ASX Media/Announcement

23 June 2014

SIGNIFICANT HIGH-GRADE GRAPHITE INTERSECTED AT NICANDA HILL

HIGHLIGHTS:

- **Initial drilling results have identified multiple high grade zones with the weighted average graphite carbon (GrC), including:**
  - **20m at 17.1% GrC in GBNC0003**
  - **8m at 14.4% GrC in GBNC0003**
  - **10m at 13.9% GrC in GBNC0003**
  - **14m at 13.1% GrC in GBNC0003**
- **High grade graphite zone (HG1) averaging 17% GrC**
- **Diamond drill hole (GBND0005) intersected HG1 zone at 382m downhole**
- **GBND0005 intersects 313m of graphitic mineralisation from surface to end of hole at 428m, finishing in graphite mineralisation and open at depth**
- **Assay results to date show an overall higher graphite grade at Nicanda Hill than at Cobra Plains. Further assay results pending**
- **Drilling to date has demonstrated the continutity and consistency of graphite mineralisation over down-dip and surface extents of 500m and 850m respectively**
- **Graphitic materially is readily liberating during the drilling process**
- **Drilling results continue to confirm world class potential of Balama North Project**

Triton Minerals Limited (ASX: TON, "Triton", "the Company") is extremely pleased to confirm that the first round of assay results from the RC drilling program, has identified multiple high grade zones of the graphite mineralisation at Nicanda Hill. Further, based on geological observations, that the Company has once again intersected significant graphitic mineralization at considerable depths.

Triton Minerals Managing Director Brad Boyle said "To intercept a further 313m cumulative width of graphite mineralisation in a single hole and still open at depth, some 500m south east from the last major interception is an astounding result.

Further, the latest assay results are demonstrating that the Nicanda Hill prospect mineralisation contains multiple high grade graphite zones averaging 11% graphite carbon. These are very exciting results for Triton and continues to show the world class potential of the Balama North project."

SIGNIFICANT ASSAY RESULTS FROM FIRST RC DRILLHOLE

Triton has completed nineteen (19) RC drill holes and five (5) diamond holes in the current drilling program on the Nicanda Hill prospect that has been designed to test the width and potential continuity of the interpreted graphitic zone as suggested by the conductive zones identified in VTEM data (Figure 5 below)

The initial assay results for RC drill hole GBNC0003 have been received and are shown in Figure 1 and Table 1. The 153m long drill hole GBNC0003, contains a cumulative thickness of 125m of graphitic schist.

Due to the consistently high graphite grades that have been received from the Nicanda Hill prospect to date, the assay results are now being reported at both 5%GrC and 10%GrC cut offs.

Significantly, at a 5%GrC cut off, GBNC0003 has returned 78m at 11.4%GrC. Within this 78m intersection are four high grade intervals at a 10%GrC cut off, which include 20m at 17.1%GrC. The geological unit from which returned the intercept of 20m at 17.1%GrC has been designated as the **HG1 zone** (Figure 1).

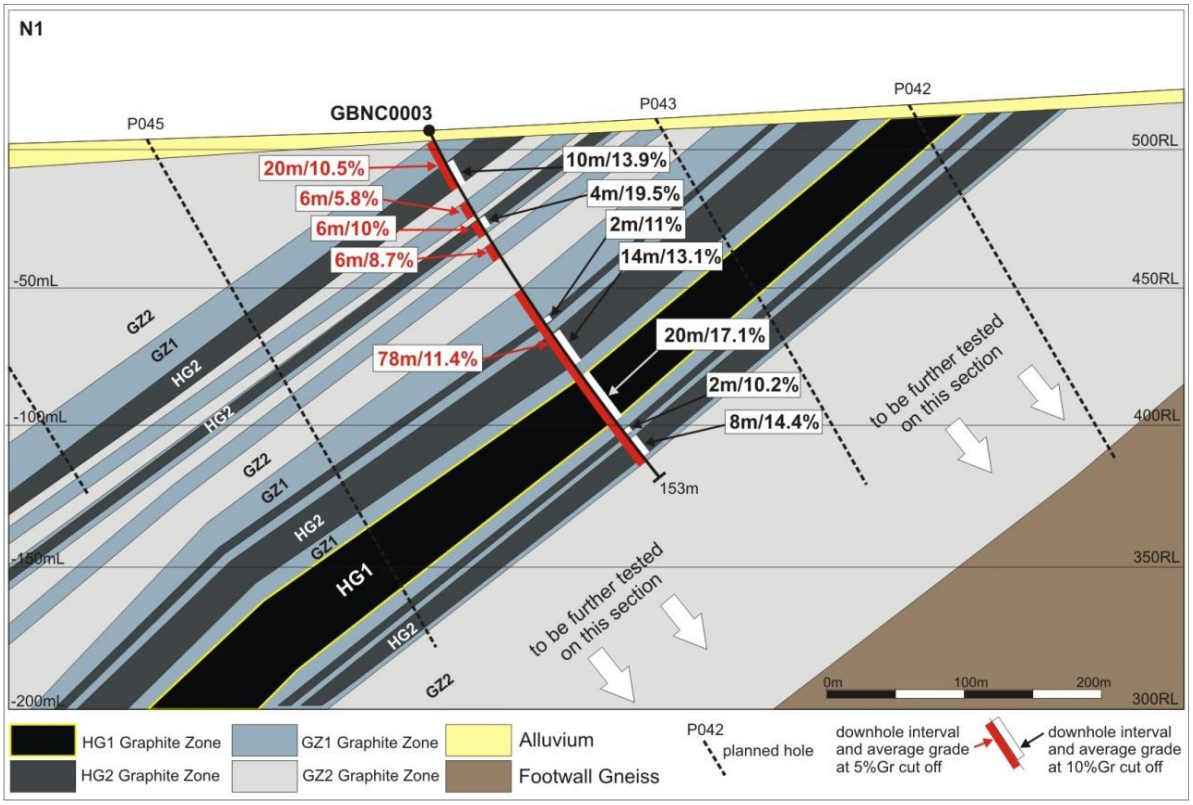

Figure 1. Cross section for drilling completed on Drill Line N1 on the Nicanda Hill Prospect

POTENTIAL OF THE HG1 ZONE

Geologically, the HG1 zone is defined by a graphitic schist that comprises a quartz-graphite-carbonate mineral assemblage. HG1 was intersected by diamond drill holes TMBD0005 and TMBD0006 that were completed in November 2013, and recently HG1 has been identified in a number of the 2014 drill holes. At a 10%GrC cut off, these holes reported 30m at 17.6%GrC and 22.7m at 16.9%GrC respectively (Figure 2).

Thus, HG1 has returned significant graphite carbon assay results from three holes on two sections separated by 200m along strike.

Diamond drill hole GBND0001, on section N2, has intersected the identical rock type that defines HG1 at a point that is 145m down dip from TMBD0006. The HG1 zone in GBND0001 is developed over a downhole interval of 34m from 181m. Assay results are pending.

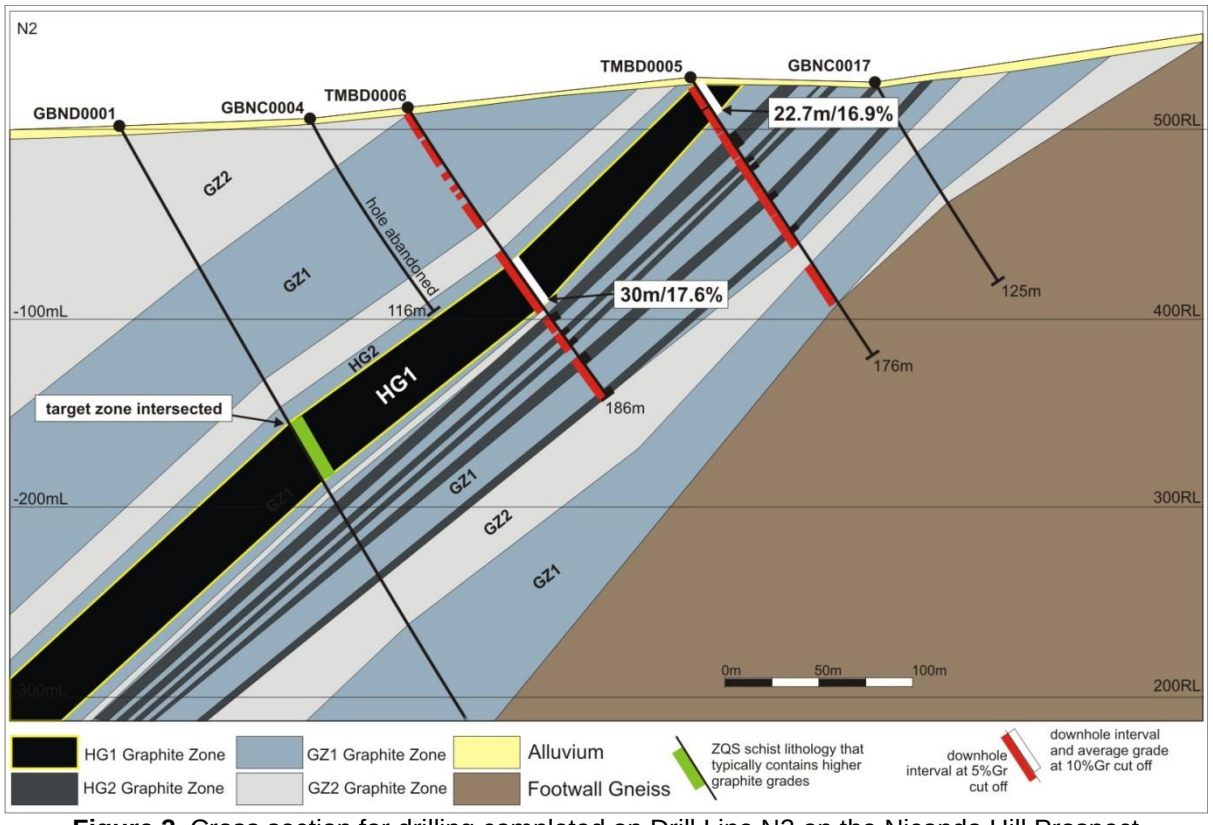

Figure 2. Cross section for drilling completed on Drill Line N2 on the Nicanda Hill Prospect

HG1 has also been intersected in diamond drillhole GBND0003 (S1.5) from 33m to 77m downhole (refer plan, Figure 3). Assays are pending. This intersection confirms the geological continuity of HG1 is over a strike length of 540m.

