

Report for the Quarter Ending 30th June, 2013 26th July, 2013

Highlights during the quarter

- Managing Director, Rebecca Holland-Kennedy and Technical Director Phil Clifford appointments announced 9th April.
- Musgrave Project, South Australia: Completed ground electro-magnetic survey of V-TEM/SkyTEM⁵⁰⁸ targets which has provided at least seven conductivity targets worthy of drill testing. Infill drilling across VTEM prospect areas. Regolith mapping and vacuum soil drilling geochemical results confirm underlying prospective mafic rocks at the Yagen and Alma Prospects.
- ◆ Curnamona Project, South Australia: Drilling of 4.2km strike length along the outcropping Braemar Iron Formation within the Mt Victor Tenement EL4965 completed 17 boreholes for 2,978m with intersections of up to 181metres of 25.7% Fe confirming the potential for a significant Iron ore prospect within the tenement.
- Salta Project, Argentina, tenement conversion to mining lease granted 27th June covering 35 km².
- On 24th June the Company announced a pro-rata Non-renounceable entitlement issue of options to raise up to \$767,853 and on exercise of options up to \$3,839,266.
- ♦ At the end of the quarter the Company held \$0.94 million in cash.







Project Locations

SOUTH AUSTRALIA

Musgrave Province Project

Exploration activities to further examine the magmatic nickel – copper sulphide targets within the Cooperinna Block of EL4587 (100% PepinNini) have continued during the quarter. Infill vacuum drilling has been ongoing at the Yagen, Alma, and Cactus prospects with the aims of extending bedrock mapping beneath shallow cover, and to test the geochemical dispersion patterns across each of the prospect areas. Geochemical analyses of regolith samples have returned maximum values of 260ppm Ni and 350ppm Cu from the Alma Prospect and 470ppm Ni and 130ppm Cu from the Yagen Prospect.

Ground electro-magnetic (EM) surveying of priority V-TEM targets in the Cooperinna Block was completed in late May. The ground EM surveys were undertaken to refine, model and prioritise the targets for diamond drill testing with the company owned drill rig.



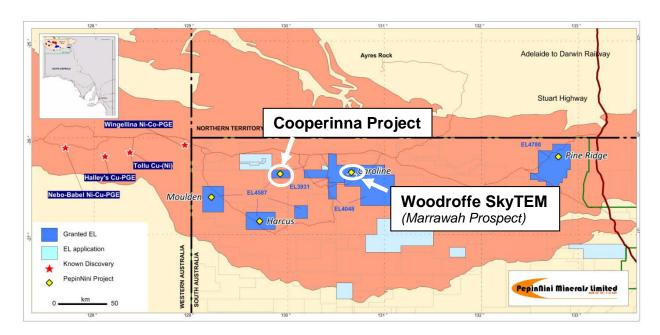
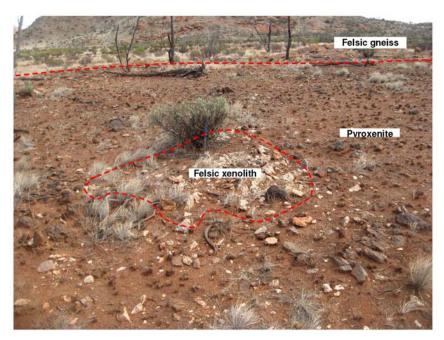


Figure 1 - Tenement Location Plan

Five lines of moving loop electromagnetic (MLEM) surveying and eleven fixed loop electromagnetic (FLEM) surveys were completed for a combined total of approximately 1200 station readings covering some 20.6 km of linear profiles across the selected targets. The data acquisition was undertaken across anomalous conductivity features identified from the airborne V-TEM / SkyTEM508 surveys flown during 2012. The detailed ground surveys enabled PepinNini to refine and prioritise prospective targets for further drill testing.

