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NORTHERN MINERALS

# ASX Announcement

28 January 2026

## EXPLORATION RESULTS INC. NEW VULCAN PROSPECT AND PROGRESS ON TARGET GENERATION – BROWNS RANGE

### Highlights

- Northern Minerals successfully completed four field exploration programs during H1 FY26 across its broader Browns Range rare earths project area, across northern Western Australia.
- The four programs consisted of three drilling campaigns of 50 holes for 7,452.27 m and an Ultrafine fraction (UFF) soil geochemical program for 772 samples.
- Reverse circulation (RC) drilling consisted of 33 holes for 3,268 m. Assays for all 3,251 samples submitted have now been received.
- The RC Regional Tracks program intercepted broad zones of heavy rare earth elements (HREE) dominated mineralisation in two holes, defining a new target – the Vulcan prospect. Significant intercepts are:
  - **BRR0620: 8 m @ 0.22% total rare earth oxide (TREO) from 17 m to 25 m.**
  - **BRR0620: 23 m @ 0.65% TREO from 31 m to 54 m.**
  - **BRR0632: 2 m @ 0.22% TREO from 9 m to 11 m.**
  - **BRR0632: 29 m @ 0.53% TREO from 14 m to 43 m.**
- The RC Regional Tracks program targeted structural features defined by geophysical interpretations and lithologies with distinct magnetic signatures (intrusions).
  - HREE-dominated mineralisation was intercepted within the mafic andesite package, confirming this as a new lithological target.
  - Results support the revised interpretation of the Browns Range as a volcano-sedimentary arc sequence, first identified by the Dazzler EIS program[1].
  - The results also provide a technical basis for a range of new exploration targets, enhancing the discovery potential across the broader Browns Range project area.
- Northern Minerals completed 17 diamond drill (DD) holes totalling 4,184.27 m. To date, assays from 1,140 samples from 13 holes have been received.
- At the Rockslider prospect, assays from eight DD holes have been received. These results identified anomalous TREO intersections that have successfully confirmed target mineralisation, providing additional data for interpretation and follow-up drilling programs. Significant intercepts were:
  - **BRRSD0001: 4 m @ 0.19% TREO from 5 m to 9 m.**
  - **BRRSD0001: 29 m @ 0.30% TREO from 14 m to 43 m.**
  - **BRRSD0001: 10 m @ 0.18% TREO from 51 m to 61 m.**

[1] See NTU ASX announcement 15 May 2025.

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- At the Ripcord prospect and Dazzler deposit, assays from a nine-hole DD program have been received, validating the updated geological model that will be used in the potential Dazzler Mineral Resource estimate (MRE) update, which is planned for Q4 FY26. Ripcord is approximately 700 m north of Dazzler. Significant intercepts were:
  - **BRDD0016: 2.46 m @ 0.29% TREO from 124 m to 126.46 m.**
  - **BRDD0016: 3.55 m @ 0.21% TREO from 146.7 m to 150.25 m.**
- An Ultrafine fraction (UFF) soil sampling program of 772 samples has delivered yttrium geochemical anomalies that will be targeted for second-order follow-up work. The UFF technique is specifically designed for detection of sub-surface mineralisation, ideally suited to Browns Range where more than 80% of the tenure is under cover.
- The Regional Target Generation program has advanced several foundational, cutting-edge datasets and techniques used to construct a Minerals Systems Model for HREE mineralisation in the Browns Range. Results from the interpretation of the program are planned for release during H2 FY26.

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Australian heavy rare earths-focused company Northern Minerals Limited (**ASX: NTU**) (**Northern Minerals** or the **Company**) is pleased to announce positive results from the progressive and systematic exploration programs conducted during H1 FY26, proximal to the Company's 100%-owned Browns Range Heavy Rare Earths Project (**Browns Range** or **Project**), located in the East Kimberley region of Western Australia.

The Project lies 160 km south-east of Halls Creek in Western Australia and near the border to the Northern Territory. It encompasses a highly prospective region that includes the Browns Range Dome, a member of the Paleoproterozoic Grimwade intrusive suite. Spanning approximately 3,000 $km^2$ and home to the world-scale Wolverine heavy rare earths deposit – the flagship deposit at the Project – the Dome and surrounding margins are highly prospective for additional Heavy Rare Earth Elements (HREE) mineralisation.

