ASX ANNOUNCEMENT

20 May 2010

Significant Increase in Global and Higher-Quality Resources

Pilbara Iron Ore Project – Western Australia

highlights

- Global Resource increase to 658.3 Mt @ 55.4%Fe, an increase of 20%
- Includes a 347.7 Mt at 57.4% Fe higher-quality Indicated and Inferred Resource
- Drilling continues at the project with a third rig commencing at the end of the month
- Further resource increase expected from 2010 exploration program

TENEMENTS E47/882 (BLACKSMITH) AND E47/1560 (ANVIL)

Flinders Mines Limited (FMS) 100%

SUMMARY

Flinders Mines Limited (ASX: FMS) is pleased to announce an updated JORC compliant resource for the Pilbara Iron Ore Project (PIOP) located in Western Australia's central Pilbara region.

Flinders' global JORC compliant Mineral Resource for the project has increased from 550.1 Mt @ 55.6% Fe to 658.3 Mt @ 55.4% Fe. The Mineral Resource inventory, based on a +50% iron cut-off, now consists of an Indicated Resource of 156.6 Mt @ 56.5% Fe and an Inferred Resource of 501.7 Mt @ 55.0% Fe.

The higher quality component of this resource is 347.7 Mt @ 57.4% Fe. This component of the resource now includes a significantly larger proportion of BID mineralisation. This comprises 206.6 Mt of Bedded Iron Deposit (BID) at 56.3% Fe and 141 Mt of Lower Channel Iron Deposit (Lower CID) at 59.0% Fe.

The size of this higher quality resource significantly enhances the project development options available to Flinders and will now be assessed in the prefeasibility study (PFS) to determine the size of the mineable proportion of this Mineral Resource inventory.

GLOBAL RESOURCE ESTIMATE

The updated resource estimates (Table 1) were prepared by independent geological consultants, Golder Associates Pty Ltd (Golder), based on data collated and interpreted by FMS staff. The resource was estimated in accordance with the guidelines of the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2004). A statement from Golder is appended to this release.

The resource estimate is based on the results of 1,023 reverse circulation (RC) holes drilled at the project between July 2008 and December 2009 (Figures 1 & 2). Drillhole spacing for an Inferred Resource is 500m between the lines and 100m between holes and decreased to 125m between lines and 100m between holes for an Indicated Resource. Average in situ densities were derived via direct measurement from the diamond holes drilled in 2009 for geometallurgical test work. Drillhole locations and the extent of the resource model are shown in Figures 1 & 2.

The global resource increase to 658.3 Mt @ 55.4% Fe from 550.1 Mt @ 55.6% Fe is due to drilling carried out in 2009. This increase can mainly be attributed to the

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Table 1: Pilbara Iron Ore Project Global Resource Table

JORC Classification	Iron Grade Cut-off %	Tonnage Mt	Fe %	SiO_2 %	Al_2O_3 %	P %	LOI %
Ajax Inferred	+50	68.5	55.2	10.6	5.0	0.06	4.5
Blackjack Inferred	+50	44.8	55.3	12.8	4.6	0.06	2.7
Champion Inferred	+50	134.7	54.8	10.8	5.0	0.07	4.8
Delta Inferred	+50	30.5	56.4	8.7	4.5	0.07	5.1
Delta Indicated	+50	156.6	56.5	8.9	4.5	0.08	4.8
Eagle Inferred	+50	140.9	55.4	8.9	4.8	0.07	6.5
Anvil Inferred	+50	82.4	53.6	11.4	5.8	0.05	4.9
Total (Indicated & Inferred)	**+50**	**658.3**	**55.4**	**10.0**	**4.9**	**0.07**	**5.0**

The Pilbara Iron Ore Project Resource Models have been constructed using Ordinary Kriging within geological constraint domains. Drill spacing is 500m by 100m (Inferred) and 125m by 100m (Indicated). Different average densities were used for different ore types based on densities measured from diamond core. In the absence of adequate information an average density of 2.7 was used.

