

NSX Market Announcement 6 July 2016

Phase 1 & 2 - Historical, Detailed Surface Mapping, Diamond Drilling

Consolidated Africa Limited (NSX: CRA) advises that the Orom graphite deposit is located approximately 6.37 km East of the town of Orom, and 75 km to the northeast of the town of Kitgum, northern Uganda. Consolidated Africa Limited, has engaged with Minrom consulting to conduct a geological investigation on the exploration licences EL1173 and EL1025.

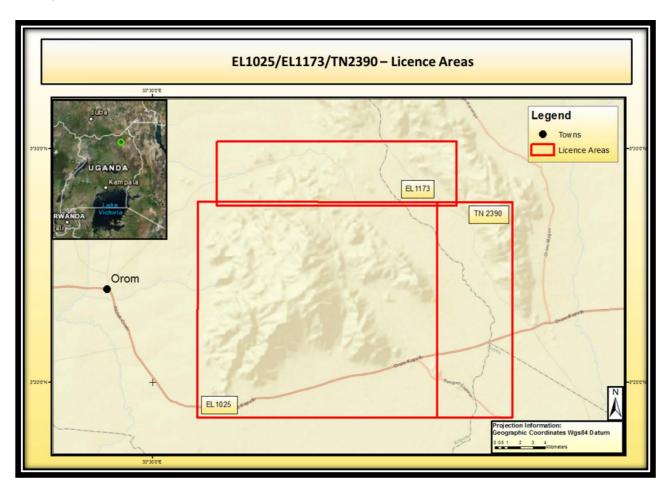


Figure 1 - Geophysical grid and the current licence areas



To date, the following geological exploration activities have taken place within the licence areas:

- The initial field work conducted by Mr. Morton in 1969, in which he investigated the geochemical anomalies of a soil sampling programme performed in 1964,
- TMT conducted a trenching programme with Mr. Jan Joubert.
- A total of 36 pits were excavated and 26 samples were extracted. The samples tested a graphitic carbon content ranging between 0.39 % to 25.3 % Graphitic Carbon,
- A detailed surface mapping, sampling and trenching programme, conducted by the geological team in 2015,
- In August 2015 CRA conducted a drilling and sampling programme on EL1025. A total of 600m of diamond core was drilled by ADT Drilling,

Historically the area was investigated by W.H. Morton, in 1969, with the intention of delineating the source of the geochemical anomalies (defined by the soil sampling in 1964) through surface investigations. The area proved to be anomalous in Zinc and to a lesser extent Cobalt, Nickel, Copper and Chromium. The locations of Morton's exploration activities can be seen in Figure 2 below. During the investigation Morton recorded numerous graphite occurrences in the surrounding lithologies.

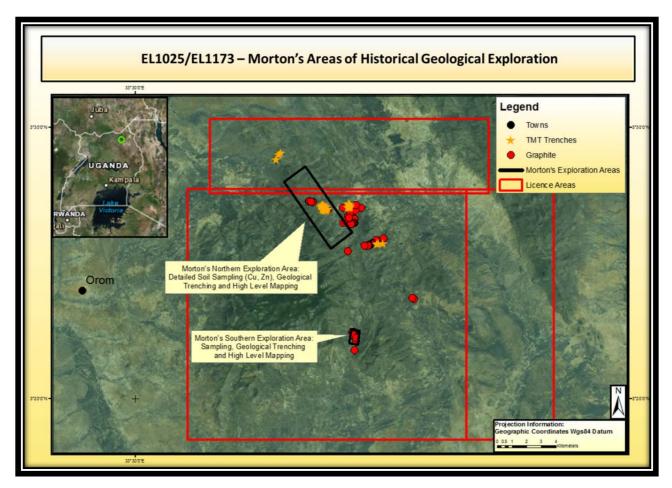


Figure 2 – Morton's exploration areas, overlain with the Minrom surface graphite occurrences

The results of Morton's investigations were investigated by CRA in June of 2015, which included a detailed surface mapping programme and subsequent exploration core drilling and sampling programme.



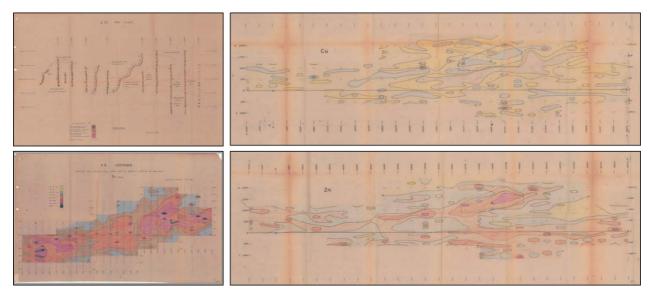


Figure 3 - Morton's Investigation Maps

The drillhole data indicates that there are multiple intersections of graphite bearing ore units occurring to a depth of 150m (maximum depth of the hole was 150 m). The graphite units were open below this level. The sample results indicate a graphitic carbon content that ranges between 0.55% - 15.9% Graphitic carbon.

