

## RNI CONFIRMS VMS POTENTIAL AT CASHMANS PROJECT

*Regionally Significant Base Metal-Gold Target Established*

### HIGHLIGHTS

- Cashmans Project established as a 20km regionally-significant base metal-gold target hosting a series of well-defined priority targets
- The size of the potential Volcanogenic Massive Sulphide (VMS) target at the Orient Prospect at Cashmans has been extended through mapping and sampling of a highly-anomalous mineralised horizon
- Gossan samples from the Orient Prospect have returned significant VMS-related results of up to **7.2% copper, 1.3g/t gold, 0.33% zinc, 0.43% lead, 4g/t silver, 22.8ppm tellurium and 70ppm bismuth**
- Reverse circulation drilling and associated down hole electromagnetic surveys have confirmed the presence of stringer copper sulphides on at least two horizons at Orient.

**Resource and Investment NL** (ASX: **RNI**) is pleased to provide an exploration update from the Cashmans Project area (Figure 1), which is part of the Company's Grosvenor gold and base metals project in Western Australia's Bryah Basin.

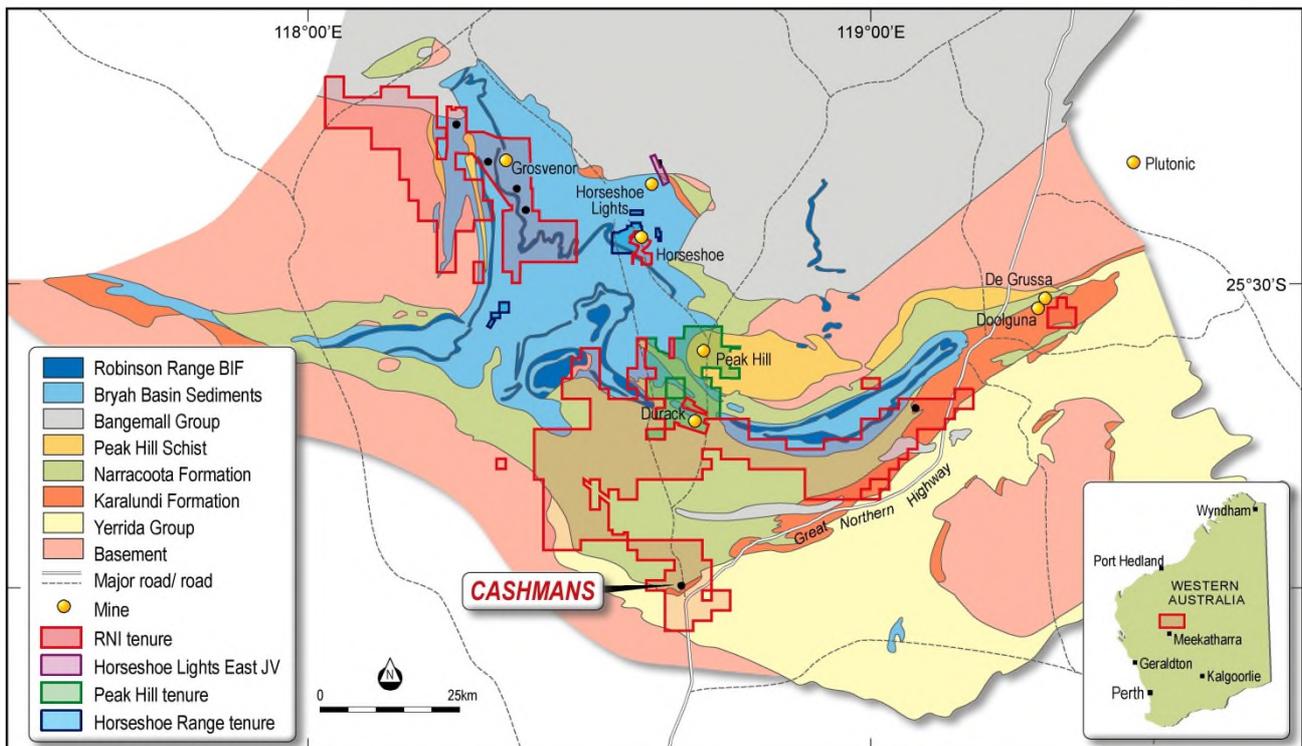


Figure 1: Cashmans Project location and regional geology within the Grosvenor gold and base metals project

The Cashmans Project area covers an approximate 20km strike length of a high-priority exploration target along the prospective southern margin of the Bryah Basin (Figure 2). This position has been identified in regional targeting evaluations to have the stratigraphic and structural components that are conducive to the formation of large-scale, high-value base metal deposits.