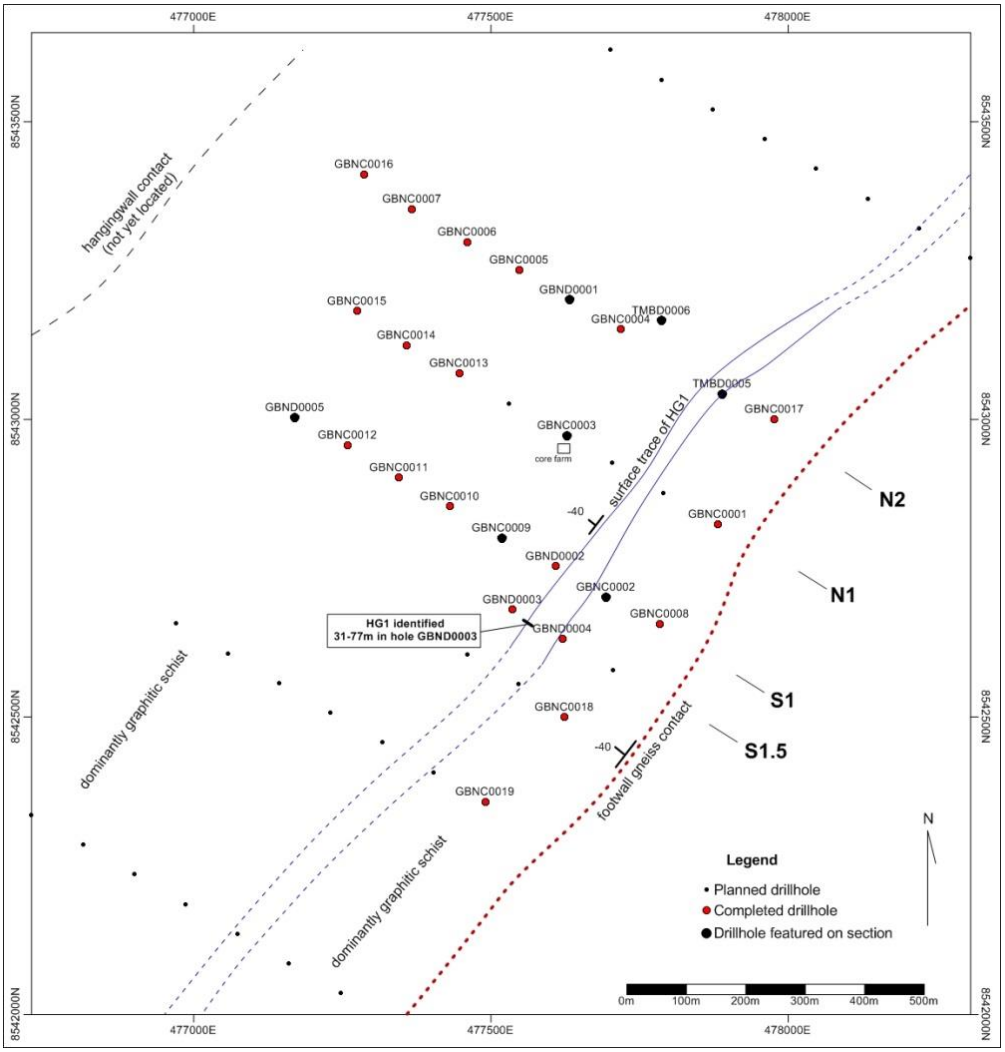

Figure 3. Nicanda Hill Prospect drillhole location plan

Drill Section	Hole ID	Northing	Easting	RL	Total Depth (m)	Dip/ Azimuth	Cut Off Graphite C%	Depth From (m)	Depth To (m)	Interval (m)	Down Hole Interval Weighted Average Graphite C%
N1	GBNC0003	8542972.8	477628	506.5	153	142/-60	5	3.0	23.0	20.0	10.5
N1							5	29.0	35.0	6.0	5.8
N1							5	37.0	43.0	6.0	10.0
N1							5	47.0	53.0	6.0	8.7
N1							5	67.0	145.0	78.0	11.4
N1	GBNC0003	8542972.8	477628	506.5	153	142/-60	10	13.0	23.0	10.0	13.9
N1							10	37.0	41.0	4.0	10.5
N1							10	81.0	83.0	2.0	11.0
N1							10	87.0	101.0	14.0	13.1
N1							10	107.0	127.0	20.0	17.1
N1							10	131.0	133.0	2.0	10.2
N1							10	135.0	143.0	8.0	14.4
N2	TMBD0005*	8543043	477889	528	176.5	130/-56	10	2.6	25.3	22.7	16.9
N2	TMBD0006*	8543166	477787	511	185.6	128/-55	10	96.8	128.1	31.2	17.6

Table 1. Significant Intersections (Note: * Drilled in 2013)

The oriented diamond core from drill holes TMBD0005, TMBD0006 and GBND0001 to GBND0005 shows the graphite schist generally dips to the northwest with local folding evident. On this basis, the Company believed that the graphite mineralisation potential continued down dip to the northwest to considerably greater depths than already intersected in GBND0005 (428.6m total hole depth).

Thus diamond hole GBND0005 was designed, on section S1, to test as much of the graphitic stratigraphy as possible.

GBND0005, which ended at a depth of 428m, contains a cumulative thickness of 313m of graphitic schist, the remainder comprising narrow intervals of non-graphitic tonalite gneiss. The hole was terminated in graphite schist leaving the hole open at depth. (Figure 4).

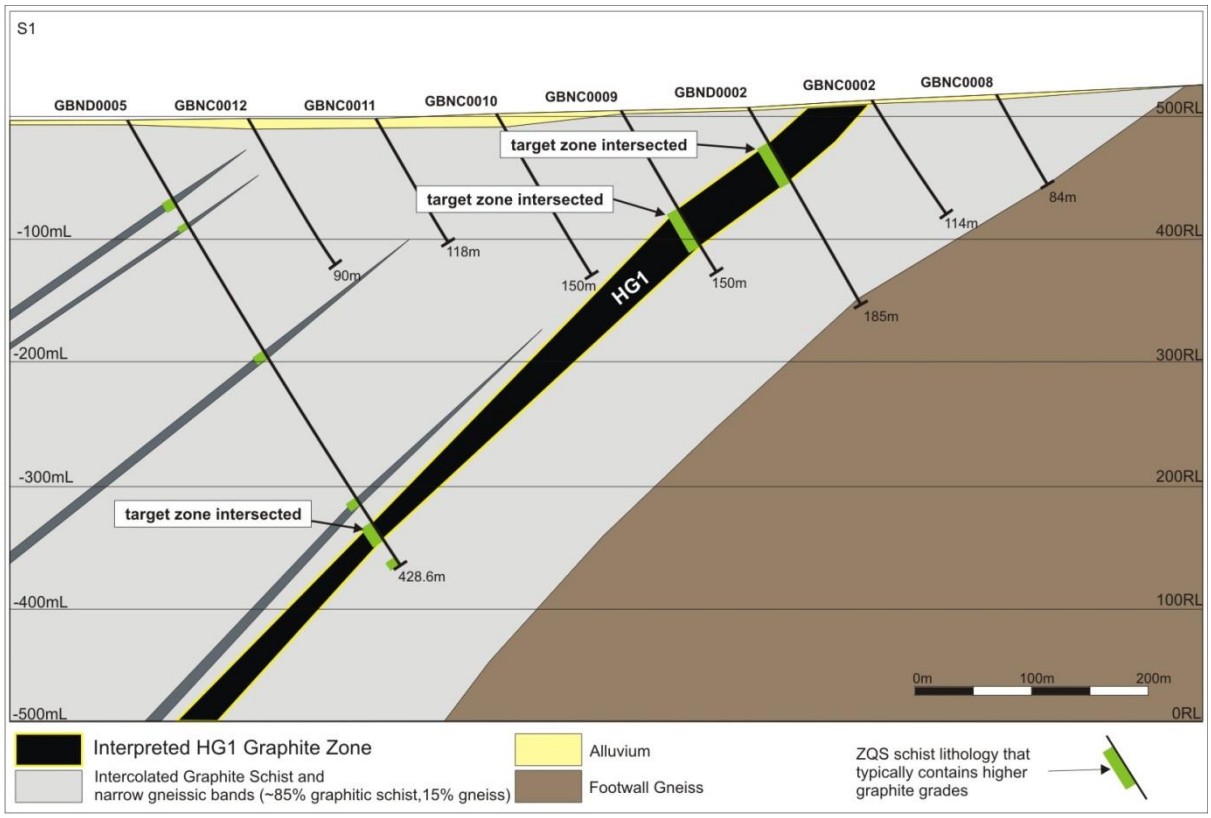

Figure 4. Cross section for drilling completed on Drill Line S1 on the Nicanda Hill Prospect

Significantly, GBND0005 together with GBNC0002 and GBNC0009, have all intersected the identical rocks that define the target HG1 zone. On section S1 the HG1 zone has been geologically interpreted to be continuous from near surface to beyond the depths identified in diamond drill hole GBND0005 – a down dip extent of over 500m and a strike length of 540m as previously stated. Assays from these three holes are pending.

KEY POINTS

- The reported results continue to demonstrate multiple high grade graphite zones of substantial widths along the entire length of all drillholes completed to date.
- Further, these results have verified the continutity and consistency of previously identified high grade zones.
- High grade target zone (HG1) confirmed over a strike length of 540m and 500m downdip.
- The assay results to date are demonstrating average grades for HG1 of above 17% graphitic carbon.
- These latest observations dramatically expand the known mineralisation zone and demonstrates good continuity and consistency in the graphite mineralisation over a considerable distance.
- The drilled graphite mineralization intersections correlate well with the zone of high electrical conductivity defined by the VTEM survey data. The inversion modelling of the VTEM data interpreted the graphite mineralisation to extend well beyond 150m depth below surface.

ONGOING EXPLORATION

Presently the drilling has demonstrated a width of over 850m of graphite mineralisation at surface (extended with GBNC0016) and over 400m vertically. Additional holes are planned to the northwest of hole GBNC0007, to close off the zone of graphite mineralisation on drill line N2.

The deep intersections of graphite mineralisation in GBND0001 and GBND0005 lends further support to this interpretation. Graphite mineralisation to these depths exceed the Company's original target expectations and the Company is excited by the fact that the zone still remains open to the northwest.

Furthermore, the Company is yet to drill on of the ridge of Nicanda Hill, which recent survey data confirms has an elevation of more than 90m above the collars of the drilled holes.

To date the trenching and drilling at Nicanda Hill Prospect has demonstrated graphite mineralization over **1.75km** between drill line S1 and Trench 2 (Figure 5). The Company is looking to extend the known extents of the graphite mineralisation on the Nicanda Hill Prospect with further drill testing of the 5km long high electrical conductivity zone defined by the VTEM survey data.

These drilling results have again dramatically expand the depths and width of the defined graphite mineralization zone on the Nicanda Hill Prospect, with the zone remaining open to the north, south and west.

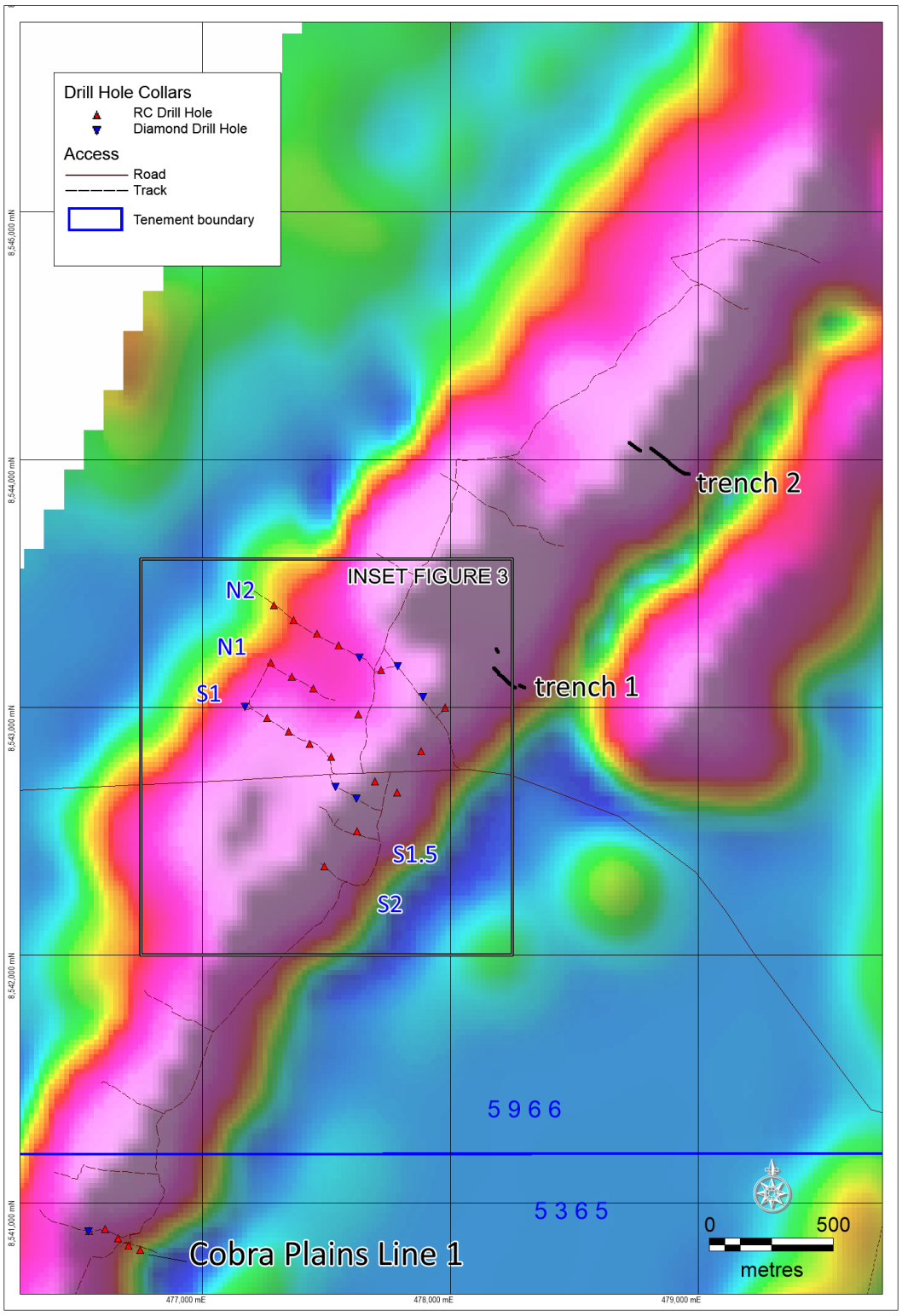

Figure 5. Location of completed RC and Diamond drill holes on the Nicanda Hill Prospect. Base image is the 50m conductivity depth slice from the VTEM survey overlain by elevation contours highlighting the topographic high of Nicanda Hill and the ridge east of Cobra Plains. The drill lines N1, N2 and S1 are presented in Figures 1, 2 and 4.