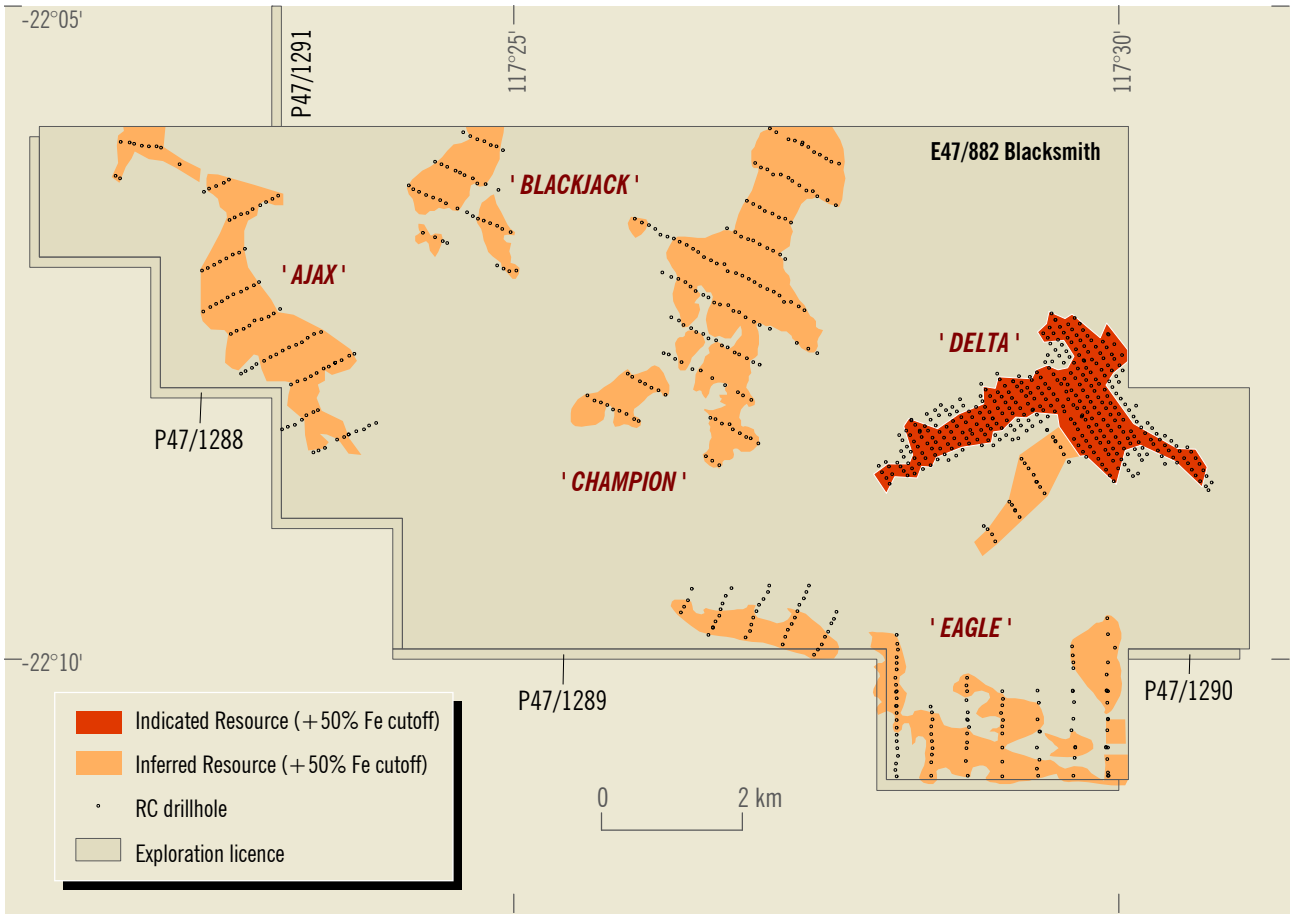

Figure 1 *E47/882 Blacksmith drillhole locations and the extent of the resource model.*

maiden resource at the Anvil tenement, a significant increase in the resource at the Ajax deposit on the Blacksmith tenement and extending several Bedded Iron Deposit (BID) mineralised zones.

The individual resources for each of the deposits have changed from the previous Inferred Resource estimate in April 2009. Some of the changes are due to additional drilling, however there are also changes due to modifications in the resource models. The new geological model has improved the resource models to be more representative of mineralised zones based on geometallurgy. Additional knowledge was gained by carrying out the more detailed Indicated Resource at Delta, enabling modifications to be made to the existing models.