Although only limited consolidated exploration has been completed across the target zone, a series of highly-prospective initial targets have been identified at Cashmans. These targets include the **Orient, Newport, Left Bank and Clancy's** prospects (Figure 2).

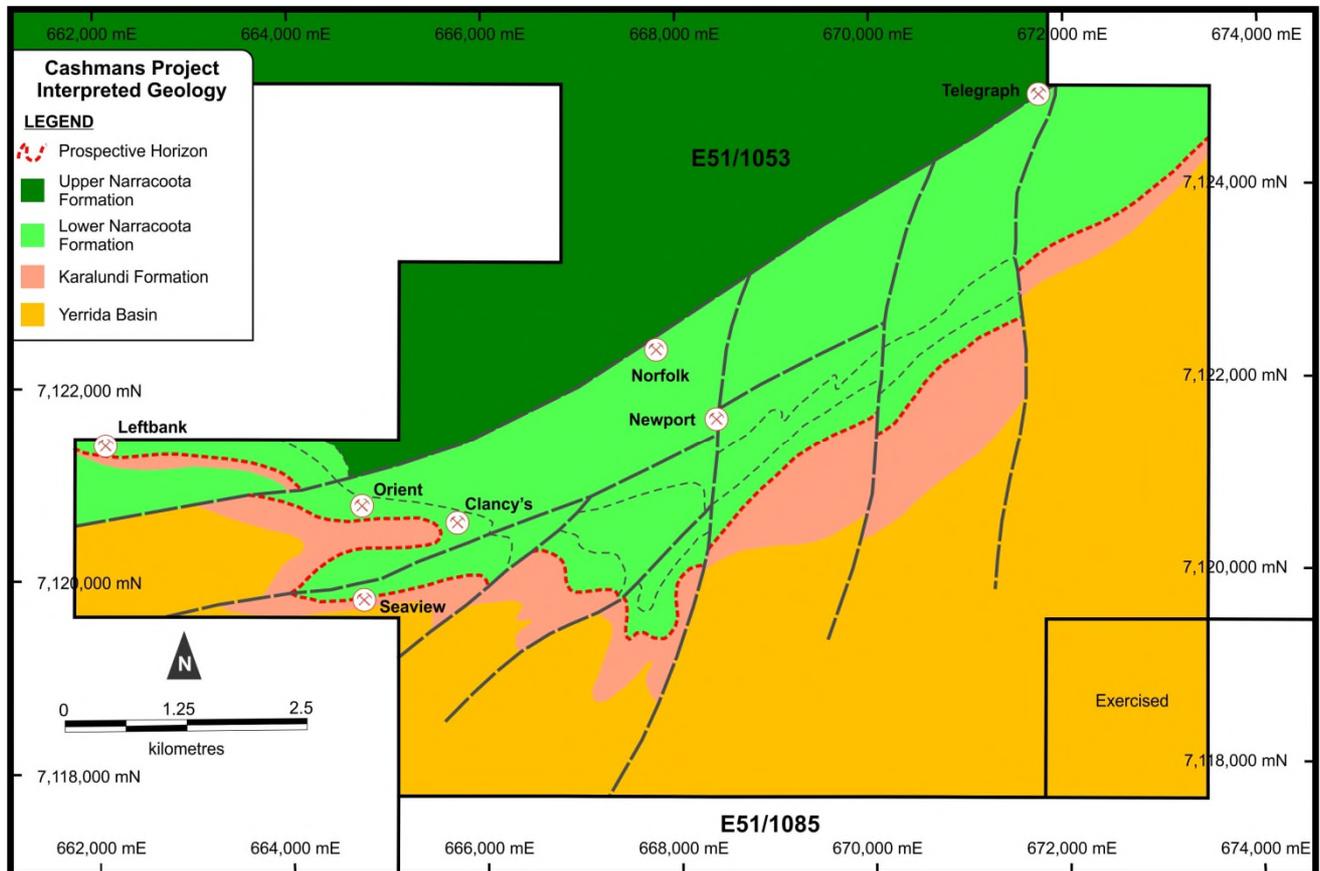


Figure 2: Cashmans Project interpreted regional geology and prospect locations

## ORIENT PROSPECT

Ongoing evaluation of the Orient Prospect, including mapping and rock chip sampling, has extended the prospective mineralised horizon over a strike length of at least 600 metres. The mineralised horizon remains open (Figure 3).

Rock chip samples of outcropping gossanous material included the following new results (Table 1):

- **7.2% copper, 1.30g/t gold, 0.33% zinc, 0.43% lead, 4.0g/t silver, 22.8ppm tellurium and 70.0ppm bismuth**
