2A5

**From:** [jhgill@ozemail.com.au](mailto:jhgill@ozemail.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 11:53:54 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

It is astounding that the NSW government would even consider any further mining in areas that jeopardize Sydney's drinking water.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Jennifer Gill,  
2114

**From:** [phillipccongdon@gmail.com](mailto:phillipccongdon@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 11:10:55 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Phillip Congdon,  
2285

**From:** [phillipccongdon@gmail.com](mailto:phillipccongdon@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 11:10:19 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Phillip Congdon,  
2285

**From:** [thayward@teresehayward.com](mailto:thayward@teresehayward.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 10:39:13 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

In the 21st Century countries are actively ending coal mining, converging the renewable energy and transport sectors and no longer building economic profit from the exploitation of the planet's fossil fuels. There is only seven years of time left to prevent global temperatures rising 1.5°C and we can only meet this target if no further fossil fuels are mined. Any continuation of coal mining in Australia undermines our global integrity as a Pacific leader as well as preventing the next generation from having their own time on planet earth as we will have robbed them of ecological security.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Terese Hayward  
NSW 2070

**From:** [thayward@teresehayward.com](mailto:thayward@teresehayward.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 10:39:09 PM

---

Dear Sir/Madam,

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Yours sincerely,  
Terese Hayward  
NSW 2070



**From:** [talz@hotmail.com.au](mailto:talz@hotmail.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 10:18:41 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Talia Buckley,  
2567

**From:** [yvonne1053@gmail.com](mailto:yvonne1053@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 9:11:10 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Yvonne Fesslet,  
4556

**From:** [yvonne1053@gmail.com](mailto:yvonne1053@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 9:10:57 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Yvonne Fesslet,  
4556

**From:** [katja.jezewski@gmx.de](mailto:katja.jezewski@gmx.de)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 8:35:56 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Katja Jezewski,  
12435

**From:** [efairfax3@gmail.com](mailto:efairfax3@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 7:13:36 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Elizabeth Fairfax ,  
2093

**From:** [gemmellewan@gmail.com](mailto:gemmellewan@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 6:10:37 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

Will it only be when the catchment is irreversibly damaged that there will be cries of alarm, but then it will be too late. Someone needs to take responsibility for moving into the future. And that future is now.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Ewan Gemmell,  
2577

**From:** [Alicianeil@outlook.com](mailto:Alicianeil@outlook.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 5:33:53 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Alicia Neil,  
2016

**From:** [Lewis.helen75@gmail.com](mailto:Lewis.helen75@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 5:24:53 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Helen Lewis,  
2518

**From:** [geoffrey@1earth.net](mailto:geoffrey@1earth.net)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 5:14:18 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Geoffrey Irwin  
2518

**From:** [piph59@gmail.com](mailto:piph59@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 5:11:24 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC (or the NSW government) due to the significant risks to:

- \* Sydney's drinking water supply;
- \* the catchment's fragile ecosystems;
- \* already existing climate change;
- \* Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' has caused the loss of at least 8 million litres of water per day due to subsidence-induced fracturing.

Given water security is a pressing issue in a warming climate, these losses must be mitigated.

Underground mining at the Dendrobium mine already accounts for a majority of the water loss in the catchment.

If this extension is approved, Dendrobium will be directly responsible for the loss of nearly 30 million litres a day of water from Sydney's dams.

The Special Areas were established to provide security to the health of the catchment ecosystems and to ensure the quality of Sydney's drinking water.

Approving this extension will directly contravene the purpose of the 2014 act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs.

I also object to the length of consent period South32 is seeking: 28 more years of intensive coal mining is not acceptable — especially as benign energy sources and the technology are readily available.

Also, green alternatives in the production of steel have become increasingly viable.

Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires.

The impact that this proposal will have on Indigenous heritage is also unacceptable. Only 6.9% of the proposed extension has been surveyed for Indigenous heritage sites and artifacts.

The Illawarra Local Aboriginal Land Council objects as has every Registered Aboriginal Party consulted.

For all the above reasons, the mine extension proposal must be rejected by the IPC.

I consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Pip Hinman  
2042

**From:** [nickirwin13@gmail.com](mailto:nickirwin13@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 5:10:51 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Irwin Nicholas  
2518

**From:** [mathewj.wall@gmail.com](mailto:mathewj.wall@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 4:59:42 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Mathew Wall,  
2773

**From:** [Yblecher@hotmail.com](mailto:Yblecher@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 4:53:26 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Yula Blecher,  
2030

**From:** [lisaforcritters@gmail.com](mailto:lisaforcritters@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 4:28:43 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
lisa lowe,  
2290

**From:** [lisaforcritters@gmail.com](mailto:lisaforcritters@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 4:28:15 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
lisa lowe,  
2290

**From:** [Woodcock.sophie@gmail.com](mailto:Woodcock.sophie@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 3:54:09 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Sophie Woodcock  
2291

**From:** [brendan\\_pitt@hotmail.com](mailto:brendan_pitt@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 3:34:05 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Brendan Pitt,  
2049

**From:** [juliapixie@icloud.com](mailto:juliapixie@icloud.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 3:20:13 PM

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Dear Sir/Madam,

I was appalled to hear that this extension was even being considered. Seriously climate change is happening now and we do not need anymore coal mines especially under Sydney's catchment area. You can't drink coal and our water is so precious. We are the driest continent on earth and coal mines use and pollute enormous amounts of water which is irreplaceable.

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
julia lee,  
2303

**From:** [peterwhitley01@optusnet.com.au](mailto:peterwhitley01@optusnet.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 2:52:01 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Peter Whitley ,  
2031

**From:** [Cbrooks@skymesh.com.au](mailto:Cbrooks@skymesh.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 2:07:49 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Christine Brooks,  
7275

**From:** [paige.chowdhury93@gmail.com](mailto:paige.chowdhury93@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 12:32:25 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Paige Chowdhury,  
2519

**From:** [royschmidt@bigpond.com](mailto:royschmidt@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 12:14:11 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
ROY SCHMIDT,  
2534

**From:** [janicemargaret99@gmail.com](mailto:janicemargaret99@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Saturday, 12 December 2020 2:49:31 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
janice margaret,  
2024

**From:** [kate.keith@hotmail.com.au](mailto:kate.keith@hotmail.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Saturday, 12 December 2020 4:32:59 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Katie Keith  
2580

**From:** [Sonya@blufrogs.com](mailto:Sonya@blufrogs.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 5:57:51 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Sonya Engelen,  
2515

**From:** [janetmayer@bigpond.com](mailto:janetmayer@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 5:19:10 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Janet Mayer,  
2534

**From:** [mariepartridge68@yahoo.com.au](mailto:mariepartridge68@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 4:33:06 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Marie Partridge,  
2230

**From:** [mariepartridge68@yahoo.com.au](mailto:mariepartridge68@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 4:32:55 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Marie Partridge,  
2230

**From:** [leshig@yahoo.com](mailto:leshig@yahoo.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 10:37:40 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
(Dr) Les Higgins  
2228

**From:** [jdough@gmx.us](mailto:jdough@gmx.us)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 10:10:40 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Simon Beevers,  
2250

**From:** [lsbrazier@bigpond.com](mailto:lsbrazier@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 8:54:42 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Stephen Brazier  
2534

**From:** [jillnobes@gmail.com](mailto:jillnobes@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 8:48:49 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Kathryn Nobes,  
2517

**From:** [wendygirving@gmail.com](mailto:wendygirving@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 7:35:35 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Wendy Irving  
2230

**From:** [Barbara.buchanan@y7mail.com](mailto:Barbara.buchanan@y7mail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 6:37:32 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Barbara Buchanan,  
2230

**From:** [russellmtb1@icloud.com](mailto:russellmtb1@icloud.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 6:17:30 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Russell Parr,  
2528

**From:** [camay\\_day@hotmail.com](mailto:camay_day@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:57:27 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Adrian McLEAN  
2500

**From:** [Carolynhadlow@yahoo.com](mailto:Carolynhadlow@yahoo.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:53:56 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project. Water is more precious than coal.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name to be published and listed by the department.