Northern Minerals has focused primarily on advanced exploration of its 100%-owned tenements in Western Australia, which contain the Dazzler, Banshee, Area 5 and Cyclops deposits as well as the Polaris, Mystique and Rockslider prospects.

The outstanding exploration potential for HREE in the Browns Range is being advanced through a dual exploration approach as follows:

- **Exploration Results and Target Testing** from application of appropriate field techniques on high priority targets. These programs include soil sampling and diamond and reverse circulation drilling.
- **Regional Target Generation** through the development of a scaled mineral systems approach across the tenement portfolio, initially focused on the Browns Range Dome – Western Australia and Northern Territory.

**Commenting on the exploration results, Northern Minerals Managing Director and CEO Shane Hartwig said:**

*"The results from the RC Regional Tracks program have provided another exciting target, which we have defined as the new Vulcan prospect, and underscores the importance of our work to continue to explore the broader Browns Range project area. Follow-on exploration programs are in development to expand on this initial drilling success. Drilling at Rockslider identified encouraging HREE mineralisation that allows a clear exploration strategy to be executed.*



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*"For regional target generation, the strategic development of a mineral systems model for HREE mineralisation in the Browns Range is providing an improved understanding of the geological setting and related processes, prompting a review of known deposits and prospects for expansion potential. In addition, a mineral systems approach has identified new high priority target areas that previously have not been the focus of exploration but are now under evaluation for future exploration activities."*

## Exploration Results and Target Testing

Exploration results from field programs conducted during H1 FY26 fully support the new interpretation of the Browns Range as representing an evolving volcano-sedimentary arc sequence, first discussed in the Dazzler EIS drilling results.[2]

Defining this geological domain as a basinal arc sequence provides specific temporal and spatial vectors for targeting HREE mineralisation and is integral to the regional target generation initiative.

Field work programs completed during the period included:

- Reverse circulation (RC) drilling program: Regional Tracks
- Diamond drilling (DD) program: Rockslider
- DD program: Ripcord–Dazzler
- Ultrafine fraction (UFF) soil sampling

The location of the Browns Range deposits and prospects discussed in this release are shown in **Figure 1**.

[2] Refer ASX announcement 13 May 2025 – Exploration Incentive Scheme Drill Program results