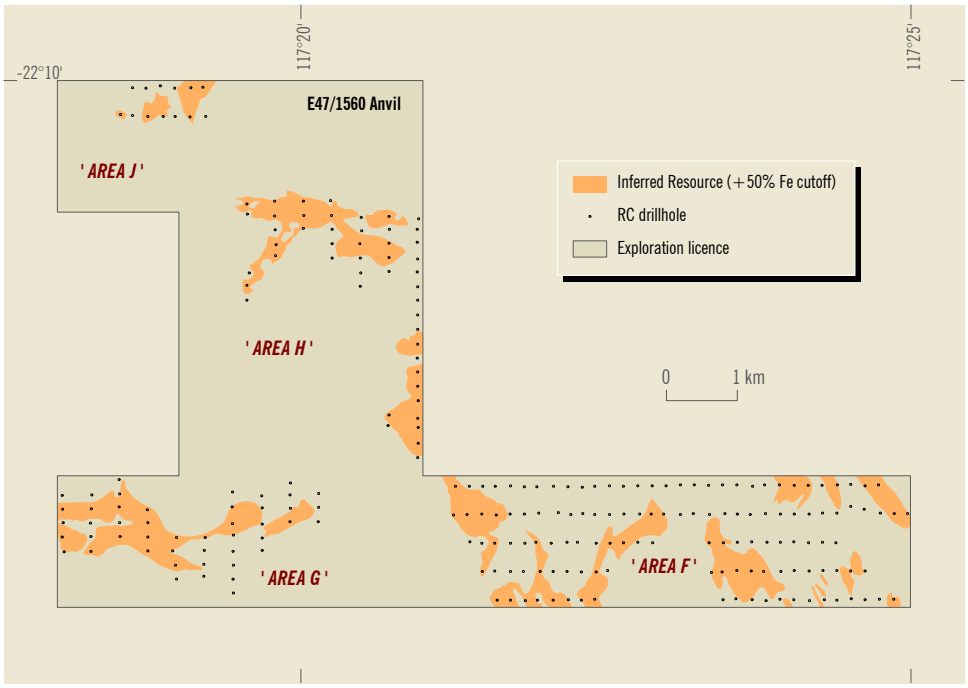

Figure 2 *E47/1560 Anvil drillhole locations and the extent of the resource model.*

The maiden Inferred Resource for Anvil of 82.4 Mt @ 53.6% Fe is best developed in the southern part of the tenement, with little coherent mineralisation intersected on the remainder of the tenement. This resource is lower than the Exploration Target and contrasts with the richer iron mineralisation at the Blacksmith tenement.

HIGHER QUALITY RESOURCE - LOWER CID & BID

The resource estimate has been divided into a number of ore type domains based on geometallurgical and geochemical boundaries as defined in the announcement of 8 February 2010. These domains form the basis for the JORC compliant resource estimate. The ability to define and recognise these different units has resulted in a more reliable interpretation of the geological boundaries of the deposit. It has also allowed a better definition of the distribution and quality of different ore types.

On the basis of differences in physical and chemical characteristics, the CID has been divided into four discrete units and the BID into two units. An example of a geologically interpreted cross-section for Delta Line 13N is shown as Figure 3a. In general, the four CID units form a stratigraphic sequence, passing from CID-1 to CID-4, with the iron grade increasing and the contaminant concentrations decreasing with depth.

The upper two CID units (CID-1 and CID-2, Upper CID) are lower grade and are currently unlikely to provide a saleable product, without significant beneficiation. The lower two CID units (CID-3 and CID-4, Lower CID) and both BID units are of high enough quality that they have

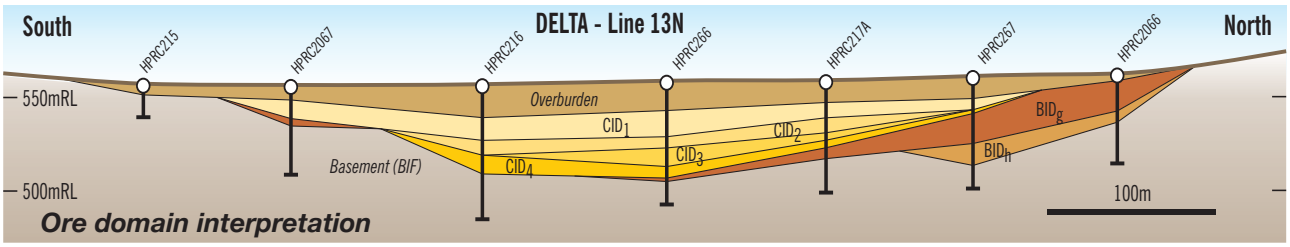

Figure 3a *Cross section of Line 13N at Delta showing ore domain interpretation.*

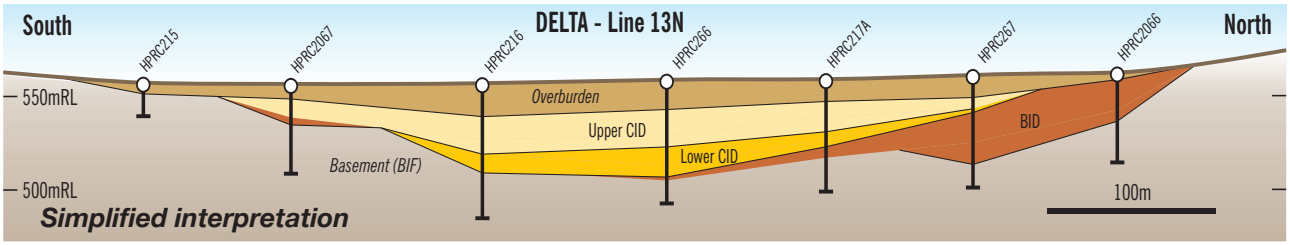

Figure 3b *Cross section of Line 13N at Delta showing simplified interpretation.*