BALAMA NORTH GRAPHITE

The drilling program at Nicanda has also continued to support the Company's view that the graphite liberates readily from the graphitic material. As previously announced by Triton on 15 April 2014, the graphite was liberated by proven methods of crushing, grinding, rougher and cleaner flotation, to obtain high grade graphite concentrate of up to 97.1%. An example of the flotation method is shown in Figure 6 below.

Triton notes the similarity of the flotation results and the recovery of graphite as obtained in the ALS laboratory, to the occurs of graphite liberation seen with the diamond drill holes at Nicanda Hill (Figure 7).

The liberation of the graphite during the drilling process is a very encouraging sign of the presence of high grade graphite zones. Triton feels that the graphite at Nicanda Hill also appears to be readily liberated using the same methods as Cobra Plains, thus the likelihood of obtaining high grade graphite concentrate in the future is also good.

Figure 6. Image of the graphitic material being liberated using a flotation method at the ALS Metallurgy laboratory.

Figure 7. Graphite liberation on as seen at surface on diamond drill hole GBND0005

IMPLICATIONS

These drilling results continue to demonstrate that the Balama North project can potentially host a market leading and world class high grade graphite deposit and could become one of **largest high-grade graphite projects in the world**.

The strategy of testing the full stratigraphic width and downdip extensions enables the Company to assess the scale of the deposit in order to better plan for resource-conversion drill spacing and the targeting of higher quality mineralization that may amenable to open pit extraction.

Triton is extremely confident of continued exploration success and is looking forward to providing further exploration updates to the market, as the information becomes available.

Regards

Brad Boyle
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Competent Person's Statement

The information in this report that relates to Exploration Results on Balama North project is based on, and fairly represents, information and supporting documentation prepared by Mr Carl Young, who is a Member of the Australasian Institute of Geoscientists. Mr Young is not a full-time employee of the Company. Mr Young is employed as a Consultant from Model Earth Global Geological Services. Mr Young 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 Mineral Resources and Ore Reserves (the JORC Code)'. Mr Young consents to the inclusion in this report the exploration results and the supporting information in the form and context as it appears.

The information in this announcement that relates to Exploration Results on Balama North project is extracted from the reports entitled ASX Release "High Grade Graphite Discovery at Nicanda Hill" created 22 January 2014 and ASX Release "Exceptional Graphite Interceptions At Nicanda Hill" created 19 May 2014 and are available to view on www.tritonmineralsltd.com.au The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not necessarily limited to, statements concerning Triton Minerals Limited's planned exploration program and other statements that are not historic facts. When used in this document, the words such as "could", "plan", "estimate" "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although Triton Minerals Limited believes that its expectations reflected in these are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.

Appendix 2

Table 1. Drill holes information GBNC0001 to GBNC00019, GBND0001 to GBND0005 and TMBD0005 and TMBD0006.

HOLEID	Drill Type	North	East	RL	Total Depth (m)	Dip	Azimuth (Magnetic)
GBNC0001	RC	8542824	477882	523	72	-60	150
GBNC0002	RC	8542701	477694	514	114	-60	150
GBNC0003	RC	8542973	477628	506	153	-60	150
GBNC0004	RC	8543151	477719	506	124	-60	150
GBNC0005	RC	8543251	477548	496	222	-60	150
GBNC0006	RC	8543298	477460	494	150	-60	150
GBNC0007	RC	8543354	477367	491	108	-60	150
GBNC0008	RC	8542657	477784	517	84	-60	150
GBNC0009	RC	8542801	477518	505	150	-60	134
GBNC0010	RC	8542854	477431	502	150	-60	150
GBNC0011	RC	8542902	477346	498	118	-60	150
GBNC0012	RC	8542957	477259	497	90	-60	150
GBNC0013	RC	8543077	477447	499	150	-60	126
GBNC0014	RC	8543125	477358	495	150	-60	126
GBNC0015	RC	8543183	477274	492	150	-60	126
GBNC0016	RC	8543413	477290	489	150	-60	126
GBNC0017	RC	8543001	477980	535	125	-60	126
GBNC0018	RC	8542499	477625	518	90	-60	126
GBNC0019	RC	8542361	477490	518	100	-60	126
GBND0001	DD	8543201	477632	501	371.65	-60	126
GBND0002	DD	8542753	477608	529	184.81	-60	126
GBND0003	DD	8542680	477536	515	155.6	-60	126
GBND0004	DD	8542631	477620	520	161.65	-60	126
GBND0005	DD	8543003	477170	494	428.55	-60	126
TMBD0005	DD	8543043	477889	529	176.54	-55	129.9
TMBD0006	DD	8543166	477787	515	185.62	-55	127.9

Appendix 2

Balama North Project (Licence 5966 & 5365) Operated under Agreement between Triton Minerals and Grafex Lda. Information pertaining to drill data.

JORC Table 1 - Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard 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.*	The Nicanda Hill prospect is located on the Balama North Project. The new drill results included in this report were obtained from Reverse Circulation (RC) and Diamond drilling. The nominal hole spacing of the current program is 100m x 400m. Diamond drill holes will be interspersed within the planned drill grid to provide qualitative information on structure and physical properties of the mineralization. Holes were drilled -60 degrees towards UTM south east to optimally intersect the mineralised zones.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	Drillhole locations were picked up by differential GPS (with nominal error of +- 0.5 metres) and reported using the World Geodetic System (1984 Spheroid and Datum; Zone 37 South). Downhole surveys of the RC and Diamond holes were measured using a Reflex single shot downhole survey tool. The collar surveys were validated with the use of a compass and inclinometer. RC samples have been collected using a riffle splitter to obtain a 1/8th sample, which is split and combined to produce 2m composite samples. Efforts are taken to keep the RC drill sample material dry during drilling to avoid any bias. Wet samples are dried before riffle splitting and recorded to monitored results for bias.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information	Reverse circulation drilling was used to obtain 1m samples collected in a large bag and passed through a 3-tier riffle splitter to generate 1/8th samples (approximately 3kg) contained in a labelled calico bag and the residual 7/8th is retained at the drill site in the large bag. Where wet samples are encountered, the 3kg sample is allowed to dry before passing through the second stage (50:50) riffle splitter described below. The 3kg RC samples are split using a 50:50 splitter with one half combined with the half split of the next consecutive 1m sample to produce a 2m composite sample. This sample will be pulverised (total prep) by the lab to produce a sub sample for assaying. In addition, select RC samples will be submitted for multi-element analysis (55 elements) by sodium peroxide fusion with an ICP-AES finish. The diamond drill core samples are prepared as quarter core using diamond impregnated blade core saw. Samples generally are defined on the basis of geological contacts and range in drill hole intersections of 1.5 to 3m, with most approximately 2m.
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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).*	The reverse circulation drill rig uses a 5.5 inch size hammer. Hole depths range up to a maximum depth of 222m (rig capability limit). The diamond drill holes are drilled with a PQ core size collar (typically around 30m deep) and HQ3 (61.1mm diameter) core size to the end of hole. Core is oriented using the Reflex ACTII tool.

Criteria	JORC Code explanation	Commentary
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed*	The condition and a qualitative estimate of RC sample recovery was determined through visual inspection of the 1m sample bags and recorded at the time of sampling. A hard copy and digital copy of the sampling log is maintained for data verification. Generally drill core recovery is above 95% below the base of oxidation. Core recovery is measured and compared directly with drill depths to determine sample recoveries.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking. Depths are checked against the depth given on the core blocks and rod counts are routinely carried out by the drillers. RC samples were visually checked for recovery, moisture and contamination. Water entrainment into the sample is minimized through the use of additional high pressure air supply down hole. Wet samples are recorded as these generally have lower sample recovery.
	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.	Comparisons of RC and Diamond drill sample material on the neighbouring Cobra Plains deposit showed no statistically significant bias associated with the RC drill technique. Extensive diamond drilling will be carried out as part of this program to confirm the QAQC paramters of the sample material. Similar statitistical assessments of the sample result bias will be undertaken for the current drill program.
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.*	Geological logging is carried out on holes for the full mineral assemblage that can be identified in hand specimen, in addition to texture, structure and estimates of graphite flake content and size. Geotechnical logging is carried out on all diamond drillholes for recovery, RQD and number of defects (per interval). Information on structure type, dip, dip direction, alpha angle, beta angle, texture, shape, roughness and fill material is stored in the structure table of the database. The mineralogy, textures and structures are recorded by the geologist into a digital data file at the drill site, which are regularly submitted to the Perth office for compilation and validation.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging of RC and Diamond drill holes includes recording lithology, mineralogy, mineralisation, weathering, colour and other features of the samples. RC Chip trays and diamond core trays are photographed. Geological descriptions of the mineral volume abundances and assemblages are semi-quantitative.
	The total length and percentage of the relevant intersections logged	All drillholes are logged in full.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	Diamond core (HQ3) will be cut into quarter core onsite using a diamond impregnated blade on a brick saw. Quarter core samples generally 2 metres or less in core length will be submitted to the lab labelled with a single sample name. Each approximately 2m sample will be crushed and a 300g split will be taken. For pulverisation. Samples are generally defined according to geological unit boundaries. A batch of duplicate samples to sampled quartered core will be submitted to the same lab to investigate if any statistical bias is associated with the quarter compared to half core. The results of this study will be used to determine the appropriate sample methodology for future drill holes.

Criteria	JORC Code explanation	Commentary
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	RC samples are collected on the rig using two riffle splitters. The majority of samples are dry. Two metre composite samples are generated by taking the 1m samples from the drill cyclone into a large bag and passing this material through a 3-tier riffle splitter to generate 1/8th samples (approximately 3kg) contained in a labelled calico bag and the residual 7/8th is retained at the drill site in the large bag. The 3kg RC samples will be split using a 50:50 splitter to and one half is to be combined with the half split of the consecutive 1m sample, producing a 2m composite sample. were generated for drilled intersections with visible graphite (>0.5% graphite). Where wet samples are encountered, the 3kg sample produced from the 1/8th splitter is left to dry before passing through the 50:50 splitter. The typical composite sample size is 3 to 4kg.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The sample preparation of the diamond core samples follows industry best practice in sample preparation involving oven drying (105^{o}C), coarse crushing of the diamond core sample down to ~2 mm, split (500g) and pulverizing to a grind size of 85% passing 75 micron. The sample preparation for RC samples is identical, without the coarse crush stage.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Field QC procedures involve the use of two certified reference material assay standards, along with certified blanks, and insertion of field duplicates. Certified standards are inserted at a rate of 1 in 25 (DD, RC and rock chip samples), duplicates were inserted at a rate of 1 in 20 and blanks are inserted at a rate of 1 in 50. QAQC samples are submitted with the rock chip 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.	Field duplicates are taken on 2m composites for RC, using a riffle splitter. Field duplicates are taken as quarter core splits for diamond core.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The drill sample sizes are considered to be appropriate to correctly represent mineralisation at the Balama North project based on the style of mineralisation, the thickness and consistency of the intersections, the sampling methodology and percent value assay ranges for the primary elements.
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.*	The analytical techniques to be used to analyse all samples for Graphitic Carbon, Total Sulphur, and Total Carbon on a Leco Combustion Infrared Detection instrument. Detection limits for these analyses are considered appropriate for the reported assay grades. In addition, selected drill samples will be analysed for multi-element abundances using a fused disc digested in a four acid digest with ICP/OES or ICP/MS finish The acids used are hydrofluoric, nitric, perchloric and hydrochloric acids, suitable for silica based samples. The method approaches total dissolution of most minerals.
	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.	No geophysical tools were used to determine any element concentrations.