Most of the modelled ground EM drill targets are closely associated with a discordant 4.5km x 500m curvilinear magnetic response that is interpreted to represent a large irregular "chonolith" intrusion of Giles Complex mafic rocks. The interpreted outline of the Yagen Intrusion represents



the concealed extension of intrusive mafic rocks (pyroxenite and gabbro) mapped at the Yagen Prospect (figure 2). Major and trace element geochemical analysis of sub-cropping rocks at the Yagen Prospect have confirmed highly encouraging similarities with the rocks linked to the Ni-Cu mineralisation at the Nebo-Babel Deposit in the western Musgrave Region thus confirming the Ni-Cu potential of these targets.

Figure 2 - Sub-cropping Giles Complex Intrusion, Yagen Prospect, Cooperinna block (EL4587)



Conductivity targets within the Venus and Alma Prospects have been tested by the drilling of three diamond holes (DD13COP018-020). The source of each anomaly has conclusively been attributed to the occurrence of a graphitic gneiss or graphitic shear package. Each of the holes did however contain evidence of the crystalline basement being invaded / intruded by magmatic mafic melt which often contained disseminated sulphide occurrences. To date the suphide accumulations observed are dominantly pyrrhotite (the iron-rich variety). Drilling of the remaining ground EM targets using the Company owned diamond drill rig is ongoing.

Infill vacuum soil drilling was completed across V-TEM targets with the Cooperinna Block during the Q1-Q2 2013. The vacuum drilling is a low impact and cost effective way to penetrate friable cover sediments and extract samples from the weathered bedrock interface for geochemical analysis. The technique is often capable of penetrating the weathered bedrock sufficiently enough to enable identification of the basement rock type and so it is very useful in sub-surface mapping.

Two hundred and seventy nine (279) samples collected from two hundred and twenty five (225) vacuum (soil) holes across the Yagen, Alma, Pegasus, Cactus and Deception Prospects have returned analytical results of up to; 480ppm nickel, 320ppm copper, 280ppm cobalt, 780ppm chrome, 12.1ppb platinum, 21ppb palladium, and 161ppb gold. These geochemical results have assisted in the recognition of more prospective portions of the interpreted mafic intrusion and have contributed to the bedrock mapping of the prospect areas.

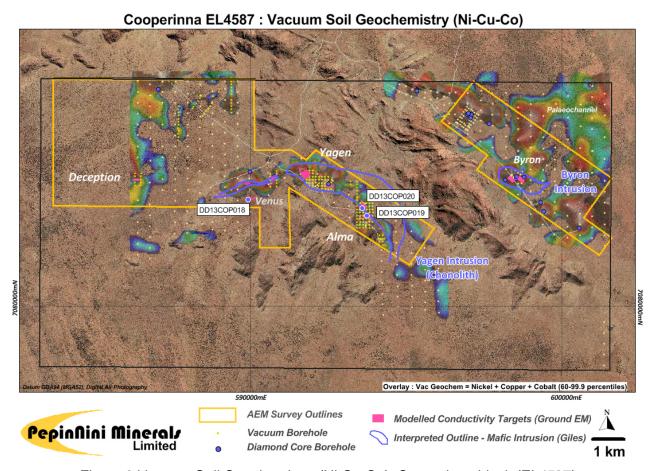


Figure 3 Vacuum Soil Geochemistry (Ni-Cu-Co), Cooperinna block (EL4587)

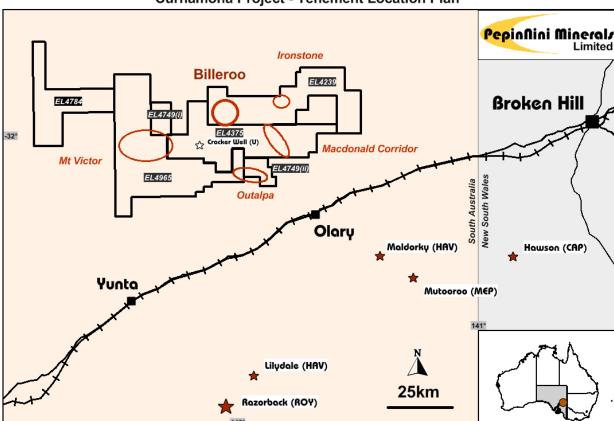


Vacuum soil nickel copper cobalt (Ni-Cu-Co) geochemistry demonstrates that the western end and south western margin of the Yagen Intrusion (Chonolith) may host the most prospective portions of the interpreted mafic intrusion which includes both the Yagen and Alma Prospects (figure 3).

