

Quarterly Report to 31 December 2015

ASX Code: **NWF**

Highlights

Sierra Leone Diamond Project

- Trial mining continues within the Golu Mining Licence.
- Dry-season exploration program now underway.
- Planning completed for a follow-up airborne magnetic survey over kimberlite targets identified across all five tenements. Contractor agreement finalised and permission received from NMA to conduct 4000 line-km survey. Logistics preparations are underway.
- Dredging permits awaited for Sewa River exploration program.
- A second processing plant purchased.

Australian Gold Projects

- Air core drilling program completed on the Newfield Extended Gold Project.

Corporate

- Successful capital raising of \$10 million before costs through the issue of 12,500,000 fully paid ordinary shares.
- Appointment of Mike Lynn as Executive Director of Newfield and CEO of Allotropes Diamonds Company Ltd.
- Retirement of Mr Joshua Letcher as Executive Director.
- Appointment of Mr Renato (Spaggs) Spaggiari as Mineral Resources Manager.



Photograph of diamonds recovered from processing of bulk samples from Newfield Resources Ltd's Allotropes Diamond Project in Sierra Leone.

ASX Release: 29 January 2016

ACN 153 219 848

DIRECTORS

Mr Anthony Ho
(Executive Director)

Mr Michael Lynn
(Executive Director)

Mr Suryandy Jahja
(Non-Executive Director)

CAPITAL STRUCTURE

Shares on Issue: 196.58M
Options on Issue: 39M

1. ALLOTROPES DIAMOND PROJECT – SIERRA LEONE (NEWFIELD 100%)

1. Alluvial Exploration Activities

Newfield Resources Limited (“Newfield” or the “Company”) is currently active in all five of its exploration licences covering 1002 km² of tenement holdings within the Bo, Bonthe, Moyamba and Pujehun Districts in the Southern Province of Sierra Leone (Figure 1).

The principle focus in this quarter has been directed towards planning for the dry season exploration activities, the updating of GIS and data management and the completion of artisanal workings survey along with the mapping of *Pandanus Candelabrum* sp. occurrences (Kimberlite Tree), to test its association with kimberlite occurrences.

Physical progress (e.g. collection and transport of samples from field to plant site) has been hampered by heavy seasonal rains during much of the quarter, which have now abated. With the resumption of the exploration program, focus has been on activities within the EL 15/2012 (i.e. over burden stripping and stockpiling of ore in the mining licence) and EL 19/2014 (Hima high-terrace bulk-sampling) exploration licences.

A second-hand rotary pan plant, with dual flowsort x-ray units and hands-off glove sorting box, has been purchased to accommodate the planned increase in alluvial bulk-sampling in the central and southern licences and to circumvent the long tramping distances currently incurred with transporting material to the DMS plant at the Golu (Bo) site.

The Company has completed all the preparatory work for a planned airborne magnetometry survey in H1 2016.

An outline of the exploration activities follows.

1.1 Exploration Licence - EL 15/2012: Baoma Alluvial Project

1.1.1 Majestic Gravels

During this period, a bulk-samples were recovered from the eastern-most extent of the licence, from an area previously explored by Majestic Mining Ltd, where high-terrace palaeo-gravel occurrences have been investigated, some 40m above the level of the Modern Sewa River (Figure 2). An arrangement with the community to extract further gravels for bulk-sample testing is being finalized. Once civil works and DMS plant optimisation is completed, this gravel will be processed to test for mineralisation.

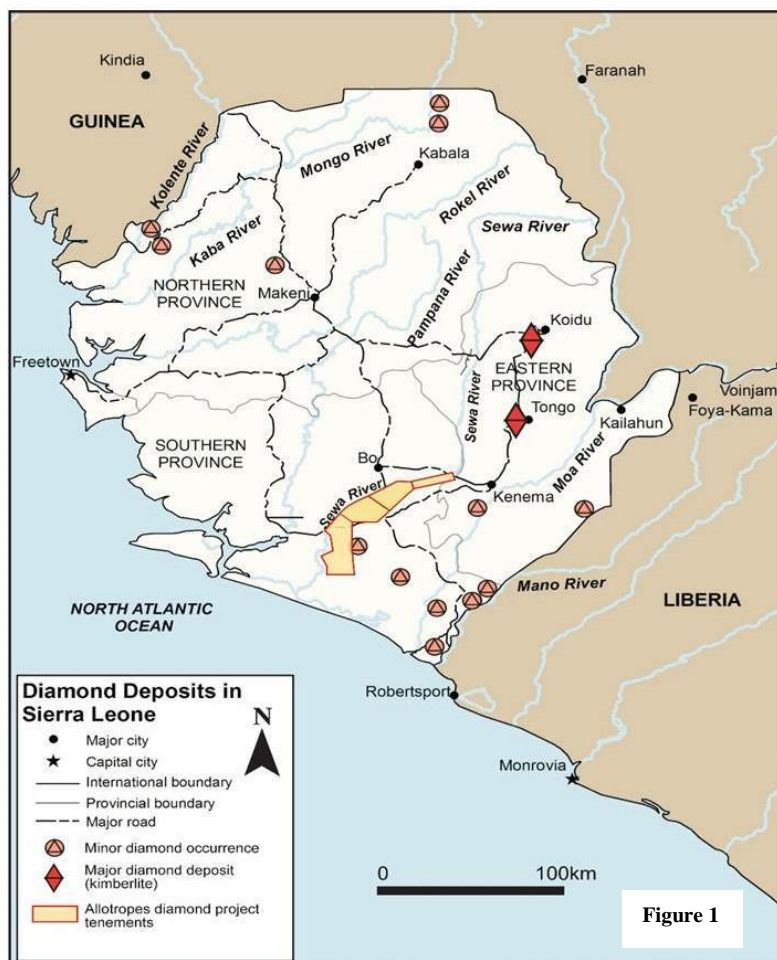


Figure 1. Status of tenement holdings, Sierra Leone.



Figure 2. Gravel occurrence at the Majestic locality, EL 12/2015. In-situ gravel thickness is up to 3.2m.

1.1.2 Sandia-Tugbebu KIM pitting

This target is located on the Sewa south-bank in the west of the licence area. A total of 48 pits are planned to recover heavy minerals for Kimberlite Indicator Mineral (KIM) analyses. To date, 25 pits have been completed and a further 19 samples have been screened for further gravitation to obtain a heavy mineral concentrate (HMC). The area lies over and adjacent to, aeromagnetic targets and these results will supplement the kimberlite exploration database for the EL.

1.1.3 Small-scale Mining Licence-Golu Pit

The licence covers an area of diamondiferous alluvial (fluvial facies) gravels at the Golu site within Exploration Licence 15/2012. The gravels occupy fringing terraces and embayments relating to the ancestral Sewa River system. The Lower Terrace fluvial facies has been described in previous Company updates (e.g. NWF ASX Release 27 June, 2014). The target horizon comprises a thin (20cm-80cm) basal gravel unit that unconformably overlies the water-bevelled basement floor-rocks adjacent to the Modern Sewa River.

Since the start to the dry-season mining activities, some 1300 tons of basal gravel has been stockpiled from mining of the basal gravels from block 3 in preparation for processing, and the overburden stripping of mine blocks 10-12 has commenced (refer Figure 3).^{*} The DMS plant is currently being optimised with some minor changes, after the findings of an independent plant audit, and the production team has taken this opportunity to upgrade the civil works around the plant during this scheduled work.

^{*}In accordance with Listing Rule 5.23.2, the Company confirms in the subsequent public report that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimates of mineral resources or ore reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant announcement continue to apply and have not materially changed.



Figure 3. Map showing void, current and planned mine blocks, and progress to date (inset) for the Golu Small-scale Mining Licence (SML).

1.1.4 Airborne Magnetometry Survey

A total of 507 line-km of airborne survey has been planned for EL 15/2012. The flying will be conducted in H1, over high-interest kimberlite targets selected by the technical team. It is anticipated that the survey will locate drill-ready targets.

1.2 Exploration Licence - EL 20/2014: Jomu-Maina-Tongie Alluvial Program

A total of c.690 test pits were completed from a planned 913 pits (Figure 4), the remainder being lost due to inaccessibility. The planning of bulk-sample sites was completed on the back of the interpreted results of this campaign, which utilised gravel (facies) types, distribution and a first-pass assessment of the heavy mineral content (+2mm; -2mm fractions of the gravels, as well as the immediate footwall bedrock), in order to optimally site the planned bulk-sample sites.

In addition, the heavy mineral content (HMC) data relating to kimberlite indicator minerals (KIMs) was also compiled, which assisted in the siting of bulk-sample sites (Figure 6); the rationale being that the higher percentages of HMC also reflects host gravels with an enhanced diamond tenor, being of similar specific gravity (S.G.). The contouring of relative HMC concentrations (c.f. Figure 2), was aimed at assisting in the planning and siting of planned bulk-samples (Figure 5) to test for diamond mineralisation. Recently, twenty HMC samples from EL 20/2014 were dispatched to South Africa for KIM testing.

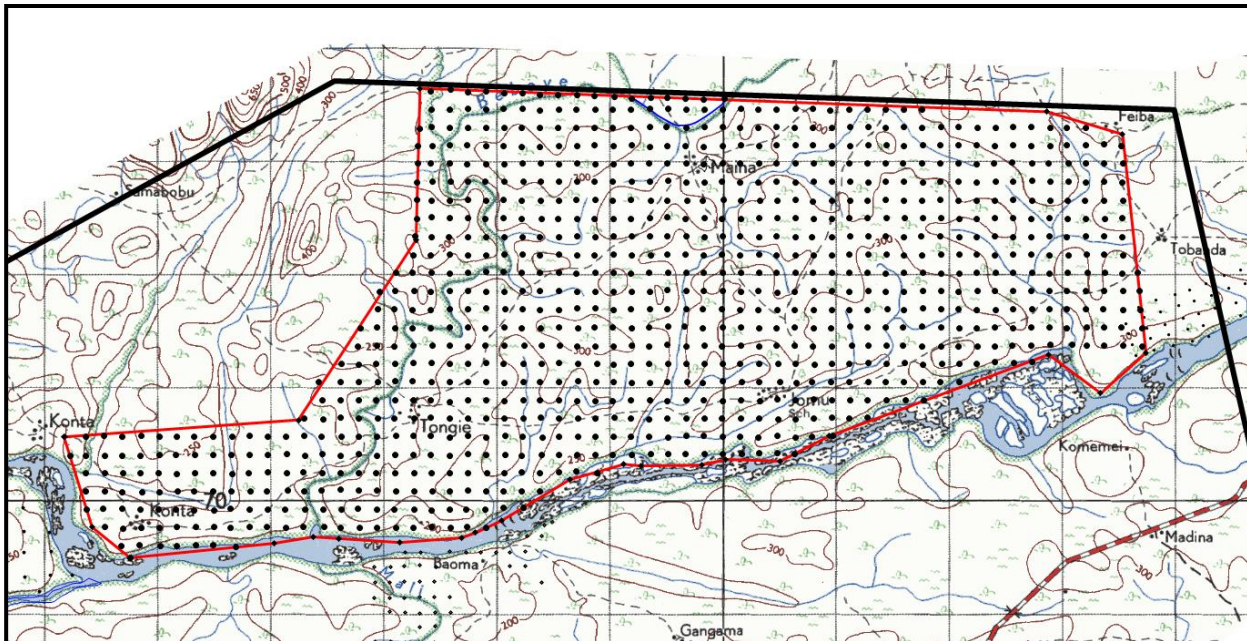


Figure 4. Location of planned and completed gravel test-pits on the Jomu-Maina-Tongie Alluvial Project (black dots inside red polygon).