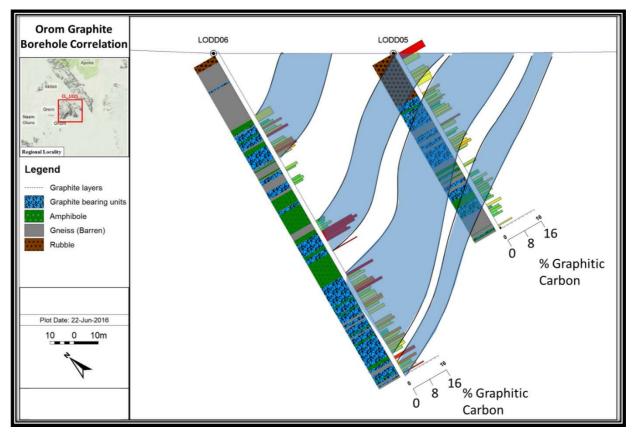


Figure 4 - Diamond Drillhole Correlation of Graphite Bearing Units



The phase 2 diamond drilling programme consisted of 6 holes totalling 600m and extracting 218 samples. The purpose of the programme was to determine the depth extent of the graphite layers as well as the horizontal continuation therefore the deeper holes were drilled to a maximum depth of 150m while the shallow holes were drilled to 50-80m and positioned along strike of the lithological units. The following histogram indicate a mean grade of graphitic carbon were obtained totalling 7.8%. The weighted average calculated was determined to be 8.01 % Graphitic Carbon.

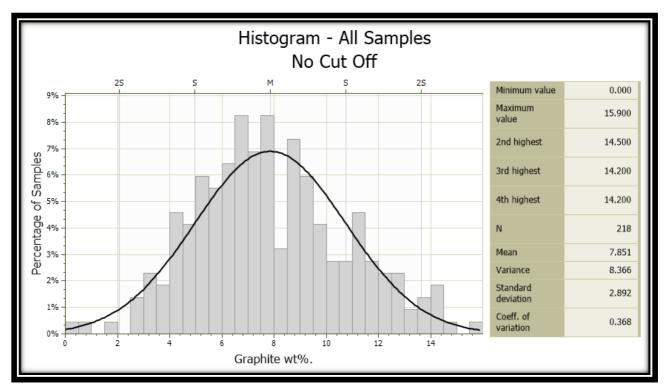


Figure 5 - Phase 2 Sampling Histogram

Using the surface graphite occurrences and subsurface drillhole information, the CRA geologists were able to develop an interpretation of the possible subsurface extents of the graphitic ore body within the licence area. Based on the scientific data collected to date it has been determined that there is the potential for the graphite bearing ore units to be horizontally continuous throughout the project area.

Of the samples obtained through the drilling programme, three were submitted for metallurgical work to be conducted by SGS South Africa. SGS were to subject the samples to the following testwork:

- Assay test work for graphitic carbon content and sulphur content by LECO method,
- XRD analysis of the major mineral assemblages,
- Grading analysis of the particle size distribution,
- Graphite flake distribution and microscope analysis,

The results of the grading analysis indicated that the majority of the graphite was present in the $\pm 212~\mu m$ size fraction. Two of the samples obtained flake sizes predominantly in the jumbo and large flake size categories and the remaining sample obtained a graphite flake size predominantly within the small and medium flake size categories. Table 1 illustrates the results of the graphite flake size distribution measured against the industry standards for graphite flake size. The flake size of samples M6152 and M6204 occurred predominantly in the jumbo and large flake size categories. The flake size of sample M6244 occurred predominantly within the small and medium flake sized categories.



Table 1 - Graphite Flake Size for Industry Standards

Grap	hite flake si	ze distribut	ion (Area %	
Flake size classification	M6152	M6204	M6244	Flake Length Class (μm)
Jumbo flake	74.33	59.07	23.74	>300 μm
Large flake	14.60	17.10	14.07	180 μm - 300 μm
Medium flake	2.66	5.85	30.40	150 μm - 180 μm
Small flake	6.59	12.49	25.74	75 μm - 150 μm
Fine flake / Amorphous	1.82	5.49	6.05	<75 μm
Total	100.00	100.00	100.00	

The results of the previous floatation test work obtained a purity grade of 84%-86% Graphitic carbon with the possibility of further upgrading when applied to further testwork. Based on the purity obtained and the flake sizes the graphite occurrence is located within the highlighted categories in Table 2 below.