In addition to the exploration work within the Cooperina Project, heritage clearance approvals were received for work to commence across the Marrawah Prospect (EL5185 "Woodroffe") which covers a priority-1 airborne electromagnetic target identified from the airborne SkyTEM508 survey flown across the Caroline Intrusion during 2012. The Marrawah Prospect (figure 1) is located within EL5185 "Woodroffe" (formerly EL3931) which is part of the Rio Tinto Joint Venture Agreement where PepinNini is in the process of earning 51% of the project. Fixed loop ground electromagnetic ground surveying has been completed and a category 1 target has been defined and recommended for bedrock drill testing using the Company owned diamond drill rig during the upcoming quarter.



Curnamona Province Project



Curnamona Project - Tenement Location Plan

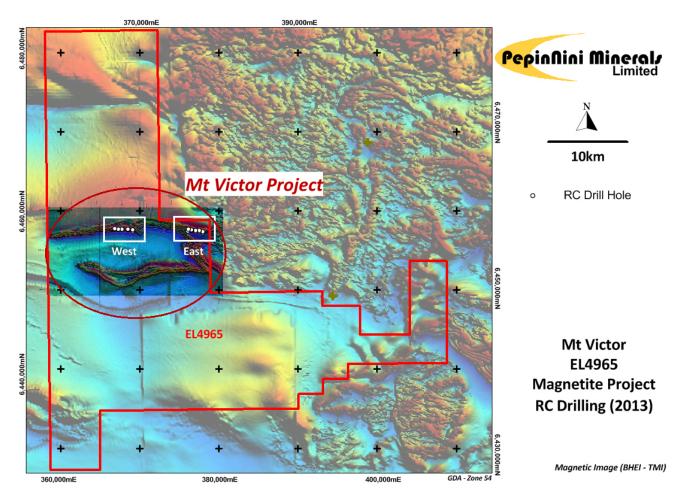
Exploration within the Curnamona Province Project area, which includes the Crocker Well Uranium Deposit, is being managed by Sinosteel PepinNini Curnamona Management Pty Ltd (SPCM) on behalf of the Joint Venture partners Sinosteel Corporation (60%) and PepinNini Minerals (40%). The Joint Venture has prioritized the investigation of the iron ore potential of the five tenements covering approximately 3,605 kms² held by the Joint Venture.

Braemar Iron Formation

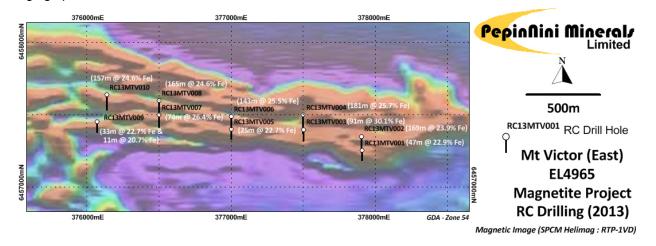
Three significant target areas have been identified within the Joint Venture tenements and have been designated as the Mt Victor Iron Ore Prospect (EL4965 Mt Victor), the Macdonald Corridor Iron Ore Prospect (EL4375 Bimbowrie) and the Outalpa Iron Ore Prospect (EL4749 Outalpa & EL4965 Mt Victor). Each of the prospects has the potential to host a very large magnetite iron ore prospect which could be beneficiated to a high grade blast furnace feed product at a very competitive cost relative to other magnetite prospects currently under development consideration elsewhere in Australia.

A drilling program to assess the potential magnitude and metallurgical characteristics of the magnetite resource over a 4.3km strike length of the outcropping Braemar Iron Formation at the Mt Victor Iron Ore Prospect was completed in May 2013.

