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Manganese mineralisation at Shoemaker project

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ASX Code: GMM

Quoted Securities:
39,895,000 ordinary f.p. shares

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HIGHLIGHTS

- **high-grade bedded manganese mineralisation confirmed within the project area**
- **field outcrop mapping identifies extensions of the manganese mineralisation zone discovered in May, as well as new substantial occurrences / zones**
- **additional high-grade iron ore mineralisation sampled at surface**
- **first stage drilling on manganese and iron ore targets planned later this year**

Shoemaker Project

(GMM 50% & earning up to 80% from Galaxy Resources Limited)

The technical overview by Coffey Mining in February 2010 concluded that the Shoemaker project had good potential for iron-ore mineralisation in both the bedded and taconite styles in BIF¹ and some potential for near surface DSO² hematite mineralisation within the Frere Formation. The recent Lockeridge Prospect discovery by Zinc Co (ASX:ZNC) next to the Shoemaker project as well as work on the Stanley Project by AusQuest Ltd (ASX:AQD) also showed the presence of stratiform bedded manganese mineralisation in the Earahedy Basin.

In July the Company's exploration team continued outcrop mapping and sampling to follow up on the high-grade manganese occurrence discovered at the project area in May.

The program included the interpretation of remote sensing data to focus mapping on possible manganese rich outcrops as well as rock chip sampling, assisted by preliminary field assaying by a hand-held XRF analyser. The collected rock chip samples were later assayed at an independent laboratory in Perth (appended table).

¹ Banded Iron-Formation

² Direct Shipping Ore

16 rock chip samples were collected from manganese occurrences newly identified in July and assayed from **21.3% to 48.4% Mn** (Table; Figure 1).

An outcropping manganese rich zone dipping N and NNW at 50 to 80 degrees was initially discovered in May and mapped for about 1 km along the strike within the Frere Formation (Figure 1 – refer to ASX announcement dated 1 June 2010). Field outcrop and scree mapping in July identified extensions of this manganese mineralisation zone for a further ~250 m.

