

4 December 2018

ASX: GAL

Corporate Directory

Directors

Non-Executive Chairman
Simon Jenkins

Managing Director
Brad Underwood

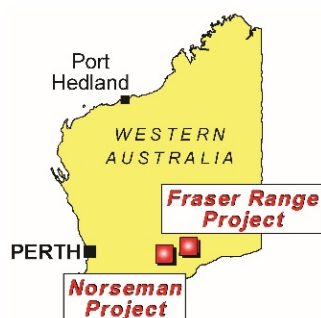
Technical Director
Noel O'Brien

Fast Facts

Issued Capital	120.4m
Share Price	\$0.15
Market Cap	\$18.1m
Cash (30/09/18)	\$10.1m

Projects

Norseman Cobalt Project
Fraser Range Nickel Project



Contact Details

T: +61 8 9463 0063
E: info@galmining.com.au
W: www.galileomining.com.au

OUTSTANDING COBALT EXTRACTION RESULTS FROM NORSEMAN

Highlights

- Metallurgical test work results have demonstrated up to 95% cobalt metal extraction and 66% nickel metal extraction from Norseman Project concentrate samples
- Preliminary results indicate average extraction rates of 90% cobalt and 60% nickel are achievable from Norseman concentrates
- Bench scale test work was conducted on three samples at the ALS Metallurgy Perth laboratory under the direction of SGS-Bateman consultants
- Results confirm that the low-cost, sulphur dioxide atmospheric leaching process offers exceptional potential for the Norseman Cobalt Project

Galileo Mining Ltd (ASX: GAL, "Galileo" or the "Company") is pleased to announce outstanding laboratory test work results on concentrate samples from its 100% owned Norseman Cobalt Project. Cobalt and nickel metal extraction rates from all three tests were significantly higher than previous test work completed prior to the listing of the company ⁽¹⁾. The results confirm the potential low-cost development opportunity at Norseman which exists due to Galileo's primary focus on cobalt.

Galileo Managing Director, Brad Underwood, commented: "Results from the recent round of metallurgical test work show we are making substantial progress understanding the best way to extract cobalt and nickel from our Norseman resources. Earlier test work, reported in the prospectus ⁽¹⁾, showed cobalt and nickel extractions of approximately 80% and 25% respectively. We have advanced significantly from those early results and will continue to optimise test work to look for further improvements in overall metal recovery."

Table 1: Metallurgical extraction of cobalt, nickel and manganese over 24 hours for three Norseman concentrate samples (from ALS Metallurgy Results, 28 November 2018).

Duration (hours)	HY6905			HY6940			HY6941		
	Cobalt (%)	Nickel (%)	Manganese (%)	Cobalt (%)	Nickel (%)	Manganese (%)	Cobalt (%)	Nickel (%)	Manganese (%)
0	0.00	0.00	0.00	11.20	11.54	7.72	8.72	11.20	5.10
1	14.21	9.36	14.23	52.94	37.13	52.34	38.72	28.42	37.22
2	21.96	14.31	21.66	55.79	37.58	53.00	67.03	43.44	69.90
4	33.59	22.24	36.83	64.26	42.78	64.47	76.52	49.55	78.29
8	41.69	31.38	41.60	72.73	47.91	74.87	83.84	52.43	83.12
12	60.06	39.20	58.67	83.66	52.08	81.01	87.41	55.71	89.39
24	95.70	66.10	95.39	93.31	59.24	95.02	91.19	60.86	92.29

⁽¹⁾ Refer to ASX "Prospectus" announcement dated 25th May 2018 accessible at <https://www.asx.com.au/asx/statistics/announcements.do?by=asxCode&asxCode=gai&timeframe=Y&year=2018>

Table 1 shows the results of leaching test work completed at ALS Metallurgy's Perth laboratory under the direction of SGS-Bateman. SGS-Bateman are a global company with over 90,000 employees and are recognised experts in the field of mineral processing. Scoping Study level CAPEX and OPEX processing cost estimates for Galileo's Norseman Cobalt Project are being finalised by SGS-Bateman with formal reporting expected to be completed over the next two weeks.