Criteria	JORC Code explanation	Commentary
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	The RC and diamond core samples are submitted to the lab with blind certified standards (4 per 100 samples), blanks (2 per 100 samples) and field duplicates (5 per 100 samples). These QAQC samples represent 11% of the unknown samples analysed. Twinned RC and diamond holes provided a means of evaluating any bias associated with sampling and drill technique. From the Cobra Plains drilling, field duplicate datasets showed strong correlation coefficients (0.92 for the diamond samples and 0.98 for RC samples), indicating good repeatability of grades between paired samples. Sample preparation checks for fineness will be carried out by the laboratory as part of their internal procedures to ensure the grind size of 85% passing 75 micron was being attained. Laboratory QAQC involves the use of internal lab standards using certified reference material, blanks, and repeats as part of their in house procedures. Repeat analysis for samples reveals that precision of samples is within acceptable limits. A selection of the 1/8th riffle split samples will be submitted for umpire assays to SGS and an independent laboratory as independent checks of the assay results. Umpire laboratory campaigns using other laboratories is yet to be undertaken.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Carl Young of Model Earth Geological Global Services, a consultant for Triton, has visually verified the geological observations of most of the reported RC and Diamond drill holes. The geological of all drill chips and core is undertaken by by trained geological staff on site.
	The use of twinned holes.	Three RC holes were twinned with diamond holes at the neighbouring Cobra Plains deposit to investigate sample bias related to the RC drill and sampling methods. The mineralisation zones within the holes show a reasonable correlation. Though the grade graphs suggest that the diamond holes are reporting higher graphitic carbon grades than the RC holes.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Sample information is recorded at the time of sampling in electronic and hard copy form. Assay data is received from SGS in electronic form and compiled into the Company's digital database. Secured electronic print files have been provided to the Company for verification purposes.
	Discuss any adjustment to assay data.	No adjustments or calibrations are made to any assay data.
Location of data points	*Accuracy and quality of surveys used to locate drillholes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	Collar locations for all GNBC and GBND holes were surveyed with a differential GPS. The drillholes with the prefix TMB (drilled in 2013) were surveyed by hand-held GPS (nominal error of 5 metres). Drill holes were oriented at the collar using sighting pegs installed with the use of a magnetic compass and GPS. The dip of all RC holes is recorded for the collar only and no downhole surveys were taken. The dip and azimuth of all DD holes is measured by the drll company using a Reflex singleshot downhole survey tool. Readings were taken at the completion of the hole at an interval spacing of 30 m on the diamond holes, and at the collar and end of hole on the RC holes. Stated accuracy of the tool is is $+-1^0$. Downhole survey measurements considered to be poor quality are coded as 'Priority 2' and are e excluded from the drill location calcuations.
	Specification of the grid system used.	The grid system for Balama North Project area is World Geodetic System (1984 Spheroid and Datum; Zone 37 South).

Criteria	JORC Code explanation	Commentary
	Quality and adequacy of topographic control.	Topographic surface for drill section is based on the differential GPS coordinates for the drill holes.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	The nominal drillhole spacing is 100 m on drill lines spaced 400m apart. The drill lines have a bearing of 120^0 (UTM grid northeast).
	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.	The current data spacing and distribution is insufficient for the purpose of estimating a mineral resources for Nicanda Hill prospect. On completion of the current drill program and the receipt of all necessary data, the Company will undertake an estimation of the resource for the Nicanda Hill prospect.
	Whether sample compositing has been applied.	Samples have been composited to a maximum of two metres for RC samples. Most diamond core samples are taken as approximately 2m lengths of quarter core, with few samples of upto 3m in length of core for zones of low graphite. Diamond core sample breaks corresponding to geological boundaries.
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.*	The deposit is drilled towards the south east (magnetic grid) at approximately -60^0 to intersect the mineralised zones approximately orthogonal to the interpreted dip and strike of the geological units. Several characteristic geological units have been delineated in several drill holes giving a higher degree of confidence in the attitude and orientation of the graphite mineralisation. Near continuous sampling of all geological units bearing graphite is routinely undertaken.
	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.	Local increased graphite abundances are observed proximal to small-scale folding and thin tonalite veins. The orientation of these folds and veins is generally parallel to the attitude of the graphitic schist and mineralisation. Thus, the current drilling is not expected to produce any biased samples.
Sample security	*The measures taken to ensure sample security.*	Chain of custody is managed by Triton. Samples are stored at a secure yard on the project prior to shipping to SGS in South Africa. Any visible signs of tampering of the samples are reported by the lab. A chain of custody has been maintained for the shipment of the samples to South Africa.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	A QAQC review of the sampling data from the drill holes at Cobra Plains was carried out by Optiro as part of the resource estimate for the Cobra Plains deposit. This deposit is located to the southeast of Nicanda Hill. The Cobra Plains database was considered by Optiro to be of sufficient quality to carry out that resource estimation. No reviews or audits of sampling techniques were undertaken by Optiro or any other external consultant. The QAQC samples inserted with the reported RC chip samples returned values within the expected value ranges. On this basis, the reported drill assay results are considered representative and suitable for assessing the graphite grades of the intersected graphite mineralisation.

JORC Table 1 - Section 2 Reporting Of Exploration Results

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 Cobra Plains Deposit and the Nicanda Hill Prospect are located wholly within Exploration Licences EL5365 and EL5966 respectively within the Cabo Delgado Province of Mozambique. Both licences are held by Grafex Limitada (Grafex), a Mozambican registered company. Triton Minerals entered into a Joint Venture (JV) agreement in December 2012 with Grafex to earn up to an 80% interest in Grafex's portfolio of graphite projects. In late 2013 Triton increased their holding in the projects to 60% by taking a direct equity interest in Grafex. EL5365 is valid until 29/10/2017 and EL5966 is valid until 19/06/2018.
	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.	All statutory approvals have been acquired to conduct exploration and Triton Minerals has established a good working relationship with local stakeholders
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	No previous systematic exploration has been undertaken at the Cobra Plains or the Nicanda Hill Prospects of the Balama North Project. **T**he Company has acquired the data from an airborne electromagnetic survey that covers Licences 5966 and 5365. This data has been reprocessed and interpreted with some results included in this release. Small scale exploratory pits dug for ruby and/or graphite exploration have been identified. Data or reports disclosing the results of this work have not been located.
Geology	Deposit type, geological setting and style of mineralisation.	The Cobra Plains graphite deposit is hosted within Neoproterozoic rocks of the Xixano Complex in north-eastern Mozambique. The Xixano complex is composed dominantly of mafic to intermediate orthogneiss with intercalations of paragneiss, meta-arkose, quartzite, tremolite-rich marble and graphitic schist. Graphite mineralisation is hosted within fine grained graphitic schists underlain and overlain by felsic gneiss rock types. Mineralisation occurs as series of multiple stacked tabular northeast-southwest striking lodes moderately dipping to the northwest. Graphite mineralisation outcrops at surfaces and has been intersection at down hole depths of up to 428.55m below surface. Graphitic mineralisation is interpreted to be continuous between the Cobra Plains and the Nicanda Hill Prospects of the Balama North Deposit, based on the interpretation of the airborne electromagnetic survey data and drill results. Occurrences of vanadium mineralisation noted in the samples is thought to be associated with quartz muscovite ± roscoelite schists.
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.	Refer to Appendix 2 – Table 1.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	No top cut applied Minimum composite width = 2m Maximum internal dilution = 2m Weighted average grades calculated using the Surpac High Grade reporting function using the above parameters
	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.	The significant weighted average graphite carbon (GrC) intersections reported were calculated as core-length weighted assay intercepts. The intersection calculations were made applying a maximum internal dilution of 2m for material below the GrC cutoff grade and a minimum composite width of 2m. Two sets of significant intercepts are reported at cutoff grades of 5% and 10% GrC.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used for reporting exploration results.
Relationship between mineralisation 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 (e.g. 'down hole length, true width not known').	The graphite schists and tonalite gneiss units dip moderately northwest based on outcrop exposures and measured structure in the oriented diamond drill holes. All GNBC drill holes are inclined -60^0 to the southeast to intersect the mineralised zones approximately orthogonal to the interpreted dip and strike of the geological boundaries. The reported intersections are considered to be near to true intercept widths.
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.	Refer to Figure 3 and 6 in the body of the text.
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 practiced to avoid misleading reporting of Exploration Results.	Assays for all drill holes except GBNC0003 and the upper part of GBNC005 are outstanding.
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.	Selected core samples from all diamond drill holes are measured for bulk densities. This, and additional data from future drill holes will be used to estimate average densities for rock types. Multi element assaying was conducted on selected zones in the diamond drill holes TMBD0005 and TMBD006. Geotechnical logging is routinely carried out on all diamond drillholes for recovery, RQD and number of defects (per interval). Information on structure type, dip, dip direction, alpha angle, beta angle, texture, shape, roughness and fill material is stored in the structure table of the database. Regional scale mapping has been carried out in the area to identify outcrop of graphitic material. This mapping is ongoing.
Further work	The nature and scale of planned further work (e.g. 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	Further drill testing using reverse circulation and diamond drilling is underway on the Nicanda Hill prospect to determine the grade continuity and width of the graphitic units. Exploration activities resumed in April 2014.

Appendix 3

Table 2 – Geology of drill holes presented.