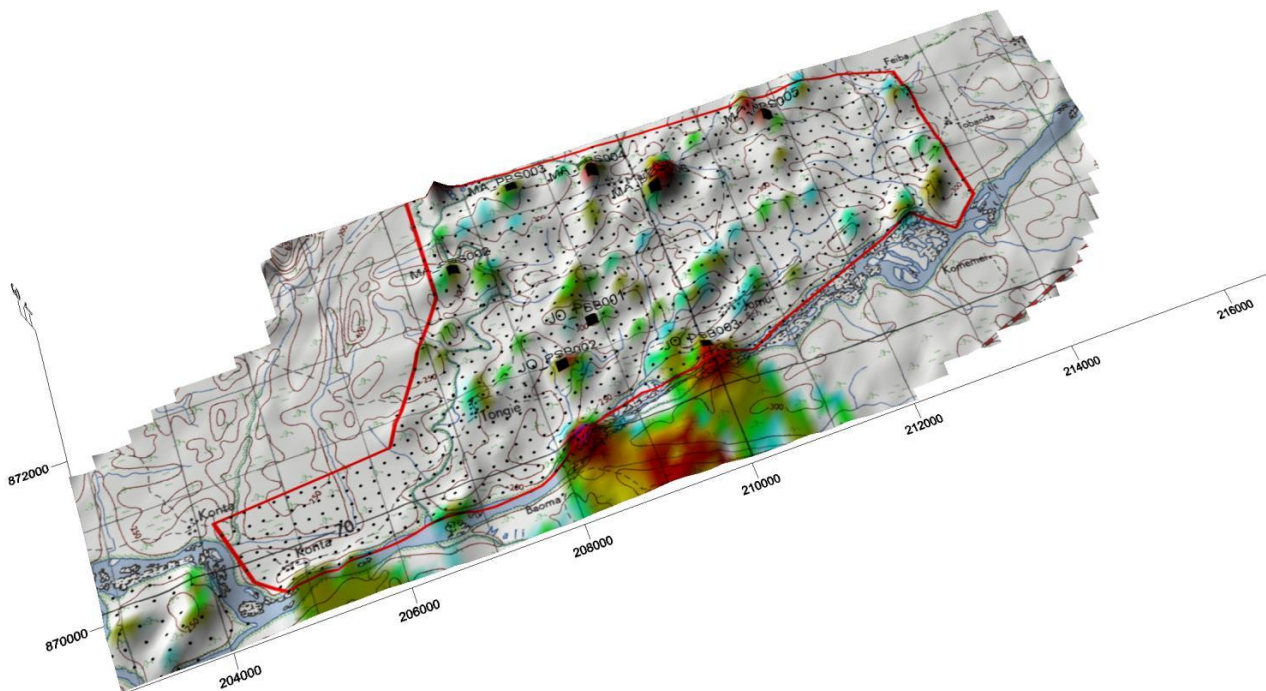


Figure 5. 3-D isopach plot of the relative heavy mineral concentrate (HMC) percentage recovered from the gravel test-pits, EL 20/2014. The green and red peaks reflect higher HMC concentrations, and may be suggestive of close proximity to kimberlitic host rocks or an enriched lateritic cover scavenged from older fluvial systems. Black squares are proposed bulk-sample localities.

The processing of four (4) trenches and a large pit at the Maina locality, (Figure 6 and refer Six Monthly Exploration Progress Report: EL 20/2014 – May 19th, 2015), was completed and processed at the Golu DMS processing plant, with disappointing batch results; the highest result returned a recovered grade of just under 3 cpt (Table 1).



Figure 6: Exposed section in the Maina Pool bulk-sample (at left). Stockpiled gravel from the Pool (at right).

MAINA-ADCL_PIT 1830-Low Terrace	Actual Grade c/ht	Carats per stone	Carats	Number of Stones	No of Stones ≥ 2 carats	Largest stone	ROM Tons	DMS Tons	DMS Tons as % of ROM
	2.91	0.15	0.46	3	0	0.25	16	3	20.89
Summary	2.91	0.15	0.46	3	0	0.25	16	3	20.89

Table 1. Example of a batch grade recovered from the Jomu-Maina-Tongie exploration bulk-sampling program.

1.2.1 Airborne Magnetometry Survey

A total of 356 line-km of airborne survey has been planned for EL 20/2014. The flying will be conducted in H1, over high-interest kimberlite targets selected by the technical team. It is anticipated that the survey will locate drill-ready targets.

1.3 Exploration Licence - EL 19/2014: Hima-Mano Alluvial Program

A total of 357 test pits (1m x 1m surface dimensions) were completed to date on the Sewa River South Bank around the Hima and Mano villages (Figure 7) within EL 19/2014, for the period under review. The grid pattern layout of the test-pits has been designed to delineate the distribution of potentially diamondiferous gravels and ascertain gravel and overburden thickness and facies type. Facies types encountered to date range from surface residual lateritic gravels (relict, colluvial-type placer) overlying weathered saprock, to fluvial (Ancestral Sewa River) facies, overlying fresh, water-bevelled, granitoid basement and Rokel River Group meta-volcanics.

Within the reporting period, a further seventeen (17) 2m x 2m dimension test pits (c.f. Figure 7) were completed on or adjacent to the bulk-sample sites completed by Cream Minerals Ltd in 2005. The pits were aimed at replicating the distribution of gravels identified in the Cream bulk-sampling campaign. All pits located the tops of a thick gravel sequence. Further work in Year 2, is required to obtain full exposures of these deep gravels.

In addition, the heavy mineral content (HMC) data relating to kimberlite indicator minerals (KIMs) has been compiled, which has assisted in the siting of bulk-sample sites (Figure 8); the rationale being that the higher percentages of HMC also reflects host gravels with an enhanced diamond tenor. The contouring of relative HMC concentrations (Figure 8;

Figure 9), will greatly assist in the planning and siting of planned bulk-samples (c.f. Figure 8; Figure 9) to test for diamond mineralisation. Twenty HMC samples have been recently dispatched to South Africa for KIM testing.

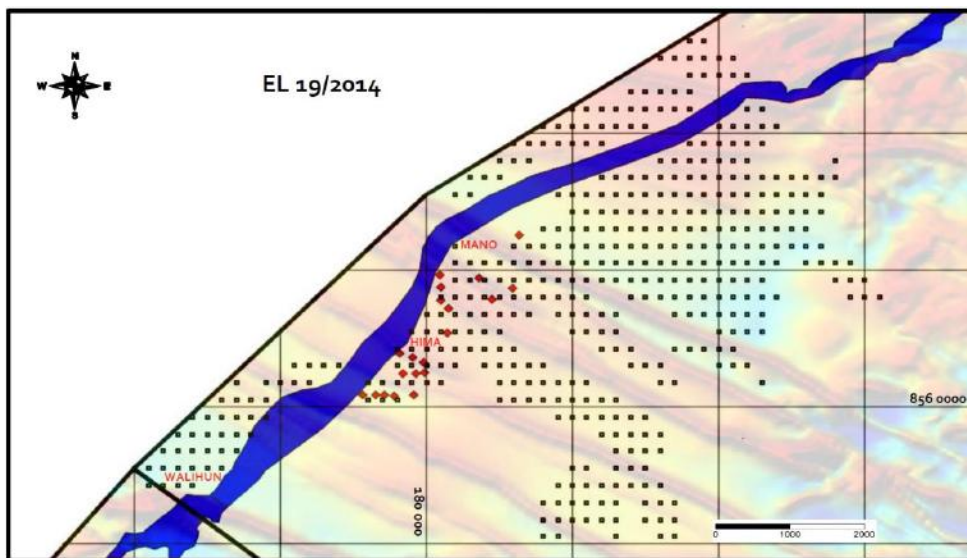


Figure 7. Location of planned and completed exploration test-pitting (1m x 1m dimensions) on the extended Hima-Mano areas of EL 19/2014. Red diamonds are larger diameter (2m x 2m) test pits, aimed at replicating the gravel occurrences identified in a legacy pitting and drilling program conducted by Cream Minerals Ltd in 2005. Background comprises a TMI image. Sewa River in blue.

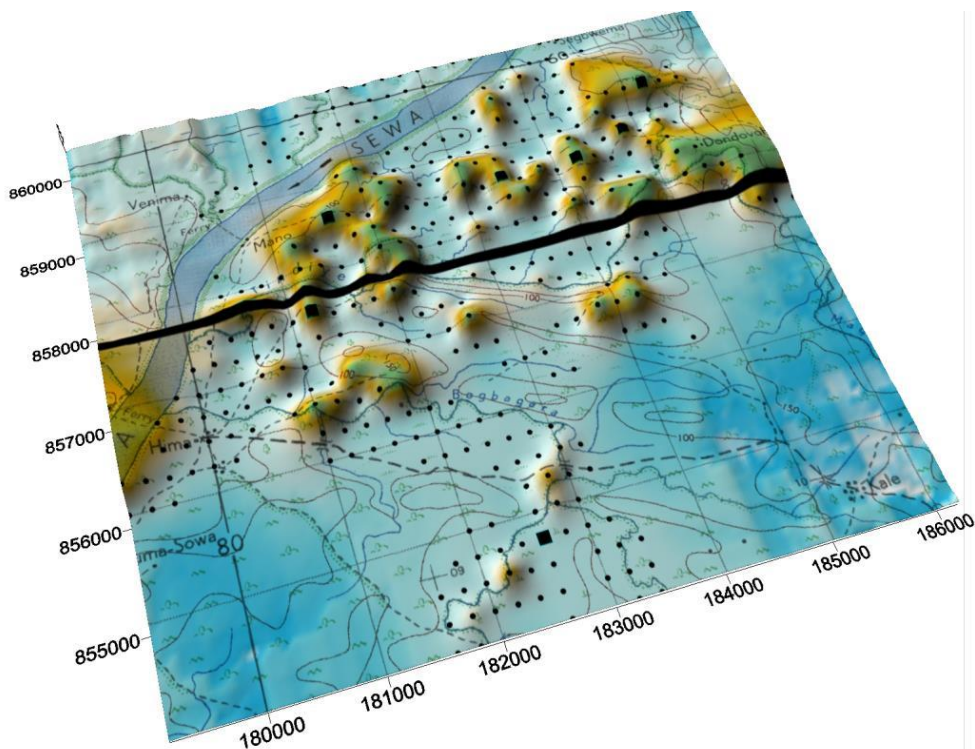


Figure 8. 3-D plot of the relative heavy mineral concentrate (HMC) percentage recovered from the gravel test-pits, EL 19/2014. Black dots are 1m x 1m test-pits. Proposed bulk-sample sites are black squares. The brown-green areas reflect higher HMC concentrations, and may be suggestive of close proximity to kimberlitic host rocks.