- **0.4% copper, 1.98g/t gold, 0.14% zinc, 0.21% lead, 1.5g/t silver, 13.8ppm tellurium and 83.9ppm bismuth**

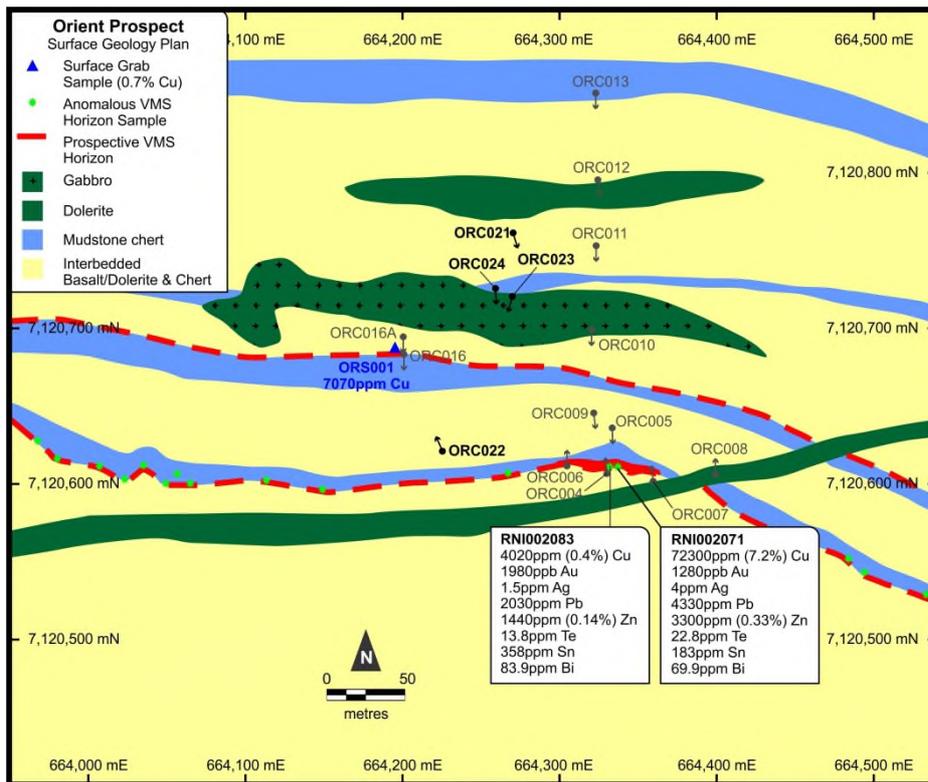


Figure 3: Orient Prospect interpreted geology plan

These results clearly demonstrate the VMS affinities of the gossan at Orient and highlight the potential for an extensive mineralised system along the strike and down-dip of this position.

As announced to the ASX on 30 July 2013, RNI targeted this defined mineralised horizon with a program of reverse circulation (RC) percussion drilling and associated downhole electromagnetic surveys (DHEM). This resulted in the identification of two partially-defined modelled off-hole conductors down-dip of a large gossanous zone (Figure 4).

