# **NAVARRE** MINERALS

# 30 July 2015 June 2015 Quarter

# **Report to Shareholders**

# ASX Code: NML

# Navarre Minerals Limited ABN 66 125 140 105

# **Corporate Details**

*Issued capital:* 92.6M ordinary shares 2.3M unlisted options

## Directors & Management:

Kevin Wilson (Non-Executive Chairman)

Geoff McDermott (Managing Director)

John Dorward (Non-Executive Director)

Colin Naylor (Non-Executive Director)

Jane Nosworthy (Company Secretary)

Wessley Edgar (Exploration Manager)

# **Contact Details**

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# **KEY POINTS:**

# Ararat Exploration Licence (EL 5476)

- Two new outcropping gold prospects, Irvine and Benno, discovered from surface mapping and gossan sampling near Stawell, western Victoria.
- Numerous surface gold results up to 8.3 grams per tonne in rock-chip sampling recorded along the 1.6km strike of the Irvine basalt dome.

# Tatyoon Exploration Licence (EL 5480)

• 1,500m drilling program at the Grange gold prospect confirmed presence of extensive sulphide alteration as predicted in IP geophysics but assay results downgraded the prospectivity of the western flank target.

# Tandarra Exploration Licence (EL 4897)

• High-grade gold intersected in reconnaissance drilling by project manager Catalyst Metals Limited

# **Corporate**

- \$150,000 raised from placement of Entitlement Offer shortfall.
- Program of cost control measures, including salary reductions for senior management, implemented to ensure maximum funding for exploration of premier assets.

# MANAGING DIRECTOR'S REVIEW

The highlight of the quarter was the discovery of two new outcropping gold prospects, Irvine and Benno, on the Company's recently granted Ararat Exploration Licence (EL 5476), part of the 100%-owned Stawell Corridor Gold Project (Figure's 1 and 2). Over half of the rock chip samples assayed reported anomalous gold, with 20% containing more than 1g/t gold. Together with the extensive local historic alluvial workings, this represents a significant untested geochemical gold anomaly which strongly suggests Stawell-style gold mineralisation.

The Irvine and Benno prospects occupy the northern end of the historic Ararat Goldfield which is estimated to have produced approximately one million ounces of gold mainly from alluvial and deep lead production during the period 1854 to 1925.

Historically, production of primary hard-rock gold from the Ararat Goldfield was low given the richness of the alluvial deposits, and it therefore offers the Company a compelling reason to search for economic mineralisation in the vicinity of the richest alluvial gold deposits.

Navarre Minerals Limited | ABN 66 125 140 105 40 - 44 Wimmera Street | PO Box 385 | Stawell VIC 3380 Australia t +61 3 5358 8625 e info@navarre.com.au | w navarre.com.au Navarre also announced the results of the recently completed first pass drilling program at the Grange gold prospect on the Company's Tatyoon exploration licence (EL 5480), also part of the Stawell Corridor Gold Project.

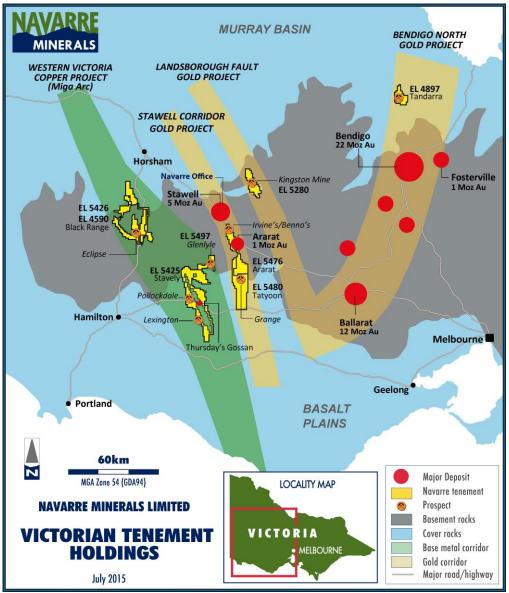


Figure 1: Location of Navarre's Victorian mineral projects.

