

ISSUE

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July
2022



The Datum Post

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" APLA AGM,
HELD IN
CONJUNCTION
WITH ASTRO
ROCKS. MT
MAGNET 17TH
SEPT".

eNews of the

Amalgamated Prospectors &
Leaseholders Association. WA



Representing Prospectors
Since 1904

Taking a rest at the Newbie Camp!



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APLA is made up of individual members in 5 Branches throughout the State of WA.

Perth, Mandurah, Goldfields, South West and Albany.

It can only run as effectively as its input from the members. Your contribution at meetings, articles to the Datum Post and help at Open Days and annual camps is much appreciated.



**APLA
NEEDS
YOU**

From the President's Desk, July, 2022

From the President's Desk

During the last 2 months I attended several in person and online meetings to discuss the ACH co-design for the rules and regulations with the end result being a detailed submission being sent to DPLH on the 27th May. The submission focused on what impact the new legislation will have on prospectors and the prospecting industry as a whole with the underlying issue of continual access to land for prospecting. During the last co-design meeting held in Perth the DPLH made it very clear that the deadlines set out for submissions, 2nd round of meetings (July), 3rd round of meetings (December) with the final draft being tabled in parliament in June/ July 2023. The whole process of the ACH act and rules and regulations is politically motivated and during the last co-design meeting many aboriginal groups voiced their opposition to the timelines and called for further negotiation. I expressed concern that the timelines were too short and due consideration on all aspects of the ACH Act and co-design was being rushed and not allowing enough time to fully assess all the issues. DPLH responded that the deadlines were set by the government and no extensions would be granted. I raised the issue of multiple claimants over a specific area whereby proponents would be subjected to an ACH survey. DPLH stated that if there were multiple claimants then, its possible, that multiple surveys would be required to satisfy all parties. I was very vocal stating that this was another example of a money grab by NT holders. I asked the question why prospectors should have to pay for aboriginal persons to find and identify their own heritage when the aborigines openly state that they have been in Australia for thousands of years.

I attended an online meeting with CME, AMEC, PGA, DMIRS and Carbon Market Institute and from the outset I made it very clear APLA was not interested in signing the MOU. EGPA was not present and couldn't be included as they are not an incorporated entity. I explained that the MOU was written in such a way that made it onerous and that the clauses could be misconstrued to the disadvantage of prospectors and leaseholders. There was some vigorous debate about changing some of the wording but that didn't gain much support from others in the meeting. I again made the point that I wasn't going to sign the proposed MOU and called for it to be abandoned completely. I then proposed that all parties collaborate on drafting an information sheet that aims to provide a "lay man" explanation of the realities of modern carbon farming. All present in the meeting agreed with this proposal. I attended a meeting organised by AMEC at the Hyatt hotel in Perth where over 200

attendees were informed on the issues with carbon farming and how miners/ prospectors could still have access although some areas may need to be quarantined. Numerous attendees raised their objections and called for a wider consultation to allow all mining industry proponents to be involved, which was first rejected but after some serious debate, the overall majority agreed. No further date was set.

I met with Doug Hall from the Pastoralists and Graziers Association (PGA) to discuss the proposed Code of Cooperation a document that APLA is not willing to sign. PGA stated that the primary land management rested with the pastoralists and that the miners (prospectors) should respect those rights of land management. I stated that prospectors have rights to access the same land and carry out activities as set down in the Mining Act which could include access track construction, ground disturbance, temporary camp facilities, etc. I further stated that prospectors i.e. APLA members operate under a Code of Conduct and that both parties should be able to co-exist. PGA stated that some pastoralists have been known to cause problems for prospectors when it comes to access. I agreed with the statement and informed PGA that some pastoralists hide behind falsehoods related to activities carried out on their respective properties. I gave an example where a property had been destocked and was declared by a government agency as being destocked but the pastoralist was telling prospectors when seeking permission to enter that the pastoralist was mustering. I was attempting to seek some common ground to improve relations between prospectors and pastoralist but PGA was of the opinion it was the prospectors causing all the problems to which I totally disagreed.

I met with members of AMEC to improve relations and to agree to share information relating to the ACH Act and co-design, carbon farming and the impact on both parties and the abandoned mines policy. I stated that the state government was pushing for a multi-user activity initiative within a pastoral lease where miners (prospectors) third party carbon farmers, wind farmers, pastoralists can co-exist. I expressed concern that this could be another attempt to deny access for prospectors and that AMEC should inform their members this could impact on their exploration/ mining activities. I put forward the suggestion that both APLA and AMEC share information regarding the ACH co-design process so that all parties can benefit for the exchange of information. AMEC was in agreement. I then raised the issue of the recent announcement that an aboriginal based survey company has been gifted a contract for the assessment of abandoned mines across the state without following due process for tendering in accordance with government rules and regulations. I stated

that the state's mining heritage could be put at risk of irreversible harm and that historic and geological knowledge could be lost. I have since received clarification that Yalgoo, Cue and Marble Bar and only within the town boundaries will be assessed for any potential risk. No remedial works will be carried out at this stage.

