

29 April 2014

## Ferrum Crescent Limited

("Ferrum Crescent", the "Company" or the "Group") (ASX: FCR, AIM: FCR, JSE: FCR)

## The Moonlight Project – Updated Mineral Resource estimate in terms of JORC (2012)

## Highlights

- Mineral Resource estimate for the Moonlight Project, previously stated in terms of JORC (2004), has been updated in terms of the requirements of JORC (2012);
- The updated Mineral Resource provides a firm foundation for the re-commencement of the Bankable Feasibility Study for the Moonlight Project;
- The grade and tonnage estimates within each classification category remain unchanged, but the assumptions used in the previous estimates have been updated and explicitly reported, as required in JORC (2012);
- The Total Mineral Resource is estimated as 307Mt at 26.9% Fe, including:
  - 172.1Mt Inferred at 25.3% Fe, 83.0Mt Indicated at 27.4% Fe and 52.6Mt Measured at 31.3% Fe
- Geological losses of 5%, Fe cut-off of 16% and a variable depth constraint from surface to 100m and 250m, depending on the geometry of the mineralization.

Ferrum Crescent, the ASX, AIM and JSE quoted iron ore developer today announces the completion of an update to the Mineral Resource estimate for the Moonlight Iron Ore Project ("Moonlight" or "the Project"). The Mineral Resource estimate is now stated in terms of JORC (2012) and hence can inform the re-commencement of the Project's Bankable Feasibility Study ("BFS").

Mineral Corporation Consultancy Pty Ltd ("The Mineral Corporation") undertook the update of the Mineral Resource estimate, which was previously stated in terms of JORC (2004). The Mineral Corporation updated all of the assumptions used in determining the previous estimate, with respect to the requirements of JORC (2012). It determined that the Mineral Resource classification criteria imposed in the previous estimate was still valid. Furthermore, the additional reporting requirements contained in JORC (2012) have been complied with in the updated Mineral Resource estimate report.

Within a cut off grade of 16% Fe, geological losses of 5% and a depth constraint of between 100m and 250m from surface, (depending upon dip and the number of zones present), The Mineral Corporation has determined that there are reasonable prospects for eventual economic extraction, and hence estimate the Mineral Resource as follows:

Category	Gross				Net (attrik	outable	to Ferrum	Crescent a	at 97%)	
	Tonne (Mt)	Fe (%)	SiO <sub>2</sub> (%)	Al <sub>2</sub> O <sub>3</sub> (%)	Contained Fe (Mt)	Tonne (Mt)	Fe (%)	SiO <sub>2</sub> (%)	Al₂O₃ (%)	Contained Fe (Mt)
Inferred	172.1	25.3	51.2	4.8	43.5	166.9	25.3	51.2	4.8	42.2
Indicated	83.0	27.4	50.1	4.0	22.7	80.5	27.4	50.1	4.0	22.1
Measured	52.6	31.3	47.3	2.5	16.5	51.0	31.3	47.3	2.5	16.0
Total	307.7	26.9	50.3	4.2	82.8	298.5	26.9	50.3	4.2	80.3

\*Tonnes are rounded

A summarised description of the Mineral Resource estimation criteria, as provided in JORC (2012), is included as an appendix to this release.

Commenting today Tom Revy, Managing Director, said: "The updated JORC (2012) resource announced today forms an important part of our plans to progress the Moonlight BFS in 2014. Not only is the Mineral Resource stated in terms of JORC (2012), and hence suitable to inform the more detailed Feasibility Study work to come, but the up to date assessment of 'reasonable prospects for eventual economic extraction' give us further confidence in the Project's potential. What is interesting about Moonlight is that the Project is about a premium, high value product, with the potential to be mined at a low stripping ratio".

The information in this statement that relates to Exploration Targets, Exploration Results and Mineral Resources has been compiled by Stewart Nupen, a Competent Person who is a Fellow of the Geological Society of South Africa and a registered Professional Natural Scientist with the South African Council for Natural Scientific Professionals. Stewart Nupen is employed by The Mineral Corporation, an independent consulting firm to Ferrum Crescent Limited.

Stewart Nupen has sufficient experience that is relevant to the style of mineralisation and type 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'. Stewart Nupen consents to the inclusion in this statement of the matters based on his information in the form and context in which it appears.