Table 2: Lower CID & BID Resource Table

JORC Classification	Iron Grade Cut-off %	Tonnage Mt	Fe %	SiO_2 %	Al_2O_3 %	P %	LOI %
Delta BID Indicated	+50	49.8	57.7	4.4	2.9	0.13	9.3
PIOP BID Inferred	+50	156.7	55.8	6.6	3.4	0.10	9.7
TOTAL BID (Indicated & Inferred)	**+50**	**206.6**	**56.3**	**6.0**	**3.3**	**0.11**	**9.6**
Delta Lower CID Indicated	+50	43.3	59.8	6.1	4.4	0.07	3.0
PIOP Lower CID Inferred	+50	97.8	58.7	6.9	4.8	0.06	3.2
TOTAL LOWER CID (Indicated & Inferred)	**+50**	**141.1**	**59.0**	**6.6**	**4.7**	**0.06**	**3.1**
COMBINED TOTAL LOWER CID & BID (Indicated & Inferred)	**+50**	**347.7**	**57.4**	**6.3**	**3.9**	**0.09**	**6.9**

the potential to yield saleable ore (Figure 3b). The resource of Lower CID and BID material is presented in Table 2, and shown in more detail in the Golder Appendix.

This potential saleable ore resource is significant in increasing the development options available to Flinders for project development. The BID resource of 206.6 Mt @ 56.3% Fe has the potential to be a DSO product, dependent on developing a Reserve. The 141.1 Mt of Lower CID at 59.0% Fe will require some form of beneficiation to produce a saleable product.

The models for this resource are now being reviewed by WorleyParsons to assess the potential saleable product based on marketing parameters. The due diligence of the PFS will then determine the mineability of this material. Exploration drilling in 2010 aims to convert a proportion of the Inferred Resource to Indicated status leading to a Probable Reserve in the 4th quarter 2010.

ONGOING EXPLORATION & GOING FORWARD

Two reverse circulation drill rigs are currently operating at Blacksmith, with a third scheduled at the end of the month. Exploration drilling is primarily focussed on extending the current resource and defining a greater Indicated Resource to enable conversion to Reserve status at the end of the PFS. A larger Indicated Resource enables the PFS to review more options based on tonnes per annum.

DR KEVIN WILLS
MANAGING DIRECTOR

20 May 2010

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JORC Statement

The information relating to the terms "iron ore" and "direct shipping ore" should not be misunderstood or misconstrued as an estimate of an Ore Reserve as defined by the JORC Code (2004) and therefore the terms have not been used in this context. It is uncertain if further exploration or feasibility study will result in the determination of an Ore Reserve.

The information that relates to the drilling data and geological interpretations is based on information compiled by Nick Corlis who is a Member of The Australian Institute of Geoscientists and Exploration Manager of the Company. The information that relates to the Mineral Resource Estimate has been compiled by Mr Stephen Godfrey of Golder Associates Pty Ltd. who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Both Mr Godfrey and Mr Corlis have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking to qualify as a Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Godfrey and Mr Corlis consent to the inclusion in their names in the matters based on their information in the form and context in which it appears.

This release may include forward looking statements. These forward looking statements are based on Flinders Mines Limited's expectations concerning future events. Forward looking statements are subject to risks, uncertainties and other factors, many of which are outside the control of Flinders Mines Limited and the Company makes no undertaking to subsequently update or revise the forward looking statements made in this release to reflect events or circumstances after the date of this release.

19 May 2010 Project No. 097641461 014 Rev0

Nick Corlis
Flinders Mines

RESOURCE STATEMENT – PILBARA IRON ORE PROJECT

Dear Nick

Golder Associates (Golder) has completed resource modelling for the 8 Channel Iron Deposits of the Pilbara Iron Ore Project in the Central Pilbara, on behalf of Flinders Mines (Flinders). The resource estimates are based on all available assay data as of 7 January 2010. This model is an update of the resource previously modelled in 2008.

The resource estimate was classified in accordance with the Australasian Code for the Reporting of Identified Mineral Resources and Ore Reserves (JORC Code, 2004).

Classification of the resource estimate was completed by Golder geologists, based principally on data density, geological confidence criteria and representativeness of sampling.

Assumptions and Methodology

The *in situ* Mineral Resource is constrained by the geological boundaries of the CID(Channel Iron Deposit) and BID (Bedded Iron Deposit) and mineralisation boundaries based on a 50% Fe cut off.