APLA branches are staffed by volunteers to cover executive positions, delegates and committee members and I am aware some branches don't have a full complement of executive members which, by default, increasing the workload burden onto those holding existing positions. One key position that is not been filled is the State Vice President's role so I'm reaching out to all members to consider getting involved so we can keep Western Australia open for generations to come so prospecting can continue. APLA has been around for over 100 years and we have fought long and hard to protect our rights. I'll ask members to look at their own life experiences and ask "can I contribute to the ongoing success of APLA to ensure I/we have access to the bush so we can go prospecting when we want to, camp where we want to and enjoy to bush" If your answer to the above is YES then I ask you to step forward and help keep APLA to only recognized prospecting organization in Western Australia

James Allison

APLA President

Thank You

I would like to take this opportunity to thank Steve Palmer for the last 7 years as editor of the Datum Post. Steve has worked tirelessly sourcing out interesting articles and photographs to give readers a glimpse of the past whilst keeping members up to date on issues that will affect everyone.

The new editor Ryan Daws has taken over and, with all our support, will continue to make the Datum Post an informative read.

James Allison

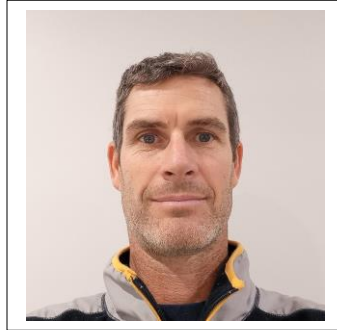
APLA President

EDITORIAL

Ryan Daws. Editor

Contact:

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From the Editors Desk

Hello everyone, As you may have read, Steve has relinquished his position as Datum Post Editor. He has left some big shoes to fill, and I endeavor to do my best.

My background, I am 45yo with a wife and two young kids, 5 & 7yo. I live in Perth and back in 2018 I reduced my Electrical contracting business to spend quality time with my family.

I fell into prospecting in 2020 after a discussion about going bush for a break with my brother-in-law. With several short 3-4 day trips working around school drop offs and pick ups, we soon found our first gold.

I was able to find my first decent patch of gold in 2021 which has me hooked!

This will be the first Editorial roll I have taken on so bear with me as I find my feet. I am happy to receive feedback from readers including suggestions for new content going forward.

I am keen to become an active member within the APLA community and call upon more young prospectors to do the same to keep the organization strong moving forward.

Annual APLA Branch camps

If any APLA member have leases that they would be willing to allow a group camp on to and gain expenses for DMIRS Form5, please contact Steve on 0498 353 232.

All camps are self-contained, disruption to the environment is kept to the minimum, and usually last for 10 days.

If anyone has any interesting articles they would like to see published, please feel free to contact me at aplanews@apla.com.au



Help us find you !!!

Hello All Prospectors,

My name is Mark Williams, and I am the Sergeant at the Cue Police Station. I just wanted to give you all a few tips about your safety when you are out prospecting and how you can help us find you when you are lost. I know that APLA and your own organizations work hard to educate and keep you safe when you are out there, but I have a few more tips from a Policing perspective.

Before you go, have a plan with your wife/mate/cousin/friend that you both understand. That plan should include what you are going to do IF one of you doesn't come back to the car/camp. My view is that if you aren't back at the car by dark, you are lost. If you don't have communications with anyone to tell them where you are, you need to accept you're lost and it's time to act. This is normally when your friend or loved one asks a few questions and eventually rings the police to let us know your missing. As soon as that happens, a raft of things occur behind the scene by Police. You are now a 'Person at Risk' and we are obliged to find you. We take a number of steps to do that and because we don't know if you're injured/ had a heart attack or broken a leg. That unknown information means we will search for you.

If you are the 'Person at Risk', you should all have a PLB or Epirb with you on the ground, NOT in the car. It's now time to accept you are lost and to take action, if you can.

- 1 Activate your Beacon.*
- 2 Light a fire.*
- 3 Keep warm (take a space blanket with you)*

And of course, stay with your car if you can.

These little steps will help us find you faster by ground or air and make it a lot easier on your loved ones.

All the best with your prospecting.

*Cheers
Mark*

Letter care of Sergeant Mark Williams of the Cue Police Station.

EYE ON IT

DMIRS have on the bottom of their website page a box entitled.

Subscribe to updates.

The department provides a range of newsletters and information products to keep you up to date. Subscriptions to the latest DMIRS news services of your choice are available.

They are free to the public and cover a wide range of articles and information.

Click and keep yourself informed on the DMIRS web page.

PROPOSED CHANGES TO “SCALE OF FINES”

From DMIRS:

The Department (DMIRS) has finalised an administrative review of the ‘Scale of Fines [2008]’ which is applied for some minor breaches of the *Mining Act 1978* (the Act). As you would be aware, the Act prescribes numerous “offences” against the Act and “breaches” of tenement obligations. It also provides that penalties in lieu of forfeiture (PILF) may be imposed for such offences or breaches. These provisions are relevant to exploration licences and mining leases only as the Warden deals with prospecting and miscellaneous licences.

As the Act only sets a maximum penalty amount for an individual tenement holder (\$75,000) or where a company is the tenement holder (\$150,000) for a breach of obligation, a “Scale of Fines” was introduced in 2004 (and last reviewed in 2008) to guide penalty amounts. The Department has recently reviewed this Scale and made some changes to simplify the approach and bring penalties into line with the Consumer Price Index (CPI). In addition, a new category has been added to the Scale to capture non-compliance with Annual Environmental Reporting (AER) provisions. The below table summarises the changes which have been endorsed by the Minister, and we now seek any feedback on this simplification and creation of the revised New Scale of Fines.