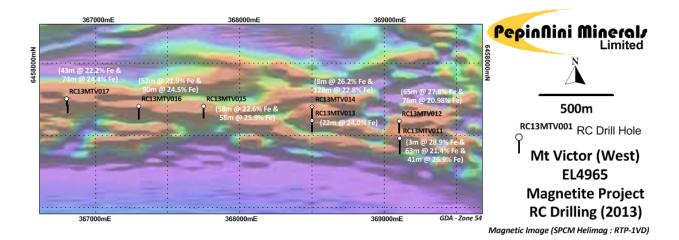




Intersections of the formation were from outcrop to a maximum depth of 250m with interval thicknesses ranging up to 181m.







Reported assay intervals range from 18.46 to 31.97% Fe, and include SiO2% from 36.22% to 51.75%, S% from 0.002% to 0.195% and P% from 0.177% to 0.373%. The Fe% reported are total Fe values which incorporate both Magnetite and Hematite.



Drilling intersections, assay results and borehole locations are tabulated in table 1 below.

Hole_No	GDA_E	GDA_N	Dip/Azimuth	DEPTH (m)	-	From (m)	To (m)	Interval (m)	Fe%	Р%	S %	SiO ₂
RC13MTV001	377908	6457254	-60°/172° (mag)	136		30	77	47	22.93	0.277	0.004	44.14
RC13MTV002	377902	6457351	-60°/172° (mag)	214		10	179	169	23.94	0.293	0.011	44.29
					incl	10	137	127	25.52	0.324	0.009	43.34
					incl	162	179	17	24.72	0.259	0.010	41.20
RC13MTV003	377502	6457399	-60°/172° (mag)	154		7	98	91	30.07	0.273	0.002	40.45
RC13MTV004	377500	6457499	-60°/172° (mag)	250		69	250	181	25.72	0.311	0.010	42.57
					incl	162	200	38	31.49	0.353	0.003	36.80
RC13MTV005	377003	6457400	-60°/172° (mag)	130		3	28	25	22.75	0.279	0.004	44.49
					and	37	52	15	18.46	0.177	0.004	49.89
RC13MTV006	377003	6457488	-60°/172° (mag)	202		2	145	143	25.49	0.301	0.007	42.57
					incl	63	95	32	31.63	0.349	0.002	36.75
RC13MTV007	376502	6457499	-60°/172° (mag)	160		5	79	74	26.42	0.307	0.019	41.80
					incl	9	37	28	31.95	0.360	0.002	36.22
					and	81	95	14	19.46	0.197	0.004	50.08
RC13MTV008	376501	6457600	-60°/172° (mag)	202		17	182	165	24.59	0.306	0.014	42.88
					incl	17	82	65	26.09	0.351	0.007	41.51
					incl incl	90 93	182	92	24.67	0.286	0.013	42.69
RC13MTV009	376072	6457454	60°/172° (mag)	136	inci	1	131 34	<i>38</i> 33	<i>29.86</i> 22.69	0.350 0.227	0.005 0.004	<i>37.86</i> 43.58
KC13W11V009	370072	0437434	-60°/172° (mag)	130								
					and	101	112	11	20.70	0.177	0.006	45.55
RC13MTV010	376139	6457639	-60°/172° (mag)	202		9	166	157	24.65	0.325	0.006	42.64
					incl	9	82	73	25.36	0.368	0.005	41.91
					incl incl	91 104	166 129	75 25	25.55 31.72	0.303 0.373	0.005 0.003	41.69 36.52
RC13MTV011	369108	6457477	-60°/172° (mag)	202	mer	20	23	3	28.90	0.291	0.005	37.87
	505100	0437477	00 / 1/2 (11105)	202	and	73	136	63	21.39	0.209	0.004	44.40
					and	157 169	198 189	41 20	26.93 <i>30.72</i>	0.211 0.232	0.002 0.002	38.32 33.68
RC13MTV012	369101	6457599	-60°/172° (mag)	160	incl	15	80	65	27.81	0.326	0.002	39.49
KC13W11V012	303101	0437333	-00 /1/2 (Illag)	100	incl	38	53	15	31.63	0.339	0.011	37.24
					incl	63	78	15	31.97	0.368	0.005	36.46
					and	83	159	76	20.98	0.257	0.004	45.63
RC13MTV013	368499	6457601	-60°/172° (mag)	148		0	20	20	18.49	0.216	0.145	51.75
NOIS NOIS	300433	0437001	00 / 1/2 (mag)	140	and	106	128	22	24.05	0.206	0.003	41.52
	260400	6457600	600/4720/	100	anu							
RC13MTV014	368499	6457698	-60°/172° (mag)	166		2	10	8	26.23	0.373	0.195	44.85
					and	31	159	128	22.86	0.261	0.004	43.99
					incl	51	68	17	30.73	0.327	0.003	36.66
RC13MTV015	367749	6457702	-60°/172° (mag)	160		27	85	58	22.61	0.335	0.006	46.10
					and	102	160	58	25.94	0.304	0.004	41.03
					incl	116	130	14	31.63	0.337	0.005	36.96
DC12NT C15	267222	CAFTTOC	C08/4728 / '	172	incl	137	147	10	30.93	0.373	0.002	37.29
RC13MTV016	367300	6457701	-60°/172° (mag)	172	to at	7	59	52	21.98	0.306	0.007	44.49
					incl	26	41	15	28.36	0.382	0.002	39.93 42.61
					and	74	164	90	24.49	0.288	0.005	42.61
RC13MTV017	266001	6457751	-60°/172° (ma=)	194	incl	89 40	119	<i>30</i>	30.19	0.349	0.004	<i>37.68</i>
KC13M1A01	366801	6457751	-60°/172° (mag)	184		40	83	43	22.26	0.312	0.012	46.01
					and	96	170	74	24.41	0.277	0.023	42.31
					incl	108	131	23	30.61	0.325	0.021	38.00