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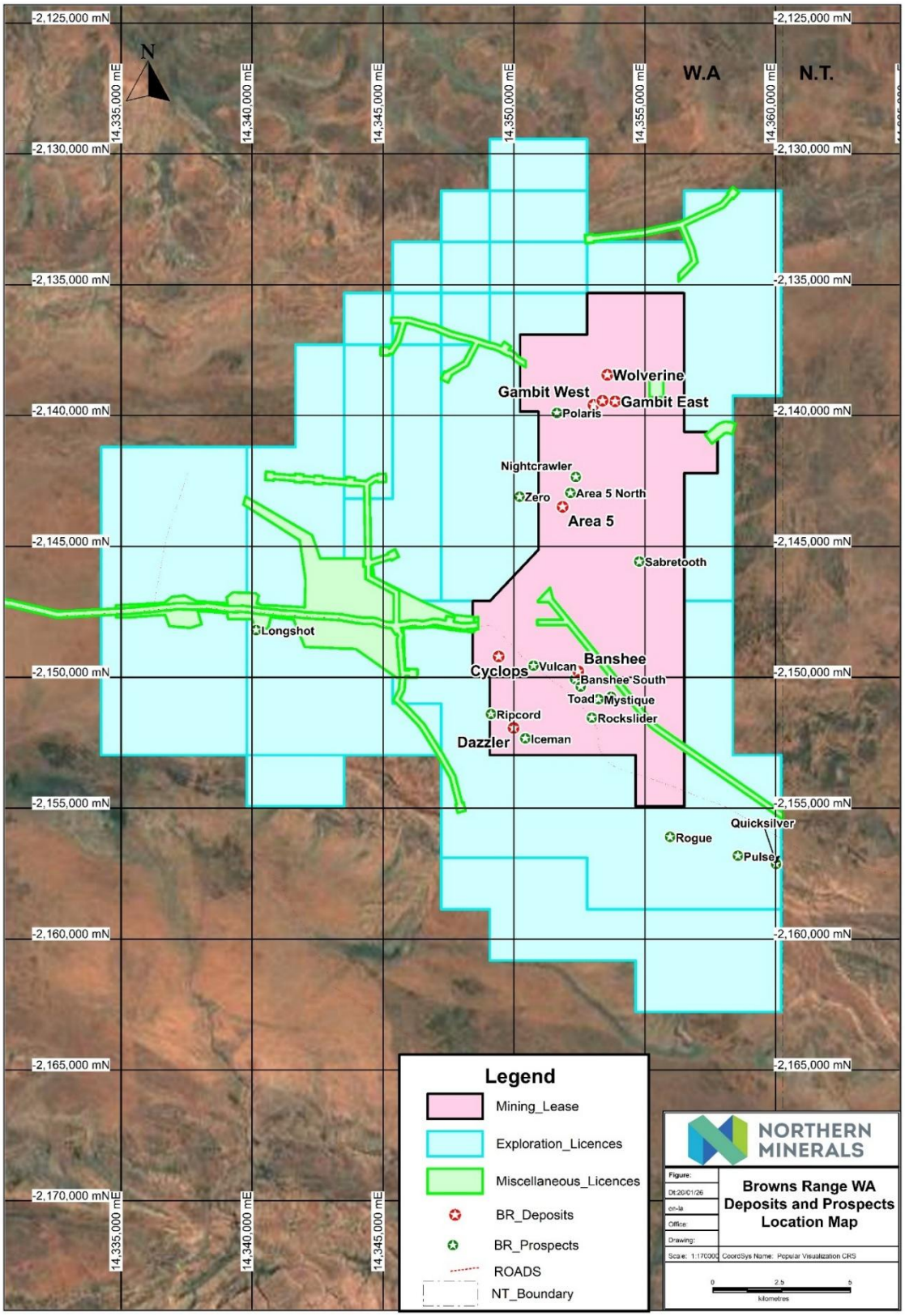


***Figure 1: Browns Range WA deposits and prospects location map***



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## RC Regional Tracks Program Results

The 33-hole RC Regional Tracks program, totaling 3,268 m, was designed to acquire geological data, including stratigraphic data across a broad section of the Browns Range Metamorphics located in the south of the Project area. This includes the highly prospective area between the Dazzler, Banshee and Cyclops deposits and the Rockslider prospect. The program design was restricted to existing access tracks with existing heritage clearance. Of the 33-hole RC Regional Tracks program, all 33 holes were logged for lithological data, 32 holes were sampled and submitted for laboratory analysis, with one hole, (BRR0012) abandoned due to unfavorable ground conditions.

Two scissor drill holes (BHID's BRR0620 and BRR0632) intercepted subsurface HREE mineralisation, defining an exciting new prospect named Vulcan. Mineralisation is hosted within brecciated andesites, suggesting a structural association and confirming andesites as a favourable host for mineralisation in addition to the overlying Browns Range sedimentary rocks.

Additionally, the mafic andesite unit first identified and modelled at Dazzler was intercepted by multiple holes of the RC Regional Tracks program and is a more extensive lithological unit than previously recognised. This is significant because the andesite and its internal and bounding lithological contacts represent viable exploration targets. **Table 1** shows the significant intercepts from the RC Tracks program. The program is illustrated in plan view by **Figure 2** and significant intercepts in cross-section by **Figure 3**.

***Table 1: Significant intercepts from RC Regional Tracks program assays results (≥2 m @0.15% TREO cut-off or equivalent, ≤2 m waste.)***

| Prospect | Hole ID | From | To | Interval | TREO (%) | Dy2O3 (ppm) | Tb4O7 (ppm) | Y2O3_ppm | MHREO:TREO |
|---|---|---|---|---|---|---|---|---|---|
| Vulcan | BRR0620 | 17 | 25 | 8 | 0.22 | 142.63 | 21.62 | 980.25 | 0.66 |
| | | 31 | 54 | 23 | 0.65 | 565.93 | 90.31 | 3884.17 | 0.88 |
| Vulcan | BRR0632 | 9 | 11 | 2 | 0.22 | 160.25 | 27.35 | 1128.5 | 0.78 |
| | | 14 | 43 | 29 | 0.53 | 416.93 | 67.6 | 3012.66 | 0.82 |