# 1. **EXPLORATION**

# STAWELL CORRIDOR GOLD PROJECT (EL 5480 & EL 5476)

Navarre's Stawell Corridor Gold Project, incorporating the Ararat and Tatyoon exploration licences and the historic Ararat Goldfield, is located between 10 and 70 kilometres south-east of the operating Stawell Gold Mine which is owned by Navarre's largest shareholder and leading Victorian gold producer, Newmarket Gold Inc. (formerly Crocodile Gold Corp.).

Ninety percent of the prospective Stawell Corridor lies buried beneath shallow cover, only to surface between Stawell and Ararat where approximately 6 million ounces of historic and modern gold production has occurred (Figure's 1 & 2).

Navarre Minerals Limited | ABN 66 125 140 105 40 - 44 Wimmera Street | PO Box 385 | Stawell VIC 3380 Australia t +61 3 5358 8625 e info@navarre.com.au | w navarre.com.au Modern gold mining at Stawell has been continuous since 1982 and has contributed more than 2 million ounces of the total 5 million ounce historic gold production for the Stawell Goldfield. Gold mineralisation of the Stawell-style is located on the flanks of large basalt dome structures. The style of the gold mineralisation is much finer grained, more continuous and more predictable than the gold deposits typically found at Victoria's largest two goldfields at Bendigo and Ballarat.

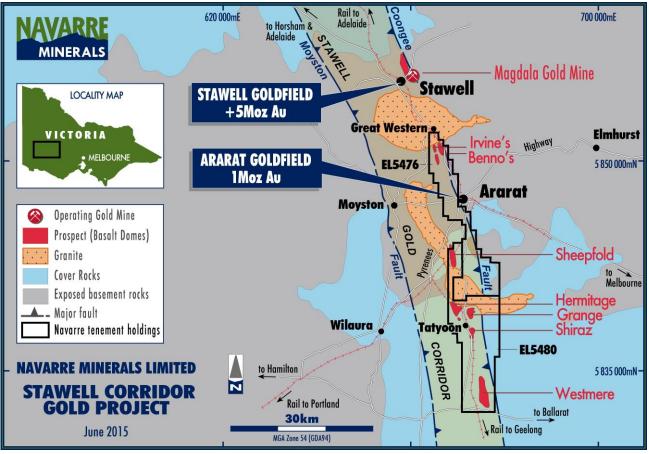


Figure 2: Plan of the Stawell Corridor Gold Project tenements and Stawell-style targets.

Ararat (EL 5476)

#### New gold prospects on Ararat licence – Irvine and Benno

Reconnaissance mapping and sampling has led to the discovery of outcropping Stawell-style basalt-contact mineralisation at the Irvine gold prospect, where gold mineralisation grading up to 8.3 g/t gold is reported from rock chip samples taken along a 1.6km strike of the basalt dome (Figure 3). Over half of the 71 rock chip samples collected during the quarter assayed over 0.1 g/t of gold and more than 20% reported higher than 1 g/t of gold (Figure 4 & Table 1; see NML's ASX release of 12 June 2015).

Geological appraisal of the larger (2.3km strike) Benno prospect is less advanced but initial sampling has produced encouraging gold results of over 1 g/t gold above a strong magnetic anomaly.

Figure 4 presents an image of airborne magnetics overlain by the locations of all rock chip samples from Irvine and Benno, together with an interpretive outline of the geology derived from geophysics, surface mapping and previous drill results.