Table 1 – Mt Victor Drilling and Assay Results Summary

Note - All holes drilled at -60 degrees dip / 172 degrees Azimuth (mag) All quoted meterage intercepts are reported as down hole depths Assay intervals are averaged from 1m sample results



WESTERN AUSTRALIA

Robinson Range Iron Ore Project

The Robinson Range Project comprises seven tenements that cover approximately 700km². PepinNini has a 50% interest in the iron ore contained within three tenements and a 40% interest in the iron ore contained within the other four tenements and manages exploration on behalf of the Joint Venture partners. PNN Area C is located within exploration tenement E51/1033 held by PepinNini Robinson Range Pty Limited (40%), Resource and Investment NL (ASX:RNI) (40%) and Fe Limited (ASX:FEL) (20%).

The joint venture has delineated an Inferred Mineral Resource for PNN Area C as follows; (*PNN ASX Release 6th June, 2012*);

Inferred Mineral Resource Estimate for PNN Area C (June, 2012)

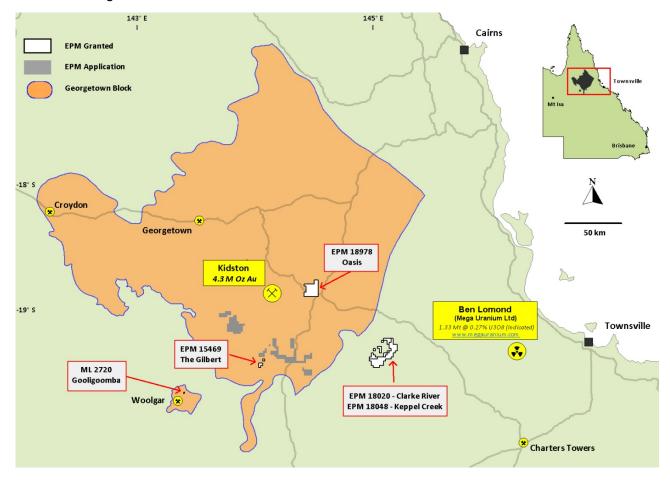
Million Tonnes	Cut Off %Fe	Density SG	Fe %	SiO ₂ %	Al ₂ O ₃ %	P %	S %	TiO ₂ %	LOI %
17.7	45	3.6	49.7	13.3	8.5	0.06	0.04	0.29	5.4
4.3	52	3.8	55.2	8.5	6.5	0.06	0.05	0.21	4.7

No field activities were undertaken on the project during the quarter.