- *Notes:*
- *TREO = Total Rare Earth Oxides – La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
- *MHREO = Medium – Heavy Rare Earth Oxides – Total of Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
- *True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.*



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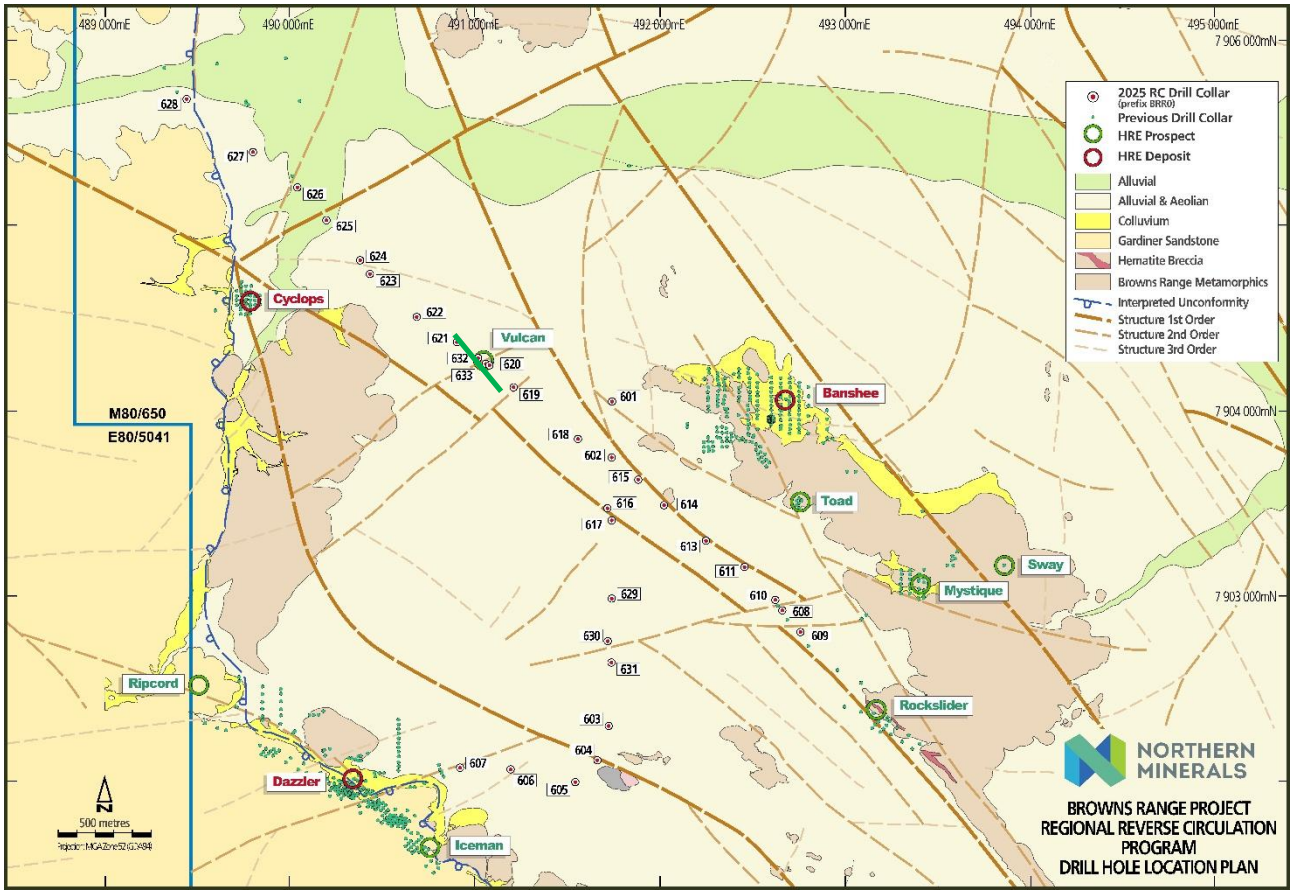


***Figure 2: Plan view of RC Tracks 2025 drill collar locations***

Green line illustrates the section of the Vulcan Prospect shown in Figure 3 below. True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.