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0001	8542824	477882	522	72	-59.7	144.8	0	1	no record		
							1	5	Surficial sediments		30
							5	16	Graphite roscoellite schist	Vein quartz	5
							16	17	Muscovite tonalitic gneiss	Graphite roscoellite schist	10
							17	26	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							26	29	Muscovite biotite tonalitic gneiss		
							29	36	Graphite roscoellite schist		
							36	38	Graphite biotite schist	Tonalitic gneiss	10
							38	57	Graphite roscoellite schist		
							57	60	Graphite biotite schist		
							60	67	Graphite biotite schist	Muscovite biotite tonalitic gneiss	15
							67	72	Muscovite biotite tonalitic gneiss		
GBNC0002	8542701	477694	513	114	-60	114	0	9	Muscovite tonalitic gneiss		
							9	10	Muscovite tonalitic gneiss	Graphite felsic schist	40
							10	12	Graphite felsic schist		
							12	17	Graphite felsic schist	Muscovite tonalitic gneiss	25
							17	19	Graphite felsic schist		
							19	21	Graphite biotite schist		
							21	31	Graphite felsic schist	Quartzose schist (QZ >75%)	10
							31	34	Quartzose schist (QZ >75%)		
							34	36	Graphite felsic schist		
							36	37	Muscovite tonalitic gneiss		
							37	40	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							40	46	Graphite biotite schist		
							46	48	Muscovite tonalitic gneiss		
							48	63	Graphite roscoellite schist		
							63	64	Muscovite tonalitic gneiss		
							64	73	Graphite roscoellite schist		
							73	75	Graphite roscoellite schist	Muscovite biotite tonalitic gneiss	50
							75	84	Graphite roscoellite schist		
							84	86	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							86	93	Graphite roscoellite schist		
							93	94	Muscovite tonalitic gneiss		
							94	101	Graphite biotite schist		
							101	102	Muscovite tonalitic gneiss		
							102	108	Graphite roscoellite schist		
							108	110	Graphite biotite schist	Muscovite tonalitic gneiss	30
							110	113	Graphite biotite schist	Muscovite biotite tonalitic gneiss	20
							113	114	Muscovite biotite tonalitic gneiss		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0003	8542973	477628	506	153	-59.5	142.5	0	1	no record		
							1	3	Surficial sediments		
							3	11	Graphite roscoellite schist		
							11	12	Muscovite tonalitic gneiss	Graphite felsic schist	
							12	17	Graphite felsic schist		
							17	25	Graphite roscoellite schist		
							25	28	Graphite biotite schist		10
							28	30	Graphite roscoellite schist		
							30	36	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							36	37	Muscovite tonalitic gneiss		
							37	53	Graphite roscoellite schist		
							53	55	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							55	60	Graphite roscoellite schist		
							60	63	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							63	64	Muscovite tonalitic gneiss		
							64	66	Graphite roscoellite schist	Muscovite tonalitic migmatite	20
							66	67	Muscovite tonalitic migmatite		
							67	84	Graphite roscoellite schist		
							84	86	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							86	93	Graphite felsic schist		
							93	95	Graphite felsic schist	Muscovite tonalitic gneiss	5
							95	100	Graphite felsic schist		
							100	105	Muscovite tonalitic gneiss	Graphite felsic schist	
							105	110	Graphite roscoellite schist		
							110	111	Graphite felsic schist	Muscovite tonalitic gneiss	
							111	117	Graphite felsic schist		
							117	118	Graphite felsic schist	Muscovite tonalitic gneiss	20
							118	126	Graphite felsic schist		
							126	128	Graphite biotite schist	Muscovite biotite tonalitic gneiss	35
							128	129	Muscovite biotite tonalitic gneiss		
							129	131	Muscovite biotite tonalitic gneiss	Graphite biotite schist	10
							131	135	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							135	140	Graphite roscoellite schist		
							140	141	Graphite biotite schist	Muscovite biotite tonalitic gneiss	30
							141	149	Graphite roscoellite schist		
							149	150	Muscovite biotite tonalitic gneiss	Graphite roscoellite schist	50
							150	151	Muscovite biotite tonalitic gneiss		
							151	152	Muscovite biotite tonalitic gneiss	Graphite felsic schist	10
							152	153	Muscovite biotite tonalitic gneiss		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0004	8543151	477719	505	124	-61.1	142.9	0	3	no record		
							3	4	Surficial sediments		
							4	10	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							10	16	Graphite felsic schist		
							16	47	Graphite roscoellite schist		
							47	50	Graphite biotite schist		
							50	54	Graphite roscoellite schist	Graphite biotite schist	30
							54	61	Graphite roscoellite schist		
							61	63	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							63	72	Graphite roscoellite schist		
							72	83	Graphite felsic schist		
							83	85	Graphite felsic schist	Muscovite tonalitic gneiss	
							85	86	Graphite roscoellite schist		
							86	88	Graphite felsic schist	Muscovite tonalitic gneiss	40
							88	90	Graphite felsic schist		
							90	98	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							98	108	Graphite roscoellite schist		
							108	110	Muscovite tonalitic gneiss		
							110	113	Muscovite tonalitic gneiss	Graphite felsic schist	40
							113	117	Graphite felsic schist	Muscovite tonalitic gneiss	45
							117	124	Muscovite biotite tonalitic gneiss		
GBNC0005	8543251	477548	496	222	-60.3	145.1	0	3	Surficial sediments		
							3	15	Graphite roscoellite schist	Surficial sediments	15
							15	28	Graphite roscoellite schist		
							28	30	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							30	31	Muscovite tonalitic gneiss	Graphite roscoellite schist	20
							31	32	Muscovite biotite tonalitic gneiss		
							32	33	Muscovite tonalitic gneiss	Graphite felsic schist	20
							33	37	Graphite roscoellite schist		
							37	39	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							39	44	Graphite roscoellite schist		
							44	45	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							45	53	Muscovite tonalitic gneiss		
							53	54	Muscovite tonalitic gneiss	Graphite roscoellite schist	30
							54	60	Graphite roscoellite schist		
							60	64	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							64	68	Graphite roscoellite schist		
							68	70	Graphite roscoellite schist	Muscovite tonalitic gneiss	20

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0005 continued	8543251	477548	496	222	-60.3	145.1	70	91	Graphite roscoellite schist		
							91	92	Graphite roscoellite schist	Muscovite tonalitic gneiss	40
							92	97	Muscovite tonalitic gneiss		
							97	100	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							100	104	Graphite roscoellite schist		
							104	106	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							106	107	Muscovite tonalitic gneiss	Graphite roscoellite schist	10
							107	114	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							114	117	Graphite felsic schist		
							117	125	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							125	126	Graphite roscoellite schist		
							126	128	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							128	131	Graphite roscoellite schist		
							131	132	Graphite roscoellite schist	Muscovite tonalitic gneiss	40
							132	134	Muscovite tonalitic gneiss		
							134	135	Muscovite tonalitic gneiss	Graphite roscoellite schist	
							135	137	Muscovite tonalitic gneiss		
							137	138	Muscovite tonalitic gneiss	Graphite roscoellite schist	40
							138	148	Graphite roscoellite schist		
							148	150	Graphite roscoellite schist	Muscovite tonalitic gneiss	45
							150	153	Graphite roscoellite schist		
							153	155	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							155	156	Graphite roscoellite schist		
							156	158	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							158	159	Graphite roscoellite schist		
							159	160	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							160	164	Graphite roscoellite schist		
							164	168	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							168	173	Graphite roscoellite schist		
							173	177	Graphite roscoellite schist		
							177	178	Graphite biotite schist	Muscovite tonalitic gneiss	10
							178	183	Graphite roscoellite schist		
							183	184	Graphite roscoellite schist	Muscovite tonalitic gneiss	50
							184	186	Graphite roscoellite schist		
							186	192	Graphite roscoellite schist		
							192	199	Graphite roscoellite schist		
							199	201	Muscovite tonalitic gneiss	Graphite roscoellite schist	5
							201	210	Graphite roscoellite schist		
							210	212	Graphite roscoellite schist	Muscovite tonalitic gneiss	20

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0005 continued	8543251	477548	496	222	-60.3	145.1	212	215	Graphite roscoellite schist	Muscovite tonalitic gneiss	5
							215	220	Graphite roscoellite schist		
							220	221	Muscovite tonalitic gneiss	Graphite roscoellite schist	40
							221	222	Muscovite tonalitic gneiss		
GBNC0006	8543298	477460	493	150	-61	149.7	0	5	Surficial sediments	Graphite felsic schist	15
							5	7	Graphite roscoellite schist	Surficial sediments	45
							7	20	Quartzite (>90% QZ)	Graphite roscoellite schist	10
							20	24	Tonalitic gneiss	Graphite felsic schist	20
							24	27	Tonalitic gneiss		
							27	31	Tonalitic gneiss	Graphite roscoellite schist	25
							31	38	Graphite roscoellite schist	Tonalitic gneiss	40
							38	51	Graphite roscoellite schist		
							51	57	Graphite roscoellite schist	Muscovite tonalitic gneiss	5
							57	94	Graphite roscoellite schist		
							94	101	Graphite roscoellite schist	Muscovite tonalitic gneiss	5
							101	102	Muscovite tonalitic gneiss		
							102	108	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							108	117	Muscovite tonalitic gneiss		
							117	119	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							119	130	Graphite roscoellite schist		
							130	139	Graphite roscoellite schist	Muscovite tonalitic gneiss	5
							139	148	Graphite roscoellite schist		
							148	150	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
GBNC0007	8543354	477367	491	108	-60	150	0	6	Overburden-gravel	Quartzose graphite schist	15
							6	8	Graphite roscoellite schist		
							10	31	Graphite muscovite biotite tonalitic gnei	Muscovite biotite tonalitic gneiss	15
							31	34	Quartzite (>90% QZ)		
							34	36	Tonalitic gneiss		
							36	71	Graphite roscoellite schist	Graphite plagioclase schist	20
							71	74	Tonalitic gneiss		
							74	108	Graphite biotite schist	Graphite roscoellite schist	
GBNC0008	8542657	477784	517	84	-60	150	0	3	Surficial sediments	Graphite felsic schist	40
							3	6	Graphite plagioclase schist	Muscovite tonalitic gneiss	5
							6	7	Muscovite tonalitic gneiss		
							7	10	Graphite roscoellite schist		
							10	11	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							11	12	Muscovite tonalitic gneiss		
							12	13	Graphite roscoellite schist	Graphite roscoellite schist	20
							13	19	Graphite felsic schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0008 continued	8542657	477784	517	84	-60	150	19	37	Graphite felsic schist	Muscovite tonalitic migmatite	30
							37	43	Muscovite tonalitic migmatite	Graphite biotite schist	35
							43	51	biotite schist (+graphite)	Biotite tonalitic gneiss	10
							51	60	Muscovite biotite tonalitic gneiss	biotite schist (+graphite)	20
							60	80	biotite schist (+graphite)	Muscovite biotite tonalitic gneiss	10
							80	84	biotite schist (+graphite)		
GBNC0009	8542801	477518	505	150	-60	134	0	4	Surficial sediments		
							4	9	Graphite roscoellite schist		
							9	11	Vein quartz	Graphite roscoellite schist	40
							11	14	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							14	20	Graphite roscoellite schist		
							20	21	Muscovite tonalitic gneiss		
							21	25	Graphite roscoellite schist	Muscovite tonalitic gneiss	25
							25	29	Muscovite tonalitic gneiss	Graphite roscoellite schist	20
							29	32	Graphite roscoellite schist		
							32	40	Graphite roscoellite schist	Muscovite tonalitic gneiss	25
							40	49	Graphite roscoellite schist		
							49	52	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							52	53	Muscovite tonalitic gneiss		
							53	58	Graphite biotite schist	Muscovite tonalitic gneiss	10
							58	62	Muscovite tonalitic gneiss		
							62	75	Graphite roscoellite schist		
							75	77	Quartzose graphite schist (<90%QZ>75%)	Graphite roscoellite schist	40
							77	84	Graphite roscoellite schist	Graphite biotite schist	10
							84	86	Tonalitic gneiss		
							86	90	Graphite roscoellite schist	Muscovite tonalitic gneiss	25
							90	91	Tonalitic gneiss		
							91	102	Graphite quartz calcite schist		
							102	103	Tonalitic gneiss		
							103	109	Graphite quartz calcite schist	Tonalitic gneiss	50
							109	111	Tonalitic gneiss	Graphite quartz calcite schist	50
							111	114	Tonalitic gneiss	Graphite quartz calcite schist	20
							114	117	Graphite quartz calcite schist		
							117	119	Tonalitic gneiss	Graphite quartz calcite schist	10
							119	126	Graphite quartz calcite schist		
							126	128	Quartzose graphite schist (QZ>75%)		
							128	140	Graphite roscoellite schist		
							140	150	Graphite biotite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0010	8542854	477431	502	150	-60	150	0	14	Surficial sediments	Graphite felsic schist	10
							14	16	Graphite roscoellite schist		
							16	19	Tonalitic gneiss		
							19	24	Graphite roscoellite schist		
							24	28.5	Muscovite tonalitic gneiss		
							28.5	38	Graphite roscoellite schist	Tonalitic gneiss	50
							38	41	Graphite roscoellite schist		
							41	43	Graphite roscoellite schist	Tonalitic gneiss	40
							43	48	Graphite roscoellite schist		
							48	49	Graphite biotite schist		
							49	70	Graphite roscoellite schist		
GBNC0011	8542902	477346	498	118	-60	150	0	6	Surficial sediments	biotite schist (+graphite)	40
							6	8	Surficial sediments		
							8	10	Surficial sediments		
							10	13	Graphite felsic schist		
							13	16	Muscovite tonalitic gneiss		
							16	27	Graphite roscoellite schist		
							27	30	Graphite muscovite tonalitic gneiss	Graphite felsic schist	50
							30	43	Graphite roscoellite schist		
							43	45	Muscovite tonalitic gneiss		
							45	75	Graphite roscoellite schist		
							75	78	Graphite biotite schist		
							78	83	Graphite roscoellite schist		
							83	86	Muscovite tonalitic gneiss		
							86	93	Graphite roscoellite schist		
							93	95	Muscovite tonalitic gneiss		
							95	112	Graphite roscoellite schist		
							112	113	Muscovite tonalitic gneiss		
							113	115	Quartzose graphite schist (<90%QZ>75%)		
							115	118	Muscovite tonalitic gneiss		
GBNC0012	8542957	477259	497	90	-60	150	0	7	Surficial sediments		45
							7	9	Surficial sediments		
							9	23	Graphite felsic schist		30
							23	25	Muscovite tonalitic gneiss		
							25	55	Graphite roscoellite schist		
							55	56	Muscovite tonalitic gneiss		
							56	73	Graphite roscoellite schist		
							73	74	Muscovite tonalitic gneiss		
							74	76	Graphite roscoellite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth					% of minor lithology
GBNC0012 continued	8542957	477259	497	90	-60	150	76	78	Muscovite tonalitic gneiss		
							78	85	Graphite roscoellite schist		
							85	86	Muscovite tonalitic gneiss		
							86	90	Graphite biotite schist		
GBNC0013	8543077	477447	499	150	-60	126	0	2	Surficial sediments		40
							2	12	Surficial sediments	Graphite roscoellite schist	20
							12	15	Graphite roscoellite schist		
							15	19	Muscovite tonalitic gneiss		
							19	20	Graphite felsic schist	Muscovite tonalitic gneiss	10
							20	22	Tonalitic Migmatite		
							22	34	Graphite roscoellite schist		
							34	37	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							37	38	Muscovite tonalitic gneiss		
							38	41	Graphite roscoellite schist		
							41	46	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							46	54	Graphite roscoellite schist		
							54	70	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							70	72	Graphite roscoellite schist		
							72	73	Muscovite tonalitic migmatite		
							73	84	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							84	90	Graphite roscoellite schist		
							90	101	Graphite roscoellite schist	Tonalitic Migmatite	10
							101	106	Muscovite tonalitic migmatite		
							106	110	Graphite felsic schist	Tonalitic Migmatite	10
							110	138	Graphite roscoellite schist		
							138	144	Muscovite tonalitic migmatite		
							144	150	Graphite roscoellite schist	Muscovite tonalitic migmatite	10
GBNC0014	8543125	477358	495	150	-60	126	0	4	Surficial sediments		
							4	10	Graphite roscoellite schist		40
							5	10	Surficial sediments	Graphite biotite schist	25
							10	18	Tonalitic Migmatite		
							18	22	Graphite felsic schist		
							22	27	Tonalitic Migmatite	Graphite biotite schist	10
							27	28	Tonalitic gneiss		
							28	30	Graphite felsic schist	Tonalitic gneiss	40
							30	34	Graphite roscoellite schist		
							34	35	Graphite roscoellite schist	Tonalitic gneiss	30
							35	45	Graphite roscoellite schist	Tonalitic Migmatite	15
							45	64	Graphite roscoellite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0014 continued	8543125	477358	495	150	-60	126	64	66	Muscovite tonalitic gneiss	Graphite roscoellite schist	30
							66	70	Graphite roscoellite schist		
							70	71	Muscovite tonalitic gneiss	Graphite roscoellite schist	20
							71	76	Graphite roscoellite schist	Muscovite tonalitic migmatite	10
							76	87	Graphite roscoellite schist		
							87	95	Graphite roscoellite schist	Tonalitic gneiss	10
							95	97	Muscovite tonalitic gneiss		
							97	103	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							103	110	Graphite roscoellite schist		
							110	111	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							111	113	Muscovite tonalitic gneiss	Graphite roscoellite schist	5
							113	114	Graphite roscoellite schist	Muscovite tonalitic gneiss	5
							114	130	Graphite roscoellite schist		
							130	133	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							133	150	Graphite roscoellite schist		
GBNC0015	8543183	477274	492	150	-60	126	0	4	Surficial sediments		
							4	7	Surficial sediments	Graphite felsic schist	30
							7	13	Graphite roscoellite schist		10
							13	18	Quartzite (>90% QZ)	Graphite roscoellite schist	10
							18	22	Graphite roscoellite schist	Quartzite (>90% QZ)	50
							22	24	Graphite roscoellite schist		
							24	25	Quartzite (>90% QZ)	Graphite roscoellite schist	10
							25	26	Graphite roscoellite schist		
							26	30	Tonalitic Migmatite	Graphite felsic schist	15
							30	36	Graphite roscoellite schist		
							36	39	Graphite roscoellite schist	Muscovite tonalitic gneiss	40
							39	53	Graphite roscoellite schist		
							53	54	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							54	65	Muscovite tonalitic gneiss		
							65	74	Graphite roscoellite schist		
							74	81	Graphite roscoellite schist	Muscovite tonalitic migmatite	15
							81	90	Graphite roscoellite schist		
							90	103	Graphite felsic schist	Muscovite tonalitic gneiss	10
							103	109	Graphite roscoellite schist		
							109	112	Graphite roscoellite schist	Graphite roscoellite schist	10
							112	127	Graphite roscoellite schist		
							127	128	Graphite roscoellite schist	Muscovite tonalitic migmatite	30
							128	134	Graphite roscoellite schist		
							134	138	Graphite roscoellite schist	Muscovite tonalitic migmatite	15