It's time for coal mining to start being phased out. Not new coal mines, especially when they impact on our waterways.

Yours sincerely }

Carolyn Hadlow

**From:** [Lynnef@waminda.org.au](mailto:Lynnef@waminda.org.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 9:44:56 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lynne Dooley's ,  
2535

**From:** [nigel\\_tracey@hotmail.com](mailto:nigel_tracey@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 9:26:10 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nigel Foote,  
2230

**From:** [annarosabaker@hotmail.com](mailto:annarosabaker@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 7:04:29 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anna-Rosa Baker,  
2233

**From:** [annarosabaker@hotmail.com](mailto:annarosabaker@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 7:03:44 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anna-Rosa Baker,  
2233

**From:** [nicolas.font89@gmail.com](mailto:nicolas.font89@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 6:12:23 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nico Font ,  
71150

**From:** [nicolas.font89@gmail.com](mailto:nicolas.font89@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 6:12:09 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nico Font ,  
71150

**From:** [dragon\\_fire84@hotmail.com](mailto:dragon_fire84@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 6:08:00 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Vicki Lomas,  
2500

**From:** [Gabbabates@hotmail.com](mailto:Gabbabates@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 6:03:10 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Gab Bates,  
2048

**From:** [sueeak1949@hotmail.com](mailto:sueeak1949@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 5:55:28 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Susan King,  
2225

**From:** [mareeclark@hotmail.com](mailto:mareeclark@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 5:50:20 PM

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Dear Sir/Madam,

What are you thinking?

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bush-land in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Maree Clark  
2229

**From:** [penward9@gmail.com](mailto:penward9@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 5:39:27 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Penelope Ward,  
2533

**From:** [hendrikbg@yahoo.com.au](mailto:hendrikbg@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 4:50:29 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Hendrik Grundling,  
2232

**From:** [lindleyberrie@gmail.com](mailto:lindleyberrie@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 4:49:53 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lindley berrie  
{2517

**From:** [lindleyberrie@gmail.com](mailto:lindleyberrie@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 4:49:50 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lindley berrie  
{2517

**From:** [wilsonmendel@gmail.com](mailto:wilsonmendel@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 4:47:36 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on the damage it will cause to the catchment's fragile ecosystems.

The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology of these areas will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Wilson Harris,  
2519

**From:** [Anne@annestephany.com](mailto:Anne@annestephany.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 3:48:32 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anne Stephany ,  
2500

**From:** [LAIDLERT@GMAIL.COM](mailto:LAIDLERT@GMAIL.COM)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 3:06:26 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
THOMAS LAIDLER,  
2233

**From:** [Kseparovic@hotmail.com](mailto:Kseparovic@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 2:55:26 PM

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To Whom it SHOULD concern,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely  
Kaye Separovic  
2648  
2548

**From:** [brian.wardhaugh@outlook.com](mailto:brian.wardhaugh@outlook.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 2:27:04 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Brian Wardhaugh,  
2515

**From:** [Terryandlouise6@bigpond.com](mailto:Terryandlouise6@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 2:19:20 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Louise Shepherd  
2229

**From:** [Ester69@iinet.net.au](mailto:Ester69@iinet.net.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 1:41:17 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Ester Nyers,  
2500

**From:** [Pampamela1@optusnet.com.au](mailto:Pampamela1@optusnet.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 1:25:41 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Pamela Peters,  
2219

**From:** [Mjohns84@hotmail.com](mailto:Mjohns84@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 1:19:44 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Mitchell Johns ,  
2560

**From:** [Vbrizga@gmail.com](mailto:Vbrizga@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 1:14:23 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Val Brizga,  
2500

**From:** [happyeyes3333@gmail.com](mailto:happyeyes3333@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 1:13:46 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cris Terry,  
2500

**From:** [anna.ryland1@gmail.com](mailto:anna.ryland1@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 12:58:29 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

Providing precious drinking water to a mining company rather than preserving it for our biggest city does not make sense.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Anna Ryland  
2232

**From:** [darianzamdesign@gmail.com](mailto:darianzamdesign@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 12:37:12 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Darian Zam,  
2500

**From:** [1kntwas@gmail.com](mailto:1kntwas@gmail.com)  
**To:** [IPCEN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 12:22:35 PM

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Dear IPC Commissioners,

I wish to make an objection to South32's proposed Dendrobium Extension Project.