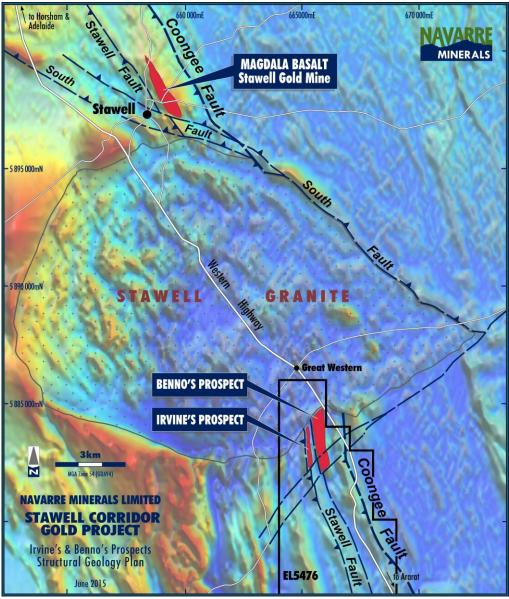


Figure 3: Aeromagnetic image and geological fault interpretation surrounding the Stawell Granite showing the symmetry of structure and location for the Stawell Gold Mine and Navarre's new prospects, Benno and Irvine, in the northern Ararat Goldfield. The named Stawell Fault south of Irvine is the interpreted equivalent fault to that near Magdala based on structural re-construction of the northern Ararat region.

Anomalous gold rock chip samples, summarized in Table 1 and shown in Figure 4, are defining several high-priority 'Stawell-style' gold mineralised surfaces. Significant gold mineralisation includes:

- 1. a basalt contact surface located on the western side of the Irvine Basalt with gold results up to 8.30 g/t;
- 2. a basalt contact surface on the eastern side of the Irvine Basalt with gold results up to 4.90 g/t;
- 3. two hangingwall surfaces (Native Youth line) comprising lines of ironstone and gossan west of the Irvine Basalt with gold results up to 3.34 g/t; and
- 4. a single outcrop of mineralised sediment at the Benno prospect with a gold result of 1.03 g/t.

Follow-up exploration is likely to include:

- 1. further geological mapping and rock chip sampling, particularly at Benno;
- 2. soil geochemical sampling; and
- 3. planning for detailed geophysical surveys to identify and refine targets for drilling.

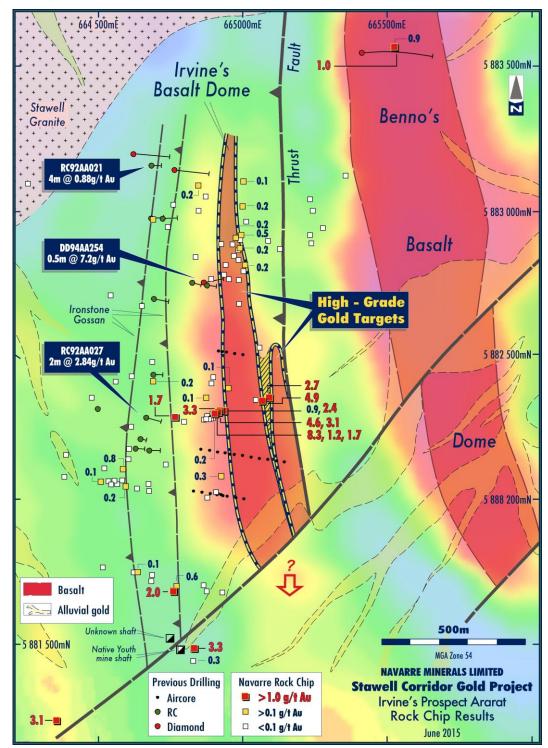


Figure 4: Gold in Rock Chip assay results from surface sampling and mapping at the Irvine and Benno prospects. Historical drill results and drill traces are also shown. The underlying image is an airborne magnetic (TMI) image. Gold grades are rounded to 0.1g/t gold.

#### Tatyoon (EL 5480)

#### Initial drill program completed at Grange gold prospect

On 12 June 2015, the Company announced the results of its first pass drill program into the Grange basalt dome target (Figure 2).