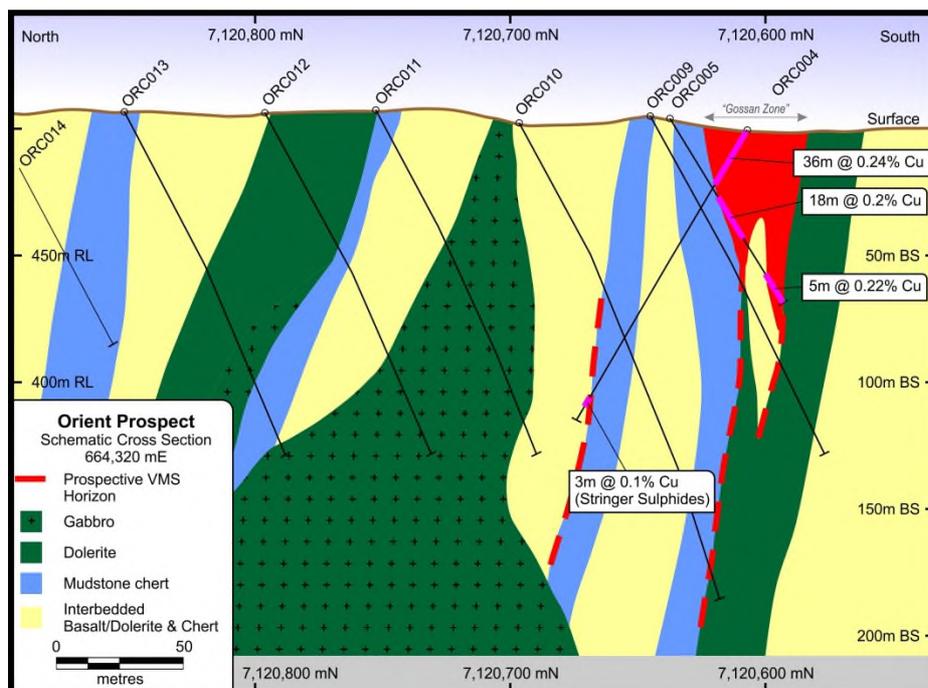


Figure 4: Orient Prospect - cross section 664,320E

These results provided encouragement that a stringer zone of mineralisation may have been identified that would provide both a geological and geophysical vector towards a larger accumulation of sulphides.

The most recent program of drilling (4 holes for 738m) was undertaken to target these partially-defined off-hole conductors and to provide a platform for full down-hole geophysical surveys. Key results (Table 2) of this drilling include:

- The intersection of a zone of stringer and disseminated copper sulphides (pyrite-chalcopyrite) which returned results of 1m @ 0.4% Cu (ORC022) in a position that approximates to the modelled position of the original conductor (Figure 5)
- The sulphides are located on, or close to, an interpreted sediment-mafic volcanic contact that has been intruded by a dolerite intrusion (Figure 3). This position is in the hanging wall of the original target horizon and represents a new, distinctly separate target
- The mineralised intercept is located down-dip of rock chip samples that have returned assay values of more than 1% Cu (Table 2)
- DHEM surveys (that have an effective search radius of ~50m) have confirmed the stringer zone but at this point in time have not generated additional targets in the immediate vicinity
- The combination of geological mapping and geochemical sampling with the magnetic and gravity data indicates that the targeted horizon is potentially part of a regionally extensive horizon of up to ~20 strike km. The structural complexity of the data most likely reflects fundamental basin margin structural controls that are critical in the formation of this style or styles of base metal deposits.