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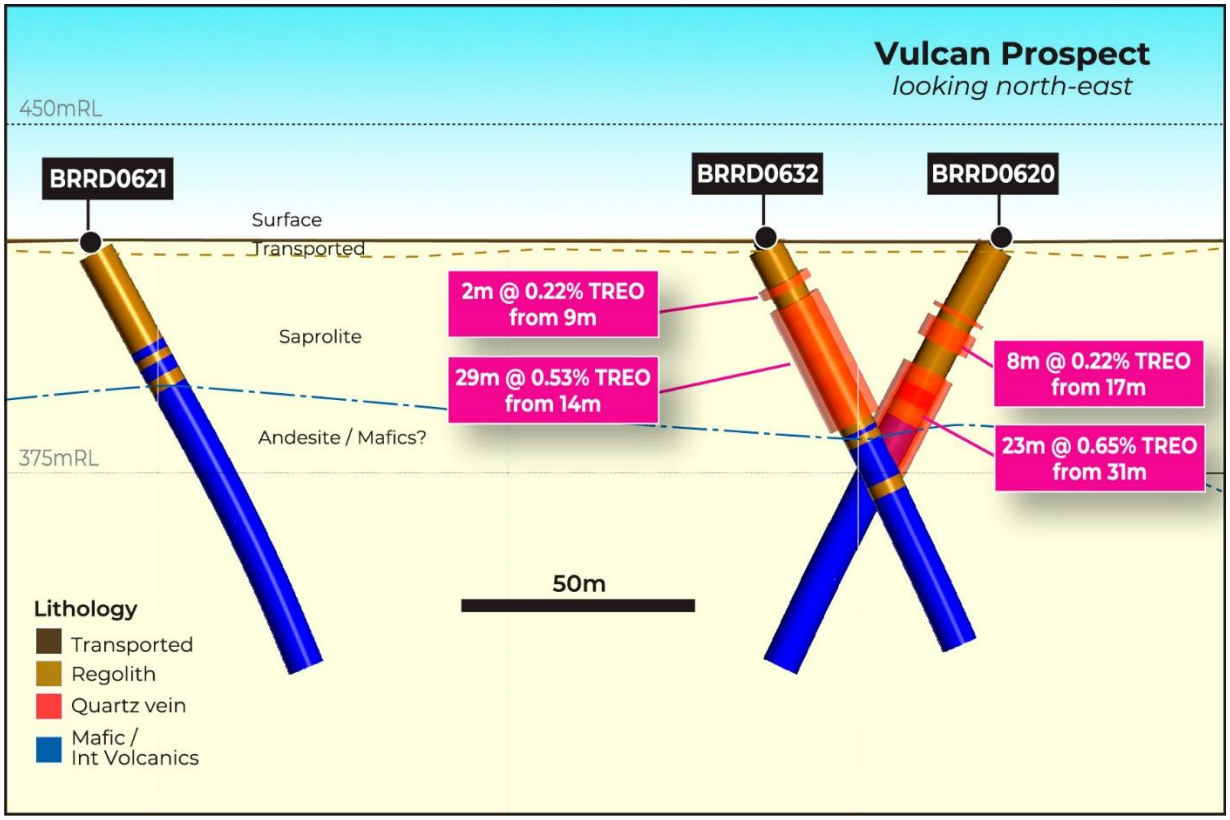


Note: BRR0633 not displayed on section as it dips directly north out of the section.

***Figure 3: Cross section facing north-east of the Vulcan prospect, identified from the results of the RC Regional Tracks drilling by lithology, with TREO ≥ 0.15% is illustrated as translucent orange halos around holes.***

True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.

## Diamond Drilling Rockslider Program Results

The Rockslider prospect is located approximately 1 km south of the Banshee deposit, 2.3 km north-east of the Dazzler deposit and 12 km from the Wolverine deposit. This prospect was identified from outcropping hematite breccia mapped along a ridge formed by a north north-west-striking structural corridor as well as follow-up soil and rock-chip geochemical analyses. The program was designed as a follow-on from the first-pass exploration RCD program completed during CY2021 [3] [4] and included the north-west extension of the structural corridor over approximately 700 m. A total of eight diamond holes were drilled for 1,798.24m, of which one hole intersected HREE mineralisation over an extensive downhole interval.