The drill program, comprising 6 RC and 3 diamond drill holes for a total of 1,500 metres, tested the main chargeability targets defined from induced polarisation ("IP") geophysical surveys. These targets were detected in basement rocks hidden beneath cover rocks comprising recent volcanics, quartz gravels and sands.

The drilling intersected broad zones of disseminated sulphide (pyrite and/or pyrrhotite) alteration and associated quartz veining within meta-sediments adjacent to the Grange basalt dome. This is interpreted to be of sufficient intensity and distribution to explain the IP chargeability response.

The sulphide alteration located on the west flank of the dome appears to lack the intensity required to form economic mineralisation, where tested. The west flank basalt contact was also revealed to be complexly mixed with surrounding meta-sediments. In line with these observations, assay results returned from all holes which achieved target depths report minor gold mineralisation. The best result was 1m @ 1.18 g/t gold from 94m downhole in RCT005 (see NML ASX release 12 June 2015). The results have down-graded the prospectivity of the western side of the Grange basalt dome.

Following completion of first pass drilling at Grange, the Company is appraising the Hermitage and Shiraz basalt domes as well as the east flank of the Grange dome. In conjunction with Monash University researchers, additional gravity surveying has been acquired and is being processed to refine the geometry and position of these basalt dome structures beneath the cover sequences.

#### TANDARRA GOLD PROJECT (EL 4897)

The Tandarra Gold Project is a greenfields gold discovery under shallow cover, 40km north of the 22 million ounce Bendigo Goldfield (Figure 1). Project manager Catalyst Metals Limited ("Catalyst") has the right to earn a 51% equity interest in the Tandarra Gold Project by incurring exploration expenditure of \$3 million over four years to September 2018.

On 29 July 2015 Catalyst reported that it had completed its first reconnaissance air-core drilling program at Tandarra under its stewardship, which comprised 3,853 metres of reconnaissance air-core drilling in 31 holes on 3 drill traverses (refer Catalyst ASX release 29 July 2015).

The highlight of the drilling was an intersection of high-grade gold and another significant zone of mineralisation, approximately 500 metres apart:

- 2.0m @ 33.1 g/t Au including 1.0 m @ 65.6g/t Au from 129 metres (ACT221)
- 5.0m @ 0.5 g/t Au from 78 metres (ACT202)

These intersections are located about seven kilometres north on strike of the main zone of high grade gold mineralisation at the Tomorrow Prospect and approximately seven kilometres south of Catalyst's Four Eagles Gold Project (Figure 5). This new zone of mineralisation is virtually untested over a 14 kilometre strike and will require considerably more air-core drilling to evaluate the potential.

Catalyst also reported it had commenced an evaluation of drill results at the Tomorrow Prospect in preparation for completing a mineralisation report by December 2015.

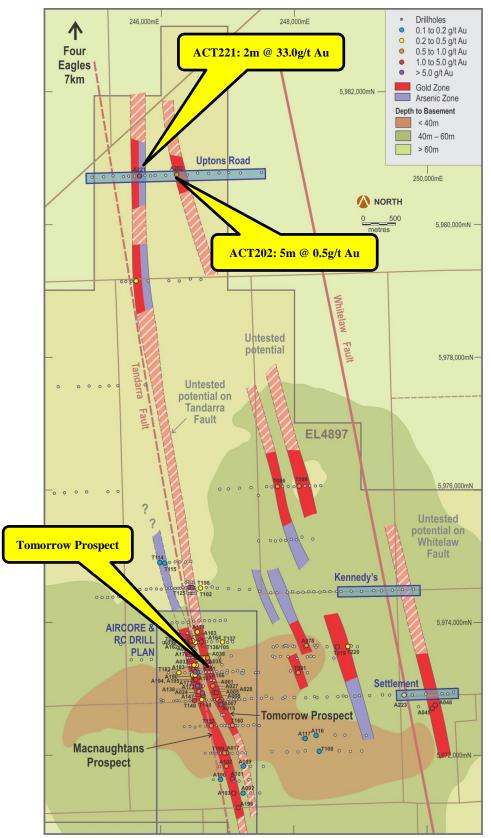


Figure 5: Tandarra Gold Project showing interpreted gold zones and air core drilling (map reproduced courtesy of Catalyst Metals Limited; see Catalyst Metals ASX release 29 July 2015).