Criteria	Explanation	Observations		
Section 1: Sampling techniques and Data				
Sampling techniques	Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard	Limited information on the sampling techniques for the KIOL data is known.		
	measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	For the FCL exploration, sampling was limited to the sampling of RC chips and diamond core.		
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Limited information on the sampling techniques for the KIOL data is known.		
		For the FCL exploration, representivity was ensured by appropriate sub-sampling protocols.		

Appendix: Checklist of assessment and reporting criteria (from Table 1 in JORC (2012))

Criteria	Explanation	Observations
	Aspects of the determination of mineralisation that are	Limited information on the sampling techniques for the KIOL data is known.
	Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively	
	simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce	For the FCL exploration, industry standard sampling techniques were adopted. RC samples (1m-2m) were
	a 30 g charge for fire assay). In other cases more	riffle split on site and diamond core samples were
	explanation may be required, such as where there is	halved with a diamond saw.
	coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg	
	submarine nodules) may warrant disclosure of detailed	
Drilling techniques	information. Drill type (eg. core, reverse circulation, open-hole	Drilling data from KIOL and three phases of FCL
y	hammer, rotary air blast, auger, Bangka etc.) and	exploration inform the estimates.
	details (eg. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type,	The drilling comprised open hole, RC and diamond core
	whether core is oriented and if so, by what method, etc.	drilling and was all vertical. A total of 122 RC holes and
	, , , , , , , , , , , , , , , , , , ,	89 diamond core holes were accepted for the estimates
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Limited information on the sample recovery for the KIOL data is known.
recovery	Measures taken to maximise sample recovery and	With the exception of surficial rubble, the sample
	ensure representative nature of the samples.	recovery through the mineralised zones for the FCL exploration was acceptable.
	Whether a relationship exists between sample recovery	No recovery information for the KIOL database is
	and grade and whether sample bias may have occurred	known. Due to the generally high sample recovery, this
	due to preferential loss/gain of fine/coarse material.	relationship was not investigated.
Logging	Whether core and chip samples have been geologically	The KIOL data included electronic codes for the main
	and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies	lithological unit, certain sub-units, and the core bedding angles.
	and metallurgical studies.	-
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	All geological information during FCL exploration was
	Core (or costean, channel, etc) photography.	logged in acceptable detail, and stored in an MS Access database. This included lithological, structural and
		geotechnical information.
	The total length and percentage of the relevant intersections logged.	In both KIOL and FCL exploration, all drilling was logged.
Sub-sampling	If core, whether cut or sawn and whether quarter, half	No information regarding sub-sampling is known for the
techniques and	or all core taken.	KIOL holes.
sample preparation		For the ECL data, core uses gut
	If non-core, whether riffled, tube sampled, rotary split	For the FCL data, core was cut. No information regarding sub-sampling is known for the
	etc. and whether sampled wet or dry.	KIOL holes.
		For FCL data, RC samples were split by rotary or riffle
		splitters.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	No information regarding sub-sampling is known for the KIOL holes.
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		For the FCL data, the protocols are considered
	Quality control procedures adopted for all sub-sampling	acceptable for the style of mineralisation No information regarding sub-sampling is known for the
	stages to maximise representivity of samples.	KIOL holes.
		For the FCL data, the protocols are considered
		acceptable for the style of mineralisation
	Measures taken to ensure that the sampling is	No information regarding sub-sampling is known for the
	representative of the in situ material collected.	KIOL holes.
		For the FCL data, the protocols are considered
	Whether sample sizes are appropriate to the grain size	acceptable for the style of mineralisation No information regarding sub-sampling is known for the
	of the material being sampled.	KIOL holes.
		For the FCL data, the protocols are considered
		acceptable for the style of mineralisation
Quality of assay	The nature, quality and appropriateness of the assaying	No information on the quality of assay data for the KIOL
data and laboratory tests	and laboratory procedures used and whether the technique is considered partial or total.	data was obtained.
	a consider cu par uar or total.	Primary samples and quality control samples were
		submitted for analysis to Genalysis Laboratory Services
		(Johannesburg) for analysis by Intertek Utama Services (Jakarta).
	For geophysical tools, spectrometers, handheld XRF	No non-laboratory techniques have been applied.
	instruments, etc, the parameters used in determining the analysis including instrument make and model,	
	reading times, calibrations factors applied and their	
	derivation, etc.	