It should be noted that the Scale of Fines is a guide only and that the Minister may determine an alternative penalty. The Department has committed to reviewing the scale more regularly post this most recent review. Industry may also start to notice changes to the way the Department responds to the late payment of rent. Notices of intent to forfeit (otherwise known as a Regulation 49 or Regulation 50 notice depending on the tenement type) will now be issued on all late payments of rent as ‘real time’ will be used, rather than a particular day of the month as the ‘milestone’. This brings compliance action for tenement rent obligations into line with other obligations e.g. the submission of Form 5 Operational Reports.

Should you or your member companies have any queries relating to the changes, I am happy to offer a briefing session to provide further clarity or hear any concerns. This administrative review has been undertaken by the Title Compliance Branch (Hailey Packer General Manager).

CURRENT INDUSTRY / DMIRS NEWS.. cont.

Breach	Old Scale of Fines	New Scale of Fines
Late payment of tenement rent	<p>Rent payable x 0.054% x days late plus:</p> <ul style="list-style-type: none"> • 1st offence - \$120 if individual or \$180 if body corporate • 2nd offence - \$240 if individual or \$360 if body corporate • 3rd & subsequent offence - \$480 if individual or \$720 if body corporate 	<ul style="list-style-type: none"> • 1st offence: The greater of Rent payable plus \$180 or the rent payable x 5% of per week or part thereof late. • For each subsequent breach the amount payable is multiplied by the number of the breaches by the current tenement holder.
Late Lodgement of an annual Form 5 'Report on Operations'	<ul style="list-style-type: none"> • 1st offence - \$60 per week if individual or \$90 per week if body corporate • 2nd offence - \$120 per week if individual or \$180 per week if body corporate 	<ul style="list-style-type: none"> • 1st offence: \$80 per week or part thereof if an individual, \$110 if a body corporate. • For each subsequent breach the amount payable is multiplied by the number of breaches by the current tenement holder.
Failure to meet expenditure condition	<ul style="list-style-type: none"> • 1st offence - 10% of shortfall with min \$550 if individual or a min. of \$650 if body corporate • 2nd offence 20% of shortfall with min. \$1,100 if individual or min \$1,250 if body corporate 	<ul style="list-style-type: none"> • 1st offence – the greater of \$650 or 20% of the expenditure shortfall. • For each subsequent breach the amount payable is multiplied by the number of breaches by the current tenement holder.
Late lodgement of a mineral exploration report	\$60 per week per tenement from date of notice if individual or \$90 per week per tenement from date of notice	<ul style="list-style-type: none"> • 1st offence: \$100 per week or part thereof. • For each subsequent breach the amount payable is multiplied by the number of breaches by the current tenement holder.
Late lodgement of AER		<ul style="list-style-type: none"> • 1st offence: \$100 per week or part thereof. • For each subsequent breach the amount payable is multiplied by the number of breaches by the current tenement holder.

\$12 million for WA-Array seismic survey as part of 2022-23 State Budget

Survey will be one of the largest of its kind completed anywhere in the world.

Data collected will drive further exploration, research and investment.

The McGowan Government is investing \$12 million over four years to implement a State-wide passive seismic survey to unlock more of Western Australia's hidden resources - to create new investment opportunities and local jobs for Western Australians.

Funded as part of the 2022-23 State budget, the WA-Array program will be one of the largest of its kind undertaken anywhere in the world.

Most known deposits in WA are near the surface. The WA-Array program will make it easier to locate deeper resources.

The subsurface imaging program will deploy 165 seismometers in a grid pattern at 40 kilometer intervals - providing valuable insights into the State's mineral deposits.

The program will also provide new insights into WA's critical minerals resources, and promote investment in exploration and developing future mines and downstream processing.

All data collected will be rigorously assessed before being made freely available to resource explorers, researchers and the WA community. Seismometers will be relocated annually, with the entire State being mapped over 10 years.

Comments attributed to Mines and Petroleum Minister Bill Johnston:

"The WA-Array program will help unlock a new generation of resource discoveries that will create more jobs and potentially billions of dollars of economic benefits for WA.

"It will digitally transform and supercharge the State's mining industry - helping to attract investment and support even more local jobs for Western Australians.

"The global transition to clean energy presents significant opportunities, which is why the McGowan Government is working hard to invest in and attract new industries to WA.

"Battery and critical minerals such as lithium, cobalt and nickel face ever increasing demand, so we need to keep supporting the search for the mines of tomorrow."

Historical Articles from previous Datum Posts "Submitted by Les Lowe"

The Amalgamated Prospectors and Leaseholders Association has had a proud tradition since the earliest days of Western Australia's gold rushes. Branches were formed to look after the interests of prospectors, seek assistance from government and to regulate the flow of ore to state batteries. This Journal would be grateful to hear from anyone who has historical information about the association. An early reference to the Association came from newspaper articles referring to....

CHAIRMAN OF THE PROSPECTORS AND LEASEHOLDERS

ASSOCIATION MURDERED.

In 1907 prospectors working near Prominent Hills to the north of Birrigrin in the East Murchison goldfields found good gold elusive and decided it was time to move on to better areas. Well known prospectors Colreavy and William Kirkpatrick applied to the premier, who was visiting Black Range at the time, for assistance. Their request was granted and it was decided that William and Bob Kirkpatrick, Stephen Grace and W. Phillips would go on an expedition to Lake Naberu north of Wiluna on the Canning Stock Route. Canning had reported on the likelihood of gold being found in that area. Colreavy and party were to follow later.