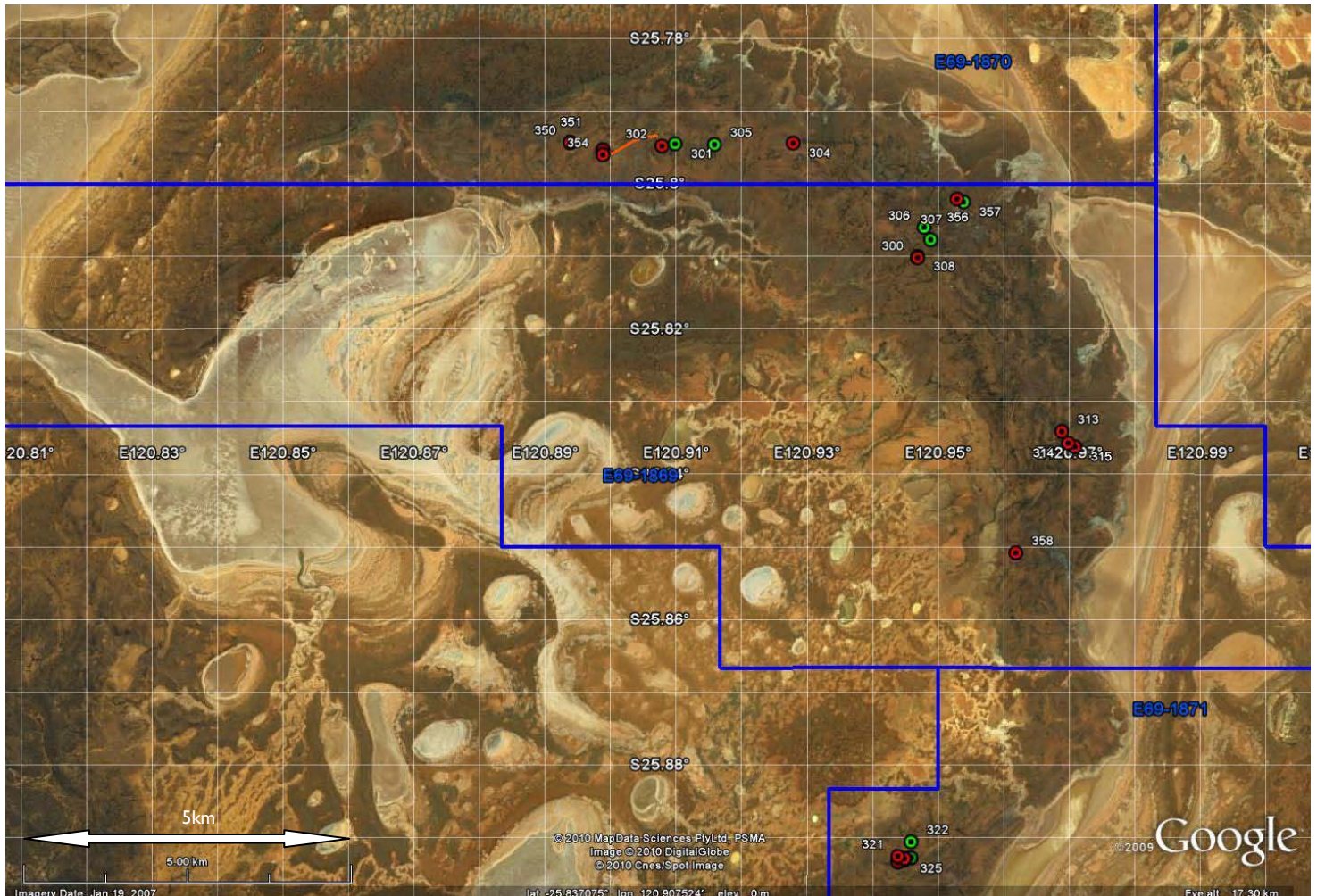


Figure 1: Manganese mineralisation mapped / sampled at the Shoemaker project:
 red dots – Mn-rich rock chip samples collected in July 2010;
 green dots – Fe-rich rock chip samples collected in July 2010;
 orange line – 1st Mn mineralisation zone discovered in May 2010 (refer to ASX announcement dated 1 June 2010)

Apart from individual manganese occurrences, two new substantial outcropping mineralisation zones have been mapped and sampled:

- Samples SHM313 to SHM315 (Table) collected from a ~330 m long mineralisation zone (Figure 2); and
- Samples SHM324 to SHM326 (Table) collected from a ~400 m long and up to 30 m wide mineralisation zone dipping to SE at ~60 degrees (Figures 3 & 4).

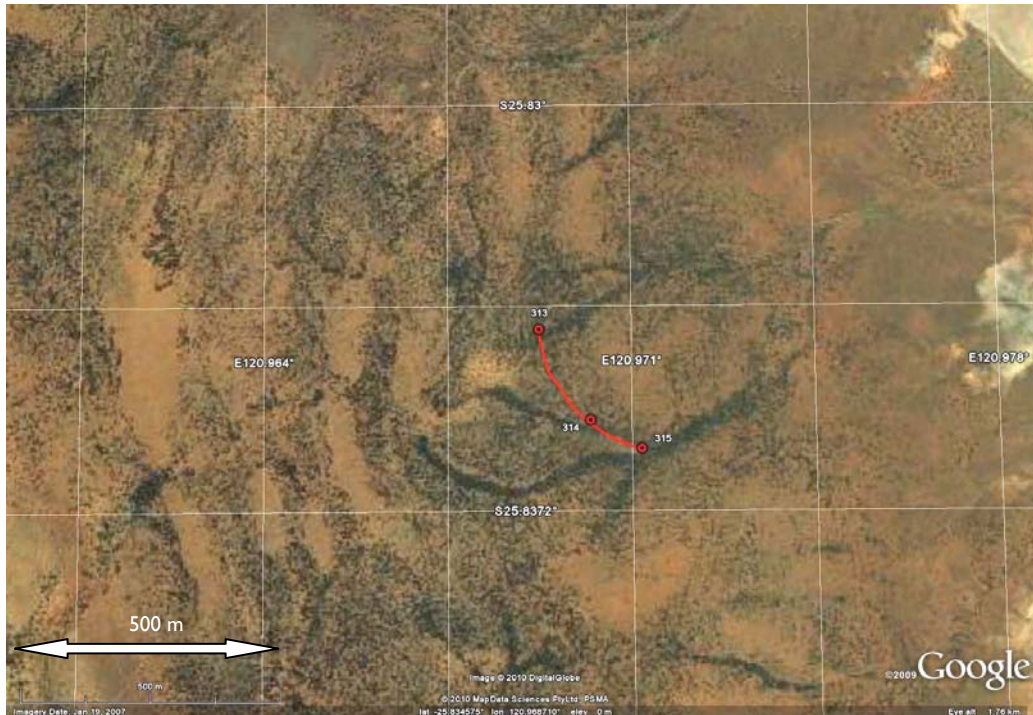


Figure 2: New manganese mineralisation zone mapped / sampled at the Shoemaker project:
 red dots – Mn-rich rock chip samples collected in July 2010;
 red line – Mn mineralisation zone outcrop and scree mapped in July 2010



Figure 3: Manganese mineralisation zone mapped / sampled at the Shoemaker project:
 red dots – Mn-rich rock chip samples collected in July 2010;
 green dots – Fe-rich rock chip samples collected in July 2010;
 red line – Mn mineralisation zone outcrop and scree mapped in July 2010

Some additional outcrop mapping and sampling further confirmed the presence of the extensive high-grade iron ore mineralisation at the surface within the project area. 8 rock chip samples collected from hematite rich surface outcrops yielded high-grades between **51% and 64% Fe** (Table).