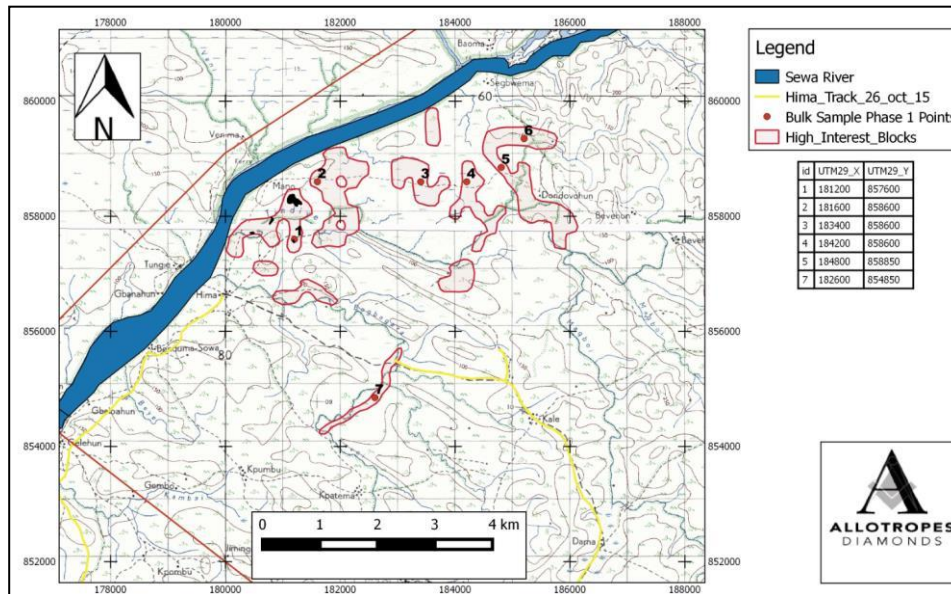


Figure 9. Topo-cadastral plan showing high-interest HMC blocks and proposed bulk-sample sites, EL 19/2014. Planned access routes in yellow.

1.3.1 Airborne Magnetometry Survey

A total of 409 line-km of airborne survey has been planned for EL 19/2014. The flying will be conducted in H1, over high-interest kimberlite targets selected by the technical team. It is anticipated that the survey will locate drill-ready targets.

1.4 Exploration Licence - EL 12/2014: Lake Fula and Pongola-Mokombo Alluvial Programs

Mokombo Bulk-sampling Program: A total of fifteen (15) bulk-sample pits have been excavated to date in the Mokombo Target area of EL12/2014 (Figure 10), with a total extracted volume of 2278m³ amounting to c.4000 tonnes of extracted gravel awaiting transport to the Golu DMS processing plant. There has been limited capacity to transport samples as the access roads are near impassable during the height of the wet season (May to November). Nevertheless, an estimated 380 tonnes of material has been transported to date (e.g. bulk-sample MAPS009) and as the roads dry out and maintenance work is completed, the remaining material will be relocated to the processing facility. In all instances, a strict chain of custody has been maintained for all the bulk-samples, from field to plant site.

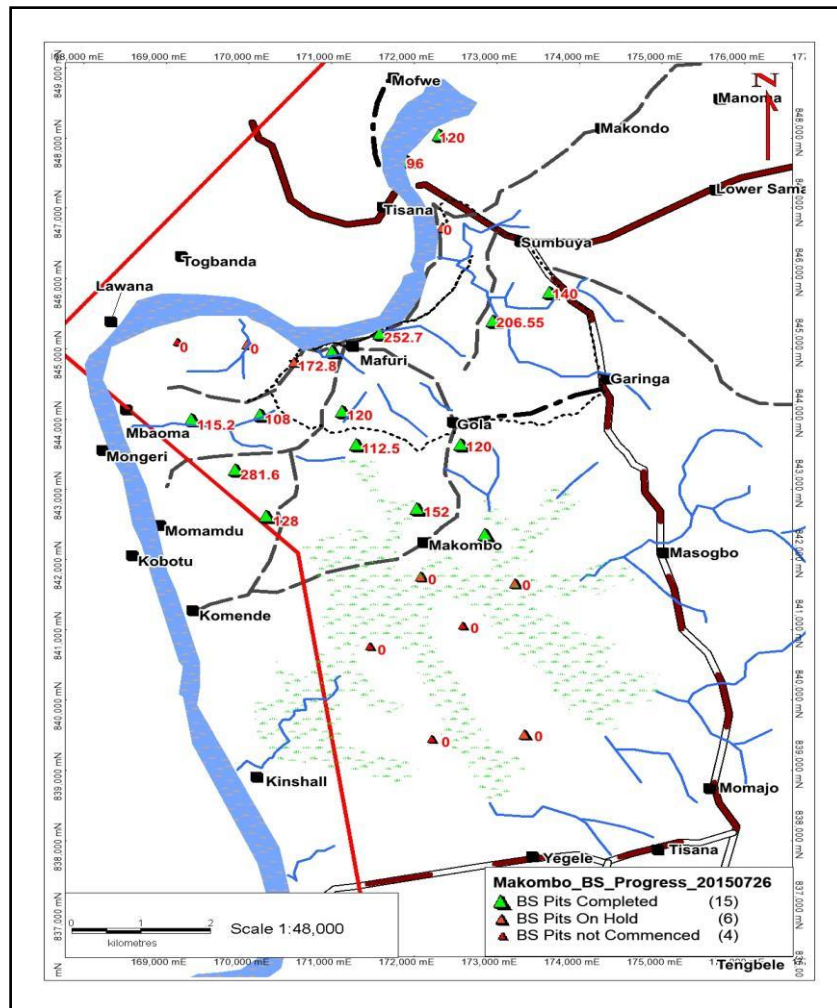


Figure 10. Showing bulk-sampling progress at the Mokombo and Pongolo Project localities. The exploration camp is located at Sumbuya

1.4.1 Airborne Magnetometry Survey

A total of 370 line-km of airborne survey has been planned for EL 12/2014. The flying will be conducted in H1, over high-interest kimberlite targets selected by the technical team. It is anticipated that the survey will locate drill-ready targets.

1.5 Exploration Licence - EL 11/2014: Yawei Flat (Malen River) and Lake Gambia Alluvial Program.

Yawei Flat: The 8m x 8m dimension bulk sample pit located on the Yawei Flat has been suspended due to heavy inflow of subsurface water associated with the nearby Malen River, and will recommence in the first quarter of 2016, during the dry-season scheduled exploration activities.

Lake Gambia: To date, 300 pits and c.445m of trenching has been completed over the Lake Gambia Target. The field teams have also completed the identification of heavy mineral concentrates (HMC) in over 80% of the pits. These results, along with geological logs, have been utilised in the selection of priority bulk-sample localities. To date, twenty-one (21) bulk sample pits (c.15m x 15m dimension) and five (5) trenches have been planned (Figure 11). Any potential alluvial resource here is very much intact, with only sporadic artisanal mining having occurred in the area. Exploration work in the area had been put on hold in the period under review, due to heavy rains, and will recommence in the next quarter.

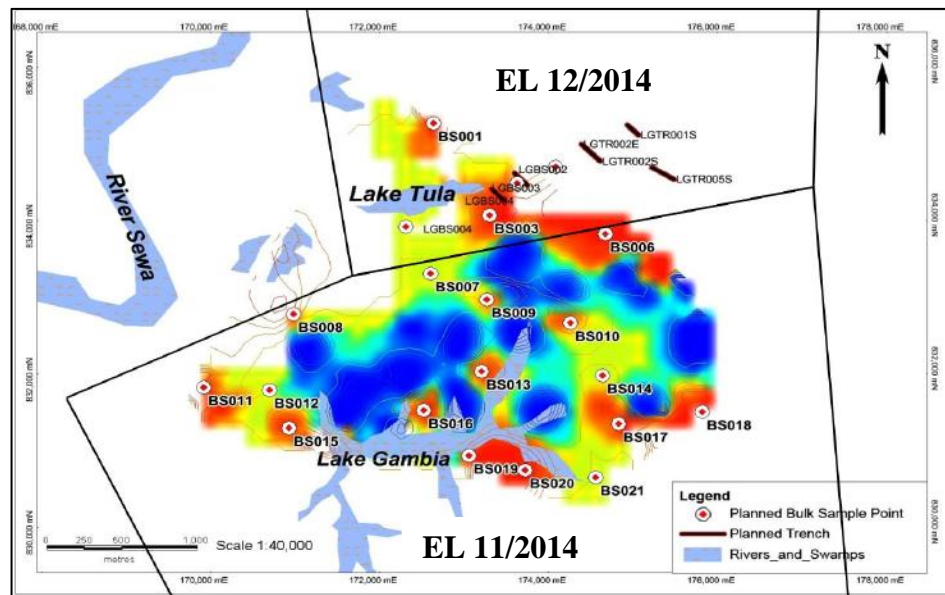


Figure 11. Lake Gambia bulk-sample sites. The background image is an isopach of heavy mineral content (HMC).

1.5.1 Airborne Magnetometry Survey

A total of 2 389 line-km of airborne survey has been planned for EL 11/2014. The flying will be conducted in the next quarter, covering the whole of the EL and will complete the geophysical database for a previously un-flown section of the Company's landholdings. The Lake Popei kimberlite dyke discovery is situated in this EL and it is a well-known fact that kimberlites occurs as dyke-arrays or form in pipe clusters. It is anticipated that several more drill-ready kimberlites will be identified after the survey, which will additionally be flown at a low-elevation (40m instrument clearance) and thus at high resolution for optimum target identification.

1.6 Pandanus Candelabrum Survey

These plants, referred to as the 'Kimberlite Tree', have been sighted at over 240 locations over the five ELs, and have most been observed along streams draining into the Sewa River, as well as along the Sewa River itself. The Pandanus plant is a recognised kimberlite indicator plant and its successful use as an exploration tool has been demonstrated by a kimberlite pipe discovery in Liberia. Pandanus candelabrum is a spiny, evergreen shrub or tree growing up to 9 metres tall, with conspicuous stilt roots and a thorny bole that can be up to 25cm in diameter. Stephen Haggerty, a leading diamond researcher, found that the prickly, palm-like plants seem to grow only on top of ultra-mafic-rich rock types and specifically, localities associated with kimberlite pipes. The study has so far shown that all the locations of the plant are associated with artisanal workings and in some of the locations, artisanal workers have continuously worked with close contact of this vegetation type for several years, informally recognising it as a good diamond indicator.