This Mineral Resource estimate is based on a number of factors and assumptions:

- Drilling data used for the Mineral Resource estimation was filtered to exclude holes classified as priority 2 drilling. These holes were replaced by more recent drilling.
- Stratigraphic domains were based on the geology logged and interpreted by Flinders and are constrained by the shape of the channel.
- Mineralisation domains in the CID/BID were modelled by Golder based on a nominal cut-off grade of 50% Fe.
- The geological and mineralisation domains were used to flag the sample data for statistical analysis and estimation.
- The survey control for collar positions was considered adequate for the purposes of this study.
- A preliminary review of the QAQC data was completed and considered satisfactory.
- Dry Bulk Density was assigned based on data acquired during metallurgical testing in Delta. Where adequate information was available for a geological unit, an average density value was assigned,

otherwise a value of 2.7 tm^{-3} was used. The Delta north density data was used to assign density values to all the other deposits.

- Statistical and geostatistical analysis was carried out on drilling data composited to 2 m down hole. This included variography to model spatial continuity relationships in the mineralised domains.
- The Ordinary Kriging (OK) interpolation method was used for resource estimation of Fe, SiO_2, Al_2O_3, P S, TiO2 and LOI.
- The only significant change in the available drilling data is in the Delta deposit. All changes in the resource compared to the 2008 resource, other than Delta, are the result of changes to the interpretation of the stratigraphic units modelled and the way in which the units have been interpreted and modelled between sections. The infill drilling data in Delta North has been used to support the refined channel model in the other deposits.

Mineral Resource Statement

The resource estimates were classified in accordance with the Australasian Code for Reporting of Identified Mineral Resources and Ore Reserves (JORC Code, 2004).

Delta is comprised of two main channels. The southern channel has been drilled at a 100 m intervals on lines 500 m apart. This density of information can only support an inferred resource. The Northern channel has been drilled at intervals of 100 m on lines 125 m apart. This density of drilling is adequate to support an indicated resource in this area.

All the other deposits are drilled at 100 to 200 m intervals on lines 400 to 500 m apart. This density of data is considered adequate to support an inferred resource.

The resource models created, estimated and reported are

Table 1: Resource Models

Deposit	Resource Block Model
Ajax	Ajax_ok.bmf
Blackjack	BlackJack_2010_ok.bmf
Champion	Champion_2010_ok_rot.bmf
Delta	Delta_2010_OK_defaults.bmf
Eagle	Eagle_2010_ok.bmf
F_Anvil	F_Anvil_2010_ok.bmf
G_Anvil	G_Anvil_2010_ok.bmf
H_Anvil	H_Anvil_2010_ok.bmf
J_Anvil	J_Anvil_2010_ok.bmf

All models have been reported at 50% and 57% Fe cut off grades where the 50% cut off represents the *in situ* global mineralisation, and the 57% cut off represents the potential direct shipping ore. In general, the mineralisation is continuous up to these cut off grades with the higher grade material having less areal extent.

The following tabulations break down the resource by geology and material type at the 50% and 57% Fe cut offs. The geology units and material types are:

Table 2 Geology and Material Types

Geology	CID1	Channel Iron Deposit
	CID2	Channel Iron Deposit

	CID3	Channel Iron Deposit
	CID4	Channel Iron Deposit
	BIDg	Bedded Iron Deposit - geohthitic
	BIDh	Bedded Iron Deposit - haematitic