The party left Black Range in June 1907 with five pack camels, one riding and scouting camel and enough provisions for six months.

Full of optimism the four men set off along the Rabbit Proof Fence. About 200 miles north of Wiluna Stephen Grace discovered a brass box that had been dropped on the track. Engraved on it was the name "Tobin". It had belonged to a member of Canning's party that had been killed by Aborigines in the area.

Soon after the men left the fence and went inland where they met a small number of Aborigines who

they believed to be friendly, and gave them food.

However on the night of August 24th the party was attacked. Grace wrote in his diary:

"Suddenly I was awakened by a dog barking, and found three natives over me. One struck me with all his might a long jabby spear into my chest. I reached for a rifle and called out, but as he jabbed the spear further in I had to leave the rifle and hold the spear. By this time Phillips was up with his shotgun and fired, and the natives left. I fired a hasty shot and looked around.

When I looked the natives we had seen and the others concerned in the attack were clambering over the hills and out of range. The whole scene occupied ten seconds. On examination we found that Phillips and myself were wounded, he in the shoulder, I in the chest, neither very serious. We watched for daylight."

In the morning the four men reviewed the situation. Phillip's wound was only superficial however Grace decided that he should return to Wiluna and be reunited with his mates at Black Range at Christmas. The party agreed and they took him to the fence where they met a rider going south.

The Kirkpatricks and Phillips continued on towards Ophthalmia Range.

On the way down the fence Grace's condition worsened dramatically. The trip south was painful and slow and soon Grace was in no condition to walk and was forced to sit on his benefactor's camel for long periods. He became delirious and could not eat. On the 9th October he began raving wildly and at midnight he said, "Why, its all gold! and soon after he died.

The death of Grace enraged the people of the Eastern Goldfields where he was a prominent figure being the Chairman of the Executive Committee of the Prospectors and Leaseholder's

Association.

One newspaper said "the state could have better lost a politician" to which the editor of the East Murchison News added "and there would have been less mourning".

A Stephen Grace Memorial Fund was established to help his widowed mother and soon the people of Black Range and Lawlers had donated £100.

Camels were sent to Wiluna from Yalgoo and Constable Doody and a number of other officers and trackers were sent to the area to track down the killers. They were, however, hastily equipped and as the tracks were a month old, gave up.

The rest of the party were shocked by the news of Grace's death and returned to Wiluna. William Kirkpatrick came under much criticism for abandoning his mate but he maintained it was a proper decision that Grace had agreed to. This was borne out by Grace's diary which he had dropped on the track shortly before his death but was fortunately picked up at the 386 mile peg of the fence by H.Brene, a provision carrier.

Kirkpatrick was very critical of Canning. The auriferous area he had described in his report was in fact:

".. about four dray loads of quartz scattered over bare clay pans, with big sandstone cliffs to the east, lakes to the west and sand and spinifex north and south- a strip half a mile wide by two long."

William Kirkpatrick returned to Black Range and was a familiar figure there for many years. His brother Bob died soon after, he had been ill through most of the expedition.

From Barb of the Spear.(c) Bob Sheppard. Warrigal Press 1987.

Historical Articles from previous Datum Posts "Submitted by Les Lowe"

THE PROSPECTORS TEN COMMANDMENTS.

BLACK RANGE COURIER CIRCA 1910

The following code of rules for the guidance of the digger was drawn up by some humorist or humorists in the early days of Ballarat and was posted about the diggings for the behoof of all on the field.

It lets a little light in upon the modes of thought, the customs and amusements, and the phrases in vogue then and which are only partially known to the later comers.

*The Diggers Ten Commandments
Published expressly for Ballarat. 6d.*

A man spake these words and said, "I am a digger, who wandered from my native home, and came to sojourn in a strange land and saw the elephant! And behold, I saw him and bear witness, and that from the key of his trunks to the end of his tail his whole body was passed before me; and I followed until his huge feet stood before a Clapboard Store; then with his trunk extended he pointed to a candle card tacked upon a shingle, as though he would say READ, and I read-
The Ten Commandments.

I. Thou shalt have no other claim but one.

II. Thou shalt not make to thyself any false claim, nor any likeness to a mean man by "jumping", whatever thou findest on the top above, or on the rock beneath, or in a crevice underneath the rock, for I am a Jealous Dog, and I will visit the commission round with my presence to invite him on my side; and when he deeds against thee thou shalt have to take thy pick, thy pan, thy shovel and thy "swag" and all thou hast, and go prospecting north and south to seek good diggings- and thou shalt find none. Then when thou hast returned in sorrow, thou shalt find that thine own claim is worked out and no pile made thee, to hide in the ground, or in an old boot beneath thy bunk, or in buckskin or both beneath thy tent, but

from page 5

hast paid all that was in thou purse away, worn out thy boots and thy garments, so that there is nothing good about thee but thy pockets, and thy patience be like unto thy garments; and at last thou shalt hire thy body out to make thy board and save thy bacon.

III. Thou shalt not go "shepherding" before thy claim is worked out. Thou shalt not take the money, nor thy gold dust, nor thy good name to the gaming table in vain for Monte, Twenty One, Roulette, Faro, Langsquent and Poker will prove to thee that the more thou puttest down the less thou shalt take up; and when thou thinkest of the wife and children thou shalt not hold thyself guiltless but insane.