1.7 Dredging Program-Sewa River

Planning has been completed (Figure 12) and permit applications are expected to be issued following a site visit from NMA officials in mid-January 2016.

Large-scale dredging operations have been conducted on the Sewa River since 1962, with varying degrees of success.

Previous Work

In EL 15/2012, formerly Block 11 (Yamandu) (Hall, op. cit), river channel recoveries have been historically high-with some ‘bonanza’ recoveries being reported, in the order of 1.0-3.0 carats per cubic yard (72-217 cpht). There has also been intensive diving by artisanal miners over the decades, but it is safe to say that the deeper pools have remained inaccessible to date.

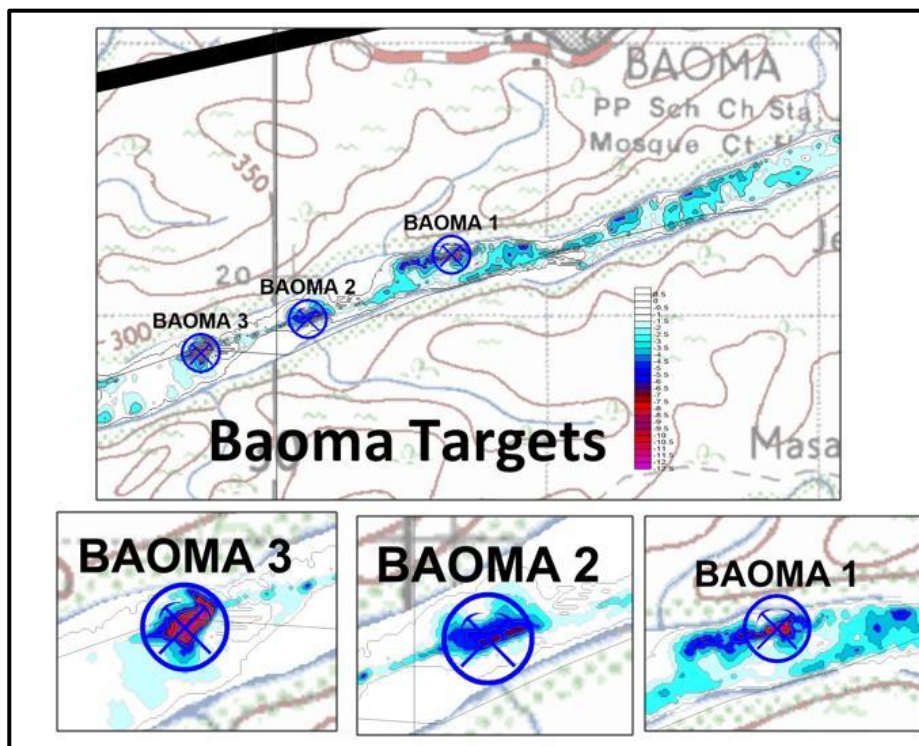


Figure 12. Example from EL15/2012 of Sewa River morphology and selected dredging sites with overlying bathymetry survey, showing potential trap-site development for diamondiferous gravels. Red-purple colours indicate deeper areas in the river.

1.8 Second Diamond Recovery Plant

The Company secured a second alluvial processing plant in November (photograph 1). The plant comprises three rotary pan plants as well as peripherals, two containerised x-ray flow sorts in working condition and a hands-off glove box. The plant will require refurbishment after its relocation from the Kono District to site, and once fully operational, is expected to be relocated to service the alluvial exploration program in the central and southern licences.



Photograph 1. View of recently purchased second-hand rotary pan plant, Kono District.

2. NEWFIELD EXTENDED GOLD PROJECT (NEWFIELD EARNING UP TO 80%)

During the quarter the Company completed a first pass air core drilling program to test the recently defined gold-in-auger drilling anomalies in the western target area on the Newfield Extended Project.

The Newfield Extended Project comprises one granted exploration licence (E77/1394), covering approximately 40 square kilometres, immediately to the north and west of the Newfield Mining Centre (Figure 13).

A historical broad-spaced auger soil geochemistry program completed by the tenement operators in 2011 - 2012 together with a detailed aeromagnetic survey, had outlined three high priority gold targets within the project area.

A recent infill and expanded auger soil sampling program completed by Newfield confirmed and extended several gold anomalies in the western and north eastern target areas. (NWF ASX Release 29 April, 2014*)

In the western target area several distinct, greater than 10ppb, gold-in-auger soil anomalies have been outlined (Figure 14). These low-order gold anomalies are considered significant as the majority of the western target area is covered by recent transported sands, which mask the surface geochemical response from any potential gold mineralisation at depth.

The western gold anomalies are also largely coincident with an area of anomalous nickel geochemistry (greater than 100ppm nickel) in the auger soil sampling (Figure 15). The anomalous nickel geochemistry supports the Company's recent interpretation that the granite – greenstone boundary may be located further west than had been inferred by previous explorers.

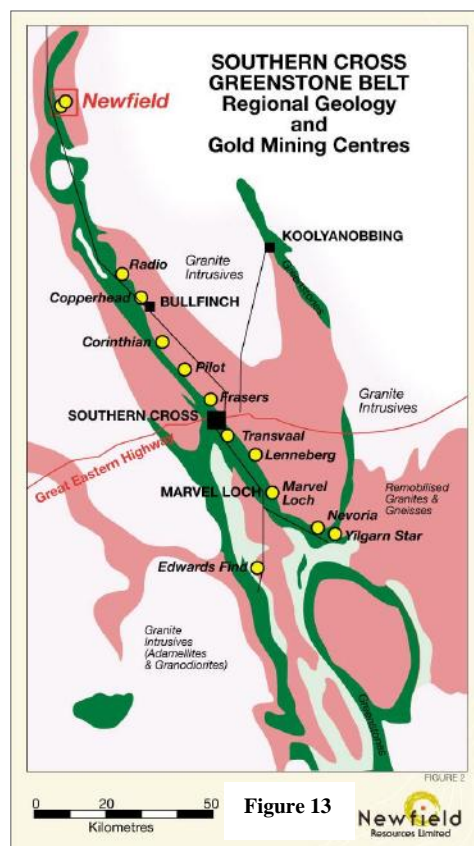
During the reporting period a first pass air core drilling program was undertaken to test the coincident gold and nickel anomalies in the western target area. The air core drilling program comprised 23 holes for a total of 1,380m drilled on four east – west orientated drill traverses across the auger anomalies. The location of the air core holes are shown on Figure 14 and Figure 15.

The air core holes intersected granitic basement beneath variable thicknesses of transported cover. No significant gold mineralisation was returned from the drilling.

Widespread weakly anomalous nickel geochemistry (greater than 50 ppm Ni, maximum 143 ppm Ni) was consistently returned from the transported cover sequence in the air core drill holes. The anomalous nickel geochemistry may be associated with the weathering of an interpreted Proterozoic dolerite dyke, which is evident in the magnetic data immediately to the south of the target area.

The Company will review the results of the exploration completed to date on the project area to determine the forward work program.

*In accordance with Listing Rule 5.23.2, the Company confirms in the subsequent public report that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimates of mineral resources or ore reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant announcement continue to apply and have not materially changed.



**Air Core Drilling Traverses over
Auger Soil Sampling Gold Results and Total Magnetic Intensity Image
Newfield Extended Project**