If approved there is no doubt at all this project will have significant negative impacts on Sydney's drinking water supply due to cracking and leakage caused by longwall mining. Already there are obscene losses in this area due to cracking due to coal mining. Mitigation of such losses are unrealistic how is it even possible without causing more damage to the environment? However I'm quite sure this mine will be approved under the usual guise of "strict conditions" even though there is no shortage of metallurgical coal in the area, state or nation. This is the era of approval at any cost only to be realised later that the short term gain, if any simply wasn't worth the long term losses, which could well be forever.

As if water current and future the losses to the environment were not enough why even consider more losses as being reasonable. Surely the loss of valuable drinking water should be enough on its own to stop this project. In a context of climate change where the science is telling us that there will be less water in the future due to less rainfall and higher temperatures which increases evaporation in dams. Add to that the water losses the increased heat year after year in a warming climate where the evaporation of the earth surface increases considerably in this entire catchment and that which it serves makes for even greater massive losses. How can an approval be fair and reasonable when I reiterate there is plenty of coal in other areas which don't cause near the same losses.

Surely enough is enough, time to move on.

I provide my consent for the contents of my submission, including my name, to be published and listed by the department.

Yours sincerely,  
Warren Holder, Gerroa 2534

**From:** [robert.glasson@yahoo.com](mailto:robert.glasson@yahoo.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:38:00 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Robert Glasson,  
2533

**From:** [nickiharris63@gmail.com](mailto:nickiharris63@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:10:33 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nichola Harris,  
2533

**From:** [nickiharris63@gmail.com](mailto:nickiharris63@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:10:29 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Nichola Harris,  
2533

**From:** [stephenspencer1955@gmail.com](mailto:stephenspencer1955@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:07:47 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Stephen Spencer  
3/44 Loftus Street  
Wollongong NSW 2500

**From:** [kellie-martin@live.com](mailto:kellie-martin@live.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:03:39 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours  
Kellie Martin  
2228

**From:** [kellie-martin@live.com](mailto:kellie-martin@live.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:02:49 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours  
Kellie Martin  
2228

**From:** [kellie-martin@live.com](mailto:kellie-martin@live.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:02:32 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Kellie Martin ,  
2228

**From:** [junee@iprimus.com.au](mailto:junee@iprimus.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:45:33 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
June Cashman,  
2580

**From:** [laidlaw.helen8@gmail.com](mailto:laidlaw.helen8@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:44:32 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Helen Laidlaw,  
2533

**From:** [Janebrooks@live.com](mailto:Janebrooks@live.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:39:25 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Jane Brooks,  
4180

**From:** [chrispower1@yahoo.com.au](mailto:chrispower1@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:19:33 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Christiane Power,  
2232

**From:** [denis.hillman@bigpond.com](mailto:denis.hillman@bigpond.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:17:06 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Denis Hillman Toogoom,  
4655

**From:** [janiecotter0@gmail.com](mailto:janiecotter0@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:15:49 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Jane Cotter  
KIAMA  
Postcode: 2533

**From:** [peterfaull@yahoo.com.au](mailto:peterfaull@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:14:25 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Peter Faull,  
2148

**From:** [dowlan.linda481@gmail.com](mailto:dowlan.linda481@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:12:14 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Linda Dowlan ,  
2533

**From:** [saveforests@gmail.com](mailto:saveforests@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:11:00 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

The proposal to expand coal mining under our precious drinking water reservoir is simply not acceptable. Especially that we simply do not need more coal to be dug up for the sake of our future generations.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Tjoan Lie,  
2226

**From:** [millwardart@hotmail.com](mailto:millwardart@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 10:07:08 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
William Millward  
NSW 2500

**From:** [Albertxylin@gmail.com](mailto:Albertxylin@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Wednesday, 16 December 2020 2:07:56 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Albert Lin,  
2070