#### WESTERN VICTORIA COPPER PROJECT (ELs 4590, 5425, 5426 & 5497)

Navarre's 100%-owned Western Victoria Copper Project captures multiple, largely untested targets in 130km of Miga Arc volcanics (Figure 1), including the Eclipse, Lexington, Glenlyle and Pollockdale prospects. The Miga Arc is recognised as a continental margin arc setting similar to the Andes, host to the world's largest known copper porphyry deposits.

Most areas across the Miga Arc are presently being geologically re-interpreted at a regional scale by the Geological Survey of Victoria, including the Black Range exploration licence area using Navarre's high resolution aeromagnetics, and the Eclipse Prospect where new gravity data was obtained in the quarter by Monash University researchers.

#### LANDSBOROUGH FAULT GOLD PROJECT (EL 5280)

No exploration activity was undertaken during the quarter.

# 2. ACTIVITIES PLANNED FOR THE SEPTEMBER QUARTER

#### Stawell Corridor Gold Project:

- Further geological mapping and rock chip sampling, at Irvine and Benno;
- Soil geochemical sampling; and
- Commencement of detailed geophysical surveys to identify and refine targets for drilling.

#### Tandarra Gold Project (managed by Catalyst Metals Limited):

- Preparation of Tomorrow Prospect mineralisation report
- Plan infill and step-out drill program as follow-up to high-grade gold

# 3. CORPORATE

#### Capital raising

As announced on 24 April 2015, the Company completed a placement of 5,000,000 shortfall shares (**Shortfall Shares**) from its 1 for 4 non-renounceable pro rata entitlement offer (**Entitlement Offer**), which closed on 13 March 2015, to raise an additional \$150,000.

The Shortfall Shares were issued at the Entitlement Offer price of \$0.03 per share to professional and sophisticated investors, including major shareholder Newmarket Gold Inc., which subscribed for 2,000,000 Shortfall Shares.

#### Review of Research & Development Tax Incentive Registration

The Company's R&D tax incentive registration for the 2011/12 year remains under review by AusIndustry, following notification in December 2014 that the registration was considered to have a high risk of non-compliance with the eligibility requirements of the R&D Tax Incentive program. During the quarter, the Company submitted further additional evidence in support of its claimed R&D activities.

The Company and its external R&D tax consultants continue to believe that the Company's R&D registration is in compliance with the requirements of the R&D Tax Incentive program. However, there is a risk that AusIndustry may disagree with the Company's assessment of the eligibility of its claimed R&D activities under the program and make a finding that some or all activities are ineligible under the program.

Navarre is awaiting AusIndustry's response to the Company's submissions.

#### Cash position

The cash balance as at 30 June 2015 was \$0.5 million (\$0.9 million at 31 March 2015).

#### Cost Management and Control

As a result of external economic conditions and the prevailing market sentiment towards resource companies, Navarre is implementing a range of cost reduction measures to ensure it manages its cash position while retaining the ability to undertake further exploration, in particular on the two new gold prospects, Irvine and Benno, recently identified as part of the Company's Stawell Corridor Gold Project.

All staff have agreed to reductions in salary or hours of work, including a 40% salary reduction for the Managing Director, and the Company's non-executive directors have agreed to defer payment of directors' fees. It is expected that these measures will be in place until such time as the Company's cash position improves significantly as the result of improved economic conditions, exploration success and/or better access to equity markets.