Table 2 - Graphite Prices Related to Flake Size and Purity

Graphite Type	Flake Size Terminology	Purity (% Carbon)	Mesh Size	Size (Microns)	Moisture (%)	Price Low (US\$)	Price High (US\$)
High Purity Graphite	-	99.9	-	-	<0.05	20 000	30 000
(99.0-99.9% GC)	-	99.5	-	-	<0.2	7 000	9 000
High Carbon	Large & Jumbo Flake	94 - 97	+80	+180	<0.5	1050	1150
Graphite	Medium Flake		+100 -80	150 -180		900	1000
(94-98% GC)	Small Flake		-100	-150		750	800
Middle Carbon	Large & Jumbo Flake	90	+80	+180	<0.5	750	850
Graphite	Medium Flake		+100 -80	+150 -180		700	800
(85-93% GC)	Small Flake		-100	-150		600	650
	Medium Flake	85 - 87	+100 -80	+150 -180	<0.5	550	600
Fine Grade	Amorphous	80 - 85	-200	-75	<0.5	430	480
Micro Grade	Amorphous	70 - 75	-	-	<0.5	500	550



From the drilling programme tonnage estimates were calculated and were conducted as follows:

- The tonnage estimates were extrapolated across the entire 18 Km strike distance (Figure 6),
- Inclusive of all internal waste material,
- The totals were discounted by 50% for dilution,
- Further discounted by 30% due to the loss of ore during mining,
- The total metal content of graphite was calculated using the weighted average grade of 8.01 % Graphitic carbon,

Thus the total metal content for the three cases were as follows:

- The Minimum case indicates a total of **48 mt** (million tons) of graphite,
- The Moderate case indicates a total of **96 mt** (million tons) of graphite,
- The Maximum case indicates a total of 115 mt (million tons) of graphite,

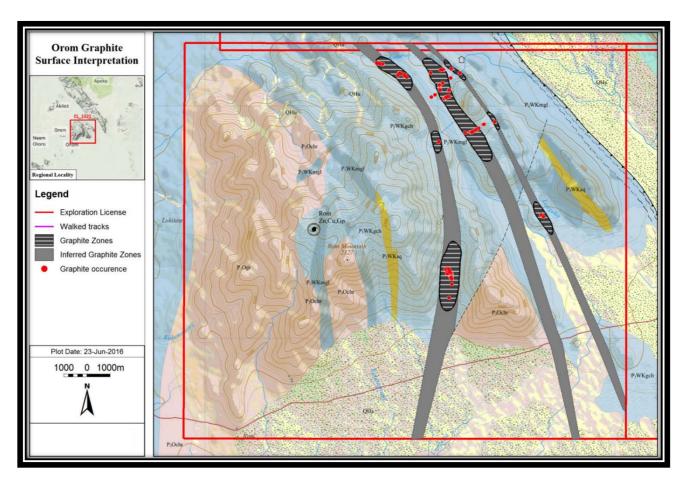


Figure 6 – Surface Graphite Locations and interpretation of the Potential Graphite Occurrences

For more information please contact:

Philip Lindsay

Chairman



Competent Person's Statement

The details contained in the document that pertains to exploration results, ore and mineralisation is based upon information compiled by Mr Oscar van Antwerpen, Mr Antwerpen is a Fellow of the Australian Institute of Geoscientists and is a Consultant to Consolidated Africa Limited. Mr Antwerpen 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 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Antwerpen has consented to the inclusion in the report of the matters based on the information in the form and context in which it appears.



JORC Code, 2012 Edition - Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. 	 Diamond drilling was conducted to produce HQ and NQ sized core for the sampling programme, Sample sizes were at 1m intervals as no Geostatistical analysis has been conducted to determine variability and optimum sample size. Core was split with a core cutter for sampling of one half of the core while the other half remained behind for reference purposes, The 1m samples were crushed and pulverized by SGS Johannesburg down for assay test work via LECO, XRF and Fire assay (SGS Johannesburg), Assay test work reported on the graphitic carbon content, organic carbon and total carbon by LECO, major mineral content by XRF and gold by Fire assay, Mineralogical test work was conducted by SGS Johannesburg on the samples for head grade analysis, major mineral assemblages, grading analysis and optical flake size distribution,
Drilling techniques	 Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	 Diamond drilling (core), Core size included HQ (60mm diameter) and NQ (40mm diameter), Standard tube, Core is not orientated,
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 Core loss/gain measurements were taken on each drill run, minimal core loss was observed, Drilling was monitored by a geologist to maximize ore intersection as well as to transport the core material, Grade may have been affected in the unconsolidated material through the loss of fine material. Special care were taken during the logging and sampling to preserve the integrity of the sample



Criteria	JORC Code explanation	Commentary
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 Core samples were logged at a high level first followed by detail logging of the identified lithologies, structures and mineralization. Methods included: lithological logging, geotechnical logging, core loss/gain record, meter marking and sample interval recording, Logging was qualitative, Photographic records were taken of all the core material produced from the drilling programme, All core was logged by all the methods mentioned above, A standard nomenclature was developed and facilitated between two geologists working together on the project to eliminate interpretation errors,
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 Core was cut and half of each sample interval was taken for sampling, All samples were crushed, dried and pulverized before assay test work. SGS performed all sample preparation activities, QA/QC methods included using a graphite field standard (no standard for the current project is available, a field duplicate/standard were prepared by SGS from previous mapping and sampling programmes). Silica blank standards were deployed. Duplicate test work on some of the samples was performed by SGS as part of their QA/QC. The sample lengths utilized incorporated the internal waste if occurring within the sample between graphite bands. Sample intersections and lengths were guided by lithological boundaries but were not optimized for grade, consistence in sample methodology were deployed, 2.
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, 	 SGS Johannesburg tested organic carbon and graphitic carbon by LECO, Major mineral content was tested by XRF, Gold content was tested by fire assay, The techniques above are considered total, No geophysical tools have been used thus far, Quality control procedures included blanks and field standards incorporated in to each sample batch as well as internal QA/QC by