Preliminary observations of shallow andesites to the south-west of the structural corridor and Browns Range arkoses dominating to the north-east suggest south-west side-up movement along the structural corridor. Mineralisation at Rockslider is hosted within a quartz-hematite vein stockwork in andesite located within a broad, north-west-striking, regional structural corridor, which represents a compelling exploration target.

[3] Refer NTU ASX announcement 27 January 2022 - Quarterly Activities Report: December 2021
[4] Refer NTU ASX announcement 29 April 2022 - Quarterly Activities Report: March 2022



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**Table 2** details the significant intercepts for Rockslider whereas **Figure 4** illustrates the drill hole collar locations in plan view, with significant intercepts illustrated in section by **Figure 5**.

***Table 2: Significant intercepts from Rockslider DD assays results (≥2 m @0.15% TREO cut-off or equivalent, ≤2 m waste.)***

| Prospect | Hole ID | From | To | Interval | TREO (%) | Dy2O3 (ppm) | Tb4O7 (ppm) | Y2O3_ppm | MHREO:TREO |
|---|---|---|---|---|---|---|---|---|---|
| Rockslider | BRRSD0001 | 5 | 9 | 4 | 0.19 | 172.09 | 22.58 | 1163.82 | 0.93 |
| | | 14 | 43 | 29 | 0.3 | 296.46 | 40.53 | 1882.29 | 0.96 |
| | | 51 | 61 | 10 | 0.18 | 110.84 | 18.43 | 691 | 0.57 |

- *Notes:*
- *TREO = Total Rare Earth Oxides – La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
- *MHREO = Medium – Heavy Rare Earth Oxides – Total of Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
- *True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.*