IV. Thou shalt not remember what thy friends do at home on the Sabbath lest the remembrance may not compare favourably with what thou doest; six days thou mayest dig or pick all that the body can stand under, but the other day is the Sabbath when thou shall wash all thy dirty shirts, darn all thy stockings, tap all thy boots, drink all thy nobbles, mend all thy clothing, chop all thy firewood, make and bake thy bread and boil thy pork and beans, that their wait not when there returnest from thy long toil weary. For in six days toil then thou cannot work out thy body in two years but if thou workest hard on Sunday also thou canst do it in six months and thy son and thy daughter, thy male friend and thy female friend, thy morals and thy conscience be none the better for it, but reproach thee, shouldst thou ever return with thy worn out body to thy mother's fire side and then strive to justify thyself because the fossicker defies God by keeping not the Sabbath day; and wish not for a days rest, such as a true digger's memory, youth and home, make hallowed.

V. Think more of, and how thou canst make it fastest, rather than how thou will

enjoy it after thou has ridden rough shod over the good old parents' precepts and example that thou mayest have something to reproach thou when thou art left alone in the land where thy father's blessings and thy mother's love has sent thee.

VI. Thou shalt not harm thyself by working in the rain, even though thou shall make enough out o' "core" to buy physic and attendance with. Neither shalt thou kill thy neighbour's body by shooting him, except he give thee offence, then, upon this principle of honour, without principle, thou mayest, though by keeping cool thou headst saved his life and thy conscience.

VII. Thou shalt not grow discouraged and think of going home before thou hast not made thy "pile" because thou hast not "struck a lead" nor found a "nugget" nor sunk a hole on "pocket" or the "gutter" but in going home thou shalt be deigned a "shicer" and go to work ashamed, and serve thee right, for by staying here thou mighten strike a "lead" and thy self respect, and go home with enough to make thyself and others happy.

VIII. Thou shalt not fossick out specimens from thy mate's pan and put them in thy mouth and thy purse; neither shall thy take from thy sleeping partner and tent mate his gold and add to thine lest he find thee out and straight away call his fellow diggers together and the "trap" and put thee on limbo vile, or brand thee like a horse thief with R upon the cheek, to be known and feared by all men, Ballarat in particular. And if thou steal a shovel, pick or a pan from the toiling fellow digger, hanging will be to good for thee and the sooner thou makest thyself scarce the better, forever hang down thy head.

IX. Thou shalt not "blatherskite" about new rushed to thy neighbour that thou mayest benefit a store keeper with provisions, tools, swags etc he cannot sell lest, in deceiving thy neighbour, that he may return through the bush with nought save his revolver, pressure thee with the

contents. and like a dog, thou shalt fall down and perish and die the death of a bush ranger.

X. Thou shalt not "shepherd" but one hole at all times nor covet thy neighbour's claim, nor willfully take his washing stuff that is not thy property, nor wash the tailings from his sluices mouth, nor in any way molest him in his claim. And if thy neighbour has his family here, and thou loves and covets his daughter's hand in marriage, thou shalt lose no time in gaining her affection, and when thou has obtained it thou shall "pop the question" like a man, lest another more manly than thou should step in before thee and thou covet her in vain; and in thy anguish and despairment thou shalt quote the language of the greta and say-"Let her rip" and thy future life be that of a poor, lonely, despised and comfortless bachelor.

Another little one. Thou shalt not dig up a public road unless thou can afford to fix it as good as before, lest thou injures the drayman to benefit thyself and he curse the every time he passeth. Amen.

Last but not least. Thou shalt be particular not to leave thy swag at thy boarding house with out making satisfactory arrangements with the man whose grub thou hast eaten. For it is better to have a good name than much riches. Amen
Amen.



Australia's Mining sector a big earner for the Federal Government.

New figures show that the return to the community from Australia's mining industry has again hit record levels with a combined \$43.2 billion in company tax and royalties paid in financial year 2020-21, a 16 per cent increase from the \$37.3 billion contributed in the previous period.

Company taxes paid reached a new record high of \$26.5 billion and royalties also reached a high of \$16.7 billion in 2020-21 contributing significantly to federal, state and territory governments at a time when they needed it most during the COVID-19 pandemic.

MCA CEO Tania Constable said company tax and royalties payments are expected to continue increasing in 2021-22 in line with increases in export earnings. This is driven by a positive outlook in the price and quantity produced of metallurgical and thermal coal coupled with a robust year for iron ore, gold and base metals.

"The industry in Australia continues to pay the highest average wages, the most company taxes, delivers the most export revenue and is critical to supporting regions and communities – supporting 1.1 million jobs in the mining industry and its supply chains," Ms Constable said.

"The Australian mining industry always pays its fair share of tax while providing royalties to state governments to pay for improved roads, hospitals and other infrastructure and services.

"Mining companies also support thousands of regional businesses around Australia and their workers who provide essential services that keep the industry operating.

"In addition to new jobs across the nation and paying its fair share of taxes and royalties, the mining industry has been supporting local communities through the COVID-19 pandemic, providing substantial donations to hospitals, charities, child care centres and schools."

These figures outline the main Mining industry and do not include secondary earnings through Mining tourism and recreational prospecting. The figures outline just how important the industry is to the government.

BUILDING A NATION

(Extract from a Gold Industry Group Article)

A summary of the gold industry as it happened in Australia.