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0015 continued	8543183	477274	492	150	-60	126	138	142	Graphite roscoellite schist		
							142	144	Muscovite tonalitic migmatite	Graphite roscoellite schist	15
							144	150	Graphite roscoellite schist		
GBNC0016	8543413	477290	489	150	-60	126	0	7	Surficial sediments	Graphite roscoellite schist	10
							7	16	Graphite roscoellite schist		35
							16	23	Graphite felsic schist		
							23	27	Graphite roscoellite schist		
							27	28	Quartzite (>90% QZ)	Graphite roscoellite schist	10
							28	49	Graphite roscoellite schist		
							49	53	Graphite roscoellite schist	Muscovite tonalitic gneiss	50
							53	70	Graphite roscoellite schist		
							70	73	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							73	76	Graphite quartz calcite schist		
							76	80	Graphite quartz calcite schist	Muscovite tonalitic gneiss	10
							80	88	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							88	92	Graphite roscoellite schist		
							92	96	Graphite roscoellite schist	Muscovite tonalitic gneiss	35
							96	98	Muscovite tonalitic gneiss		
							98	100	Graphite roscoellite schist		
							100	108	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							108	114	Graphite roscoellite schist		
							114	115	Muscovite tonalitic gneiss		
							115	116	Graphite roscoellite schist	Muscovite tonalitic gneiss	45
							116	125	Graphite roscoellite schist		
							125	126	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							126	128	Muscovite tonalitic gneiss		
							128	129	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							129	130	Muscovite tonalitic migmatite		
							130	131	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							131	134	Muscovite tonalitic gneiss		
							134	140	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							140	143	Graphite roscoellite schist		
							143	144	Muscovite tonalitic gneiss	Graphite roscoellite schist	15
							144	146	Graphite roscoellite schist		
							146	147	Graphite roscoellite schist	Muscovite tonalitic gneiss	50
							147	148	Muscovite tonalitic gneiss		
							148	149	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							149	150	Graphite roscoellite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0016 continued	8543413	477290	489	150	-60	126	138	142	Graphite roscoellite schist		
							142	144	Muscovite tonalitic migmatite	Graphite roscoellite schist	15
							144	150	Graphite roscoellite schist		
GBNC0017	8543001	477980	535	125	-60	126	0	6	Graphite roscoellite schist		
							6	7	Muscovite tonalitic gneiss		
							7	10	Graphite roscoellite schist	Tonalitic gneiss	20
							10	19	Graphite roscoellite schist		
							19	20	Tonalitic gneiss	Graphite roscoellite schist	40
							20	36	Graphite roscoellite schist		
							36	53	Graphite roscoellite schist	Tonalitic gneiss	10
							53	63	Graphite roscoellite schist		
							63	66	Tonalitic gneiss	Graphite roscoellite schist	40
							66	73	Graphite roscoellite schist		
							73	76	Graphite roscoellite schist	Tonalitic gneiss	20
							76	78	Graphite biotite schist		
							78	81	Muscovite tonalitic gneiss		
							81	84	Graphite biotite schist	Tonalitic gneiss	10
							84	87	Muscovite tonalitic gneiss	Graphite biotite schist	10
							87	88	Graphite biotite schist		
							88	91	Muscovite tonalitic gneiss	Graphite biotite schist	10
							91	95	Graphite biotite schist	Muscovite tonalitic gneiss	50
							95	97	Biotite-garnet quartz gneiss	Muscovite tonalitic gneiss	30
							97	100	Muscovite tonalitic gneiss		
							100	106	Biotite-garnet quartz gneiss	Muscovite tonalitic gneiss	30
							106	108	Muscovite tonalitic gneiss		
							108	111	Biotite-garnet quartz gneiss	Muscovite tonalitic gneiss	30
							111	125	Muscovite tonalitic gneiss	Biotite-garnet quartz gneiss	10