All three tests were conducted over 24 hours at atmospheric pressure with a temperature of 70° C. The tests used low amounts of SO₂ (sulphur dioxide) and H₂SO₄ (sulphuric acid) to achieve a maximum 95.7% cobalt extraction and 66.1% nickel extraction (test HY6905). The results are presented in graphical form in Figures 1, 2 and 3. Due to the nature of the mineralogy at the Norseman Project, most of the cobalt is associated with manganese minerals. The graphs below demonstrate this relationship between cobalt and manganese with both metals leaching at the same rate over the 24-hour time period. It is these manganese-cobalt minerals which provide an advantage to Galileo in that the contained cobalt can be recovered using processing equipment operated at atmospheric pressures. This removes the requirement for expensive autoclave equipment typically associated with competitor nickel-cobalt developers. Focussing on cobalt extraction allows Galileo to benefit from the mineralogy of the resources with the trade-off being a lower nickel recovery rate.

Based on the test results the assumed leach extraction rate of concentrates, for the purpose of scoping level CAPEX and OPEX estimation, will be 90% for cobalt and 60% for nickel. This represents a conservative scoping level approach given that the average metal extractions for cobalt and nickel over the three tests performed were 93.4% and 62.1% respectively.

Galileo looks forward to updating the market with further metallurgical results as the information becomes available. In addition to scoping study results, a Mineral Resource Estimate of the Company's Goblin Prospect is currently being finalised by CSA-Global, and a geophysical survey is underway at the Company's Empire Rose prospect in the Fraser Range.

Figure 1: Cobalt, nickel and manganese leach extractions from Norseman Cobalt Project concentrate sample using SO₂ (sulphur dioxide) and H₂SO₄ (sulfuric acid) at atmospheric pressure (test HY6905, ALS Metallurgy Results, 28 November 2018)

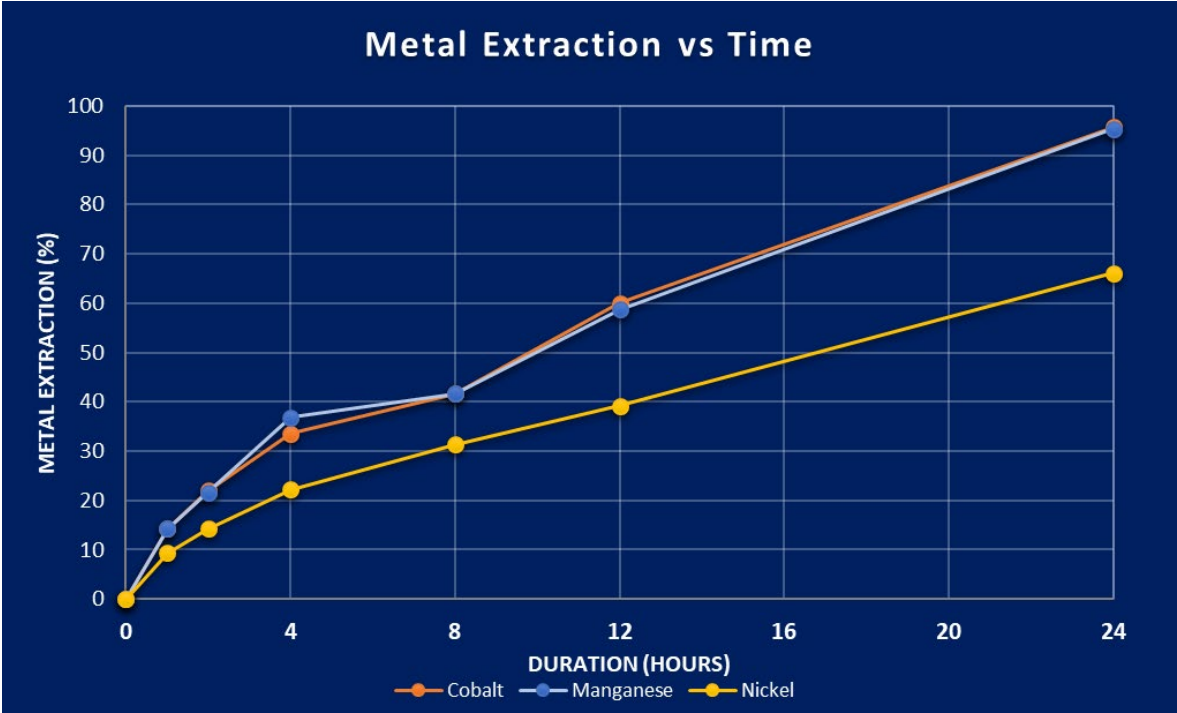


Figure 2: Cobalt, nickel and manganese leach extractions from Norseman Cobalt Project concentrate sample using SO_2 (sulphur dioxide) and H_2SO_4 (sulfuric acid) at atmospheric pressure (test HY6940, ALS Metallurgy Results, 28 November 2018)