Criteria	Explanation	Observations
	Nature of quality control procedures adopted (eg	No information on the quality of assay data for the KIOL
	standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie	data was obtained.
	lack of bias) and precision have been established.	The FCL samples were analysed at an accredited
	······································	laboratory (Genalysis / Intertek), and appropriate
		standards, blanks and duplicates inserted in the sample
		stream. The Mineral Corporation has reviewed the
		results from these control samples and considers the accuracy and reliability of the analyses to be acceptable.
Verification of	The verification of significant intersections by either	The KIOL data was verified by means of the
sampling and assaying	independent or alternative company personnel.	identification and re-surveying of borehole collars in the field, and by means of twin-drilling.
ussuying	The use of twinned holes	On the basis of the twinning, the open-hole data from
		KIOL (142 holes) was considered unacceptable for
		Mineral Resource estimation. The remaining RC and
		diamond core drilling showed reasonably good correlation of mineralisation depth and abundance, and
		was considered acceptable.
	Documentation of primary data, data entry procedures,	No access to the core, nor the raw geological logs for
	data verification, data storage (physical and electronic)	the KIOL data is possible and the accuracy of the input
	protocols.	of this data into the FCL database cannot be verified. The procedures adopted by those executing FCL's 2008
		and 2009 exploration campaigns are well documented
		and the data entry and validation for those phases of
		exploration is considered to be acceptable. The Mineral
		Corporation supervised the 2011 exploration and
	Discuss any adjustment to assay data.	considers that portion of the database to be acceptable. No adjustments to assay data were made
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings	All FCL boreholes were surveyed by a registered surveyor. Of the KIOL holes, 127 collars were re-
points	and other locations used in Mineral Resource estimation.	surveyed by a registered surveyor, and good correlation
		between the historical and FCL survey locations were
		found.
	Specification of the grid system used.	The co-ordinate system applied for the survey was the South African Local Grid (Lo29) using the
		Hartebeeshoek 1994 datum.
	Quality and adequacy of topographic control.	The topographic control is derived from LiDAR data and
		is considered adequate.
Data spacing and distribution.	Data spacing for reporting of Exploration Results.	The combination of Ferrum Crescent's exploration and the KIOL data has provided a drillhole spacing which
		ranges from 100m x 100m to 200m x 300m.
	Whether the data spacing and distribution is sufficient to	The data spacing and distribution is sufficient to
	establish the degree of geological and grade continuity	establish the degree of continuity appropriate for the
	appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Mineral Resources, as classified.
	Whether sample compositing has been applied	Sample compositing has been applied in the Mineral
		Resource estimates.
Orientation of data in relation to	Whether the orientation of sampling achieves unbiased sampling of possible and the extent to which this is	Vertical intersections are not "true" thicknesses, normal to the dip of the mineralised zones;
geological	known, considering the deposit type.	
structures	If the relationship between the drilling orientation and	As the dip is relatively shallow, and the block model was
	the orientation of key mineralised structures is	built in 3-dimensions, the use of vertical composites did
	considered to have introduced a sampling bias, this	not bias the volumetric estimates.
<b>6</b>	should be assessed and reported if material.	
Sample security	The measures taken to ensure sample security.	No information regarding sample security is known for the KIOL holes. For the FCL data, samples were stored
		in a locked core facility until being collected for delivery
		to the laboratory by courier.
Audits or reviews	The results of any audits or reviews of sampling	No audits of the KIOL exploration results, with the
	techniques and data.	exception of the verification described above have been undertaken.
		The Mineuel Council of the neutron date we will be first
		two phases of Ferrum Crescent's drilling prior to
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Section 2: Reporting	of Exploration Results	two phases of Ferrum Crescent's drilling prior to carrying out the estimates. Phase 3 of Ferrum
Mineral tenement	Type, reference name/number, location and ownership	two phases of Ferrum Crescent's drilling prior to carrying out the estimates. Phase 3 of Ferrum Crescent's exploration was carried out by The Mineral Corporation. FCL has an effective 97% share, in Ferrum Iron Ore
Mineral tenement and land tenure	Type, reference name/number, location and ownership including agreements or material issues with third	two phases of Ferrum Crescent's drilling prior to carrying out the estimates. Phase 3 of Ferrum Crescent's exploration was carried out by The Mineral Corporation. FCL has an effective 97% share, in Ferrum Iron Ore (Pty) Limited, the holder of Mining Right
Mineral tenement	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding	two phases of Ferrum Crescent's drilling prior to carrying out the estimates. Phase 3 of Ferrum Crescent's exploration was carried out by The Mineral Corporation. FCL has an effective 97% share, in Ferrum Iron Ore (Pty) Limited, the holder of Mining Right LP30/5/1/2/2/201. The Project's Mineral Resources are
Mineral tenement and land tenure	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness	two phases of Ferrum Crescent's drilling prior to carrying out the estimates. Phase 3 of Ferrum Crescent's exploration was carried out by The Mineral Corporation. FCL has an effective 97% share, in Ferrum Iron Ore (Pty) Limited, the holder of Mining Right LP30/5/1/2/2/201. The Project's Mineral Resources are entirely contained within this Mining Right. A legal due
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Mineral tenement and land tenure	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness	carrying out the estimates. Phase 3 of Ferrum Crescent's exploration was carried out by The Mineral Corporation. FCL has an effective 97% share, in Ferrum Iron Ore (Pty) Limited, the holder of Mining Right LP30/5/1/2/2/201. The Project's Mineral Resources are entirely contained within this Mining Right. A legal due diligence on the mineral title has not been conducted by The Mineral Corporation, but The Mineral Corporation is