Mineral Resource

Table 3: Total Mineral Resource by Deposit and Material Type - 50% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
Ajax	**68,457,675**	**55.23**	**5.05**	**4.51**	**0.057**	**10.62**	**0.02**	**0.51**
cid1	11,134,125	52.87	5.48	2.79	0.045	15.37	0.02	0.42
cid2	25,552,125	53.82	5.70	2.98	0.044	13.36	0.02	0.56
cid3	15,837,200	58.42	4.90	3.33	0.048	7.35	0.02	0.55
cid4	121,125	61.33	3.23	5.15	0.075	2.51	0.02	0.52
bidg	15,813,100	55.91	3.86	9.09	0.098	6.19	0.03	0.46
Blackjack	**44,786,625**	**55.32**	**4.56**	**2.73**	**0.057**	**12.78**	**0.02**	**0.44**
cid1	4,066,875	51.45	4.14	2.46	0.047	19.20	0.02	0.31
cid2	30,415,500	54.23	5.00	2.38	0.048	14.39	0.02	0.45
cid3	5,781,400	60.07	4.51	1.83	0.053	6.59	0.02	0.54
cid4	1,736,125	63.18	1.88	2.01	0.106	3.35	0.01	0.49
bidg	2,511,000	58.26	2.21	9.56	0.143	4.32	0.02	0.32
bidh	275,725	57.70	2.32	5.86	0.078	7.42	0.03	0.11
Champion	**134,653,688**	**54.78**	**4.99**	**4.80**	**0.068**	**10.84**	**0.02**	**0.55**
cid1	17,691,750	50.88	6.09	2.55	0.041	17.53	0.02	0.54
cid2	54,975,375	53.52	6.15	2.81	0.046	13.42	0.02	0.63
cid3	20,296,550	58.24	4.77	2.96	0.058	7.64	0.02	0.69
cid4	3,698,350	61.22	2.19	2.59	0.086	4.40	0.02	0.77
bidg	36,428,100	55.92	3.14	9.92	0.114	6.34	0.03	0.35
bidh	1,563,563	56.90	3.89	9.91	0.126	5.73	0.01	0.26
Delta	**187,110,475**	**56.51**	**4.48**	**4.86**	**0.076**	**8.85**	**0.02**	**0.50**
cid1	9,409,500	51.00	5.20	2.50	0.045	18.47	0.02	0.45
cid2	64,725,750	53.89	5.86	2.73	0.045	13.40	0.02	0.57
cid3	40,617,075	59.18	4.85	2.64	0.056	6.79	0.02	0.56
cid4	14,144,563	61.03	3.08	3.73	0.083	4.59	0.01	0.66
bidg	49,891,400	57.05	2.95	9.82	0.131	4.72	0.02	0.35
bidh	8,322,188	59.10	2.59	7.16	0.121	4.63	0.02	0.23
Eagle	**140,940,538**	**55.43**	**4.76**	**6.54**	**0.071**	**8.87**	**0.01**	**0.48**
cid1	-	-	-	-	-	-	-	-
cid2	45,309,375	52.93	6.10	3.47	0.044	14.01	0.01	0.58
cid3	19,549,900	56.74	6.31	3.60	0.047	8.02	0.01	0.74
cid4	7,130,225	62.22	2.98	3.75	0.070	3.22	0.01	0.60
bidg	53,056,500	55.67	3.73	10.08	0.096	6.23	0.01	0.35

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
bidh	15,894,538	57.10	3.25	8.39	0.095	6.63	0.01	0.22
F_Anvil	**37,146,425**	**53.58**	**5.85**	**4.39**	**0.049**	**11.93**	**0.02**	**0.72**
cid1	7,732,125	51.63	6.66	2.85	0.035	15.45	0.02	0.78
cid2	16,341,750	52.31	7.05	3.10	0.034	13.76	0.02	0.79
cid3	4,212,750	59.70	4.38	2.50	0.047	6.33	0.02	0.80
cid4	-	-	-	-	-	-	-	-
bidg	8,859,800	54.70	3.63	8.99	0.089	8.15	0.03	0.49
G_Anvil	**21,518,625**	**54.94**	**5.04**	**5.14**	**0.060**	**10.06**	**0.02**	**0.71**
cid1	-	-	-	-	-	-	-	-
cid2	9,990,000	52.51	7.09	2.99	0.030	13.67	0.02	0.72
cid3	4,962,825	58.48	5.02	3.07	0.048	6.91	0.02	0.93
bidg	6,565,800	55.94	1.94	9.96	0.114	6.94	0.03	0.52
H_Anvil	**21,245,000**	**52.60**	**6.17**	**5.46**	**0.049**	**11.74**	**0.02**	**1.08**
cid1	4,897,125	50.15	6.46	2.51	0.032	18.39	0.01	0.82
cid2	6,010,875	51.67	8.34	3.72	0.033	12.02	0.02	1.57
cid3	3,055,100	55.42	6.44	5.36	0.049	6.72	0.02	1.84
bidg	7,281,900	53.83	4.08	8.94	0.074	9.15	0.03	0.52
J_Anvil	**2,451,850**	**51.89**	**7.46**	**6.24**	**0.042**	**10.58**	**0.02**	**1.09**
cid1	661,500	52.07	6.41	9.07	0.048	7.94	0.03	1.58
cid2	1,694,250	51.73	8.05	4.99	0.036	11.66	0.02	0.92
bidg	96,100	53.38	4.14	8.85	0.092	9.56	0.02	0.78
Grand Total	**658,310,900**	**55.35**	**4.87**	**5.04**	**0.067**	**10.02**	**0.02**	**0.54**

Table 4: Total Mineral Resource by Material Type - 50% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	55,593,000	51.40	5.79	2.70	0.041	17.05	0.02	0.55
cid2	255,015,000	53.45	6.04	2.93	0.044	13.61	0.02	0.62
cid3	114,312,800	58.42	5.11	3.00	0.053	7.21	0.02	0.67
cid4	26,830,388	61.51	2.85	3.47	0.081	4.11	0.01	0.65
bidg	180,503,700	56.04	3.33	9.78	0.110	6.04	0.02	0.38
bidh	26,056,013	57.73	3.07	8.06	0.105	5.95	0.01	0.22
Grand Total	**658,310,900**	**55.35**	**4.87**	**5.04**	**0.067**	**10.02**	**0.02**	**0.54**