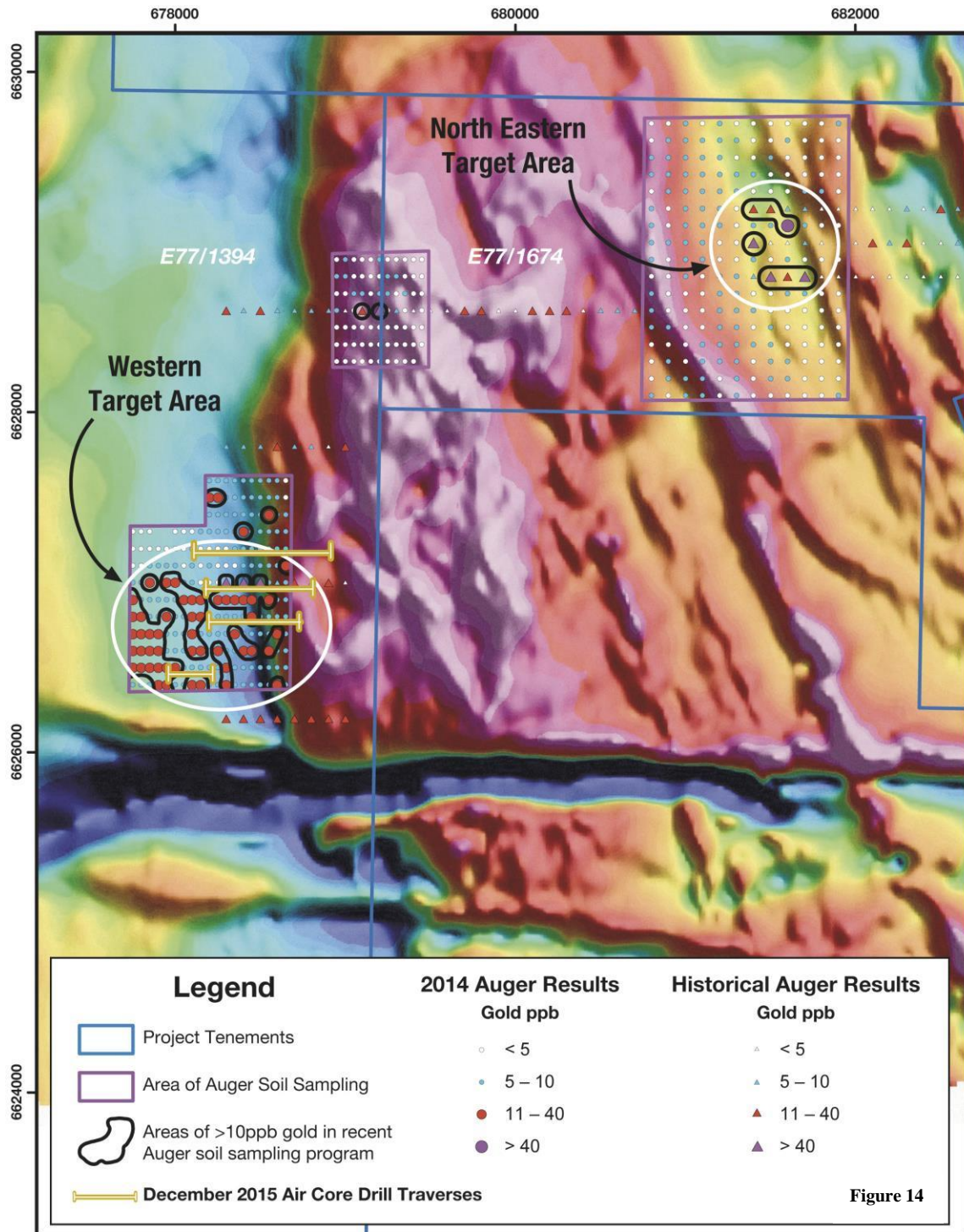
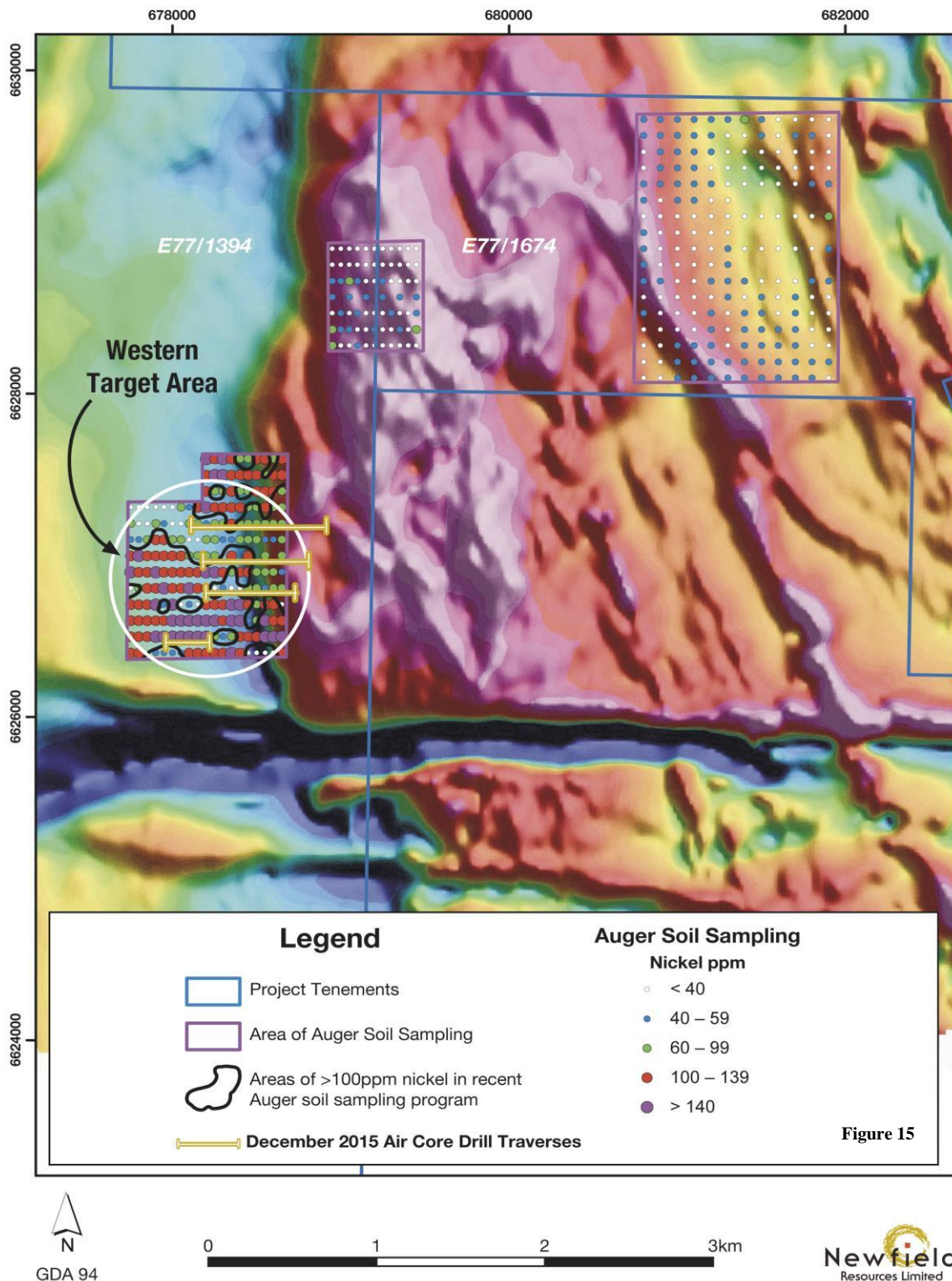


Figure 14



0 1 2 3km

**Air Core Drilling Traverses over
Auger Soil Sampling Nickel Results and Total Magnetic Intensity Image
Newfield Extended Project**



3. CREST YARD GOLD PROJECT (NEWFIELD 70%)

The Crest Yard Gold Project, covers 2,455 ha, centred between the historical gold mining centres of Kintore and Dunnsville, located approximately 60km northwest of Kalgoorlie, Western Australia.

Exploration undertaken by the Company on the project to date has included an aeromagnetic survey, a detailed auger geochemical program and aircore drilling programs. This work has defined several areas of bedrock gold mineralisation associated with zones quartz veining, Fe-staining, sericite alteration and haematite alteration within the previously untested Doyle Dam Granodiorite.

The recently completed phase two aircore drilling program returned several areas of anomalous bedrock gold mineralisation (greater 100ppb Au) at or near bottom of drill holes within the southern target area. (NWF ASX Release 30 January, 2015*)

The Company continues to review and interpret the results of the aircore drilling programs with a view to refining targets for deeper drill testing in the coming quarters.

*In accordance with Listing Rule 5.23.2, the Company confirms in the subsequent public report that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimates of mineral resources or ore reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant announcement continue to apply and have not materially changed.

4. CORPORATE

4.1 Capital raising

During the quarter, the Company completed a \$10m capital raising by the issue of 12,500,000 fully paid ordinary shares at an issue price of 80 cents per share.

4.2 Appointment of Dr Renato (Spaggs) Spaggiari as Mineral Resources Manager (MRM)

During the quarter, Dr Spaggiari (Spaggs) was appointed as the Mineral Resources Manager (“MRM”) of Allotropes Diamond Co Ltd (“Allotropes”) and its diamond project in Sierra Leone. Spaggs replaces Mr Mike Lynn as the incumbent MRM, upon his elevation to CEO of Allotropes. Dr Spaggiari’s appointment is in line with Newfield’s strategy to secure more specialist and experienced diamond skills into its senior management ranks as it enters the next important phase of development of its Allotropes Diamond Project.

Dr Spaggiari has over 30 years’ experience as a geologist in the African Continent in alluvial and kimberlite diamond exploration. This experience underscores his strong background in grass-root exploration techniques, resource evaluation and mine production geology.

4.3 Appointment of Mike Lynn as Executive Director + CEO and Retirement of Joshua Letcher as Executive Director

Mike Lynn was also appointed in this quarter as the CEO of Allotropes Diamond Co Ltd (“Allotropes”) and its related entities in Sierra Leone, following his appointment as Executive Director of Newfield in August 2015.

Mike is a diamond geologist with over 30 years’ operational and management experience in the African Continent (including DRC, Tanzania, Guinea, and South Africa), as well as India, Canada and Brazil. Further details of Mike’s credentials and experience are set out in the ASX announcement dated 24 August 2015 advising of his appointment.

At the same time, the Company announced the retirement of Mr Joshua Letcher from its Board and as CEO of Allotropes and its related entities. Joshua was the founder of Allotropes and his efforts in establishing the diamond project in Sierra Leone are highly appreciated.

REFERENCES

Hall, P.K., (1972). The diamond fields of Sierra Leone. Geol. Surv. Sierra Leone Bull. 5 (1); 133 pp.

Ikona, C. K. (2006). Technical Report on Alluvial Diamond Properties –EPL 1/94 & EPL 5/94, Sierra Leone, for Cream Minerals Ltd., 77pp.

COMPETENT PERSON'S STATEMENT- DIAMONDS

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves on the Allotropes Diamond's Sierra Leone Diamond Project, is based on information compiled by Mr Richard Hall (*M.Sc. Geology, Cum Laude*) who is a Fellow of the Australasian Institute of Mining and Metallurgy and a member of the Australian Geological Society, and who is an employee of Newfield Resources Limited.

Mr Hall has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Hall consents to the inclusion in this ASX release of this information in the form and context in which it appears.

COMPETENT PERSON'S STATEMENT- GOLD

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves on the Newfield, Newfield Extended and Crest Yard Gold Projects is based on information compiled by Mr Bryan Alexander who is a member of the Australasian Institute of Mining and Metallurgy.

Mr Alexander has sufficient experience which is relevant to the style of the mineralisation and type of deposit under consideration and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Alexander consents to the inclusion in this ASX Release of this information in the form and context in which it appears.

APPENDIX 1 – REPORTING OF EXPLORATION RESULTS - JORC (2012)

TABLE 1

NEWFIELD EXTENDED PROJECT

Section 1: Sampling Techniques and Data – NEWFIELD EXTENDED PROJECT

Criteria	JORC Code Explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (eg 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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce 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 (eg submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> NEWFIELD EXTENDED PROJECT Air core drilling was used to obtain 1 m samples from which 4m composites samples were submitted for analysis. Sampling and analytical procedures detailed in the sub-sampling techniques and sample preparation section.
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<ul style="list-style-type: none"> Aircore drilling completed by Raglan Drilling. Achieved hole diameter size of 104mm (4 ¼ inch).
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> Sample recovery size and sample condition (dry, wet, moist) recorded. Drilling with care (eg. clearing hole at start of rod, regular cyclone cleaning) if water encountered to reduce incidence of wet samples. Insufficient sample population to determine whether relationship exists between sample recovery and grade.
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> Logging carried by inspection of washed cuttings at time of drilling with all samples collected in plastic chip trays for future reference.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> No core drilling Composite samples of 1 -4m were collected by PVC spear in pre-numbered calico bags. Sample weight 2.5 - 3 kg. Wet samples bagged separately in plastic bags prior to placing in plastic and/or polyweave bags for despatch to assay laboratory. Scoop used for wet sample collection. All samples are pulverised utilising Essa LM1, LM2 or LM5 grinding mills determined by the size of the sample. Samples are dried (nominal 110 degrees C), crushed and pulverized to produce a homogenous representative sub-sample for analysis. A grind quality target of 85% passing 75µm has been established and is