In accordance with the Company's remuneration philosophy, the Company is considering issuing equity incentives, such as shares or share options, in lieu of salary forgone by senior management or directors. Shareholder approval will be required for any equity incentives to be granted to directors.

The Company is also implementing a number of additional cost cutting measures, including reductions in staffing levels and overheads.

Together, these measures are expected to deliver a significant reduction in corporate overheads.

Commenting on the changes, Navarre Managing Director, Geoff McDermott, said, "The Company continues to be mindful of the external economic conditions currently affecting the resource industry and has responded with a considered and methodical program of cost control while continuing to explore its premier exploration assets."

## 4. MINERAL TENEMENT PORTFOLIO

The mineral tenement holding of the Navarre Minerals Limited Group (including Navarre's wholly-owned subsidiary Black Range Metals Pty Ltd) at 30 June 2015 is:

Name	Tenement	Tenure Type	Status	NML Group Interest					
TANDARRA GOLD PROJECTS (north of Bendigo, Victoria)									
Tandarra	EL 4897	Exploration Licence Granted 100%*							
LANDSBOROUGH FAULT GOLD PROJECT (east of Stawell, Victoria)									
Kingston	EL 5280	Exploration Licence Granted 100%		100%					
STAWELL CORRIDOR GOLD PROJECT (south of Stawell, Victoria)									
Ararat	EL 5476	Exploration Licence Granted 100%		100%					
Tatyoon	EL 5480	Exploration Licence	Granted	100%					
WESTERN VICTORIA COPPER PROJECT (west of Stawell, Victoria)									
Black Range	EL 4590	Exploration Licence Granted 100%		100%					
Stavely	EL 5425	Exploration Licence Granted		100%					
Cherrypool	EL 5426	Exploration Licence Granted 100%		100%					
Glenlyle	EL 5497	Exploration Licence Granted 100%		100%					

\*The Company has granted Catalyst Metals Limited the right to earn a 51% interest in Tandarra by expenditure of \$3 million over a four year period to September 2018.

The Company's beneficial interests in any farm-in or farm-out agreements did not change during the quarter, except as specifically stated elsewhere in this Report.

– ENDS –

#### **About Navarre Minerals Limited:**

Navarre Minerals Limited (ASX: NML) is an Australian-based resources company that is creating value from a portfolio of early to advanced stage gold and copper projects in Victoria, Australia.

Navarre is searching for gold deposits in the partially covered extension of a corridor of rocks that host the Stawell (~5 million ounce) and Ararat (~1 million ounce) goldfields. The discovery of outcropping gold at Irvine and Benno prospects is a prime focus for the Company in 2015. These are located only 15km south of the operating Stawell Gold Mine which is owned by Navarre's largest shareholder and leading Victorian gold producer, Newmarket Gold Inc.

The Company is also targeting large VMS and porphyry- copper and gold deposits. The Western Victoria Copper Project captures multiple, largely untested targets in 130km of western Victoria's Miga Arc volcanics. Grassroots exploration of the Company's extensive exploration permits is at an early stage and more than 50 new targets remain to be thoroughly drill tested.

At the high-grade Tandarra prospect within the North Bendigo Goldfield of central Victoria, exploration work is targeting the next generation of gold deposits under shallow cover 40kms north of the 22 million ounce Bendigo Goldfield. Under a farmout agreement, Catalyst Metals Limited is earning a 51% equity interest in Tandarra by spending \$3 million over four years by advancing the project towards mineral resource status.

Navarre has an experienced leadership team with 120 combined years of exploration, mining and finance industry experience with a proven track-record of discovery and project development.

For further information, please visit <u>www.navarre.com.au</u> or contact:

Geoff McDermott Managing Director E: <u>info@navarre.com.au</u> T: +61 (0)3 5358 8625

#### **Competent Person Declaration**

The information in this release that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Wessley Edgar, who is a Member of The Australasian Institute of Mining and Metallurgy and who is Exploration Manager of Navarre Minerals Limited. Mr Edgar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Edgar consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.