Criteria	JORC Code explanation	Commentary
	duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	 the lab using blank, duplicates and standards, The machinery accuracy levels have been determined to be within an acceptable level and declared under ISO certification from SGS,
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Data entry was conducted by a Minrom geologist and verified to present errors and duplication Hard and soft copies of the captured logging data were stored,
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Downhole reflex readings were conducted to record variations, No significant reflex reading deviations were observed, Grid system deployed was: WGS_1984_UTM_Zone_36N, Longitude, latitude and elevation was recorded by hand held GPS, Collars were not surveyed by a differential survey instrument but will be recorded and surveyed during phase 2.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 Drillhole spacing was approximately 50m to 70m, Drillholes were placed along strike to determine horizontal and vertical continuation of the ore zones, The aim of the drill hole spacing in this very early stage exploration phase was to investigate the trend, dip and internal qualities of the mineralized graphite zones, for that particular section of the deposit, Sample compositing was not applied as no forma; resource estimation could be performed at this stage of the project,
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 The lithological units dip at a 70° angle to the south west, drilling was conducted at a 60° angle to the north east to insure the most perpendicular intersection of the ore body, Duplication of the mineralized zones in one borehole were not observed based on the knowledge of the area,
Sample security	The measures taken to ensure sample security.	 Samples have been kept in safe locations under constant supervision and have been stored within locked containers for preservation,
Audits or	The results of any audits or reviews of sampling techniques and data.	No audits have been performed to date



Criteria	JORC Code explanation	Commentary
reviews		

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 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 or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a 	 Exploration license 1025, Kitgum/Kaabong district, Northern Uganda, Renewal granted to Consolidated African Resources Limited on 9th August 2015 until the 9th August 2017, for the prospecting of Graphite, Gold, Zinc and Micas', The license is secure, valid and in full conformance with the Ugandan Mineral Law, Exploration License 1173, Kitgum/Kaabong district, Northern Uganda, Granted to Frontier Exploration Limited from the 8th July 2013 until the 8th July 2016, the Exploration License was then transferred to Consolidated African Resources Limited with effect from 29th April 2016 for the prospecting of Graphite, Gold, Zinc and Micas', The license is secure, valid and in full conformance with the Ugandan Mineral Law, Exploration License TN 2390, Kitgum/Kotido/Kaabong District Northern Uganda, Granted to Consolidated African Resources Limited on the 20th of June 2016 until the 20th June 2018, for the prospecting of Graphite, Gold, Zinc and Micas', The license is secure, valid and in full conformance with the Ugandan Mineral Law,



Criteria	JORC Code explanation	Commenta	ry									
	licence to operate in the area.											
Exploration done by other parties	 Acknowledgme nt and appraisal of exploration by other parties. 	during 19	Previous exploration was conducted by W.H. Morton in the Lochomo and Rom south areas within the license during 1969, IMT mining and discovery Africa conducted a pitting and trenching programme, (2014),									
Geology	 Deposit type, geological setting and style of mineralisation. 	Located pyroxeneThe mine	e gneisses conta eralisation style i	orphic region composed ining garnets, amphibo ncludes the banding of ons are common with t	lites and quartzo-feld large to jumbo sized	dspathic bands	ı	ones of				
Drill hole	A summary of	Hole_ID	Easting	Northing	RL	End-Depth	Azimuth	Inclination				
Information	all information material to the	LODD01	570557.0170	381585.9710	1307.0000	63.40	045°	-60°				
	understanding	LODD02	570101.9570	381527.9630	1323.0000	112.10	045°	-60°				
	of the	LODD03	570136.9770	381483.0030	1312.0000	125.50	045°	-60°				
	exploration results including	LODD04	568402.0160	381284.9950	1414.0000	73.00	045°	-60°				
	a tabulation of	LODD05	568319.9760	381376.0210	1414.0000	84.60	045°	-60°				
	the following	LODD06	568267.0320	381324.0350	1414.0000	154.00	045°	-60°				
	information for all Material drill holes: o easting and northing of the drill hole collar o elevation or RL (Reduced Level – elevation above sea											



Criteria	JORC Code explanation	Commentary
	level in metres) of the drill hole collar o dip and azimuth of the hole o down hole length and interception depth o hole length. • 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.	
Data aggregation methods	 In reporting Exploration Results, weighting averaging 	 Weighted averaging was determined by multiplication of the grade by the sample interval length for each sample, the result of each sample was then added to form a combined total and divided by the total sample interval length, Minimum grade was determined to be 0.5% graphitic carbon and was used as the bottom limit in grade determinations and basic statistical analysis,