Criteria	JORC Code Explanation	Commentary
		<p>relative to sample size, type and hardness.</p> <ul style="list-style-type: none"> Field duplicates collected as part of QA/QC process which also involved the use of STANDARD samples or BLANK samples at a frequency of 1 in 50 samples. (supplied by Geostats Pty Ltd, Perth)
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> The composite samples were collected for gold, nickel, copper and arsenic analysis work completed at Intertek Genalysis, Perth. Following the Sample Preparation outlined in the previous section above, all samples were analysed for gold, nickel, copper and arsenic by Intertek Genalysis Laboratory Services via an Aqua Regia ICP-MS (ARU10/OE + AR10/aMS01). (Detection Limit – 1 ppb Au, 1 ppm Ni, 1 ppm Cu, 5 ppm As). Individual bottom of hole samples were analysed by Intertek Genalysis for a multi-element suite via Aqua Regia Standard ICP-OES & MS (Aqua regia digestion 10g/ICP-OES & ICP-MS) No significant intercepts reported. Quality control process and internal laboratory checks demonstrate acceptable levels of accuracy.
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> QA/QC procedures include certified Standard Sample(s), a Blank sample and a field duplicate submitted to the Assay Laboratory with the field samples as described above. The Ratio of Standards/ Blanks/Duplicates in the drilling program is 1 in approximately every 50 field samples. Internal laboratory standards are completed as a matter of course. Sample data was captured in the field and data entry completed in the Company's Perth office. Sample data was then loaded into the Company's database and validation checks completed to ensure data accuracy.
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> Drill holes were surveyed by handheld GPS with horizontal accuracy (Easting and Northing values) of +-5m. Grid System – MGA94 Zone 50.
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<ul style="list-style-type: none"> Holes were 80m -160m spaced along east-west drill traverses to follow-up surface gold and nickel geochemistry anomalies. Traverses were spaced between 200m and 300m apart. Aircore drill samples composite range 1-4m.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> East west orientated traverses designed to test for north trending structures at, or adjacent to, the interpreted granite – greenstone contact.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Samples were securely stored in field and transported to the laboratory by an authorised company representative or an authorised transport agency.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> No audits or reviews completed.

Section 2: Reporting of Exploration Results – NEWFIELD EXTENDED PROJECT

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> The NEWFIELD EXTENDED PROJECT, located 70 km north of Bullfinch, Western Australia comprises one granted exploration licence (E77/1394) covering approximately 40 square kilometres immediately the north and west of the Newfield Mining Centre. Newfield Resources Limited is earning an interest in the tenements via exploration expenditure. The terms of the Newfield Extended Project Farmin Agreement are: To earn an initial 51% interest in the tenements: Newfield must undertake a detailed auger drilling program over the three priority target areas (minimum of 400 auger holes) within six months of execution of the agreement (and before any withdrawal), and; Newfield must undertake a minimum of 2,500m of aircore and/or RC drilling within 18 months of the execution of the agreement. Newfield may earn an additional 29% interest (taking its total interest to 80%) by: Undertaking an additional 2,500m of aircore and/or RC drilling or an additional \$200,000 of exploration expenditure within 30 months of the execution of the agreement. If Newfield earns 80% interest then the parties will enter an 80%/20% contributing joint venture. Newfield has the option, at its election, to acquire the remaining 20% interest in the tenements by the payment of \$200,000 within 24 months of the execution of the agreement. There is no Native Title Claim registered in respect of the project tenure. Accordingly, there is no requirement for a Regional Standard Heritage Agreement to be signed. E77/1394 has an expiry date of 25/02/2018.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Recent historical exploration (2010 – 2012) has been undertaken by Western Areas Ltd as part of a nickel exploration program. This exploration included geological mapping, aeromagnetic survey and interpretation and auger sampling. A limited program of soil sampling and localised aircore drilling was completed by LionOre Australia (Nickel) Ltd in the period 2004 -2006. Wide spaced soil sampling and localised RAB drilling was undertaken in the early to mid 1990s by Sons of Gwalia Ltd- Burmine Operations Pty Ltd. Localised detailed surface auger geochemistry program completed by Newfield Resources Ltd.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> Target is shear hosted gold mineralisation associated with the western granite-greenstone contact of the Southern Cross – Bullfinch Greenstone Belt.
Drill hole Information	<ul style="list-style-type: none"> 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: 	<ul style="list-style-type: none"> Drill hole locations are shown on the plan attached in this release. All drill holes were drilled vertically to blade refusal.

Criteria	JORC Code Explanation	Commentary
	<ul style="list-style-type: none"> 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. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. 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 assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> No significant results reported.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<ul style="list-style-type: none"> No significant results reported.
Diagrams	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Appropriate summary diagrams with Scale and MGA 94 coordinates are included in the accompanying report above.
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Diagrams show all drill holes completed.
Other substantive exploration data	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> A detailed aeromagnetic survey flown by a previous explorer has been used to interpret relative positions of prospective structures in relation to defined gold anomalism in the auger sampling.
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> Results of the drilling program will be assessed together with the remaining targets on the project to determine the forward exploration program.

APPENDIX 2 – REPORTING OF EXPLORATION RESULTS - JORC (2012)

TABLE 1

Allotropes Diamond's Alluvial Diamond Project -Sierra Leone.

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Sampling techniques	<ul style="list-style-type: none"> Nature and quality of sampling (eg 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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce 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 (eg submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> Not applicable – no sampling methodologies employed.
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<ul style="list-style-type: none"> Not applicable – no drilling methodologies employed as all reconnaissance activity to date has been conducted via mechanical and/or manual excavation of pits.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> Not applicable as no drilling methodologies employed.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> Approximately 700 gravel test-pits completed (various dimensions). All lithologically logged to capture overburden and gravel thickness, depth to bedrock, footwall contacts (sharp, gradual) and footwall lithology and character (weathered, fresh). Many pits were photographically recorded.
Sub-sampling techniques and	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. 	<ul style="list-style-type: none"> 50 kg of gravel collected to process for heavy mineral concentrate (HMC) and kimberlite indicator minerals

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
sample preparation	<ul style="list-style-type: none"> • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled. 	<p>(KIM). All samples collected were <i>in situ</i> material. All samples were cleaned to bedrock i.e. the rationale being that much of the HMC occupies this interface.</p> <ul style="list-style-type: none"> • All samples are transported and processed with minimum handling to ensure sample integrity and minimise loss of ore material. • Sub-sampling techniques involved reducing (washing) the gravel material to a concentrate residue. • HMC content recorded in terms of high-medium-low concentrations and mineral type.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> • The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	<ul style="list-style-type: none"> • Recovery of HMC completed under appropriate guidelines for QA/QC purposes.
Verification of sampling and assaying	<ul style="list-style-type: none"> • The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> • No independent verification of the sampling process was undertaken. • No adjustments to sampling data have been made.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Location of data points	<ul style="list-style-type: none"> • Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> • Sample sites selected in the field via hand-held Garmin GPS with a nominal (horizontal) accuracy of 5m at both the JOMU-MAINA-TONGIE alluvial project and at the SUMBUYA alluvial project (Makombo and Lake Gambia Targets). • In-pit measurements recorded with tape measures/ranging rods. • The grid system utilised is WGS84, UTM Zone 29N. • Planned waypoint transferred to ExpertGPS, GlobalMapper and ArcGIS programs. DTM data utilised is the NASA Africa SRTM (90m cell). A DEM collected from a legacy aeromagnetic survey (100m line spacing; 55m vertical height) is also available for topographic control purposes.
Data spacing and distribution	<ul style="list-style-type: none"> • Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied. 	<ul style="list-style-type: none"> • 900 gravel test-pits planned at the JOMU-MAINA-TONGIE Alluvial Project (c.630 completed with 165m centres) • 705 gravel test-pits planned at the SUMBUYA ALLUVIAL PROJECT (c.217 completed with 250m centres). • Pit spacing well within parameters for establishing geological continuity within an alluvial environment. • No sample compositing has been applied.
Orientation of data in relation	<ul style="list-style-type: none"> • Whether the orientation of sampling achieves unbiased sampling of possible 	<ul style="list-style-type: none"> • Sample orientation/bias is across strike of the regional footwall fabric and the alluvial gravel trends in order to

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
to geological structure	<p><i>structures and the extent to which this is known, considering the deposit type.</i></p> <ul style="list-style-type: none"> <i>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.</i> 	assess distribution of alluvial facies types and establish facies boundaries between homogenous domains.
Sample security	<ul style="list-style-type: none"> <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> Not applicable as no diamonds recovered.
Audits or reviews	<ul style="list-style-type: none"> <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> No independent audits or reviews have been undertaken.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <i>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.</i> <i>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.</i> 	<ul style="list-style-type: none"> The exploration licences (ELs) are 100% owned by Allotropes. In the ownership structure, there is no equity participation (free-carry or otherwise) with the Sierra Leone government other than a 6.5% royalty levied for precious stones (15% for specials valued over US\$0.5M per stone) as well as an export tax that is applied to all diamonds sent out of the country. The EL is issued initially for a 4 year period, and 2 subsequent renewals are permitted – the second renewal being for a 3 year period and the last being for a 2 year period, for a total of 9 years. There is no requirement at this stage for Allotropes to reduce their licence size. The EL tenure and planned work program for the forthcoming year is in good standing.
Exploration done by other parties	<ul style="list-style-type: none"> <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> Sierra Leone Diamond Company (SLDC, now rebadged as African Minerals) conducted an extensive umbrella, multi-commodity and diamond exploration program, comprising an airborne magnetic survey for kimberlites (28 000 km²), a ground-based reconnaissance stream sediment sampling (RSS) and bulk-sample pitting program over their alluvial deposits, over approximately 40 000km² of the country. Artisinal miners have also exploited significant diamondiferous swamps and river gravels in the ELs over the years – however, these activities have not formally been documented or their depletions recorded.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Geology	<ul style="list-style-type: none"> <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> Dominant diamondiferous alluvial facies types identified are: <ul style="list-style-type: none"> Modern River deposits; Swamps and Flats; Alluvial (fluvial) terraces (Low and High Terraces of the ancestral river located in proximity to the Modern river); Surface residual deposits (remnant regolith landforms) comprising colluvial/eluvial aprons (laterites) over, and adjacent to, interpreted kimberlite geophysical anomalies are considered the principal alluvial (host) gravel horizon. Primary diamond ore bodies - geophysical anomalies/models indicate pipe and blows and lozenge-shape en-echelon kimberlite dyke swarms (considered of Jurassic (c.145Ma) age as per the known kimberlite occurrences.
Drill hole Information	<ul style="list-style-type: none"> <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material</i> 	<ul style="list-style-type: none"> Not applicable as no drilling has been conducted.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p>drill holes:</p> <ul style="list-style-type: none"> ○ 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. <ul style="list-style-type: none"> • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	<ul style="list-style-type: none"> • In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. • 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 assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> • No weighting, averaging or grade truncation methods have been utilised. • No metal equivalent values have been considered. • Isopach models have occasionally utilised kriging to mitigate skewed data, due to the inherent ‘nugget effect’ in alluvial diamond deposits.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> • These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg ‘down hole length, true width not known’). 	<ul style="list-style-type: none"> • Results, where quoted, are from surface pits, excavated to bedrock. • The pervasive single storey (multi-storey in some of the fluvial deposits associated with the Modern river) basal gravels present over the EL represent the preferred target horizon for diamond mineralisation.
Diagrams	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Appropriate maps and plans have been compiled. Historic and 3rd party maps are also available from government sources (e.g. Sierra Leone National Minerals Agency ([NMA])).
Balanced reporting	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Any results reported encompass both low and high grade (i.e. actual) values and no compositing has taken place. • The base-data has not been capped to reduce the ‘nugget-effect’ inherent in many diamond alluvial deposits. The modelling of these data however, has incorporated Kriging, a type of regression analysis, designed to reduce and smooth the effect of skewed (‘nuggety’) data.
Other substantive exploration data	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Other substantive exploration data is available. Legacy data obtained from the National Minerals Agency (NMA) compiled by previous operators SLDC has been acquired – this includes but is not limited, to: <ul style="list-style-type: none"> ○ Reconnaissance resolution airborne magnetic data (100m line spacing; 55m flight height; 20m grid spacing) ○ Exploration bulk localities and sample grades ○ Maps of potential resource areas ○ Drilling and sampling programs
Further work	<ul style="list-style-type: none"> • The nature and scale of planned further work (eg tests for lateral extensions or 	<ul style="list-style-type: none"> • Future exploration work will be aimed at establishing the repeatability of historic diamond grades and further