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0018	8542499	477625	518	150	-60	126	0	1	Surficial sediments		
							1	5	Graphite roscoellite schist		30
							5	16	Graphite roscoellite schist		
							16	17	Muscovite tonalitic gneiss	Graphite roscoellite schist	20
							17	21	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							21	22	Muscovite biotite tonalitic gneiss	Graphite roscoellite schist	10
							22	25	Graphite roscoellite schist		
							25	26	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							26	30	Graphite roscoellite schist		
							30	31	Muscovite tonalitic gneiss		
							31	32	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							32	38	Graphite roscoellite schist		
							38	42	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							42	45	Graphite roscoellite schist		
							45	48	Graphite roscoellite schist	Muscovite tonalitic gneiss	35
							48	50	Muscovite tonalitic gneiss		
							51	52	Graphite roscoellite schist	Muscovite tonalitic gneiss	30
							52	55	biotite schist (+graphite)		
							55	90	logging pending		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBNC0019	8542361	477490	518	100	-60	126	0	4	Surficial sediments		
							4	5	Graphite roscoellite schist	Surficial sediments	10
							5	6	Surficial sediments		
							6	11	Graphite roscoellite schist		40
							11	13	Muscovite tonalitic gneiss	Graphite roscoellite schist	30
							13	21	Graphite roscoellite schist		
							21	23	Graphite roscoellite schist		
							23	35	Graphite roscoellite schist		
							35	37	Graphite roscoellite schist	Tonalitic gneiss	35
							37	46	Graphite roscoellite schist		
							46	50	Graphite roscoellite schist	Tonalitic gneiss	15
							50	54	Quartzite (>90% QZ)	Tonalitic gneiss	
							54	55	Muscovite tonalitic gneiss		
							55	58	biotite schist	Muscovite tonalitic gneiss	35
							58	61	Biotite tonalitic gneiss		
							61	70	biotite schist (+graphite)	Tonalitic gneiss	20
							70	71	Tonalitic gneiss		
							71	72	biotite schist (+graphite)	biotite schist (+graphite)	15
							72	73	Muscovite tonalitic gneiss	biotite schist (+graphite)	20
							73	76	biotite schist (+graphite)	Biotite tonalitic gneiss	15
							76	77	Biotite tonalitic gneiss	biotite schist (+graphite)	20
							77	80	biotite schist (+graphite)	Tonalitic gneiss	20
							80	82	Tonalitic gneiss	biotite schist (+graphite)	20
							82	85	biotite schist	Tonalitic gneiss	40
							85	87	biotite schist (+graphite)		
							87	88	Muscovite tonalitic gneiss	biotite schist (+graphite)	10
							88	91	Muscovite tonalitic gneiss		
							91	95	biotite schist	Muscovite tonalitic gneiss	10
							95	97	Muscovite biotite tonalitic gneiss	biotite schist	40
							97	100	biotite schist		
							95	97	Muscovite biotite tonalitic gneiss	biotite schist	40
							97	100	biotite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0001	8543201	477632	501	371.65	-60	126	0	1.28	no record		
							1.28	5	Surficial sediments		
							5	17.24	Graphite roscoellite schist	Graphite felsic schist	10
							17.24	24.12	Graphite roscoellite schist		
							24.12	26.09	Muscovite tonalitic gneiss		
							26.09	29.29	Graphite roscoellite schist		
							29.29	42.89	Muscovite biotite tonalitic gneiss	Muscovite-biotite tonalitic migmatite	15
							42.89	50.48	Graphite roscoellite schist		
									continued next page…		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0001 continued	8543201	477632	501	371.65	-60	126	50.48	55.43	Muscovite tonalitic gneiss		
							55.43	59.75	Graphite roscoellite schist		
							59.75	60.33	Muscovite tonalitic gneiss		
							60.33	64.03	Graphite roscoellite schist	Tonalitic gneiss	10
							64.03	64.44	Muscovite tonalitic gneiss		
							64.44	91.47	Graphite roscoellite schist		
							91.47	93.38	Muscovite tonalitic gneiss		
							93.38	110.94	Graphite roscoellite schist		
							110.94	111.28	Muscovite tonalitic gneiss		
							111.28	119.07	Graphite roscoellite schist		
							119.07	119.43	Muscovite tonalitic gneiss		
							119.43	122.07	Graphite roscoellite schist		
							122.07	122.92	Muscovite tonalitic gneiss		
							122.92	126.64	Graphite roscoellite schist		
							126.64	136.65	Graphite biotite schist		
							136.65	138.17	Muscovite tonalitic gneiss	Graphite musc biotite tonalitic gneiss	1
							138.17	141.34	Graphite roscoellite schist		
							141.34	142.03	Graphite felsic schist		
							142.03	152.93	Graphite roscoellite schist		
							152.93	155	Muscovite tonalitic gneiss	Graphite roscoellite schist	1
							155	173.65	Graphite roscoellite schist		
							173.65	174.65	Muscovite tonalitic gneiss		
							174.65	177.35	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							177.35	178.04	Muscovite tonalitic gneiss		
							178.04	180.88	Graphite biotite schist	Muscovite tonalitic migmatite	10
							180.88	186.41	Graphite quartz calcite schist	Graphite roscoellite schist	
							186.41	188.55	Muscovite tonalitic gneiss		
							188.55	191.91	Graphite quartz calcite schist	Graphite roscoellite schist	
							191.91	193.65	Muscovite tonalitic gneiss		
							193.65	198.59	Graphite quartz calcite schist	Graphite roscoellite schist	
							198.59	199.81	Muscovite tonalitic gneiss		
							199.81	203.28	Graphite quartz calcite schist		
							203.28	204.62	Muscovite tonalitic gneiss		
							204.62	208.75	Graphite quartz calcite schist		
							208.75	210.9	Muscovite tonalitic gneiss		
							210.9	215.29	Graphite quartz calcite schist		
							215.29	228.51	Graphite biotite schist		
							228.51	228.92	Muscovite tonalitic gneiss		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0001 continued	8543201	477632	501	371.65	-60	126	228.92	239.78	Graphite biotite schist		
							239.78	240.72	Muscovite tonalitic gneiss		
							240.72	254.03	Graphite roscoellite schist		
							254.03	254.44	Muscovite tonalitic gneiss		
							254.44	272.44	Graphite roscoellite schist		
							272.44	272.9	Muscovite tonalitic gneiss		
							272.9	273.91	Graphite roscoellite schist		
							273.91	275.32	Muscovite tonalitic gneiss		
							275.32	284	Graphite roscoellite schist		
							284	287.42	biotite schist (+graphite)		
							287.42	292.53	Graphite roscoellite schist		
							292.53	293.02	Muscovite tonalitic gneiss		
							293.02	304.86	Graphite roscoellite schist		
							304.86	305.54	Muscovite tonalitic gneiss		
							305.54	322.86	Graphite roscoellite schist		
							322.86	323.97	Muscovite tonalitic gneiss		
							323.97	332.58	Graphite roscoellite schist		
							332.58	334.08	Muscovite tonalitic gneiss		
							334.08	338.21	Graphite roscoellite schist		
							338.21	340.73	Graphite biotite schist		
							340.73	342.04	Muscovite tonalitic gneiss		
							342.04	350.55	Graphite biotite schist		
							350.55	351.59	Muscovite tonalitic gneiss		
							351.59	353.64	Graphite biotite schist		
							353.64	362.33	Graphite roscoellite schist		
							362.33	363.92	Muscovite tonalitic gneiss		
							363.92	372.65	Graphite roscoellite schist		
GBND0002	8542753	477608	529	184.81	-60	126	0	1.58	no record		
							1.58	3	Surficial sediments		
							3	8.05	Graphite roscoellite schist		
							8.05	8.7	Muscovite tonalitic gneiss	Muscovite tonalitic migmatite	15
							8.7	9.44	Graphite roscoellite schist		
							9.44	12.3	Muscovite tonalitic gneiss		
							12.3	15.19	Graphite felsic schist		
							15.19	17.61	Muscovite tonalitic gneiss		
							17.61	19.73	Graphite roscoellite schist		
							19.73	23.26	Muscovite tonalitic gneiss		5
							23.26	23.76	Graphite roscoellite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0002 cotinued	8542753	477608	529	184.81	-60	126	23.76	24.45	Tonalitic Migmatite		5
							24.45	24.91	Graphite roscoellite schist		
							24.91	25.49	Tonalitic Migmatite		5
							25.49	26.46	Graphite roscoellite schist		
							26.46	27	Muscovite tonalitic migmatite		
							27	27.69	Graphite roscoellite schist		
							27.69	32.55	Muscovite tonalitic gneiss		
							32.55	42.33	Graphite quartz calcite schist		
							42.33	42.66	Muscovite tonalitic gneiss		
							42.66	43.43	Graphite quartz calcite schist		
							43.43	44.97	Muscovite tonalitic gneiss		
							44.97	47.76	Graphite quartz calcite schist		
							47.76	48.8	Muscovite tonalitic gneiss		
							48.8	51.5	Graphite quartz calcite schist		
							51.5	56.8	Muscovite tonalitic gneiss		
							56.8	59.35	Graphite quartz calcite schist		
							59.35	62.14	Muscovite tonalitic gneiss		
							62.14	64.2	Graphite quartz calcite schist		
							64.2	66.83	Muscovite tonalitic gneiss		
							66.83	69.55	Graphite quartz calcite schist		
							69.55	93.53	Graphite biotite schist		
							82.79	84.47	Muscovite tonalitic gneiss		
							84.47	89.2	Graphite biotite schist		
							93.53	94.05	Muscovite tonalitic gneiss		
							94.05	95.5	Graphite biotite schist		
							95.5	96.51	Muscovite tonalitic gneiss		
							96.51	104.59	Graphite biotite schist		
							104.59	105.09	Muscovite tonalitic gneiss		
							105.09	107.62	Graphite biotite schist		
							107.62	108.17	Muscovite biotite tonalitic gneiss		
							108.17	113.57	Graphite biotite schist		
							113.57	116.36	Graphite roscoellite schist		
							116.36	117.55	Muscovite tonalitic gneiss		
							117.55	131.07	Graphite roscoellite schist		
							131.07	132.67	Muscovite biotite tonalitic gneiss		
							132.67	136.16	Graphite roscoellite schist		
							136.16	137.54	Graphite biotite schist		
							137.54	138.08	Muscovite tonalitic gneiss		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0002 continued	8542753	477608	529	184.81	-60	126	138.08	142.96	Graphite roscoellite schist		
							142.96	143.61	Muscovite tonalitic gneiss		
							143.61	154.59	Graphite roscoellite schist		
							154.59	155.87	Muscovite tonalitic gneiss		
							155.87	157.39	Graphite biotite schist		
							157.39	160.41	Muscovite tonalitic gneiss		
							160.41	165.1	Graphite roscoellite schist		
							165.1	172	Graphite biotite schist		
							172	172.34	Muscovite tonalitic gneiss		
							172.34	173.9	Graphite felsic schist		
							173.9	178.39	Graphite biotite schist		
							178.39	184.61	Biotite schist		
GBND0003	8542680	477536	515	155.6	-60	126	0	5.19	no record		
							5.19	7.05	Muscovite tonalitic gneiss		
							7.05	8.52	Graphite felsic schist		
							8.52	9.86	Muscovite tonalitic gneiss		
							9.86	10.65	Graphite felsic schist		
							10.65	14.06	Muscovite tonalitic gneiss		
							14.06	17.15	Graphite roscoellite schist		
							17.15	19.87	Muscovite tonalitic gneiss		
							19.87	21.59	Graphite roscoellite schist		
							21.59	22.83	Muscovite tonalitic gneiss		
							22.83	25.93	Graphite roscoellite schist		
							25.93	29.38	Muscovite tonalitic gneiss		
							29.38	31.5	Graphite roscoellite schist		
							31.5	32.17	Graphite quartz calcite schist		
							32.17	32.76	Muscovite tonalitic gneiss		
							32.76	35.63	Graphite quartz calcite schist		
							35.63	37.72	Muscovite tonalitic gneiss		
							37.72	38.17	Graphite roscoellite schist		
							38.17	39.26	Muscovite tonalitic gneiss		
							39.26	44.45	Graphite quartz calcite schist		
							44.45	44.99	Muscovite biotite tonalitic gneiss		
							44.99	48.77	Graphite quartz calcite schist		
							48.77	49.59	Muscovite biotite tonalitic gneiss		
							49.59	50.14	Graphite quartz calcite schist		
							50.14	50.56	Muscovite tonalitic gneiss		
							50.56	53.83	Graphite quartz calcite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0003	8542680	477536	515	155.6	-60	126	53.83	55.31	Muscovite tonalitic gneiss		
							55.31	55.53	Graphite quartz calcite schist		
							55.53	58.1	Muscovite tonalitic gneiss		
							58.1	62.36	Graphite quartz calcite schist		
							62.36	62.72	Muscovite tonalitic gneiss		
							62.72	69.59	Graphite quartz calcite schist		
							69.59	70.12	Muscovite tonalitic gneiss		
							70.12	71.02	Graphite quartz calcite schist		
							71.02	71.73	Muscovite tonalitic gneiss		
							71.73	77.31	Graphite quartz calcite schist		
							77.31	77.68	Muscovite tonalitic gneiss		
							77.68	81.63	Graphite biotite schist		
							81.63	83.26	Muscovite tonalitic gneiss		
							83.26	86.78	Graphite biotite schist		
							86.78	98.53	Graphite roscoellite schist		
							98.53	107.18	Graphite biotite schist		
							107.18	108.14	Muscovite tonalitic gneiss		
							108.14	112.84	Graphite biotite schist		
							112.84	113.7	Muscovite tonalitic gneiss		
							113.7	119.38	Graphite roscoellite schist		
							119.38	119.77	Muscovite tonalitic gneiss		
							119.77	137.33	Graphite roscoellite schist		
							137.33	138.67	Biotite tonalitic gneiss		
							138.67	145.78	Graphite roscoellite schist		
							145.78	155.6	Graphite roscoellite schist	Graphite biotite schist	
GBND0004	8542631	477620	520	161.65	-60	126	0	2.2	no record		
							2.2	5.49	biotite schist (+graphite)		
							5.49	6.27	Graphite tonalitic gneiss	Saprolite	
							6.27	15.53	biotite schist (+graphite)		
							15.53	16.58	Graphite tonalitic gneiss		
							16.58	26.1	biotite schist (+graphite)		
							26.1	26.52	Graphite tonalitic gneiss		
							26.52	26.88	biotite schist (+graphite)		
							26.88	27.32	Graphite tonalitic gneiss		
							27.32	28.21	biotite schist (+graphite)		
							28.21	28.73	Felsic schist		
							28.73	30.84	Muscovite tonalitic gneiss		
							30.84	32.87	Felsic schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0004	8542631	477620	520	161.65	-60	126	32.87	35.65	Graphite roscoellite schist		
							35.65	36.04	Muscovite tonalitic gneiss		
							36.04	43.18	Graphite roscoellite schist		
							43.18	43.9	Muscovite tonalitic gneiss		
							43.9	45.74	Graphite felsic schist		
							45.74	47.59	Graphite roscoellite schist		
							47.59	49.9	Muscovite tonalitic gneiss		
							49.9	60.55	Graphite roscoellite schist		
							60.55	63.06	Muscovite tonalitic gneiss		
							63.06	77.98	Graphite roscoellite schist		
							77.98	80.01	Muscovite biotite tonalitic gneiss		
							80.01	84	Graphite roscoellite schist		
							84	84.58	Muscovite tonalitic gneiss		
							84.58	100.78	Graphite roscoellite schist		
							100.78	104.43	Muscovite tonalitic gneiss		
							104.43	109.39	Graphite roscoellite schist		
							109.39	110.28	Muscovite tonalitic gneiss		
							110.28	111.95	Graphite roscoellite schist		
							111.95	112.62	Muscovite tonalitic gneiss		
							112.62	114.41	Graphite biotite schist		
							114.41	116.05	biotite schist		
							116.05	117.39	Muscovite tonalitic gneiss		
							117.39	127.73	biotite schist		
							127.73	137.65	Muscovite tonalitic migmatite	Biotite-garnet quartz gneiss	30
							137.65	143.49	biotite schist	Muscovite tonalitic migmatite	20
							143.49	149.77	Muscovite tonalitic migmatite	Biotite-garnet quartz gneiss	15
							149.77	161.65	Biotite-garnet quartz gneiss		
GBND0005	8543003	477170	494	428.55	-60	126	0	2.2	no record		
							2.2	4.85			
							4.85	8.68	Graphite felsic schist		20
							8.86	20.59	Muscovite tonalitic gneiss		
							21.89	23.54	Graphite felsic schist	Muscovite tonalitic gneiss	20
							23.53	30.86	Muscovite tonalitic gneiss		
							32.14	39.41	Graphite roscoellite schist		
							39.41	40.51	Muscovite tonalitic gneiss		
							40.51	47.5	Graphite roscoellite schist		
							47.5	48.4	Muscovite tonalitic gneiss		
							48.4	56.55	Graphite roscoellite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0005 continued	8543003	477170	494	428.55	-60	126	56.55	56.85	Muscovite tonalitic gneiss		
							56.85	58.30-	Graphite roscoellite schist		
							58.3	58.8	Muscovite biotite tonalitic gneiss		
							58.8	62.55	Graphite roscoellite schist	Muscovite tonalitic migmatite	20
							62.55	66.06	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							66.06	70.1	Muscovite tonalitic gneiss		
							70.1	72.2	Graphite roscoellite schist		
							72.2	75.85	Graphite quartz calcite schist		
							75.85	76.93	biotite schist (+graphite)		
							76.93	80.71	Graphite quartz calcite schist	Muscovite tonalitic gneiss	20
							80.71	94.86	Graphite roscoellite schist	Muscovite tonalitic gneiss	20
							94.86	95.75	Graphite tonalitic gneiss		
							95.75	100	Graphite quartz calcite schist		
							100	108.1	Graphite roscoellite schist	Graphite tonalitic gneiss	
							108.1	108.56	Graphite tonalitic gneiss		
							108.56	110.86	Graphite roscoellite schist	Graphite roscoellite schist	
							110.56	111.3	Tonalitic gneiss		
							111.3	115.43	Graphite roscoellite schist	Graphite tonalitic gneiss	
							115.43	116.56	Graphite tonalitic gneiss		
							116.56	138.94	Graphite roscoellite schist	Graphite tonalitic gneiss	
							138.94	140.05	Muscovite tonalitic gneiss		
							140.05	150.57	Graphite roscoellite schist	Graphite tonalitic gneiss	10
							150.57	151.16	Muscovite tonalitic migmatite		
							151.16	154.86	Graphite roscoellite schist		
							154.86	158.55	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							158.55	161.23	Graphite biotite schist	Muscovite tonalitic gneiss	30
							161.23	163.57	Tonalitic gneiss		
							163.57	165.7	Graphite biotite schist		
							165.7	168.18	Muscovite tonalitic gneiss		
							168.18	173.91	Graphite roscoellite schist	Muscovite tonalitic gneiss	10
							173.91	174.53	Muscovite tonalitic gneiss		
							174.53	176.51	Graphite roscoellite schist	Muscovite tonalitic gneiss	40
							176.51	180.28	Muscovite tonalitic gneiss		
							180.28	183.51	Graphite roscoellite schist	Muscovite tonalitic gneiss	15
							183.51	188.57	Muscovite tonalitic gneiss		
							188.57	189.85	Graphite roscoellite schist		
							189.85	193.16	Muscovite tonalitic gneiss		
							193.16	195.1	Graphite roscoellite schist	Muscovite tonalitic gneiss	20