**From:** [emma.rooksby@protonmail.com](mailto:emma.rooksby@protonmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Objection: Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 5:53:27 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Emma Rooksby,  
2519

**From:** [jozzies@bigpond.net.au](mailto:jozzies@bigpond.net.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Please protect our Drinking Water from Mining  
**Date:** Thursday, 10 December 2020 7:36:45 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

Please don't let history be repeated. Our area has already received massive damage to our Creeks like Redbank Creek. Thirlmere Lakes have never recovered since longwall mining came close to it. I used to watch the huge amount of water rising high from the mine at Tahmoor. I heard the stories from Miners about the amount of pumping of water that occurred because of the very wet conditions.

Cataract Dam during the last drought was a laughing stock by Locals. Comments were "you can go and mow in the middle of the dam. This Dam showed the effects on our Reservoirs when longwall mining is allowed.

Our area is experiencing unprecedented growth in population with huge increases to follow in areas like Wilton and Appin. We cannot afford to lose any water we will need every drop.

What about our beautiful Fauna and Flora how are they supposed to survive with damaged swamps, Creeks and waterways. Many private Dams are being filled in or dewatered in developments this is dramatically reducing the water resources for Koalas, Kangaroos, Wallabies, Birds, Long - Necked Tortoises, Frogs for example. What about the fire risk to our Fauna, Flora and Locals that the loss of water this development will bring. We need to protect our water supply to reduce our fire risk.

Tourism is an important and growing part of our Region but if our water resources are destroyed and or decimated this reduces our Tourism and employment opportunities.

Please put the long term survival of Humans, Fauna and Flora before the short-term coal mining.

Please Protect Our Drinking Water and say NO.

Thankyou.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cita Murphy  
Cita Murphy,  
2572

**From:** [jozzies@bigpond.net.au](mailto:jozzies@bigpond.net.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Please protect our Drinking Water from Mining  
**Date:** Thursday, 10 December 2020 7:37:11 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

Please don't let history be repeated. Our area has already received massive damage to our Creeks like Redbank Creek. Thirlmere Lakes have never recovered since longwall mining came close to it. I used to watch the huge amount of water rising high from the mine at Tahmoor. I heard the stories from Miners about the amount of pumping of water that occurred because of the very wet conditions.

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Our area is experiencing unprecedented growth in population with huge increases to follow in areas like Wilton and Appin. We cannot afford to lose any water we will need every drop.

What about our beautiful Fauna and Flora how are they supposed to survive with damaged swamps, Creeks and waterways. Many private Dams are being filled in or dewatered in developments this is dramatically reducing the water resources for Koalas, Kangaroos, Wallabies, Birds, Long - Necked Tortoises, Frogs for example. What about the fire risk to our Fauna, Flora and Locals that the loss of water this development will bring. We need to protect our water supply to reduce our fire risk.

Tourism is an important and growing part of our Region but if our water resources are destroyed and or decimated this reduces our Tourism and employment opportunities.

Please put the long term survival of Humans, Fauna and Flora before the short-term coal mining.

Please Protect Our Drinking Water and say NO.

Thankyou.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Cita Murphy  
Cita Murphy,  
2572

**From:** [scott.dovey@optusnet.com.au](mailto:scott.dovey@optusnet.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** PLEASE PUT A STOP TO THIS APPALLING PROJECT  
**Date:** Thursday, 10 December 2020 10:39:27 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Scott Dovey,  
2230

**From:** [lynda@grasshopper.com.au](mailto:lynda@grasshopper.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** protect our drinking water from coal mines  
**Date:** Thursday, 10 December 2020 11:18:48 AM

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Dear Sir/Madam,

Our water for living is more important than propping up out-of-date systems like coal mines. I can't help noticing that we could be putting our money into clean energy which wouldn't destroy our drinking water or the environment. We can have our cake and eat it too! At the end we'd even have a planet to live on! Or you can allow this water-stealing coal mine to develop and waste our water, our investment and our chance to continue living on earth.