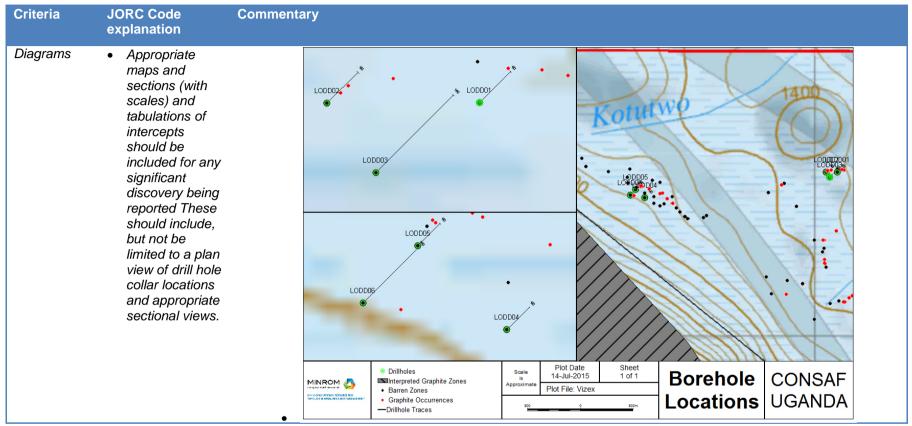


Criteria	JORC Code explanation	Commentary
	techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be stouch aggregations should be stated and some typical examples of such aggregations should be shown in detail.	 Three boreholes have been tested for low, medium to high grade with the latter three boreholes only tested for high grade characterization. The sample scheduling were performed as result of time constraints, Both high and medium grade samples have been utilized during flake size analysis and grading analysis, Sample lengths were consistently utilized during the sampling program,

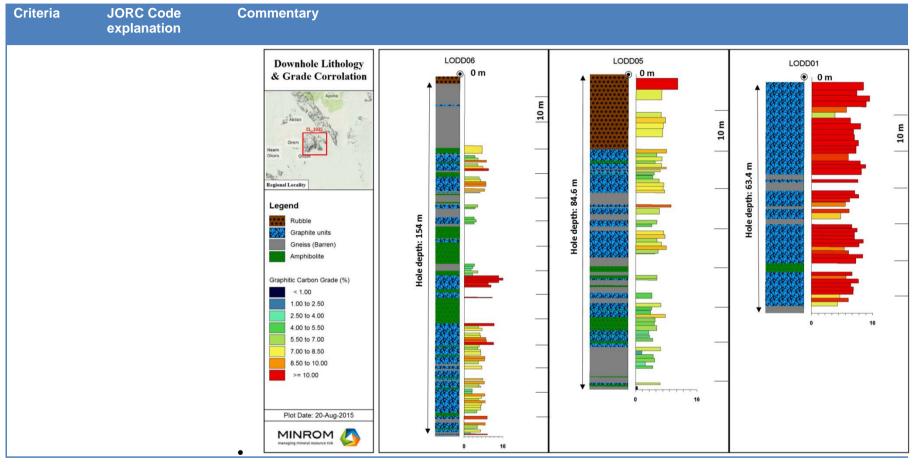


Criteria	JORC Code explanation	Commentary
Deletionation	used for any reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisatio n widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	 The mineralisation nature has been determined to be dipping at a 70° angle to the south west, interpreted from surface measurements and downhole intersections, Mineralisation occurred down to a depth of 120m below surface, The down hole length, drilling angle and dip of the deposit was used to determine the true thickness, True thickness calculations were utilized to declare mineralization zone thickens, Weighted average calculations were deployed to calculate the grade distribution of the ore body,