- Gold was first reported near Beaconsfield in Tasmania in 1847.
- The first payable gold discovery in Australia was near Bathurst in New South Wales, in February 1851, setting off the Australian gold rush.
- Victoria's first recorded gold discovery was in June 1851.
- Tasmania's gold rush began in 1852 and developed into a thriving industry until 1890.
- By 1861, Victoria had the highest literacy rates globally as people arrived to make their fortune from the gold rush.
- Queensland's gold rush began in 1857, triggering a new phase for the fledgling Colony with major economic development.
- A gold rush began in the Northern Territory in 1871, by which time the national population had trebled to 1.7 million.
- From 1873-1906, Queensland's gold and metal exports exceeded those of wool.
- Gold discoveries were first recorded in the Kimberley, in Western Australia, in 1885.
- Western Australia's gold rush began in 1893, triggering an influx the following year of 100,000 men, women and children from across the globe.

VITAL INFRASTRUCTURE: THE RUSH FOR GOLD LEAD TO THE DEVELOPMENT OF MAJOR RAIL, ROAD, PORT AND WATER INFRASTRUCTURE IN AUSTRALIA.

- **Rail Networks** NSW (1850-1880): As people rushed to the goldfields, roads and tracks deteriorated, prompting millions of pounds to be spent on the colony's three main rail lines, the Great Northern, Great Western and Great Southern.
- **Electric Telegraphs** (1854): Victoria's first two lines were laid between Melbourne and Williamstown, and between Melbourne and Adelaide, as the gold rush turned Melbourne into a metropolis. By 1863 more than 3,000 km of telegraph wire had been installed across NSW. A decade later, there were nearly 100 receiving stations and almost 9,000 km of wire.

- **Sydney Royal Mint** NSW (1855): The first overseas branch of London's Royal Mint, which began producing gold sovereigns as early as 1851.
- **The Melbourne Mint** VIC (1872): Established as the country's second official branch of the British Royal Mint in London.
- **Coolgardie-Esperance Highway** WA (1891): Developed to link the Goldfields to the Esperance harbour.
- **Goldfields Railway** WA (1894): Built to connect the City of Perth to the State's Eastern Goldfields.
- **McNess Royal Arcade** WA (1897): The first shopping arcade in Perth built by Sir Charles McNess, a tinsmith and ironmonger, who made his wealth by stocking his shop with gold prospecting equipment.
- **Fremantle Port** WA (1897): Established by Charles Yelverton O'Connor, to meet needs arising from the WA gold rush.
- **The Perth Mint** WA (1899): Australia's third branch of Britain's Royal Mint was built in response to gold discoveries in WA.
- **Western Australian School of Mines** (1902): Established at Coolgardie in 1902, but quickly relocated to its current Kalgoorlie location in 1903, due to the discovery of gold and large influx of people into the area.
- **Golden Pipeline** WA (1903): 566km long, built to provide fresh water to the WA Goldfields.
- **London Court** WA (1937): An architectural marvel built by WA gold mining entrepreneur Claude de Bernales, it signified the recovery of Perth's building industry from the 1930s Depression.
- **Royal Australian Mint** ACT (1965): The first to be owned by the Commonwealth and independent from the branches of Britain's Royal Mint.
- **Old Treasury Building** VIC (1862): Considered one of Australia's finest Renaissance Revival buildings, constructed in palazzo form and built from wealth accumulated during the gold rush.

BOOSTING TOURISM: AN IMPORTANT INDUSTRY FOR CURRENT AND FORMER GOLD MINING REGIONS AND CITIES, GOLD TOURISM PRESERVES OUR INDUSTRY'S HERITAGE, AND ALLOWS VISITORS TO RECONNECT WITH THE PAST AND UNDERSTAND THEIR PRESENT.

- The Gold Industry Group's [Heart of Gold Australia app](#) showcases gold tourism experiences across the country as well as offering interactive in-app games and has engaged more than 10,000 people. The app features the [Kalgoorlie](#) and [Perth](#) Heart of Gold Discovery Trails.

- **The Perth Mint**, including its Gold Exhibition and Australian Kangaroo One Tonne Gold Coin, attracts more than 70,000 visitors annually.
- Established in 2018, Go West's **Mine to Mint Tour** from Newmont's Boddington Gold Mine to The Perth Mint is the first of its kind, offering fascinating insights into the gold supply chain.
- The **Old Treasury Building** in Melbourne, hosts the original gold vaults where gold bullion was stored during the early gold rush era, providing visitors today with a unique tour experience.
- The wealth and demand for entertainment created by the Victorian gold rush resulted in the first **Melbourne Cup** being run in 1861. The 18-carat gold 2016 Emirates Melbourne Cup trophy was the first in its history to be crafted entirely from gold sourced and refined in Australia by Evolution Mining and ABC Refinery. 2020 marked the first time the gold came from Victoria, supplied by Kirkland Lake Gold's Fosterville Gold Mine.
- The **Central Deborah Gold Mine** opened to the public in 1971 and has attracted visitors including H.R.H Prince Charles. By 2011, it became the home of Australia's deepest underground mine tour with nine levels for visitors to experience and is a key tourist destination for the City of Greater Bendigo.
- In 1972 the Hainault mine was opened to the public, with retired miners conducting underground tours and demonstrations to more than 750,000 visitors for nearly 20 years. In 1991, displays of historical equipment and records were moved to the site of the north shaft and it was reopened in Kalgoorlie as the **Hannans North Tourist Mine**.
- **Sovereign Hill** joined other world-class attractions and events to draw 3,362,000 visitors to the City of Ballarat in 2019.
- The **Museum of the Goldfields** and **Hannans North Tourist Mine** joined other world-class attractions and events to draw 237,000 visitors to the City of Kalgoorlie-Boulder and an overall 1,529,000 visitors to Australia's Golden Outback (WA) in 2019.
- Once one of the largest gold mines in Australia, **Gwalia's** five-year \$3.3 million conservation of the Sons of Gwalia Limited's Historical Precinct, Museum and Hoover House, timber headframe and the settlement's 22 traditional miners' cottages, represents an important heritage and tourist destination for WA.