Criteria	Explanation	Observations
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Project is covered by a Mining Right that was executed on 10 October 2012. The Mining Right is valid for 30 years commencing 10 October 2012 to 9 October 2042.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Previous exploration by KIOL has been documented and integrated into the FCL database.
Geology.	Deposit type, geological setting and style of mineralisation.	Rocks of the Mount Dowe Group, within the Central Zone of the Limpopo Mobile Belt, are interpreted to have been tightly-folded, parallel to the east-northeast to west-southwest orientation of the Limpopo Mobile Belt.
		Magnetite mineralisation is identified in five mineralised zones, which are interpreted to be the result of the duplication by folding of one or more magnetite-bearing layers. The mineralised zones are cut by younger faults, which have two dominant orientations, broadly parallel to and orthogonal to, the trend of the Limpopo Mobile Belt.
		Magnetite concentrations within the mineralised zones are interpreted to be parallel with the contacts with the host rocks and zones of unmineralised material are found within the mineralised zones.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.	A summary of all material intersections is provided in Appendix 3.
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case	This information has not been excluded.
Data aggregation methods.	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg. cutting of high grades) and cut-off grades are usually material and should be stated.	5m vertical borehole composites were utilised, informed by an assumed minimum mining height.
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	Not applicable to this grade distribution
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values were considered
Relationship between mineralisation widths and intercept	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	These composites were not at right angles to the mineralised zones,
lengths	If it is not known and only the down-hole lengths are reported, there should be a clear statement to this effect (eg. 'downhole length, true width not known').	As the dips are shallow (7° to 30° and typically less than 20°) and a 3-dimensional block model was used, the use of vertical composites is unlikely to introduce any bias.
Diagrams.	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Plans and sections of the interpretive geological model are provided.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practised to avoid misleading reporting of Exploration Results.	All material intercepts are reported Appendix 3
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not . limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All know material exploration data, or summaries thereof, have been provided.
Further work	The nature and scale of planned further work (eg. tests for lateral extensions or depth extensions or large-scale step-out drilling).	Recommendations for further work are provided.
	Diagrams dearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not	A figure showing possible extensions is included