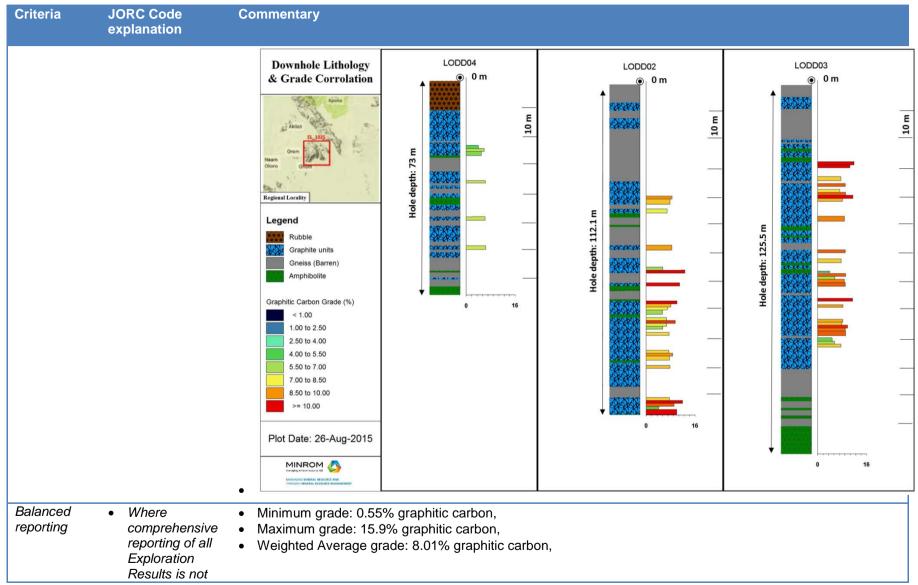














Criteria	JORC Code explanation	Commentary					
Other substantive	practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. Other exploration data, if meaningful and	 Mineralogical test results: (Flake Size Distribution) 					
exploration data			Graphite flake size distribution (Area %)				
	material, should	Flake size class	sification	M6152	M6204	M6244	Flake Length Class (µm)
	be reported including (but	Jumbo fl	ake	74.33	59.07	23.74	>300 μm
	not limited to):	Large fla	ake	14.60	17.10	14.07	180 μm - 300 μm
	geological	Medium f	lake	2.66	5.85	30.40	150 μm - 180 μm
	observations; geophysical	Small fla	ike	6.59	12.49	25.74	75 μm - 150 μm
	survey results;	Fine flake / An	norphous	1.82	5.49	6.05	<75 μm
	geochemical	Total		100.00	100.00	100.00	
	survey results; bulk samples –	(Chemical Analysis)					
	size and method of				Total Sulphur	Graph Carb	on
	treatment; metallurgical		Method		CSA06V	CSA0	5V
	test results; bulk		LDetection		0.01	0.03	5
	density, groundwater,		UDtection		100	100	



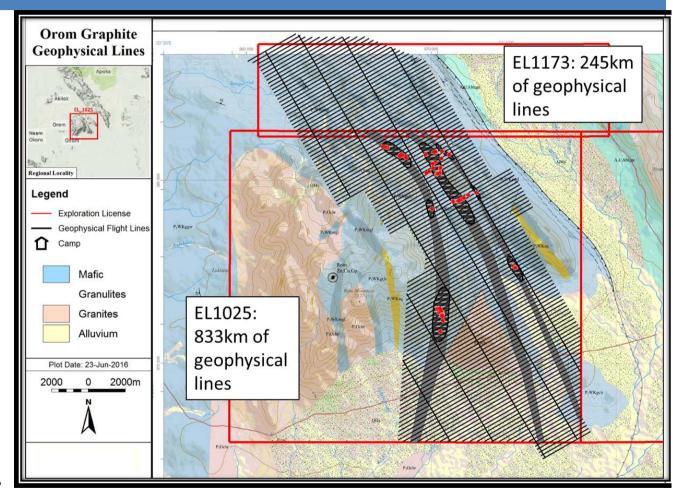
Criteria	JORC Code explanation	Commentary								
	geotechnical			Units	;		%		%	
	and rock characteristics;			M615	2		1.74		6.10	
	potential			M620	4		3.07		8.98	
	deleterious or			M624	4		1.10		12.50	
	contaminating substances.	 (XRD Analysis) 								
			M	inerals	M61	52	M62	04	M624	4
			Ç	uartz	25 - 5	0%	25 - 50	0%	25 - 50	%
			Mica	(Biotite)	15 - 2	5%	15 - 2	5%	15 - 25	%
			Pla	gioclase	25 - 5	0%	5 - 15	5%	15 - 25	%
			Gi	aphite	5 - 13	5%	5 - 15	5%	5 - 15%	%
			(Calcite	Tr		Tr		Tr	
			6	arnet	Tr		-		-	
			Am	phibolite	-		Tr		-	
			C	hlorite	-		-		Tr	
 Geophysical Survey (VTEM) The geophysical survey totaled 1078 km in geophysical lines. 245 km were located within EL1173 and 833 										
km were located within EL1025,										



Criteria

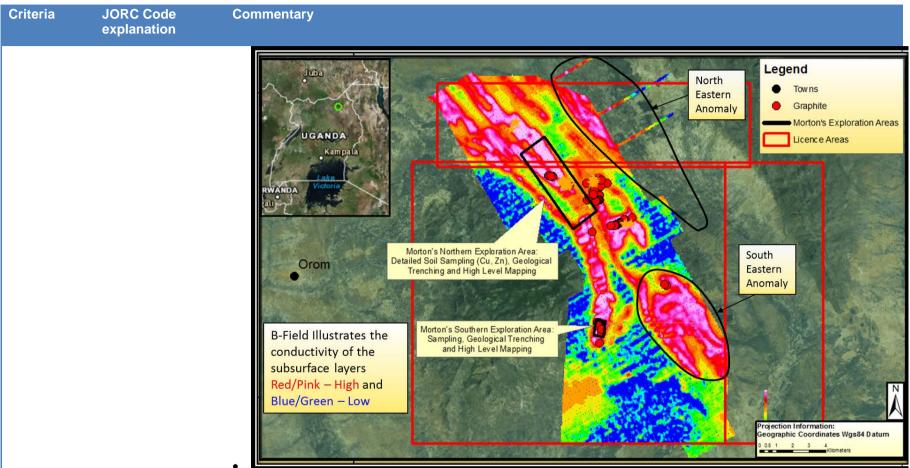
JORC Code explanation

Commentary



• The results of the survey produced an excellent correlation between the subsurface conductors (illustrated in the figures below by the warm colours i.e. reds and pinks), the areas investigated by Morton in 1969, and the surface graphite occurrences obtained during the phase 1 mapping programme,