ADVANCING GLOBAL SOCIETY: GOLD IS VITAL IN TODAY'S TECHNOLOGICALLY ADVANCED SOCIETY, CONTRIBUTING TO INNOVATIVE METHODS AND MEDICAL BREAKTHROUGHS, AND PLAYING A PART IN MANKIND'S PRESERVATION OF THE ENVIRONMENT.

- Gold wires are the backbone of the Internet, plating the RJ45 plugs of ethernet cables, connecting a device to a modem.
- Layers of gold protect astronauts, satellites and space vehicles from radiation and heat.
- Gold nanotechnologies offer functional benefits for visual display technologies and have potential for use in advanced data storage such as flash memory devices.
- Gold nanoparticles are at the heart of the hundreds of millions of Rapid Diagnostic Tests (RDTs) used globally every year to detect diseases.
- A gold based RDT to detect COVID-19 is being developed by leading diagnostics firms.
- Gold-based drugs have been developed and used to treat illnesses such as rheumatoid arthritis.
- Gold's low reactivity makes it safe for use in the human body, coating pacemakers and stents.
- Gold nanoparticle technology is being developed to specifically attack cancer cells in between radiation treatment and chemotherapy sessions, with clinical trials indicating improved quality of life and decreased risk of damaging healthy cells in the process.
- Gold alloys in dentistry are used for fillings, crowns, bridges, and orthodontic appliances, due to the metal being chemically inert, nonallergenic, and malleable.
- Gold nanoparticles are being used to improve the efficiency of solar cells, while gold-based materials are showing promise in the search for new, more effective fuel cell catalysts.
- Gold nanoparticles are used in environmental solutions, helping to break down groundwater contaminants in industrialised areas around the world.
- Australia's national science agency CSIRO has found a new approach to understanding mineralisation, giving exploration companies methods to identify new deposits more quickly and efficiently.
- Gold has been a store of wealth for thousands of years and is traded in the form of bullion, coins, bars and certificates. It is a reliable investment during times of hyperinflation, banking crises and economic uncertainty.

By the Editor

Why you should Join APLA

- Protect Your Rights under the Miner Right.
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Take advantage of all the Benefits that APLA of WA Inc, has to offer. APLA has over 100 years of industry knowledge.

Importantly, APLA represents stakeholders to Government on Policies that exclude Prospectors from accessing some areas within WA. APLA fight for your rights to go Gold Prospecting. Aboriginal Heritage legislation changes have been huge over the last 3 years and whilst the new act went through under the Labor Government

late last year, we are now going through the second phase of regulations. Delegate Representatives from each branch are attending, representing our members, all 2120 members as at year end 2021. We run training Camps free for Members. Our Branches do fantastic volunteer work to improve your prospecting experience. Your membership includes public liability Insurance. These are the things that are important to have before you head out.

Recently joined **New Members** please **check out**, up and coming events listed on the APLA webpage. www.apla.com.au click on your branch and the **events** window in the bottom right corner to find out more. Join our members only APLA Facebook page. Link can be found on the bottom of the webpage.

[APLA | Facebook](#) If you need help with a virtual payment or joining just contact:

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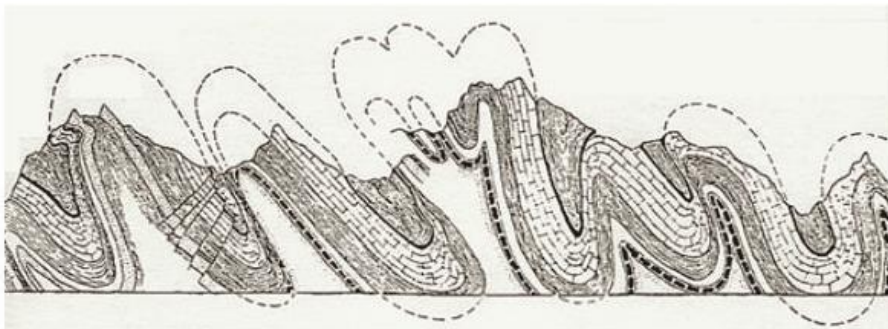
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BRANCH NEWS

ALBANY BRANCH

Meetings held 3rd Saturday of every second month. Each meeting consists of general Branch business and a guest speaker to assist members. Meetings are held at the Albany Men's Shed behind 77 Sanford Rd, Albany at 4pm.