Table 5: Indicated Resource (Delta deposit only) - 50 % Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	9,227,250	51.01	5.20	2.50	0.045	18.47	0.02	0.45
cid2	54,253,125	53.84	5.86	2.61	0.044	13.57	0.02	0.56
cid3	32,010,050	59.27	4.88	2.61	0.058	6.72	0.02	0.57
cid4	11,324,563	61.18	2.96	3.97	0.088	4.32	0.01	0.68
bidg	41,657,800	57.36	2.98	9.68	0.134	4.34	0.02	0.34
bidh	8,170,875	59.13	2.60	7.14	0.121	4.61	0.02	0.23
Grand Total	**156,643,663**	**56.53**	**4.48**	**4.82**	**0.078**	**8.87**	**0.02**	**0.49**

Table 6: Total Inferred Resource - 50% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	46,365,750	51.47	5.91	2.74	0.041	16.77	0.02	0.57
cid2	200,761,875	53.35	6.09	3.02	0.043	13.63	0.02	0.63
cid3	82,302,750	58.09	5.20	3.16	0.051	7.39	0.02	0.71
cid4	15,505,825	61.76	2.77	3.11	0.077	3.96	0.01	0.63
bidg	138,845,900	55.65	3.44	9.80	0.102	6.55	0.02	0.39
bidh	17,885,138	57.10	3.28	8.49	0.097	6.56	0.01	0.22
Grand Total	**501,667,238**	**54.98**	**4.99**	**5.10**	**0.064**	**10.39**	**0.02**	**0.56**

Table 7: Total Mineral Resource by Deposit and Material Type - 57% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
Ajax	**15,230,325**	**58.78**	**4.33**	**3.78**	**0.057**	**7.08**	**0.02**	**0.51**
cid1	-	-	-	-	-	-	-	-
cid2	1,096,875	57.45	3.68	2.09	0.048	12.05	0.02	0.45
cid3	11,470,325	59.20	4.59	2.87	0.050	7.10	0.02	0.53
cid4	121,125	61.33	3.23	5.15	0.075	2.51	0.02	0.52
bidg	2,542,000	57.35	3.45	8.50	0.096	5.09	0.03	0.43
Blackjack	**12,089,525**	**59.80**	**3.68**	**3.16**	**0.075**	**6.50**	**0.02**	**0.47**
cid1	-	-	-	-	-	-	-	-
cid2	2,619,000	57.58	4.43	1.81	0.052	10.62	0.02	0.43
cid3	5,582,750	60.21	4.52	1.83	0.051	6.51	0.02	0.54
cid4	1,736,125	63.18	1.88	2.01	0.106	3.35	0.01	0.49
bidg	1,949,900	58.75	2.04	9.54	0.143	3.76	0.02	0.33
bidh	201,750	58.33	2.24	5.82	0.081	6.34	0.04	0.11
Champion	**24,980,063**	**59.13**	**3.67**	**4.60**	**0.079**	**5.99**	**0.02**	**0.62**
cid1	-	-	-	-	-	-	-	-
cid2	70,875	57.47	4.86	2.08	0.051	10.04	0.01	0.45
cid3	15,285,775	59.21	4.42	2.82	0.058	7.11	0.02	0.66
cid4	3,581,263	61.40	2.13	2.55	0.087	4.22	0.02	0.78
bidg	5,840,400	57.62	2.63	10.37	0.131	4.11	0.03	0.43
bidh	201,750	57.06	3.85	9.91	0.122	5.60	0.01	0.26
Delta	**84,691,213**	**59.33**	**3.64**	**5.22**	**0.090**	**5.27**	**0.02**	**0.48**
cid1	-	-	-	-	-	-	-	-
cid2	982,125	57.33	4.35	2.22	0.049	10.87	0.02	0.49
cid3	36,544,750	59.49	4.70	2.54	0.056	6.66	0.02	0.56
cid4	14,041,600	61.07	3.07	3.70	0.083	4.58	0.01	0.67
bidg	26,024,500	58.13	2.77	9.43	0.136	3.77	0.02	0.33
bidh	7,098,238	59.81	2.38	6.98	0.119	4.23	0.02	0.22
Eagle	**34,081,513**	**58.96**	**3.52**	**6.49**	**0.079**	**5.22**	**0.01**	**0.46**
cid1	-	-	-	-	-	-	-	-
cid2	155,250	57.27	4.10	2.75	0.051	11.52	0.02	0.60
cid3	7,675,425	58.11	5.36	3.33	0.050	7.40	0.01	0.70
cid4	7,005,063	62.32	3.00	3.75	0.070	3.12	0.01	0.60
bidg	10,536,900	58.05	2.92	9.29	0.097	4.55	0.01	0.39
bidh	8,708,875	58.14	3.05	8.17	0.092	5.69	0.01	0.21
F_Anvil	**4,152,200**	**60.00**	**3.68**	**2.86**	**0.055**	**6.30**	**0.02**	**0.74**
cid1	-	-	-	-	-	-	-	-
cid2	40,500	57.99	5.34	3.16	0.036	7.36	0.02	0.77
cid3	3,507,200	60.39	3.87	2.29	0.049	6.10	0.02	0.74
cid4	-	-	-	-	-	-	-	-