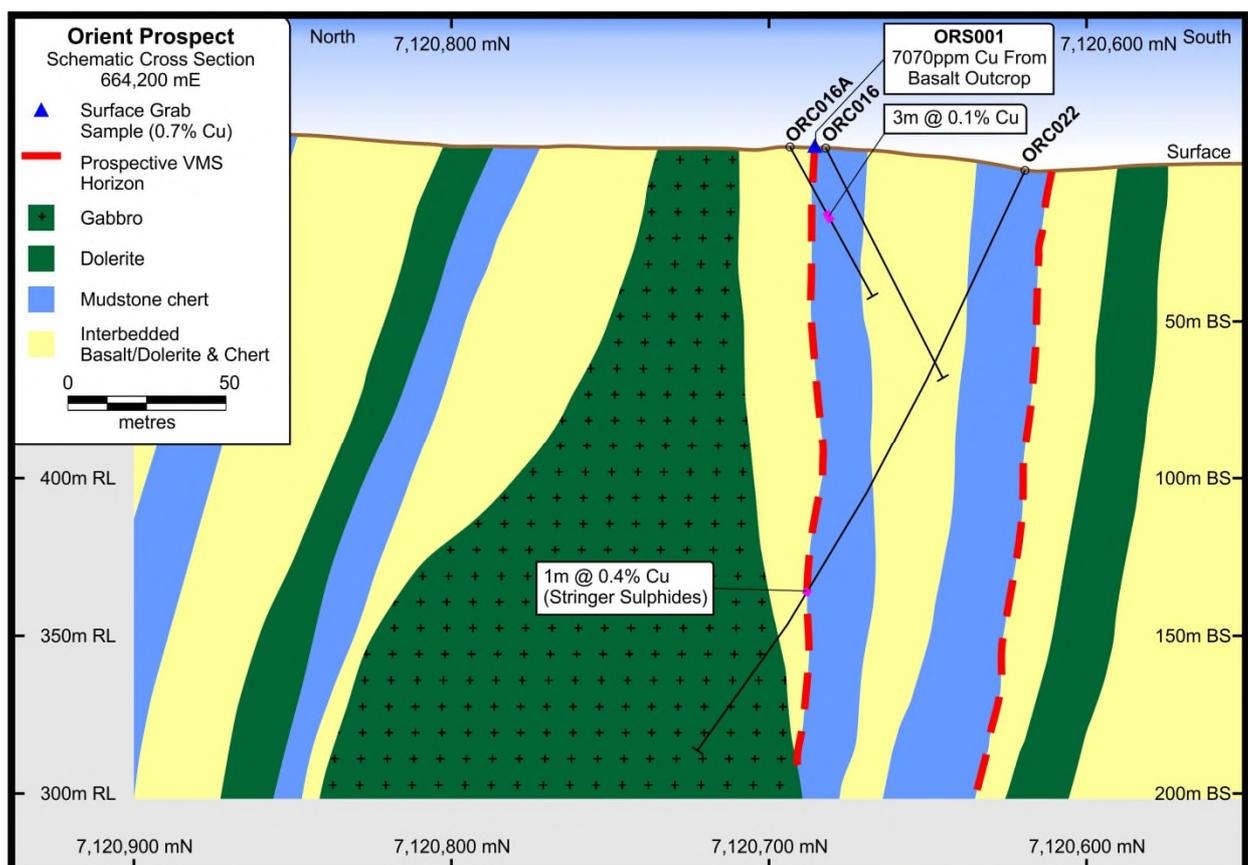


Figure 5: Orient Prospect - cross section 664,200E

The interpretation of the results highlights the Orient Prospect as part of what is considered to be a regionally significant mineralised trend. The results of the drilling and the DHEM have confirmed the presence of stringer and disseminated copper sulphides (now on two horizons) that are providing a vector (pathfinder) towards a larger mineralised system.

The focus of exploration will now be on collecting data that will identify geological, geochemical and geophysical vectors that will provide targets for the next phase of drilling.

## NEWPORT PROSPECT

The Newport Prospect lies to the east of Orient and has been defined by the presence of a strong gold geochemical anomaly that is coincident with a second order Versatile Time Domain Electromagnetic (VTEM) survey target along a major cross cutting fault zone (Figure 3).

Recent exploration has been limited to a trial fixed-loop electromagnetic survey to determine the viability of this application. The results indicate that penetration is limited and is unlikely to push past 100m depth.

Newport is still considered a high-priority geochemical gold-base metals exploration target and will be further developed to a drill-ready status.

## LEFT BANK AND CLANCY'S PROSPECTS

As part of an ongoing data evaluation and targeting process, a number of second-order VTEM targets were identified which required ground-based electromagnetic survey trials to define and upgrade them. Similar to Newport, the results suggest that the technique is unlikely to penetrate beyond 100m depth.

The Left Bank and Clancy's Prospects remain high-priority exploration targets based on geochemical, magnetic and geological data.