I therefore wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lynda Grasshopper  
2232

**From:** [ngrill@grillconnect.com](mailto:ngrill@grillconnect.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protect our Precious Water Resources - Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Monday, 14 December 2020 6:00:36 PM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be prevented at all cost. Dendrobium mine already accounts for water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Neil Grill,  
12 Corryton Place, Glen Alpine, NSW, 2560

**From:** [karinataggart@gmail.com](mailto:karinataggart@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protect our water supply - Stop mining under our water catchment!  
**Date:** Thursday, 10 December 2020 10:32:30 AM

---

Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Karina Taggart  
2233

**From:** [gdrew100@gmail.com](mailto:gdrew100@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protect Sydney's drinking water from coal mining!  
**Date:** Thursday, 10 December 2020 2:56:26 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Gerry Drew,  
3241

**From:** [josh.a.gowers@gmail.com](mailto:josh.a.gowers@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protect Sydney's drinking water from coal mining!  
**Date:** Monday, 14 December 2020 8:48:09 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Joshua Gowers,  
2537

**From:** [samdurland@consultingplus.com.au](mailto:samdurland@consultingplus.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protect Sydney's Precious Drinking Water  
**Date:** Friday, 11 December 2020 10:30:49 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, its contribution to climate change and its destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost.

Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams.

The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this Act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade.

Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. Do the people of this state really want a repeat of the CRA disaster in Western Australia?

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Sam Durland,  
2500

**From:** [Catherine.errey@gmail.com](mailto:Catherine.errey@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Protecting water and land from mining.  
**Date:** Thursday, 10 December 2020 12:59:22 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Catherine Errey,  
2223

**From:** [aidanbeanland@yahoo.com](mailto:aidanbeanland@yahoo.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Question about aquifers and water usage  
**Date:** Monday, 14 December 2020 3:53:29 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Aidan Beanland,  
2099

**From:** [katelai44@gmail.com](mailto:katelai44@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Safe drinking water  
**Date:** Thursday, 10 December 2020 2:51:43 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
kathryn lai,  
2233

**From:** [sba@shoalhaven.net.au](mailto:sba@shoalhaven.net.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Save our precious water from coal mining  
**Date:** Friday, 11 December 2020 4:29:10 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Susan Ballinger 2535

**From:** [lorrainejones249@gmail.com](mailto:lorrainejones249@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Save Sydney's water catchment  
**Date:** Friday, 11 December 2020 8:20:17 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project and the approval of mining under the Woronora Dam.

These projects should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Lorraine Jones ,  
2233

**From:** [r.cavicchioli@unsw.edu.au](mailto:r.cavicchioli@unsw.edu.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Stop mining companies impacting on water supplies  
**Date:** Thursday, 10 December 2020 12:26:17 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Rick Cavicchioli,  
2232

**From:** [Amanda.s.lambert@gmail.com](mailto:Amanda.s.lambert@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Stop the Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Tuesday, 15 December 2020 7:25:44 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Amanda Lambert,  
4120

**From:** [Evesteinke@hotmail.com](mailto:Evesteinke@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Stop undermining our water catchment  
**Date:** Monday, 14 December 2020 8:09:54 AM

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Dear Sir/Madam,

I would send a personal letter, but I can't say this any better than the one below. I have lived and worked in the Illawarra most of my life. I understand the push for more jobs - but this is not the answer. The risk to our water catchment and the whole local ecosystem is huge, and expanding coal production at this point in time unconscionable.

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Eve Steinke  
2500

**From:** [Cjordan9876@gmail.com](mailto:Cjordan9876@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** The time is now for change.  
**Date:** Tuesday, 15 December 2020 3:32:38 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Callan Jordan  
2283

**From:** [leannebundeena@gmail.com](mailto:leannebundeena@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Total Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 12:57:07 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

I consider this proposal to be foolhardy and outrageously short sighted in the face of the knowledge that water is our most precious resource.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Leanne Thompson  
2230

**From:** [Marythirlwall@me.com](mailto:Marythirlwall@me.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Water ! Our most precious Commodity !!  
**Date:** Thursday, 10 December 2020 2:45:02 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

To ignore the scientific evidence is inexcusable & reprehensible when it comes to the negative impacts we will have left behind for our children's children & beyond !