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0005 continued	8543003	477170	494	428.55	-60	126	195.1	201.15	Graphite roscoellite schist		
							201.15	212.23	Graphite roscoellite schist	Graphite tonalitic gneiss	
							212.23	217.2	Tonalitic gneiss		
							217.2	223.8	Graphite quartz calcite schist	Tonalitic gneiss	
							223.8	225.95	Tonalitic gneiss		
							225.95	230.42	Graphite roscoellite schist	Vein quartz-feldspar	
							230.42	239.36	Tonalitic gneiss		
							239.36	242.12	Graphite roscoellite schist		
							242.12	242.64	Granitic gneiss		
							242.64	250.1	Graphite roscoellite schist		
							250.1	255.32	Graphite roscoellite schist	Granitic gneiss	
							255.32	262.83	Graphite roscoellite schist		
							262.83	264.54	Muscovite tonalitic gneiss	Graphite felsic schist	
							264.54	269.85	Graphite roscoellite schist		
							269.85	270.86	Muscovite tonalitic gneiss		
							270.86	274.1	Graphite roscoellite schist		
							274.1	278.69	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							278.69	281.16	Muscovite tonalitic gneiss		
							281.16	290.44	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							290.44	291.68	Muscovite tonalitic gneiss		
							291.68	296.34	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							296.34	296.86	Muscovite tonalitic gneiss		
							296.86	301.62	Graphite roscoellite schist	Muscovite tonalitic gneiss	
							301.62	305.31	Muscovite-biotite tonalitic migmatite		
							305.31	308	Graphite roscoellite schist		
							308	308.51	Muscovite tonalitic gneiss		
							308.51	313.93	Graphite roscoellite schist		
							313.93	317.6	Muscovite tonalitic migmatite		
							317.6	319.79	Graphite roscoellite schist		
							319.79	321.64	Muscovite tonalitic gneiss		
							321.64	322.34	Graphite roscoellite schist		
							322.34	323.44	Muscovite tonalitic gneiss		
							323.44	327.91	Graphite roscoellite schist		
							327.91	328.59	Muscovite tonalitic gneiss		
							328.59	332.01	Graphite roscoellite schist		
							332.01	334.63	Muscovite tonalitic gneiss	Graphite roscoellite schist	25
							334.63	345.61	Graphite roscoellite schist		
							345.61	345.89	Muscovite tonalitic migmatite		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
GBND0005 continued	8543003	477170	494	428.55	-60	126	345.89	348.02	Graphite roscoellite schist		
							348.02	350.47	Graphite biotite schist	Muscovite tonalitic gneiss	10
							350.47	350.94	Muscovite tonalitic gneiss		
							350.94	353.31	Graphite biotite schist		
							353.31	354.65	Muscovite tonalitic gneiss	Muscovite tonalitic migmatite	10
							354.65	357.16	Graphite biotite schist		
							357.16	359.03	Muscovite tonalitic gneiss	Muscovite tonalitic migmatite	5
							359.03	365.39	Graphite quartz calcite schist		
							365.39	367.97	Graphite biotite schist		
							367.97	383.02	Muscovite tonalitic gneiss	Graphite quartz calcite schist	10
							383.02	399.15	Graphite quartz calcite schist	Muscovite tonalitic gneiss	15
							399.15	401.58	Muscovite tonalitic gneiss	Felsic schist	10
							401.58	417.97	Graphite biotite schist	Muscovite tonalitic gneiss	5
							417.97	419.36	Felsic schist	biotite schist	50
							419.36	422.76	Graphite quartz calcite schist		15
							422.76	428.55	Felsic schist	biotite schist	50
TMBD0005	8543043	477889	552	176.54	-55	129.9	0	2.6	no record		
							2.6	4.19	Graphite felsic schist		
							4.19	5.14	Muscovite tonalitic gneiss		
							5.14	18	Graphite felsic schist		
							18	19.27	Muscovite tonalitic gneiss		
							19.27	21.14	Graphite felsic schist		
							21.14	26.14	Graphite felsic schist		
							26.14	28.47	Graphite biotite schist	Tonalitic gneiss	5
							28.47	33.8	Muscovite tonalitic gneiss		
							33.8	50.94	Graphite roscoellite schist		
							50.94	60.55	Graphite roscoellite schist		
							60.55	61.28	Muscovite tonalitic gneiss		
							61.28	61.98	Graphite roscoellite schist		
							61.98	62.51	Muscovite tonalitic gneiss		
							62.51	63.54	Graphite felsic schist		
							63.54	64.27	Graphite roscoellite schist		
							64.27	64.97	Muscovite tonalitic gneiss		
							64.97	100	Graphite roscoellite schist		
							100	101.62	Biotite tonalitic gneiss		
							101.62	105.62	Graphite felsic schist		
							105.62	112.14	Biotite tonalitic gneiss		
							112.14	115.47	Graphite biotite schist		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
TMBD0005 continued	8543043	477889	552	176.54	-55	129.9	115.47	118.79	Biotite tonalitic gneiss		
							118.79	122.89	Graphite roscoellite schist		
							122.89	123.04	Biotite tonalitic gneiss		
							123.04	126.4	Graphite roscoellite schist		
							126.4	127.04	Biotite tonalitic gneiss		
							127.04	128.67	Graphite roscoellite schist		
							128.67	129.84	Biotite tonalitic gneiss	Biotite tonalitic gneiss	10
							129.84	130.71	Graphite roscoellite schist	Biotite tonalitic gneiss	10
							130.71	131.21	Biotite tonalitic gneiss		
							131.21	134.38	Graphite biotite schist		
							134.38	134.72	Biotite tonalitic gneiss		
							134.72	139.05	Graphite biotite schist		
							139.05	139.8	Biotite tonalitic gneiss		
							139.8	143.08	Graphite biotite schist		
							143.08	156.48	Biotite tonalitic gneiss	Biotite tonalitic gneiss	25
							156.48	160.82	Biotite tonalitic gneiss		
							160.82	162.57	Biotite tonalitic gneiss	Biotite tonalitic gneiss	5
							162.57	168.88	Biotite tonalitic gneiss		
							168.88	176.54	Biotite tonalitic gneiss	Biotite tonalitic gneiss	10
									end		

HOLEID	North	East	RL	Total Depth (m)	Dip	Azimuth	FROM	TO	Major Lithology	Minor Lithology	% of minor lithology
							0	2.25	no record		
							2.25	16.94	Graphite roscoellite schist		
							16.94	18.98	Muscovite tonalitic gneiss	Graphite roscoellite schist	10
							18.98	34.72	Graphite roscoellite schist		
							34.72	36.08	Muscovite tonalitic gneiss	Graphite roscoellite schist	10
							36.08	46.93	Graphite roscoellite schist		
							46.93	47.52	Muscovite tonalitic gneiss		
							47.52	49.73	Graphite roscoellite schist		
							49.73	52.28	Muscovite tonalitic gneiss		
							52.28	56.71	Graphite roscoellite schist		
							56.71	57.88	Biotite tonalitic gneiss		
							57.88	61.35	Graphite roscoellite schist	Biotite tonalitic gneiss	15
							61.35	75.21	Graphite roscoellite schist		
							75.21	88.12	Biotite tonalitic gneiss		
							88.12	90.04	Graphite roscoellite schist		
							90.04	90.47	Biotite tonalitic gneiss		
							90.47	93.72	Graphite roscoellite schist		
							93.72	94.79	Felsic schist		
							94.79	96.31	Graphite biotite schist		
TMBD0006	8543166	477787	515	185.62	-55	127.9	96.31	96.84	Biotite tonalitic gneiss		
							96.84	97.21	Graphite felsic schist		
							97.21	97.3	Biotite tonalitic gneiss		
							97.3	125.62	Graphite felsic schist		
							125.62	128.09	Graphite roscoellite schist		
							128.09	130.27	Muscovite tonalitic gneiss		
							130.27	133.6	Graphite felsic schist		
							133.6	137.24	Graphite roscoellite schist		
							137.24	141.57	Graphite biotite schist		
							141.57	141.94	Muscovite tonalitic gneiss		
							141.94	149.97	Graphite roscoellite schist		
							149.97	150.24	Muscovite tonalitic gneiss		
							150.24	159.32	Graphite roscoellite schist	Biotite tonalitic gneiss	10
							159.32	160	Muscovite tonalitic gneiss		
							160	165.02	Graphite roscoellite schist		
							165.02	165.25	Muscovite tonalitic gneiss		
							165.25	171.82	Graphite biotite schist		
							171.82	172.93	Muscovite tonalitic gneiss		
							172.93	176.31	Graphite roscoellite schist		
							176.31	185.62	Graphite roscoellite schist	Biotite tonalitic gneiss	10