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p><i>depth extensions or large-scale step-out drilling).</i></p> <ul style="list-style-type: none"> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<p>identifying the mode and occurrence (distribution and geographic locality) of diamondiferous gravels within the EL.</p> <ul style="list-style-type: none"> Further bulk sample sites will be identified on the basis of the gravel distribution of additional facies types with the tenements and evaluating the mineral content of these gravels in a systematic, geo-statistically representative manner. This work is an iterative process and scalable and the method planned is one that can be adapted and applied over each newly identified potential resource area.

Section 3 Estimation and Reporting of Mineral Resources

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

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Database integrity	<ul style="list-style-type: none"> <i>Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.</i> <i>Data validation procedures used.</i> 	<ul style="list-style-type: none"> No code-compliant Mineral Resource estimation has been attempted, or mineral resource inventory reported. All work has been conducted at a reconnaissance level of confidence only. Any reference to resource parameters reported are indicative data only. A JORC compliant maiden resource is yet to be issued.
Site visits	<ul style="list-style-type: none"> <i>Comment on any site visits undertaken by the Competent Person and the outcome of those visits.</i> <i>If no site visits have been undertaken indicate why this is the case.</i> 	<ul style="list-style-type: none"> Site visits have been undertaken on a regular basis to monitor exploration activities.
Geological interpretation	<ul style="list-style-type: none"> <i>Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.</i> <i>Nature of the data used and of any assumptions made.</i> <i>The effect, if any, of alternative interpretations on Mineral Resource estimation.</i> <i>The use of geology in guiding and controlling Mineral Resource estimation.</i> <i>The factors affecting continuity both of grade and geology.</i> 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Dimensions	<ul style="list-style-type: none"> <i>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</i> 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Estimation and modelling techniques	<ul style="list-style-type: none"> <i>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</i> <i>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</i> <i>The assumptions made regarding recovery of by-products.</i> <i>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</i> <i>In the case of block model interpolation,</i> 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p><i>the block size in relation to the average sample spacing and the search employed.</i></p> <ul style="list-style-type: none"> Any assumptions behind modelling of selective mining units. Any assumptions about correlation between variables. Description of how the geological interpretation was used to control the resource estimates. Discussion of basis for using or not using grade cutting or capping. The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available. 	
Moisture	<ul style="list-style-type: none"> Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Cut-off parameters	<ul style="list-style-type: none"> The basis of the adopted cut-off grade(s) or quality parameters applied. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Mining factors or assumptions	<ul style="list-style-type: none"> Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken No mining methods or mine plans have been reported or submitted
Metallurgical factors or assumptions	<ul style="list-style-type: none"> The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Environmental factors or assumptions	<ul style="list-style-type: none"> Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Bulk density	<ul style="list-style-type: none"> Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. Discuss assumptions for bulk density estimates used in the evaluation process of the different materials. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Classification	<ul style="list-style-type: none"> The basis for the classification of the Mineral Resources into varying confidence categories. Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data). Whether the result appropriately reflects the Competent Person's view of the deposit. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of Mineral Resource estimates. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken
Discussion of relative accuracy/confidence	<ul style="list-style-type: none"> Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate. The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available. 	<ul style="list-style-type: none"> Not applicable as no formal resource estimation has been undertaken

Section 4 Estimation and Reporting of Ore Reserves

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Mineral Resource estimate for conversion to Ore Reserves	<ul style="list-style-type: none"> Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve. Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves. 	<ul style="list-style-type: none"> No attempt at a code compliant Mineral Reserve has been reported as the data is at a reconnaissance level.
Site visits	<ul style="list-style-type: none"> Comment on any site visits undertaken 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p>by the Competent Person and the outcome of those visits.</p> <ul style="list-style-type: none"> If no site visits have been undertaken indicate why this is the case. 	undertaken
Study status	<ul style="list-style-type: none"> The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves. The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Cut-off parameters	<ul style="list-style-type: none"> The basis of the cut-off grade(s) or quality parameters applied. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Mining factors or assumptions	<ul style="list-style-type: none"> The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design). The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc. The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling. The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate). The mining dilution factors used. The mining recovery factors used. Any minimum mining widths used. The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion. The infrastructure requirements of the selected mining methods. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Metallurgical factors or assumptions	<ul style="list-style-type: none"> The metallurgical process proposed and the appropriateness of that process to the style of mineralisation. Whether the metallurgical process is well-tested technology or novel in nature. The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied. Any assumptions or allowances made for deleterious elements. The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole. For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications? 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Environmental	<ul style="list-style-type: none"> The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Infrastructure	<ul style="list-style-type: none"> The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Costs	<ul style="list-style-type: none"> The derivation of, or assumptions made, regarding projected capital costs in the study. The methodology used to estimate operating costs. Allowances made for the content of deleterious elements. The source of exchange rates used in the study. Derivation of transportation charges. The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc. The allowances made for royalties payable, both Government and private. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Revenue factors	<ul style="list-style-type: none"> The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc. The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Market assessment	<ul style="list-style-type: none"> The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future. A customer and competitor analysis along with the identification of likely market windows for the product. Price and volume forecasts and the basis for these forecasts. For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Economic	<ul style="list-style-type: none"> The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc. NPV ranges and sensitivity to variations in the significant assumptions and inputs. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Social	<ul style="list-style-type: none"> The status of agreements with key stakeholders and matters leading to social licence to operate. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Other	<ul style="list-style-type: none"> To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves: 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<ul style="list-style-type: none"> Any identified material naturally occurring risks. The status of material legal agreements and marketing arrangements. The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent. 	
Classification	<ul style="list-style-type: none"> The basis for the classification of the Ore Reserves into varying confidence categories. Whether the result appropriately reflects the Competent Person's view of the deposit. The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any). 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Audits reviews	<ul style="list-style-type: none"> The results of any audits or reviews of Ore Reserve estimates. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken
Discussion of relative accuracy/confidence	<ul style="list-style-type: none"> Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate. The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage. It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available. 	<ul style="list-style-type: none"> Not applicable as no formal reserve estimation has been undertaken

Section 5 Estimation and Reporting of Diamonds and Other Gemstones

(Criteria listed in other relevant sections also apply to this section. Additional guidelines are available in the 'Guidelines for the Reporting of Diamond Exploration Results' issued by the

Diamond Exploration Best Practices Committee established by the Canadian Institute of Mining, Metallurgy and Petroleum.)