## FUTURE EXPLORATION ACTIVITIES

The Cashmans Project is considered to be a regionally significant base metal-gold target. The limited exploration activities to date have highlighted a key stratigraphic and structural setting that is conducive to the formation of large-scale, high-value base metal deposits.

As such, the next phase of exploration will focus on providing quality regional datasets, including airborne magnetics, detailed gravity, comprehensive geochemical sampling coverage and targeted mapping and rock chip sampling along the key identified stratigraphic horizons to allow for targeted assessment by drilling.

**Table 1 – Orient Prospect Rock Chip Sampling Results**

Sample No	Northing	Easting	Cu%	Zn%	Pb%	Au g/t	Ag g/t	Te (ppm)	Sn (ppm)	Bi (ppm)
RNI002071	7120612	664331	7.2	0.33	0.43	1.3	4.0	22.8	183	69.9
RNI002083	7120610	664331	0.40	0.14	0.21	0.015	1.98	13.8	358	83.9

Table 2 – Summary of Drilling Program and Reported Results

Hole No	Northing	Easting	Dip	Azimuth	From	To	Interval	Cu%	Zn%	Pb (ppm)	Au (ppb)
ORC004*	7120606	664330	-60	0	0	36	36	0.24	0.15	269.92	72.50
					129	132	3	0.10	0.01	---	---
ORC005*	7120632	664334	-60	180	12	30	18	0.20	0.11	318.33	13.78
					72	77	5	0.22	0.02	996.00	6.50
ORC016a	7120694	664201	-60	180	18	27	9	0.07	---	9.00	4.56
ORC021	7120760	664270	-60	160	44	48	4	0.04	---	3.00	2.00
ORC022	7120620	664225	-65	340	153	154	1	0.40	0.06	2.00	26.00
ORC024	7120725	664260	-70	180	108	120	12	0.13	---	1.17	6.33

(\* Note: Results for ORC004 and ORC005 having previously been reported)

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#### Competent Person's Statement

The information in this ASX release that relates to **Exploration Results, Mineral Resources and Geometallurgy** is based on information compiled by Mr Albert Thamm, who is a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy. Mr Thamm is Director of Resource and Investment NL and has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting of Mineral Resources and Ore Reserves. Mr Thamm consents to the inclusion in the release dated 10 October 2013 on the matters based on information in the form and context in which it appears.

#### Forward-Looking Statements

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Table 3: JORC 2012 Technical disclosure – Exploration