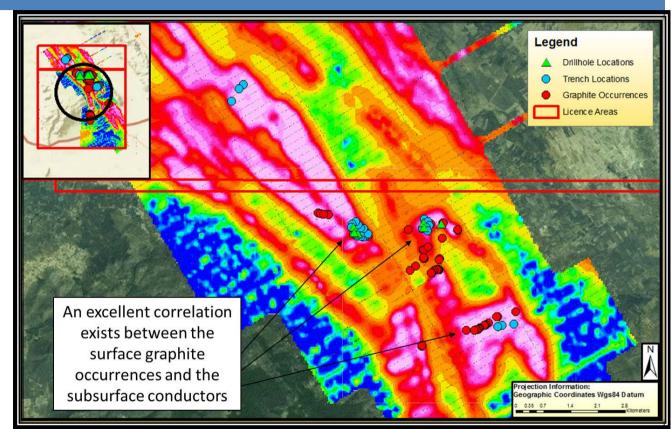




Criteria

JORC Code explanation

Commentary



- An interpretation of the geophysical results was conducted by specialized geophysicists in order to determine potential graphite exploration target areas for further exploration. The targets are as follows and can be seen in the figure below and are as follows:
- Targets GT_01, GT_02, and GT_03 are of first priority,
- Targets GT_04, GT_05, and GT_06 are of second priority.



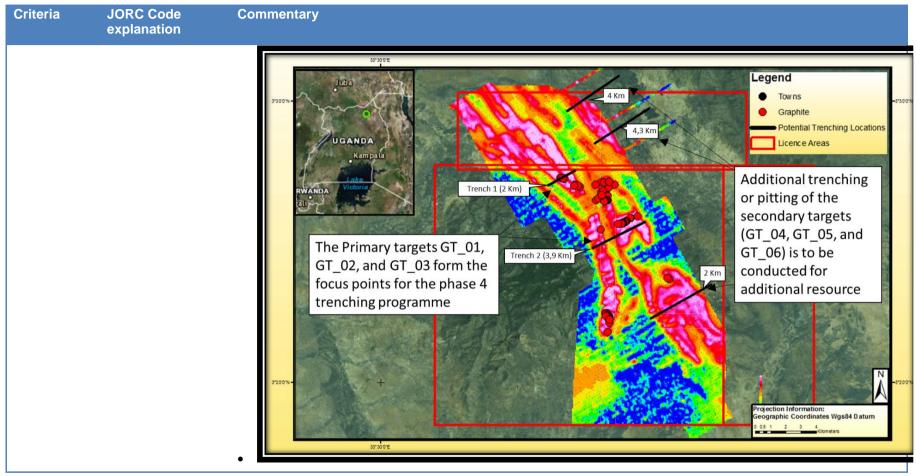
Criteria JORC Code Commentary explanation (GEOTECH 4.47 4.35 4.24 4.12 4.00 3.88 3.77 3.65 3.53 3.41 3.30 3.18 3.06 2.94 2.82 2.71 2.59 2.47 2.35 2.24 2.12 2.00 1.88 Moderately Chargeable 1.77 1.65 1.53 1.41 1.29 1.18 1.06 0.94 0.82 **Graphite Targets** 0.71 0.59 0.47 0.35 0.24 0.12 TAU (mSec) Level 28, 1 Market St, Sydney NSW 2000, Ph

Selected Graphite Targets



Criteria	JORC Code explanation	Commentary
Further work	 The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	 The next phase of exploration (Phase 4) is to include detailed trenching and sampling of the subsurface material over the exploration targets, The primary graphite targets (GT_01, GT_02, and GT_03) form the locus for the phase 4 investigation. Two individual trenches are to be excavated over the target areas. The trenches will strike perpendicular to the graphite trend and will be excavated to a depth of 1.5m. Trench 1 will be investigating targets GT_01 and GT_02 and will total 2 km in length. Trench 2 will be located over GT_03 and will attain a total of 3.9 km in length, see the figure below. Additional trenches and localized pitting is proposed to investigate the secondary targets (GT_04, GT_05, and GT_06). The study area is extremely heavily vegetated and outcrop is very obscured, the following diagram clearly illustrate the graphite localities identified through traverse walking cross the area,





Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Database	 Measures taken to ensure that data has not been corrupted by, for 	 Hard copies and soft copies of the logging data are kept for reference