	Tonnes	Grade %						
bidg	604,500	57.88	2.46	6.16	0.091	7.44	0.03	0.68
G_Anvil	**5,452,800**	**58.59**	**4.30**	**4.14**	**0.065**	**6.54**	**0.02**	**0.82**
cid1	-	-	-	-	-	-	-	-
cid2	-	-	-	-	-	-	-	-
cid3	4,507,300	58.72	4.75	3.08	0.049	6.87	0.02	0.91
bidg	945,500	57.97	2.16	9.17	0.139	5.00	0.02	0.42
H_Anvil	**1,038,975**	**57.66**	**4.37**	**5.24**	**0.065**	**5.39**	**0.02**	**2.34**
cid1	-	-	-	-	-	-	-	-
cid2	-	-	-	-	-	-	-	-
cid3	887,075	57.61	4.70	4.90	0.058	5.01	0.02	2.67
bidg	151,900	57.98	2.42	7.26	0.107	7.58	0.02	0.43
J_Anvil	**37,200**	**57.19**	**4.07**	**7.76**	**0.080**	**5.27**	**0.02**	**0.85**
cid1	-	-	-	-	-	-	-	-
cid2	-	-	-	-	-	-	-	-
bidg	37,200	57.19	4.07	7.76	0.080	5.27	0.02	0.85
Grand Total	**181,753,813**	**59.20**	**3.71**	**5.03**	**0.081**	**5.66**	**0.02**	**0.52**

Table 8: Total Mineral Resource by Material Type - 57% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	-	-	-	-	-	-	-	-
cid2	4,964,625	57.49	4.25	1.99	0.050	10.98	0.02	0.45
cid3	85,460,600	59.30	4.65	2.70	0.054	6.83	0.02	0.63
cid4	26,485,175	61.58	2.85	3.45	0.081	4.06	0.01	0.65
bidg	48,632,800	58.03	2.78	9.41	0.124	4.13	0.02	0.36
bidh	16,210,613	58.86	2.76	7.64	0.104	5.06	0.01	0.21
Grand Total	**181,753,813**	**59.20**	**3.71**	**5.03**	**0.081**	**5.66**	**0.02**	**0.52**

Table 9: Indicated Resource (Delta deposit only) - 57% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	-	-	-	-	-	-	-	-
cid2	631,125	57.28	4.43	2.15	0.052	10.94	0.02	0.46
cid3	29,413,900	59.53	4.74	2.50	0.058	6.64	0.02	0.57
cid4	11,225,350	61.23	2.95	3.94	0.088	4.31	0.01	0.68
bidg	25,943,900	58.13	2.77	9.43	0.136	3.77	0.02	0.33
bidh	6,946,925	59.85	2.38	6.95	0.119	4.19	0.02	0.22
Grand Total	**74,161,200**	**59.31**	**3.56**	**5.56**	**0.095**	**5.09**	**0.02**	**0.47**

Table 10: Total Inferred Resource - 57% Fe cut off

	Tonnes	Grade %						
		Fe	Al_2O_3	LOI	P	SiO_2	S	TiO_2
cid1	-	-	-	-	-	-	-	-
cid2	4,333,500	57.52	4.22	1.97	0.050	10.98	0.02	0.45
cid3	56,046,700	59.18	4.61	2.81	0.052	6.92	0.02	0.67
cid4	15,259,825	61.85	2.77	3.09	0.077	3.87	0.01	0.63
bidg	22,688,900	57.91	2.78	9.40	0.111	4.55	0.02	0.41
bidh	9,263,688	58.11	3.04	8.16	0.093	5.71	0.01	0.21
Grand Total	**107,592,613**	**59.13**	**3.81**	**4.67**	**0.072**	**6.05**	**0.02**	**0.56**

The information in this statement which relates to the Mineral Resource is based on information compiled by Mr Stephen Godfrey who is a full-time employee of Golder Associates Pty Ltd and a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientist. Mr Godfrey has sufficient relevant experience to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the JORC Code (2004).

The Competent Person responsible for the geological interpretation and the drill hole data set used in this resource estimation is Mr Nick Corlis of Flinders Mines.

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