Item	JORC Code Commentary	RNI Commentary
Sampling techniques	Nature and quality of sampling (e.g. cut channels, random chips etc.) and measures taken to ensure sample representivity.	RC chips, from 1-3m reverse circulation drilling, 1kg subsamples, 40-50g charges for fire assay and other assay methods. TerraSpec™ alteration (mineral) mapping taken on each and every 1m interval. Innovex and Niton multi-element handheld XRF every one metre. Representivity demonstrated by repeat sample and reference sample assay. Repeat, random re-assay and reference standard re-assay. Hand samples 500-1000g for rock chip sampling.
Drilling Techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka etc.) and details (egg. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, etc.). Measures taken to maximise sample recovery and ensure representative nature of the samples.	RC, diamond trail below depths where ground water ingress compromises sample quality. A track mounted Schramm T450 coupled with a Sullair 1150/350 Auxiliary Compressor and a Hurricane 6T Booster 2400 CFM at 1000 psi RC is 5.5" diameter coring. Face sample hammer. Samples split into individual 1m, 1kg samples. ~25kg samples retained for reference and re-assay.
Drill sample recovery	Whether core and chip sample recoveries have been properly recorded and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. In particular 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.	Percentage and quality recorded. Individual assay runs check sampled. Field and lab duplicates and repeat triple assays from same 1kg sample for selected gold assayed. If 3m samples then riffle split and composited. 1kg sub-sample taken at cyclone from 25kg residue sample stored onsite for reference.
Logging	Whether core and chip samples have been 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.	Logged onto paper, integrated into Excel and Access and Dashed databases, with separate tables for duplicates, laboratory standards. Analysis of these using Geoaccess™. One metre sample intervals routinely electronically logged with multi-element XRF and routinely analysed for alteration mineralogy using Terraspec (TM) short wave infrared spectral analysis.
Sub-sampling	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. Whether sample sizes are appropriate to the grainsize of the material being sampled.	RC chips in 1m lots, i.e. non-core. RC riffled and split. Sampled dry, where practical. Selected 3m composites re-assayed for 1m originals if required. Where coarse gold suspected, triple assay with quartz wash between separate samples from original 1kg assay material. Fire assay of 40g sub-samples. Repeat re-assays of separate 40g -50g sub-samples. Sample size is industry standard for this type of drilling. Field duplicates insert into the sample stream, sub-sampled in same manner.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie. lack of bias) and precision have been established.	Assay at Bureau VERITAS (Canning Vale) Western Australia. Gold, platinum & palladium by fire assay (FA 40) 40 g charge. The sample(s) have been digested and refluxed with a mixture of acids including nitric, per chloric, hydrofluoric and hydrochloric acid. Ag, Pb, Mo, W, As, Te, Sb, Bi determined by Inductively Coupled Plasma (ICP) Mass Spectrometry. Cu, Zn, Ni, S determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes.	No twinned holes. Verification and grade analysis by external consultants (OmniGeox). In-field independent verification by consultant geologists from OmniGeox. No adjustments to assay data. Primary documentation paper, stored on site, assays both paper and electronic, overall data stored in DataShed database.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Quality and adequacy of topographic control.	Hand held GPS collar location. Downhole camera, every 50m for downhole survey. Data spacing and distribution at scout scale. Continuity at mapping and geology scale. Topo from company geophysical (gravity) survey.
Data density and distribution	Data density for reporting of exploration results. Whether the data density 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.	Irregular scout drilling on scout and prospect scale on geophysical, geochemical and mapping targets. Samples composited at times to 3m outside target mineralisation. Data aggregated on geology and sampling to either 1 or 3 m intervals.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sample bias, this should be assessed and reported if material.	Drilling planned at right angles to known strike and at best practical angle to intersect geophysical target at right angles.

Sample security	Measures undertaken to ensure sample security and integrity.	Sample bags tagged and logged, sealed in bulka bags, dispatch by third party contractor, in-company reconciliation with laboratory assay returns.
Audits and review	The results of any audits or reviews of sampling techniques and data.	Database compilation into Data-shed for data integrity. Program review by external consultants.
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. In particular 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.	E 51/1053 Exploration lease. Lease held 100% by Grosvenor Gold Pty Ltd
Exploration done by other parties	Acknowledgement and appraisal of exploration by other parties.	Drilled by RAB and RC, assayed gold only, various parties not limited to Eagle Gold, Gleneagle, Perilya, Homestake Australia and Dominion Mining. Multi-element lag sampling (Gleneagle). Multi-element soil sampling (Grosvenor Gold). Extensive WA DMP open file data.
Geology	Deposit type, geological setting and style of mineralisation.	Paleoproterozoic age base metal mineralisation. Structurally controlled and structurally remobilised. Weathered and eroded regolith with copper gossan development. regional VMS development. Base metal anomalous stratigraphy with Narracoota volcanic and meta-sedimentary equivalents.
Data aggregation methods	In reporting exploration results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually material and should be stated. 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.	Where triplicate assays for gold reported, average of these. All other assays are single, multi-element assays.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of exploration results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down-hole lengths are reported, there should be a clear statement to this effect (e.g. 'downhole length, true width not known').	All reported intersection lengths are down hole.
Diagrams	Where possible, maps and sections (with scales) and tabulations of intercepts should be included for any material discovery being reported if such diagrams significantly clarify the report.	Plans and sections included in commentary above
Balanced reporting	Where comprehensive reporting of all exploration results is not practicable, representative reporting of both low and high grades and/or widths should be practised to avoid misleading reporting of exploration results.	All significant gold and base metal grades reported.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples - size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	Routine mineral mapping using Terraspec™ SWIR technology. Local microgravity grid and topo and coverage. Local surface MLEM. selected downhole EM. Regional field mapping. regional aeromagnetic survey.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	Further mapping and RC drilling on base metal anomalous horizons. Diamond drilling below water table.