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Mary Thirlwall,  
2846

**From:** [Marythirlwall@me.com](mailto:Marythirlwall@me.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Water ! Our most precious Commodity !!  
**Date:** Thursday, 10 December 2020 2:45:10 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

To ignore the scientific evidence is inexcusable & reprehensible when it comes to the negative impacts we will have left behind for our children's children & beyond !

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Mary Thirlwall,  
2846

**From:** [pscruton1@gmail.com](mailto:pscruton1@gmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Water loss  
**Date:** Thursday, 10 December 2020 2:39:11 PM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Peter Scruton  
2535

**From:** [geekgirrrl@yahoo.com.au](mailto:geekgirrrl@yahoo.com.au)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Water not coal Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Thursday, 10 December 2020 11:42:38 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

The impact that this proposal will have on Indigenous heritage is unacceptable. Only 6.9% of the area of the proposed extension project has been surveyed for Indigenous heritage sites and artifacts. Even with so little area surveyed, they found 58 sites, including incredibly significant cave shelters with rock art in the project area. These shelters are likely to crack and collapse from undermining, causing the permanent loss of heritage and artifacts found inside them. The Illawarra Local Aboriginal Land Council objects to this project and every Registered Aboriginal Party consulted on this issue state all of the 58 sites identified have high cultural importance.

For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Georgia Phillips,  
2508

**From:** [mckhodge@yahoo.co.uk](mailto:mckhodge@yahoo.co.uk)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** Water not mining. Objection to Dendrobium Extension Project SSD 8194 (IPC)  
**Date:** Friday, 11 December 2020 9:15:34 AM

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Dear Sir/Madam,

I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

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I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Steve Hodgson,  
2515

**From:** [rephilled@hotmail.com](mailto:rephilled@hotmail.com)  
**To:** [IPCN Enquiries Mailbox](#)  
**Subject:** We really have to argue to protect our drinking water?  
**Date:** Thursday, 10 December 2020 10:36:00 AM

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Dear Sir/Madam,

I cannot believe that - once again - the community is calling on government to protect drinking water. In the strongest - and here, politest, terms - I wish to register my objection to South32's proposed Dendrobium Extension Project.

This project should not be granted approval by the IPC due to the significant negative impacts it will have on Sydney's drinking water supply, the damage it will cause to the catchment's fragile ecosystems, contribution to climate change and destruction of Indigenous heritage.

Longwall mining operations under Sydney water catchment 'Special Areas' causes the loss of at least 8 million litres of water per day due to subsidence-induced fracturing. Given water security will become a pressing issue in a warming climate, these losses must be mitigated at all cost. Dendrobium mine already accounts for a majority of water loss in the catchment due to underground mining. If this extension is approved, Dendrobium will directly result in the loss of nearly 30 million litres a day of water from Sydney dams. The Special Areas were established with the purpose of providing security to the health of the catchment ecosystems and to ensure quality of Sydney's drinking water, enforced through the Water NSW Act 2014. Approving this extension will directly contravene the purpose of this act.

The damage that this project will have on catchment ecology will push species closer to extinction and lead to further losses from the hydrological system and our reservoirs. If approved, this project will cause fracturing under 26 of 45 endangered Coastal Upland Swamps in this area, draining them of water, causing their death. Bushland in the project area will also become more vulnerable during drought periods due to loss of groundwater, resulting in increased severity and frequency of wildfires.

I object to the length of consent period South32 is seeking for this project. Locking in 28 more years of intensive coal mining will contribute further to climate change. The advent of green alternatives in steel production have become increasingly viable in the past few years. It has been predicted that 'green steel' will become a cheaper option than traditional methods within a decade. Subsequently, the very purpose of this mine could be made redundant well before its 28-year consent period expires. If the Commission decides to approve the mine, it should not be approved for more than 10 years.

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For all the above reasons, the mine extension proposal must be rejected by the Independent Planning Commission.

I provide my consent for the contents of my submission, including my name and postcode, to be published and listed by the department.

Yours sincerely,  
Phil Smith  
2233