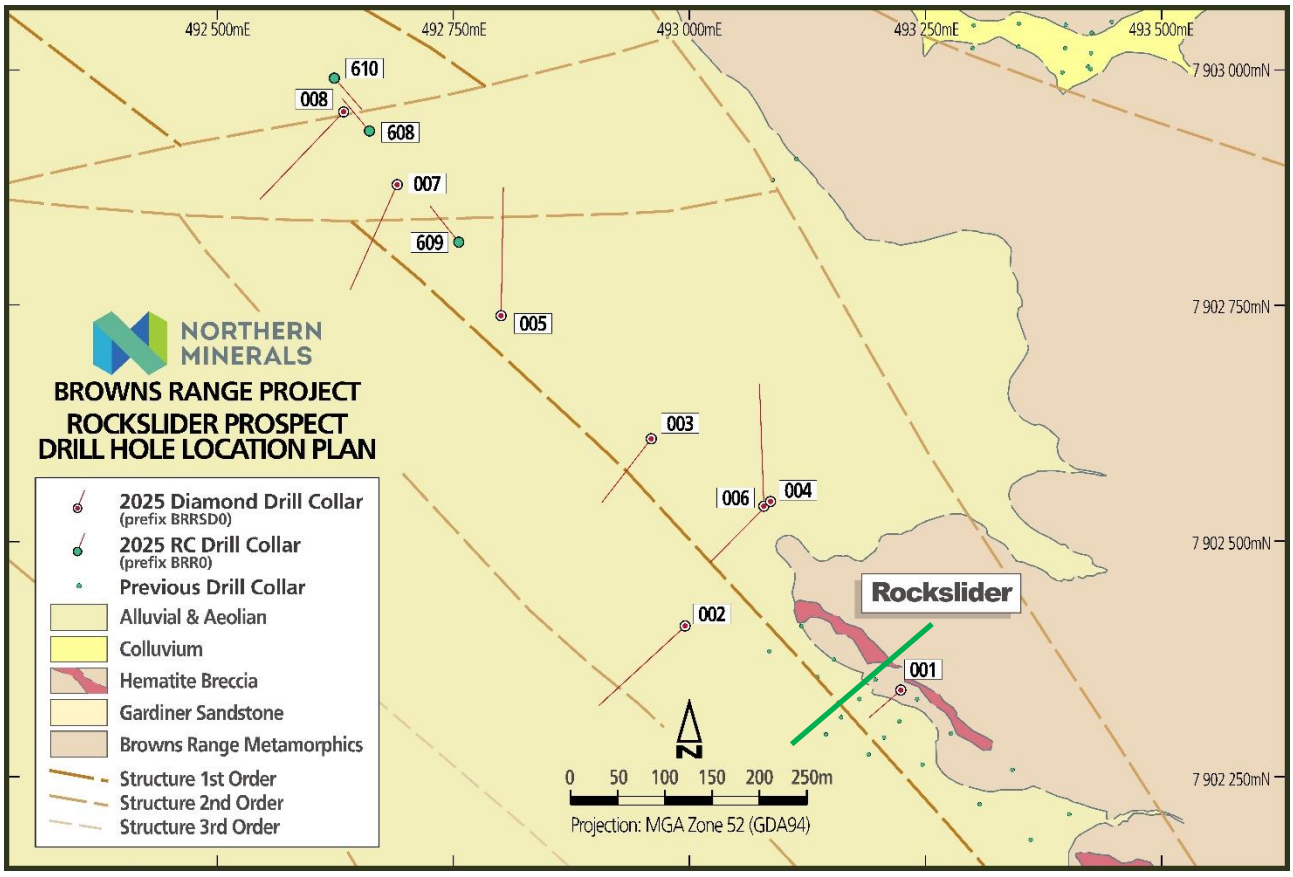


***Figure 4: Plan view of Rockslider 2025 DD collar locations.***
Green line illustrates the section of the Rockslider Prospect shown in Figure 5 below. True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.

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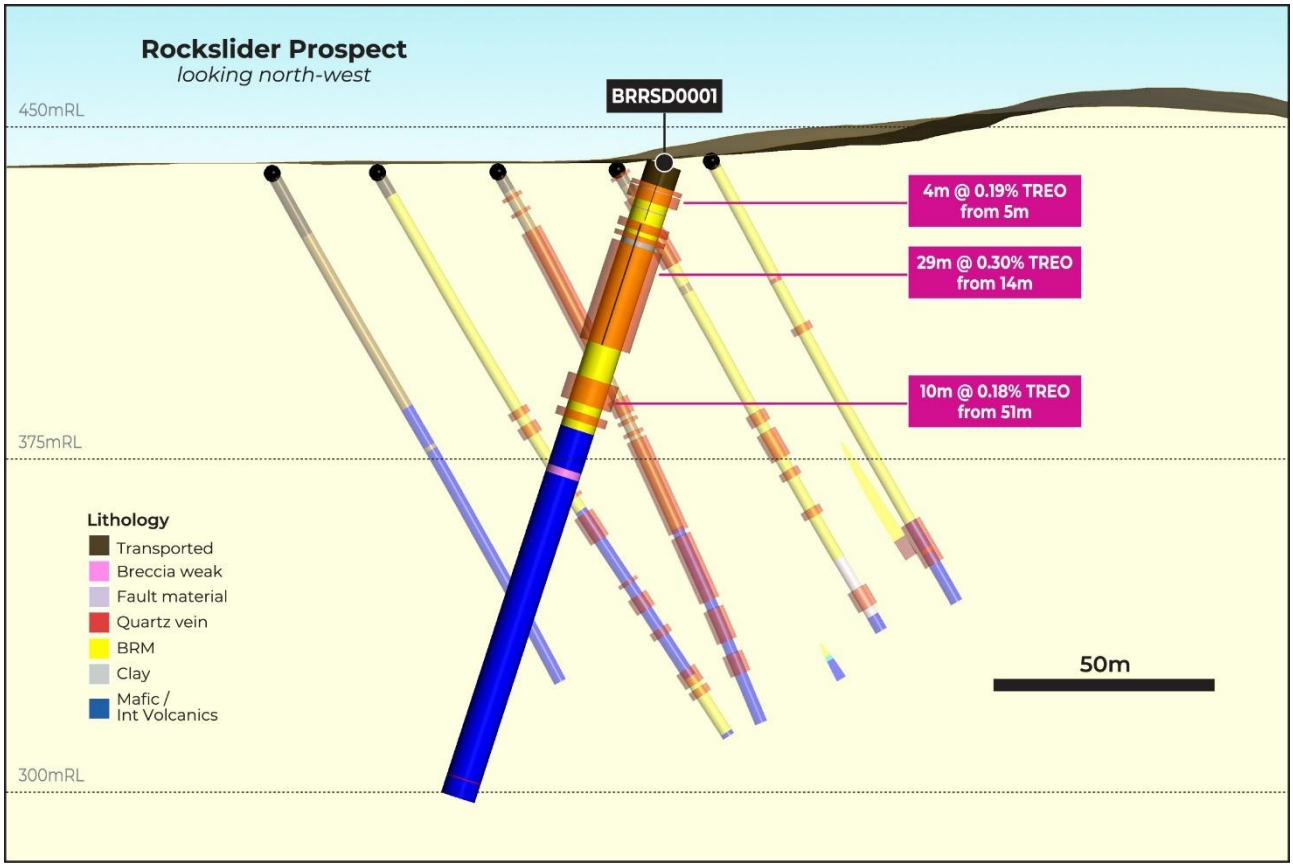