NORTH QUEENSLAND

PepinNini Minerals continues to hold five tenements in North Queensland following the sale of six tenements completed during the previous quarter. Three of the remaining licences are considered prospective for uranium and cover 415km². The Company is considering options regarding these tenements following the Queensland Government announcement on 22nd October 2012 lifting its uranium mining ban.



Queensland Tenement Regional Location Plan – 30 June 2013



ARGENTINA

Salta Project

During the quarter a mining lease(Mina Santa Ines II) covering 35 km² was granted and now PepinNini have three granted exploration leases(cateo), two granted mining leases and five applications for mining leases covering approximately 335 kms² in the Argentine province of Salta. The Salta Project comprises two separate areas designated as Santa Ines and Chivinar and the Santa Ines Project comprises two granted mining leases, five mining lease applications and one granted exploration tenement covering approximately 82 km². The Chivinar Project comprises 2 granted exploration leases and covers 253 kms².

No field activities were undertaken on the project during the quarter.

Significant assay results for grab samples collected from a historic mine working confirm potential

for high grade copper and gold mineralization within the Santa Ines Project Area. PepinNini is progressing plans to target this area with ground geophysical surveys to identify priority drill targets. There is no evidence of any modern exploration work having been undertaken at Santa Ines and no historical data is available

This project logistically benefits by being only 5kms from the Salta-Antofagasta railway and is easily accessed using existing roads and tracks.



The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Phil Clifford BSc MAusIMM. Phil Clifford is the Technical Director of PepinNini Minerals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Phil Clifford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

For further information please contact:

Rebecca Holland-Kennedy Managing Director, PepinNini Minerals Limited Phone: (08) 8218 5000

Note: Additional information on PepinNini Minerals Limited can be found on the website: www.pepinnini.com.au

Rule 5.3

Appendix 5B

Mining exploration entity quarterly report

 $Introduced\ 01/07/96\ \ Origin\ Appendix\ 8\ \ Amended\ 01/07/97,\ 01/07/98,\ 30/09/01,\ 01/06/10,\ 17/12/10$

* T	-	
Name	ot	entity

PepinNini Minerals Limited

ABN

55 101 714 989

Consolidated statement of cash flows

Cash flows related to operating activities

1.1 Receipts from product sales and related debtors

Payments for (a) exploration & evaluation

Quarter ended ("current quarter")

Jun 2013

Current quarter year to date (12 months) \$A'000

\$A'000

1.4 302

Payments for (a) exploration & evaluation	(602)	(2,214)
(b) development		
(c) production		
(d) administration	(255)	(947)
Dividends received		
Interest and other items of a similar nature received	12	45
Interest and other costs of finance paid		
Income taxes paid/refund	-	418
Other (provide details if material)	100	107
Net Operating Cash Flows	(731)	(2,289)
Cash flows related to investing activities		
Payment for purchases of: (a) prospects		
(b) equity investments		
(c) other fixed assets		
Proceeds from sale of:		
(a) prospects	-	850
(b) equity investments		
(c) other fixed assets		
Loans to other entities		
Loans repaid by other entities		
Other (provide details if material)		
Net investing cash flows	-	850
	(b) development (c) production (d) administration Dividends received Interest and other items of a similar nature received Interest and other costs of finance paid Income taxes paid/refund Other (provide details if material) Net Operating Cash Flows Cash flows related to investing activities Payment for purchases of: (a) prospects (b) equity investments (c) other fixed assets Proceeds from sale of: (a) prospects (b) equity investments (c) other fixed assets Loans to other entities Loans repaid by other entities Other (provide details if material)	(b) development (c) production (d) administration (d) administration (255) Dividends received Interest and other items of a similar nature received Interest and other costs of finance paid Income taxes paid/refund Other (provide details if material) Net Operating Cash Flows Cash flows related to investing activities Payment for purchases of: (a) prospects (b) equity investments (c) other fixed assets Proceeds from sale of: (a) prospects (b) equity investments (c) other fixed assets Loans to other entities Loans repaid by other entities Other (provide details if material)

forward)

Total operating and investing cash flows (carried

1.13

17/12/2010 Appendix 5B Page 1

(731)

(1,439)

⁺ See chapter 19 for defined terms.