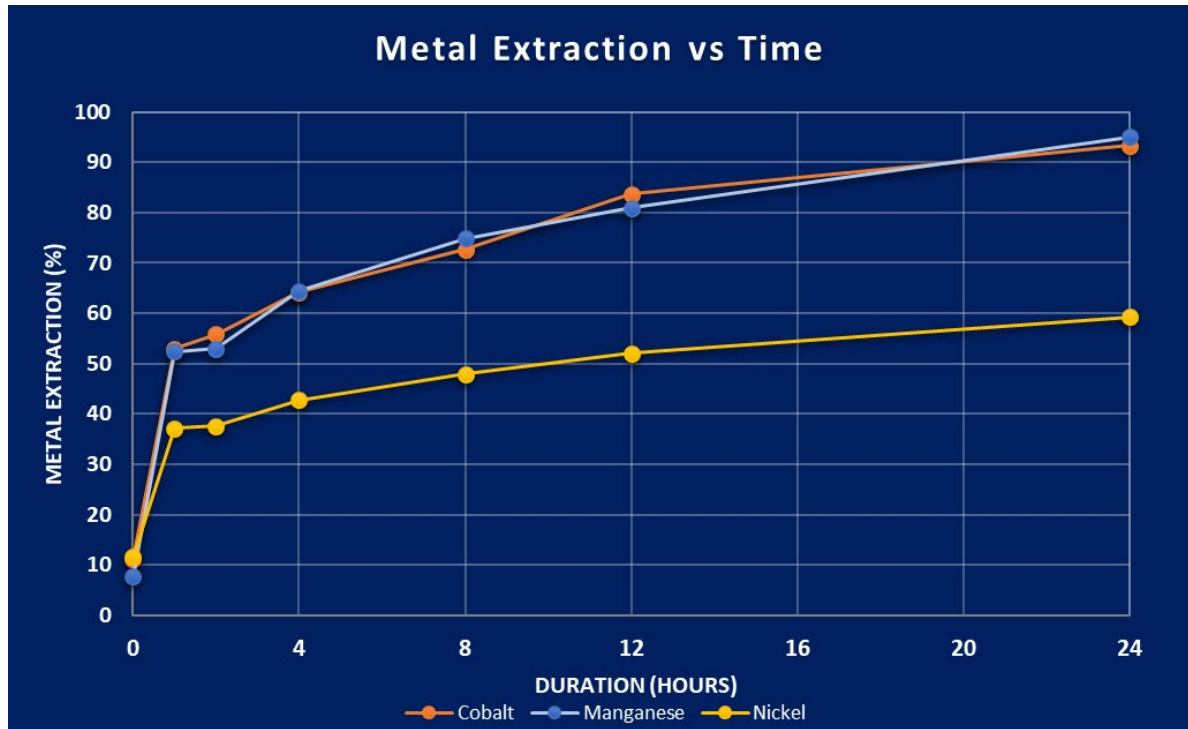
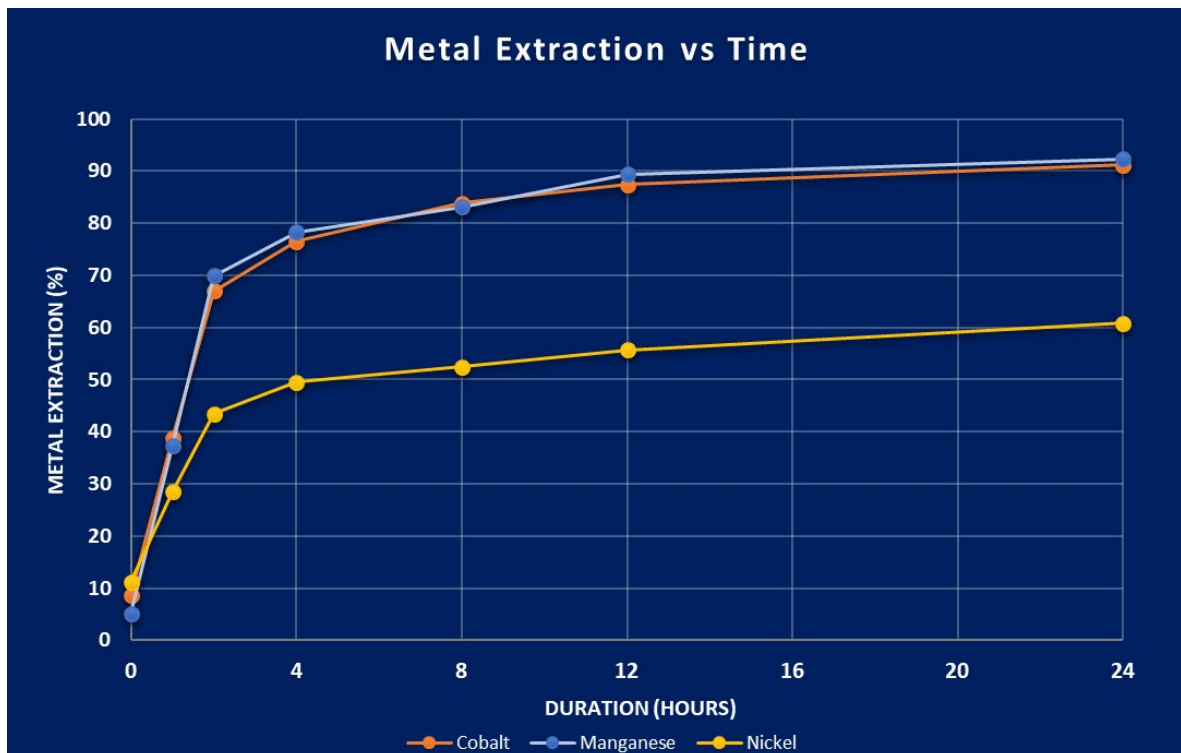