Criteria	Explanation	Observations
	commercially sensitive.	
Section 3: Reporting	g of Mineral Resources	·
Database integrity	Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.	The compiled database for the estimates was housed in an MS Access database.
	Data validation procedures used.	In addition to the verification and QA/QC already described, validation of the sampling data for over- lapping sampling intervals, duplicate samples and spurious data was carried out.
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits. If no site visits have been undertaken indicate why this is the case.	Stewart Nupen has undertaken two site visits to the Project, to inspect outcrop, observe RC and diamond drilling and sampling activities and view all of the available diamond core. These site visits were undertaken during the first quarter of 2012.
Geological interpretation	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	The geological interpretation is considered appropriate for the level of estimates, and the Mineral Resource classification takes the confidence in the interpretation into account.
	Nature of the data used and of any assumptions made.	Borehole data was used for the geological interpretation. The regional structural framework was applied.
	The effect, if any, of alternative interpretations on Mineral Resource estimation.	No alternative interpretation was considered.
	The use of geology in guiding and controlling Mineral Resource estimation.	A thorough re-interpretation of the geological structure and correlation between mineralised zones was carried out.
	The factors affecting continuity both of grade and geology	Grade continuity within zones is high. Continuity of zones is affected by geological structures
Dimensions	The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	D Zone is approximately 200m x 400m x 30m C Zone (West) is approximately 1400m x 250m x 35m C Zone (East) is approximately 1100m x 700m x 30m B Zone is approximately 1500m x 800m x 25m A Zone is approximately 1600m x 1200m x 17m
Estimation and modelling techniques	The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters, maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.	Variograms parallel to the dip of the mineralised zones were calculated and modelled. Vertical grade distribution utilised downhole variograms. Variograms of between 150m and 250m were obtained in the plane of the mineralised zone and between 7m and 30m downhole.
	The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	No check estimates or production records were available
	The assumptions made regarding recovery of by- products.	No by-products are expected
	Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).	All zones show low abundance of Mn, P and TiO2. Abundance of base metals, such as Cu, are insignificant
	In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	Horizontal block dimensions were 50m x 50m and 5m in the vertical, informed by borehole spacing and a. The block model was rotated to the average dip (12°).
	Any assumptions behind modelling of selective mining units.	Conceptual minimum mining unit had a minimum height of 5m
	Any assumptions about correlation between variables.	No correlation between variables was assumed or modeled
	Description of how the geological interpretation was used to control the resource estimates.	Wireframes representing the geological interpretation were generated to constrain the block model. Ordinary Kriging was employed for grade estimates. A three stage search strategy was employed. A minimum of 5 and a maximum of 20 samples was used within the range of the variogram for the first search. The second search was twice the volume of the first, and the third extended to the limits of the mineralised zones. The search and variogram ellipse were oriented to local dip and strike variations using "Dynamic Anisotropy" in Datamine Studio v3.
	Discussion of basis for using or not using grade cutting or capping.	No cutting or capping was applied, as the composite grades were normally distributed, and no outliers were identified.

Criteria	Explanation	Observations
	The process of validation, the checking process used, the comparison of model data to drilhole data, and use of reconciliation data if available.	Plan and section plots were analysed to evaluate the adherence of the estimation methodology to the geological model. The methodology was found to honour the grade continuity trends, which are assumed to be parallel to the dip of the mineralised zones.
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	Tonnage was calculated on a dry basis.
Cut-off parameters	The basis of the adopted cut-off grade(s) or quality parameters applied	A cut-off of 16% Fe and a maximum depth of between 250m and 100m depending upon dip and the number of mineralised zones was applied.
Mining factors or assumptions	Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	A minimum mining unit of 50m x 50m x 5m aided in the selection of block size. Approximate stripping ratios were calculated to inform the maximum depth constraint for the Mineral Resources.
Metallurgical factors or assumptions	The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	On the basis of preliminary test work, The Mineral Corporation has assumed that the Fe can be extracted by means of comminution and magnetic separation to form a magnetite concentrate.
Environmental factors or assumptions	Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	Environmental commitments made in the Mining Right do not materially change the economics of the Project, and hence the reasonable prospects for eventual economic extraction.
Bulk density.	Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. Discuss assumptions for bulk density estimates used in the evaluation process of the different materials	The KIOL data included density measurements for all diamond core holes. No information was provided on the methodology used to obtain these density data. The diamond core data from FCL exploration included density measurements obtained by the 'water immersion' method. A strong correlation between density and Fe was observed, and used to estimate block density after grade estimation. The density data from the FCL adequately accounted for woid spaces, and as the regression based on the KIOL data was almost identical to the regression based on the FCL data, it has been assumed that the KIOL method also accounted for the same.
Classification	The basis for the classification of the Mineral Resources into varying confidence categories. Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data). Whether the result appropriately reflects the Competent Person's view of the deposit.	The borehole spacing, surface mapping, structural interpretation, variography and kriging error estimates inform Mineral Resources which are classified as Inferred, Indicated and Measured. In areas of well- defined geological structure and modest grade variability, the 100m x 100m grid is sufficient for Measured Mineral Resources.
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates	No audits have been undertaken as yet
Discussion of relative accuracy/confidence	Where appropriate a statement of the relative accuracy and/or confidence in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated	Kriging Efficiency (KE) was used as a guide to Mineral Resource classification. Regions of blocks where KE is generally >0.5 are considered for the Measured category, while regions of blocks where KE >0.25 are considered for the Indicated category and regions with a KE<0.25 are considered for the Inferred category

Criteria	Explanation	Observations
	confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.	(Mwasinga, 2001). The mean KE of classified as Measured in this Mineral Resource estimate is 0.47 and those classified as Indicated is 0.26.
	The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages or volumes, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.	The estimates are local estimates. Blocks are categorized as Measured, Indicated or Inferred, and their use in technical or economic evaluation should be determined by the relevant code.
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available	No production data is available.