#### Forward-Looking Statements

This announcement contains "forward-looking statements" within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "believe", "continue", "objectives", "outlook", "guidance" or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Navarre and any of its officers, employees, agents or associates. Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Exploration potential is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource. Readers are cautioned not to place undue reliance on forward-looking statements and Navarre assumes no obligation to update such information.

			Au	As	Cr	
Sample_ID	MGA_East	MGA_North	g/t	ppm	ppm	Description
G463	664596.47	5882047.27	0.23	341	170	Foliated Mn-Ironstone
G466	664514.05	5882064.34	0.11	398	51	Ironstone
G474	664979.14	5882909.07	0.18	40	54	Quartzite (sediment), laminated, limonite staining
G475	664998.44	5883017.39	0.19	40	54	Mn Ironstone
G476	665003.51	5883102.25	0.12	127	35	Mn-Fe (limonite) stained sandstone
G481	664876.87	5882354.41	0.14	73	17	Mn-Fe-Quartz stone
G482	664914.07	5882303.32	4.65	3450	468	Oxidised hematite-limonite rock after basalt/ volcanogenics?
G484	664767.35	5882287.16	1.71	1285	229	Foliated Mn-Ironstone
G487	664589.81	5882107.34	0.80	827	130	Mn-Fe sandstone
G495	664693.45	5882413.69	0.26	398	52	Mn-Ironstone
G498	664690.93	5882972.88	0.55	224	29	Quartz-limonite Ironstone / foliated meta-siltstone (mine schist)
G500	664772.26	5881702.56	0.58	208	57	Quartzite sediment with hematite-limonite & sulphide casts
G505	664637.89	5881751.04	0.11	163	25	Manganese-quartz Ironstone
G510	664763.73	5881685.21	1.98	238	33	Foliated quartzite sediment with limonite staining
G514	664384.84	5881256.33	3.12	97	26	Quartzite sediment with limonite & sulphide casts
G517	664830.32	5881442.21	0.30	88	36	Quartzite sediment with hematite staining
G518	664831.55	5881483.43	3.34	273	14	Quartzite sediment with limonite staining & sulphide casts
G526	665529.57	5883550.50	1.03	315	58	Cambrian brown siltstone, brittle fracture infill cream silica – Benno's Prospect
G526a	665529.57	5883550.50	0.86	276	89	Cambrian brown siltstone, brittle fracture infill cream silica- Benno's Prospect
G529	664897.69	5882299.25	0.16	43	14	Quartz vein
G530	664908.43	5882298.99	8.33	3710	412	Quartz vein
G531	664908.99	5882299.53	1.16	1685	114	Quartz vein
G532	664909.43	5882300.23	1.69	1545	76	Quartz vein
G533	664913.48	5882303.16	3.14	3170	313	Quartz vein
G534	664923.53	5882310.03	3.34	687	74	Quartz vein
G535	664937.41	5882307.42	2.41	656	78	Fe-Quartz vein
G536	664938.02	5882307.74	0.88	675	85	Fe-Quartz vein
G540	664848.05	5883086.82	0.19	636	56	Foliated Ironstone
G579	664997.25	5882914.63	0.55	133	160	Quartzite sediment with limonite staining
G581	664986.46	5882865.14	0.16	32	27	Quartzite sediment with quartz foliations
G585	665008.83	5882812.51	0.18	50	63	Quartzite sediment with minor limonite
G590	664946.48	5882387.66	0.11	27	48	Quartzite sediment with hematite staining
G591	665094.34	5882350.97	2.70	18	24	Laminated quartzite sediment
G592	665071.02	5882339.24	4.90	107	20	Quartzite sediment with sulphide pits
G597	664922.08	5882080.55	0.28	9	26	Laminated quartzite sediment with hematite staining

## Table 1: Irvine and Benno prospects rock chip sample locations & gold assay results for samples >0.1 g/t