Figure 3: Cobalt, nickel and manganese leach extractions from Norseman Cobalt Project concentrate sample using SO_2 (sulphur dioxide) and H_2SO_4 (sulfuric acid) at atmospheric pressure (test HY6941, ALS Metallurgy Results, 28 November 2018)



Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Brad Underwood, a Member of the Australasian Institute of Mining and Metallurgy, and a full time employee of Galileo Mining Ltd. Mr Underwood has sufficient experience that is relevant to the styles of mineralisation and types of deposit under consideration, and to the activity being undertaken, 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" (JORC Code). Mr Underwood consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Investor information: phone Galileo Mining on + 61 8 9463 0063 or email info@galmining.com.au

Media:

David Tasker
Managing Director
Chapter One Advisors
E: dtasker@chapteroneadvisors.com.au
T: +61 433 112 936

About Galileo Mining:

Galileo Mining Ltd (ASX: GAL) is focussed on the exploration and development of cobalt and nickel resources in Western Australia. GAL holds tenements near Norseman with over 22,000 tonnes of contained cobalt, and 106,000 tonnes of contained nickel, in JORC compliant resources (see Figure 3 below). GAL also has Joint Ventures with the Creasy Group over tenements in the Fraser Range which are prospective for nickel-copper-cobalt deposits.

Figure 4: JORC Mineral Resource Estimates for the Norseman Cobalt Project ("Estimates") (refer to ASX "Prospectus" announcement dated May 25th 2018 and accessible at <http://www.galileomining.com.au/investors/asx-announcements/>). Galileo confirms that all material assumptions and technical parameters underpinning the Estimates continue to apply and have not materially changed).

Cut-off Co, ppm	Class	Tonnes Mt	Co		Ni		Mn %
			%	Kt	%	Kt	
MT THIRSTY SILL							
600	Indicated	10.5	0.12	12.1	0.58	60.8	0.71
	Inferred	2.0	0.11	2.2	0.51	10.2	0.71
	Total	12.5	0.11	14.3	0.57	71.1	0.71
1,000	Indicated	5.2	0.15	8.0	0.64	32.9	1.01
	Inferred	0.8	0.15	1.2	0.52	4.1	1.09
	Total	6.0	0.15	9.2	0.62	37.0	1.02
MISSION SILL							
600	Inferred	7.7	0.11	8.2	0.45	35.0	0.80
1,000	Inferred	2.8	0.15	4.4	0.47	13.4	1.20
TOTAL JORC COMPLIANT RESOURCES							
600		20.2	0.11	22.5	0.53	106.1	0.74
1,000		8.8	0.15	13.6	0.57	50.4	1.08