Contact Michael McCaffery Albany's Secretary for more information albanysec@apla.com.au



GOLDFIELDS BRANCH UPDATE

Meetings are held at the Regency Room at the Tower Hotel Crn Maritana and Bourke st Kalgoorlie meetings on the **last Thursday of every second month.**

Contact Robert Laing Goldfields Secretary for more information 0418 930 064

Next meeting: 28th July



MANDURAH BRANCH

Meetings held at 1.30pm, 2 Leslie st Mandurah. See APLA website for date
Meeting Dates 2022: 9 Jan, 20March, 1 May (AGM, Camp notice), 11 September, 13 November

Contact Bob Wilson, Mandurah Secretary for more information 0429 001 515

Next meeting: 11th September

SOUTHWEST BRANCH

Meetings Fourth Wednesday of every Second Month at the Capel Golf Club at 7:00pm - \$5 Includes Supper)

Contact Judith Smith, SW Secretary for more information, 0428385457

Next meeting: 24th August



The SW Branch 2022 Camp was held the long weekend in June out from Kalgoorlie. 40 members participated and made it a most enjoyable occasion.

Thank you to Rob Anderson for arranging access to leases and thanks also to Denise at Prospector's Pick for our Welcome packs.

When only one piece of gold was found on the Saturday many people found their way to a few of the other leases or nearby pending ground on Sunday where a few more pieces were found.

Thank you to our volunteer stewards, Peter Black and Graeme Snelgar for weighing the gold and determining the Competition Prize winners: John Bargiev, Rob Dupree and Mandy Szeliga.

Thank you also to Minelab, Whitey's Tackle and Alan Branchi for their donations of Raffle prizes. Winners included: Tyler Fell, John Reeves, Barb Morley, Dean Hough, Terry Reeves, Steve Adams, Maureen Bell and Cindy Bastow.

Unusual Finds: Alan Warner - an unfired bullet, Rob Dupree – tektite.

Green Jacket Award: Rex Barber.



PERTH BRANCH UPDATE

APLA Perth Branch is conveniently located for Perth Members and now meets in the WA LAPIDARY AND ROCKHUNTING CLUB.31-35 GLADSTONE ROAD, RIVERVALE WA.

Contact, Perth's Secretary Sue McKenna for more information. **Next meeting: 17th August**

APLA PERTH BRANCH CAMP AT LEINSTER,

Over thirty members attended the June camp north of Leinster. Not only was gold found by most, but we had the added benefit of Aaron from Reeds Prospecting giving us two days on how to operate and manage settings on the GPX6000, GPZ7000, SDC2000 and the GPX5000/4500's. The test pits were crowded each day and the information was priceless.

Thanks, Aaron, for your contribution to the camp, much appreciated.

Greg Young (OAM) was once again outstanding as camp Coordinator with the help of Sue McKenna as First Aid Officer. The Tag in Tag out system worked well as usual except for on episode when a certain member ran into it with his vehicle. (Spec Savers have been notified).

This camp we had quite a number of lovely wife's and women detectorists. This kept the men on their toes with damper nights, women's only afternoon social gatherings, quiz night and general running around after them. (Felt like being at home). For some reason the music and sing-along got cancelled.

The weather was a mild 18/20 degs during the day but dropped to 2/3 overnight. No flies so perfect detecting weather. As you can see from the following images the camp was not all about prospecting but also social.



APLA Newbie Camp.

At the recent APLA Newbie Camp it was once again shown the value of experienced prospectors passing on their knowledge to members who have little experience out in the field.

Comments ranged from “ I learnt more in two days than I can retain” “ I didn’t know my detector did that” and many more positive remarks.

Held on Vacant Crown Land in the Cue area the adage “Gold is where you find it” proved correct.

With input from Aaron from Reeds Prospecting, Perth President Greg Young OAM and his well oiled Committee the camp offered members who wanted to learn more about prospecting the perfect venue. Much thanks to these volunteers who pass on their valuable information to help promote APLA.

A visit from the Pastoral Lease owner Peter Savage and his family on a damper night was well received. One comment Peter mentioned was Wild Dogs. He has traps set all over his property , one was about 300mts from the camp. Upon being notified by Greg that a camp was proposed in the area he disabled this and other traps for the duration of the camp. This is one of the reasons you should get in touch with the pastoralist and let him know you are one his land. He also hires from time to time a Dogger who shoots the dogs on the station. Peter had to warn him of the APLA camp. The Dogger costs the pastoralist \$500 a day.





Brief Resume of the Gold Tracker APP Product

GOLDtracker App has now been released,

Gold racker is now an Android app and to be developed as an iOS iPhone app.

How Can Goldtracker App Help You?

- Reduce the amount research time and effort before going prospecting in a new area.
- Goldtracker scores by Graticular Block will quickly provide you with an indication of the likelihood of finding gold in any area.
- For the newcomer it will enable you to be competitive with the seasoned prospector who knows all the tricks and understand the principles and relationships controlling gold transport and deposition.

The GOLDtracker Scores SIMPLIFY the knowledge you need to know about targeting potential gold Locations.

- Use GoldTracker to identify possible target areas, in areas you are not familiar with.
- Use GoldTracker to identify the BEST graticules on which to lodge a 40E permit.
- you can use GoldTracker to find other areas that have a similar or BETTER rating around areas that you have already found gold.
- Use Gold Tracker to assess your own areas or GPS points that you think might be worth a look.
- Chase the Geology - use Goldtracker to identify the gold producing 1:500,000 geology types in an area then trace that geology to other areas in the app
- Use Gold Tracker to identify the best areas to lodge a tenement application thus reducing the size and ongoing cost of tenements.
- Already have a tenement, use Gold Tracker to determine which areas are best to start your soil sampling or drilling program.



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