Figure 4: Outcropping manganese mineralisation zone - ~400 m long and up to 30 m wide (Table: shm324 to shm326)



Figure 4: Outcropping manganese mineralisation zone - SE dipping at ~60 degrees (Table: shm324)

The company is planning a 1st stage RC drilling program based on the results of field mapping and available geophysical data with the following objectives:

- to explore the vertical extent of the surface high-grade iron ore mineralisation;
- to test identified magnetic and gravity anomalies - targeting possible bedded and taconite style iron ore mineralisation in the Frere Formation;
- to explore the extent of the newly identified bedded manganese mineralisation.

It is expected that this drilling program will commence immediately once all approvals are received.

Dr Boris Matveev
Managing Director

About General Mining Corporation Ltd (ASX: GMM)

General Mining Corporation Ltd is a Western Australian company with a substantial portfolio of exploration properties in Mongolia and Western Australia. The Company is focused on bulk commodities, namely high-margin potash at the Uvs Basin project in Mongolia, and iron ore and manganese at the Shoemaker project in Western Australia.

The Company also has some base metal and IOCG exploration properties in those countries.

Competent Person Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Boris Matveev, who is a Member of The Australian Institute of Geoscientists. Dr Matveev is a full-time employee of General Mining Corporation Ltd and 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 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Matveev consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Table: Laboratory assays of rock chip samples collected at manganese mineralization occurrences and hematite rich outcrops

Sample	Mn %	Fe %	Al ₂ O ₃ %	SiO ₂ %	TiO ₂ %	CaO %	MgO %	S %	P %	BaO %	K ₂ O %	PbO %
SHM300	29.00	15.55	3.15	19.26	0.09	0.03	0.02	0.153	0.039	-	1.14	-
SHM301	0.14	59.81	2.28	6.08	0.05	0.16	0.08	0.166	0.058	-	0.038	-
SHM302	36.60	11.80	1.23	16.4	0.02	0.09	0.07	0.058	0.038	3.38	2.01	0.007
SHM304	48.40	2.06	5.09	6.86	0.16	0.27	0.06	0.15	0.039	0.85	3.27	0.007
SHM305	0.49	51.03	5.24	12.0	0.14	0.10	0.06	0.155	0.035	-	0.052	-
SHM306	0.03	62.63	0.92	2.41	0.02	0.04	0.02	0.044	0.176	-	0.007	-
SHM307	0.09	60.72	2.28	2.57	0.02	0.02	0.02	0.107	0.119	-	0.008	-
SHM308	0.06	55.03	2.27	8.90	0.02	0.05	0.03	0.156	0.160	-	0.008	-
SHM313	21.90	37.10	3.9	2.44	0.05	0.08	0.03	0.062	0.182	0.53	1.87	0.008
SHM314	25.60	31.70	4.23	2.84	0.06	0.05	0.03	0.03	0.017	2.87	0.751	0.009
SHM315	34.20	22.11	1.28	4.18	0.03	0.09	0.02	0.081	0.127	-	0.991	-
SHM321	44.40	12.30	2.12	2.45	0.03	0.09	0.18	0.053	0.038	1.74	2.34	0.008
SHM322	0.23	63.12	1.97	3.46	0.03	0.08	0.03	0.079	0.044	-	0.01	-
SHM323	0.13	64.45	0.91	3.37	0.02	0.17	0.04	0.157	0.015	-	0.026	-
SHM324	39.70	11.40	6.58	4.87	0.08	0.08	0.09	0.04	0.045	1.55	2.35	0.004
SHM325	28.20	28.60	2.8	2.15	-0.01	0.1	0.04	0.096	0.199	0.53	1.61	0.038
SHM326	44.10	10.40	5.07	2.87	0.13	0.13	0.05	0.082	0.02	0.35	3	0.01
SHM350	36.60	12.10	3.17	15.2	0.06	0.07	0.08	0.043	0.038	0.49	2.24	0.011
SHM351	33.30	7.64	4.64	23.8	0.16	0.09	0.08	0.083	0.043	0.68	2.3	0.006
SHM353	32.10	25.90	3.07	1.81	0.01	0.02	0.03	0.021	0.039	2.96	1.65	0.008
SHM354	33.70	21.10	2.85	2.61	-0.01	0.03	0.04	0.091	0.107	5.12	1.04	0.006
SHM356	21.30	37.60	2.38	3.75	0.02	0.06	0.03	0.096	0.055	2.18	0.825	0.034
SHM357	4.06	51.18	1.33	10.23	0.02	0.09	0.02	0.156	0.063	-	0.02	-
SHM358	23.40	33.20	1.78	6.29	0.03	0.05	0.05	0.054	0.031	2.99	0.949	0.009