Appendix 5B Mining exploration entity quarterly report

1.13	Total operating and investing cash flows (brought forward)	(731)	(1,439)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	-	676
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings		
1.17	Repayment of borrowings		
1.18	Dividends paid		
1.19	Other (provide details if material)		
	Net financing cash flows	-	676
	Net increase (decrease) in cash held	(731)	(763)
1.20	Cash at beginning of quarter/year to date	1,672	1,704
1.21	Exchange rate adjustments to item 1.20		
1.22	Cash at end of quarter	941	941

Payments to directors of the entity and associates of the directors

Payments to related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	104,333
1.24	Aggregate amount of loans to the parties included in item 1.10	

1.25 Explanation necessary for an understanding of the transactions

2. Managing Director, Technical Director and non executive directors, Superannuation \$9.052	1.	Managing Director, Technical Director and non-executive directors' Remuneration	\$95,381	
2. Infallaging Director, Technical Director and non-executive directors Superalindation	2.	Managing Director, Technical Director and non-executive directors' Superannuation	\$8,952	

Non-cash financing and investing activities

2.1	Details of financing and investing transactions which have had a material effect on consolidated
	assets and liabilities but did not involve cash flows

2.2	Details of outlays made by other entities to establish or increase their share in projects in which the
	reporting entity has an interest

Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities		
3.2	Credit standby arrangements		

Appendix 5B Page 2 17/12/2010

⁺ See chapter 19 for defined terms.

Estimated cash outflows for next quarter

4.4	Administration	200
4.3	Production	
4.2	Development	
4.1	Exploration and evaluation	500
		\$A'000

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.		Current quarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	191	858
5.2	Deposits at call	750	814
5.3	Bank overdraft		
5.4	Other (provide details)		
	Total: cash at end of quarter (item 1.22)	941	1,672

Changes in interests in mining tenements

6.1 Interests in mining tenements relinquished, reduced or lapsed

6.2 Interests in mining tenements acquired or increased

Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
EL4749 SA	Expiry(<i>pending subsequent EL</i>)	40%	0%
Mina 21.497 Argentina			3,500 hectares
E52/1613 WA	Renewal granted	0 km ²	40%
EL5268 SA	8 SA Granted		47 km ²

17/12/2010 Appendix 5B Page 3

⁺ See chapter 19 for defined terms.

Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	Preference +securities (description)			o) (defile)	(comb)
7.2	Changes during quarter				
	(a) Increases through issues				
	(b) Decreases through returns of capital, buy- backs, redemptions				
7.3	*Ordinary securities	115,177,993	115,177,993	N/A	N/A
7.4	Changes during quarter				
	(a) Increases through issues				
	(b) Decreases through returns of capital, buy- backs				
7.5	+Convertible debt securities (description)				
7.6	Changes during quarter				
	(a) Increases through issues(b) Decreases through securities matured, converted				
7.7	Options (description and conversion factor)	2,500,000 2,500,000 1,600,000	0(employee) 0(employee) 0(employee)	Exercise price 4c 6c 12.5c	Expiry date 1 Jun 16 1 Jun 16 1 Jun 16
7.8	Issued during quarter	2,500,000 2,500,000 1,600,000	0(employee) 0(employee) 0(employee)	4c 6c (from 1 Nov 13) 12.5c (from 1 Jun 14)	1 Jun 16 1 Jun 16 1 Jun 16
7.9	Exercised during quarter				
7.10	Expired during quarter	250,000	0(employee)	5.5c	31 Dec 14
7.11	Debentures (totals only)				
7.12	Unsecured notes (totals only)				

⁺ See chapter 19 for defined terms.

Appendix 5B Page 4 17/12/2010

Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act.
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here: A. A. Hall d - Kennegy Date: ... Friday 26th July 2013

Print name: Rebecca Holland-Kennedy

Notes

- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 Issued and quoted securities The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- The definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report.

== == == == ==

17/12/2010 Appendix 5B Page 5

⁺ See chapter 19 for defined terms.