Criteria	JORC Code explanation	Commentary
integrity	 example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes. Data validation procedures used. 	 purposes, Assay results input was conducted by a Minrom geologist and checked for accuracy, Data validation was conducted in Micromine, Soft copies are stored in various localities for safe keeping,
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. 	 An initial site visit was conducted by a Minrom geologist prior to the commencement of the exploration programme. Pit sampling were performed during this stage, A three week field mapping program were performed and concluded prior to the commencement of drilling. The mapping and trenching were utilized during the placement of the drill holes, The competent person visited, evaluated and ensured system and procedures were in place and followed to manage the field data, core logging and sampling and finally the export of the samples to SGS Johannesburg. The CP is adequately satisfied that the necessary steps has been followed and that all measures are in place,
Geological interpretation	 Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit. Nature of the data used and of any assumptions made. The effect, if any, of alternative interpretations on Mineral Resource estimation. The use of geology in guiding and controlling Mineral Resource estimation. The factors affecting continuity both of grade and geology. 	 The exploration results are reported in the form of a range analysis as result of the limited exploration drilling programme. No Geostatistical estimation were performed on the mineralization area, The data used during the range analysis included: surface mapping locations of graphite occurrences, structural measurements of lithological outcrops, down hole lithological interpretation, structural logging, sample assay test work, optical flake size analysis, An assumption of lateral continuity was utilized during the tonnage calculations. The lateral continuity is based on the positive graphite occurrences identified by Mr. Morton and Minrom field traverse mapping. The published geological map indicated the gneissic units to trend south east, The geology formed the basis from which all high level min, medium and max range tonnages were derived, Possible faulting in the area may disrupt continuity, fluctuation in grade is common across the different graphite bearing units,



Criteria	JORC Code explanation	Commentary
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. 	 The length of the ore body was estimated at ~18km, The deposit consists of three zones of graphite bearing units. Zone 1 – width of 150m, zone 2 – width of 500m and zone 3 – width of 435m. The depth of the deposit was estimated for three different cases: minimum – 50m, probable – 100m and maximum – 120m,
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 and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used. The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data. The assumptions made regarding recovery of by-products. Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation). In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed. Any assumptions behind modelling of selective mining units. Any assumptions about correlation between variables. Description of how the geological interpretation was used to control the resource estimates. Discussion of basis for using or not using grade cutting or capping. The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available. 	 Tonnage estimations were conducted with the assumption of horizontal continuity of the lithological units based on the surface occurrences of graphite throughout the area along strike, Dilution of 50 percent were applied during the range analysis tonnage calculations in order to accommodate for the internal waste component, A varying depth cut off were utilized during the range analysis and were based on the drill hole intersections, Validation of the drillhole data was conducted within Micromine as well as verified by the Minrom geologist,
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	Estimated on a dry basis
Cut-off parameters	 The basis of the adopted cut-off grade(s) or quality parameters applied. 	 A cut-off grade of 0.5% graphitic carbon was applied to remove barren sample sections during descriptive statistics, 0.5% graphitic carbon lower limit was applied to the assay results for average grade analysis during the range analysis,



Criteria	JORC Code explanation	Commentary
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. 	Not applicable at this early stage of the project
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.	 Grading analysis has been performed from three samples, two high grade samples and one medium grade sample, High level optical flake size analysis were performed providing supporting information utilized during the flake size characterization, Metallurgical test work is currently being scoped and will proceed in October in order to perform qualitative testing of the graphite purity of the sampling material,
Environmen- tal 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.	 Waste and process residue will not be environmentally harmful, Chemical treatment to upgrade the ore could have a negative impact on the environment in the event of leaking from the containing structures. Mining may affect the water table in the area.
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. 	 Sample length was ~1m intervals. Sample assay work was conducted by LECO for graphitic content, XRF and fire assay. Samples were crushed and dried prior to assay work. Samples were taken of the graphite bearing units from each borehole, amounting to approximately 56% of all the metres drilled, Samples were representative of the graphite bearing units and included the internal waste between graphite bands,



Criteria	JORC Code explanation	Commentary
	 Discuss assumptions for bulk density estimates used in the evaluation process of the different materials. 	 Specific gravity of the samples was measured by Minrom deploying the submersion method,
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 mineralization potential of the graphite deposit were presented in the form of an exploration results high level range analysis,
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates.	No audits nor reviews have been performed to date,
Discussion of relative accuracy/ confidence	 Where appropriate a statement of the relative accuracy and confidence level 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 confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate. The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available. 	 The results declared in the first phase of exploration is based on the exploration findings, A combination of the findings were utilized to perform a high level tonnage estimation declared as an exploration result in the form of an range analysis, Phase 2exploration will be supported by geophysical investigations and field mapping during the dry season, The range analysis deployed and presented were based on three classes, namely: Minimum case was estimated at a 50m depth, The medium or most likely case was estimated at a 100m depth, The maximum case was estimated at a 120m depth, The length and width of the deposit remained the same for all cases, Length 18km and width zone 1 (150m), zone 2 (500m) and zone 3 (435m),