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
Indicator minerals	<ul style="list-style-type: none"> Reports of indicator minerals, such as chemically/physically distinctive garnet, ilmenite, chrome spinel and chrome diopside, should be prepared by a suitably qualified laboratory. 	<ul style="list-style-type: none"> Kimberlite Indicator Minerals (KIMs) have been reported. KIMs predominantly comprise kimberlitic ilmenites and chromites, with kimberlitic magnesian (picro-) ilmenite dominating the recoveries (90%). KIMs recovered at + and -2mm sieve in the field. KIMs stored at site for eventual laboratory analysis in Perth, W.A.
Source of diamonds	<ul style="list-style-type: none"> Details of the form, shape, size and colour of the diamonds and the nature of the source of diamonds (primary or secondary) including the rock type and geological environment. 	<ul style="list-style-type: none"> The ELs contains a portion of the medial reach of the diamondiferous Sewa River. The diamonds contained in secondary or alluvial deposits adjacent and inland of, the Sewa River banks, are long thought to be derived from the weathering and erosion of primary ore bodies in its catchment area to the north, which straddles the known primary or kimberlite occurrences in the Kono District (Koidu and Tongo pipe and dykes clusters of Jurassic age [c.143-146 Ma]). Mass balance problems (c.50M carats recovered to date in the alluvials), coupled with anomalously large average stone sizes than at the supposed source, seem to refute this theory and point to a more localised source for the Sewa alluvial diamonds. Widespread colluvial/eluvial deposits derived from down-wasted (Late-Cretaceous?) primary kimberlite sources appear to be the main secondary (i.e. alluvial) host. Distribution of gravels by hill-slope and sheetwash processes probably account for the extensive laterally developed surface residual gravels, comprised predominantly of a locally derived lateritic clast assemblage. Inherited fluvial clasts (high-rounding; high-sphericity) are uncommon, except where alluvials are proximal to the Modern river or form palaeo deposits relating the ancestral river. An endorheic component seems apparent for many of these diamondiferous drainages, thereby promoting the view that the diamonds are sourced locally or from near-source deposits.
Sample collection	<ul style="list-style-type: none"> Type of sample, whether outcrop, boulders, drill core, reverse circulation drill cuttings, gravel, stream sediment or soil, and purpose (eg large diameter drilling to establish stones per unit of volume or bulk samples to establish stone size distribution). Sample size, distribution and representivity. 	<ul style="list-style-type: none"> Bulk-samples have been stockpiled for treatment through 40 tph (ROM) DMS plant
Sample treatment	<ul style="list-style-type: none"> Type of facility, treatment rate, and accreditation. Sample size reduction. Bottom screen size, top screen size and re-crush. Processes (dense media separation, grease, X-ray, hand-sorting, etc). Process efficiency, tailings auditing and granulometry. Laboratory used, type of process for micro diamonds and accreditation. 	<ul style="list-style-type: none"> No bulk-samples have been processed.
Carat	<ul style="list-style-type: none"> One fifth (0.2) of a gram (often defined as a metric carat or MC). 	<ul style="list-style-type: none"> Reported as carats.
Sample grade	<ul style="list-style-type: none"> Sample grade in this section of Table 1 is used in the context of carats per units of mass, area or volume. The sample grade above the specified lower cut-off sieve size should be 	<ul style="list-style-type: none"> Sample grades are reported as carats per hundred tons or cpht. The use of carats per ton (cpt) are used where the grade permits i.e. the mineral tenor is high enough to warrant it.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p><i>reported as carats per dry metric tonne and/or carats per 100 dry metric tonnes. For alluvial deposits, sample grades quoted in carats per square metre or carats per cubic metre are acceptable if accompanied by a volume to weight basis for calculation.</i></p> <ul style="list-style-type: none"> <i>In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive sample grade (carats per tonne).</i> 	
Reporting of Exploration Results	<ul style="list-style-type: none"> <i>Complete set of sieve data using a standard progression of sieve sizes per facies. Bulk sampling results, global sample grade per facies. Spatial structure analysis and grade distribution. Stone size and number distribution. Sample head feed and tailings particle granulometry.</i> <i>Sample density determination.</i> <i>Per cent concentrate and undersize per sample.</i> <i>Sample grade with change in bottom cut-off screen size.</i> <i>Adjustments made to size distribution for sample plant performance and performance on a commercial scale.</i> <i>If appropriate or employed, geostatistical techniques applied to model stone size, distribution or frequency from size distribution of exploration diamond samples.</i> <i>The weight of diamonds may only be omitted from the report when the diamonds are considered too small to be of commercial significance. This lower cut-off size should be stated.</i> 	<ul style="list-style-type: none"> Insufficient diamond recoveries to date have warranted classification via sieve classes or the compilation of size frequency distribution (SFD) curves. An approximation of the gravel relative density at this stage of exploration has been estimated in the range 1.6 tonnes per cubic metre to 1.8 tonnes per cubic metre, where more consolidated. Bulking factors have been applied. Reporting of percent concentrate and undersize are considered irrelevant at this stage and level of reporting. Grade variations associated with changes in BSS have not been determined, but will be assessed once the DMS plant is fully commissioned. The size and frequency of sampling is considered to be geo-statistically representative for this level of reporting (low-level inferred). There has been no recovery of owner-operated diamonds to date that are of commercial significance or quantity.
Grade estimation for reporting Mineral Resources and Ore Reserves	<ul style="list-style-type: none"> <i>Description of the sample type and the spatial arrangement of drilling or sampling designed for grade estimation.</i> <i>The sample crush size and its relationship to that achievable in a commercial treatment plant.</i> <i>Total number of diamonds greater than the specified and reported lower cut-off sieve size.</i> <i>Total weight of diamonds greater than the specified and reported lower cut-off sieve size.</i> <i>The sample grade above the specified lower cut-off sieve size.</i> 	<ul style="list-style-type: none"> No Mineral Resources or Mineral Ore Reserves are included in this report
Value estimation	<ul style="list-style-type: none"> <i>Valuations should not be reported for samples of diamonds processed using total liberation method, which is commonly used for processing exploration samples.</i> <i>To the extent that such information is not deemed commercially sensitive, Public Reports should include:</i> <ul style="list-style-type: none"> <i>diamonds quantities by appropriate screen size per facies or depth.</i> <i>details of parcel valued.</i> <i>number of stones, carats, lower size cut-off per facies or depth.</i> <i>The average \$/carat and \$/tonne value at the selected bottom cut-off should be reported in US Dollars. The value per</i> 	<ul style="list-style-type: none"> No carat value estimates for the diamonds, or diamond footprinting determinations (e.g. diamond types, quality, size frequency distribution [SFD]) that are repeatable in nature, have been included in this report. Historic reports that refer to the commercial disposal of diamonds from the Sewa River, outlining \$/carat, average stone size and quality are available in the public domain.

Criteria	JORC Code explanation	Allotropes Diamonds Commentary
	<p><i>carat is of critical importance in demonstrating project value.</i></p> <ul style="list-style-type: none"> • <i>The basis for the price (eg dealer buying price, dealer selling price, etc).</i> • <i>An assessment of diamond breakage.</i> 	
Security and integrity	<ul style="list-style-type: none"> • <i>Accredited process audit.</i> • <i>Whether samples were sealed after excavation.</i> • <i>Valuer location, escort, delivery, cleaning losses, reconciliation with recorded sample carats and number of stones.</i> • <i>Core samples washed prior to treatment for micro diamonds.</i> • <i>Audit samples treated at alternative facility.</i> • <i>Results of tailings checks.</i> • <i>Recovery of tracer monitors used in sampling and treatment.</i> • <i>Geophysical (logged) density and particle density.</i> • <i>Cross validation of sample weights, wet and dry, with hole volume and density, moisture factor.</i> 	<ul style="list-style-type: none"> • Not applicable as no formal reserve estimation has been undertaken
Classification	<ul style="list-style-type: none"> • <i>In addition to general requirements to assess volume and density there is a need to relate stone frequency (stones per cubic metre or tonne) to stone size (carats per stone) to derive grade (carats per tonne). The elements of uncertainty in these estimates should be considered, and classification developed accordingly.</i> 	<ul style="list-style-type: none"> • To date, there has been insufficient recovery of diamonds by Newfield to assess stone frequency, size or continuity of grades over the ELs area at any high level of confidence. • In terms of resource classification criteria, low Inferred levels of confidence would be applicable for localised areas at the level of sampling conducted to date.

Schedule of Tenements as at 31 December 2015

Project	Tenement Number	Tenement Name	Registered Holder(s)	Newfield's Interest
<u>Western Australia</u>				
Newfield	M77/0422	Newfield	Newfield Resources Limited	100%
	M77/0846	Woongaring Hills	Newfield Resources Limited	100%
	P77/3679	Newfield	Newfield Resources Limited	100%
Newfield Extended	E77/1394 ¹	Newfield Extended	Wheatbelt Holdings Pty Ltd	-
Crest Yard	P16/2722	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2723	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2724	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2725	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2726	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2727	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2728	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2729	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2730	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2731	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2733	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2734	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2735	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
	P16/2736	Doyle Dam	Newfield Resources Limited Crest Metals Pty Ltd	70%
<u>Sierra Leone</u>				
Baoma	EL15/2012	Baoma	Allotropes Diamond Company Ltd	100%
Lake Popei	EL11/2014	Lake Popei	Allotropes Diamond Company Ltd	100%
Sumboya	EL12/2014	Sumboya	Allotropes Diamond Company Ltd	100%
Hima	EL19/2014	Hima	Allotropes Diamond Company Ltd	100%
Jomu	EL20/2014	Jomu	Allotropes Diamond Company Ltd	100%
Golu	APL-I-740 ²	Golu	Allotropes Mining Company Ltd	100%

Notes in relation to the Schedule of Tenements:

1. Newfield Resources Limited has entered into a farm-in agreement with the vendors to earn up to 80% interest in these tenements.
2. The mining licence number is yet to be issued by National Mineral Agency of Sierra Leone.

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/2013

Name of entity

Newfield Resources Limited

ABN

98 153 219 848

Quarter ended ("current quarter")

31 December 2015

Consolidated statement of cash flows

Cash flows related to operating activities		Current quarter \$A'000	Year to date (6 months) \$A'000
1.1	Receipts from product sales and related debtors	-	-
1.2	Payments for (a) exploration and evaluation	(2,300)	(3,837)
	(b) development	(51)	(220)
	(c) production	(237)	(243)
	(d) administration and corporate overheads	(358)	(869)
1.3	Dividends received	-	-
1.4	Interest and other items of a similar nature received	7	10
1.5	Interest and other costs of finance paid	-	(1)
1.6	Income taxes paid	-	-
1.7	Other	-	-
Net Operating Cash Flows		(2,939)	(5,160)
Cash flows related to investing activities			
1.8	Payment for purchases of: (a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	(335)	(346)
1.9	Proceeds from sale of: (a) prospects	-	-
	(b) equity investments	-	-
	(c) other fixed assets	-	-
1.10	Loans to other entities	-	-
1.11	Loans repaid by other entities	-	-
1.12	Other	-	-
Net investing cash flows		(335)	(346)
1.13	Total operating and investing cash flows (carried forward)	(3,274)	(5,506)

+ See chapter 19 for defined terms.

Appendix 5B**Mining exploration entity and oil and gas exploration entity quarterly report**

1.13	Total operating and investing cash flows (brought forward)	(3,274)	(5,506)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	9,693	9,693
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from borrowings	-	-
1.17	Repayment of borrowings	(16)	(38)
1.18	Dividends paid	-	-
1.19	Other	-	-
	Net financing cash flows	9,677	9,655
	Net increase (decrease) in cash held	6,403	4,149
1.20	Cash at beginning of quarter/year to date	143	2,426
1.21	Exchange rate adjustments to item 1.20	79	50
1.22	Cash at end of quarter	6,625	6,625

Payments to directors of the entity, associates of the directors, related entities of the entity and associates of the related entities

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	(175)
1.24	Aggregate amount of loans to the parties included in item 1.10	-
1.25	Explanation necessary for an understanding of the transactions	
	Directors' remuneration	(160)
	Professional services	(15)

Non-cash financing and investing activities

- 2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

N/A

- 2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

N/A

Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities	-	-
3.2	Credit standby arrangements	-	-

Estimated cash outflows for next quarter

		\$A'000
4.1	Exploration and evaluation	(3,000)
4.2	Development	-
4.3	Production	(800)
4.4	Administration	(200)
	Total	(4,000)

Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.		Current quarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	2,375	143
5.2	Deposits at call	4,250	-
5.3	Bank overdraft	-	-
5.4	Other	-	-
	Total: cash at end of quarter (item 1.22)	6,625	143

Changes in interests in mining tenements and petroleum tenements

	Tenement reference and location	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1	Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed	-	-	-
6.2	Interests in mining tenements and petroleum tenements acquired or increased	-	-	-

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

	Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1 Preference securities (description)	-	-		
7.2 Changes during quarter: (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions	-	-		
7.3 +Ordinary securities	196,583,335	196,583,335		
7.4 Changes during quarter: (a) Increases through issues (b) Decreases through returns of capital, buy-backs	12,500,000 -	12,500,000 -	80	80
7.5 +Convertible debt securities (description)	-	-		
7.6 Changes during quarter: (a) Increases through issues (b) Decreases through securities matured, converted	-	-		
7.7 Options (description and conversion factor)	29,000,000 10,000,000	- -	Exercise price \$0.30 \$0.30	Expiry date 15 June 2016 15 June 2017
7.8 Issued during quarter	-	-		
7.9 Exercised during quarter	-	-		
7.10 Expired during quarter	-	-		
7.11 Debentures (totals only)	-	-		
7.12 Unsecured notes (totals only)	-	-		

+ See chapter 19 for defined terms.

Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 5).
- 2 This statement does give a true and fair view of the matters disclosed.

Sign here:

Date: **29 January 2016**

(Company Secretary)

Print name:

Kim Hogg

Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements and petroleum tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement or petroleum tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities:** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Financial Reporting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

+ See chapter 19 for defined terms.