***Figure 5: Cross section facing north-west illustrating the Rockslider diamond drilling (thick) with previously drilled holes (thinner) by lithology. TREO ≥ 0.15% is illustrated as translucent orange halos around holes.***

## Diamond Drill Ripcord-Dazzler Program Results

Following on from the Dazzler EIS program completed in February 2025[5], an additional diamond drill program was designed to test approximately 700 m of strike length extending to the north-west of the Dazzler MRE[6]. The objectives of this program were to test for HREE mineralisation, firstly at the Ripcord prospect as an analogous structural setting to the Dazzler deposit. The second objective was to test for Dazzler-style mineralisation between Ripcord and Dazzler. This occurs along the north-west-striking, sub-cropping, unconformity between the Gardiner Sandstone and underlying Browns Range Metamorphics arkoses, where cut by local east north-east-striking basin-bounding faults.

The testing of Ripcord was completed under the Exploration Incentive Scheme (EIS) Round 31 co-funding arrangement with the Geological Survey of Western Australia (GSWA).

All holes intercepted the same mafic andesite unit identified beneath and lateral to the Dazzler MRE zone by the Dazzler EIS drilling program[7,4]. This regional drilling confirmed that the lithological contact between the mafic andesite and metasedimentary rock units represents an extensive HREE target in the Browns Range South Domain. The contact is characterised by

[5] Refer NTU ASX announcement 13 May 2025 – Exploration Incentive Scheme Drill Program results
[6] Refer NTU ASX Announcement NTU ASX Announcement 07 April 2020 Over 50% increase in Dazzler high-grade mineral resource.
[7] Refer NTU ASX announcement 13 May 2025 – Exploration Incentive Scheme Drill Program results at Browns Range Dazzler Deposit.



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faulting/shearing, intense hematitic and chloritic alteration, quartz veins and associated HREE mineralisation.

In total, nine diamond holes were drilled for 2386.03 m with one hole intersecting HREE mineralisation.

**Table 3** details the significant intercepts for Dazzler while **Figure 6** illustrates the drill hole collar locations in plan view, with significant intercepts illustrated in section by **Figure 7**.

***Table 3: Significant intercepts from DD assays results. ≥2m @0.15% TREO cut-off or equivalent, ≤2 m waste.***

| Prospect | Hole ID | From | To | Interval | TREO (%) | Dy2O3 (ppm) | Tb4O7 (ppm) | Y2O3_ppm | MHREO:TREO |
|---|---|---|---|---|---|---|---|---|---|
| Dazzler | BRDD0016 | 124 | 126.5 | 2.46 | 0.29 | 150.61 | 20.67 | 1015.45 | 0.49 |
| | | 147 | 150.3 | 3.55 | 0.21 | 39.23 | 6.27 | 243.75 | 0.23 |

*Notes:*

- *TREO = Total Rare Earth Oxides – La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
- *MHREO = Medium – Heavy Rare Earth Oxides – Total of Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3..*
- *True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.*

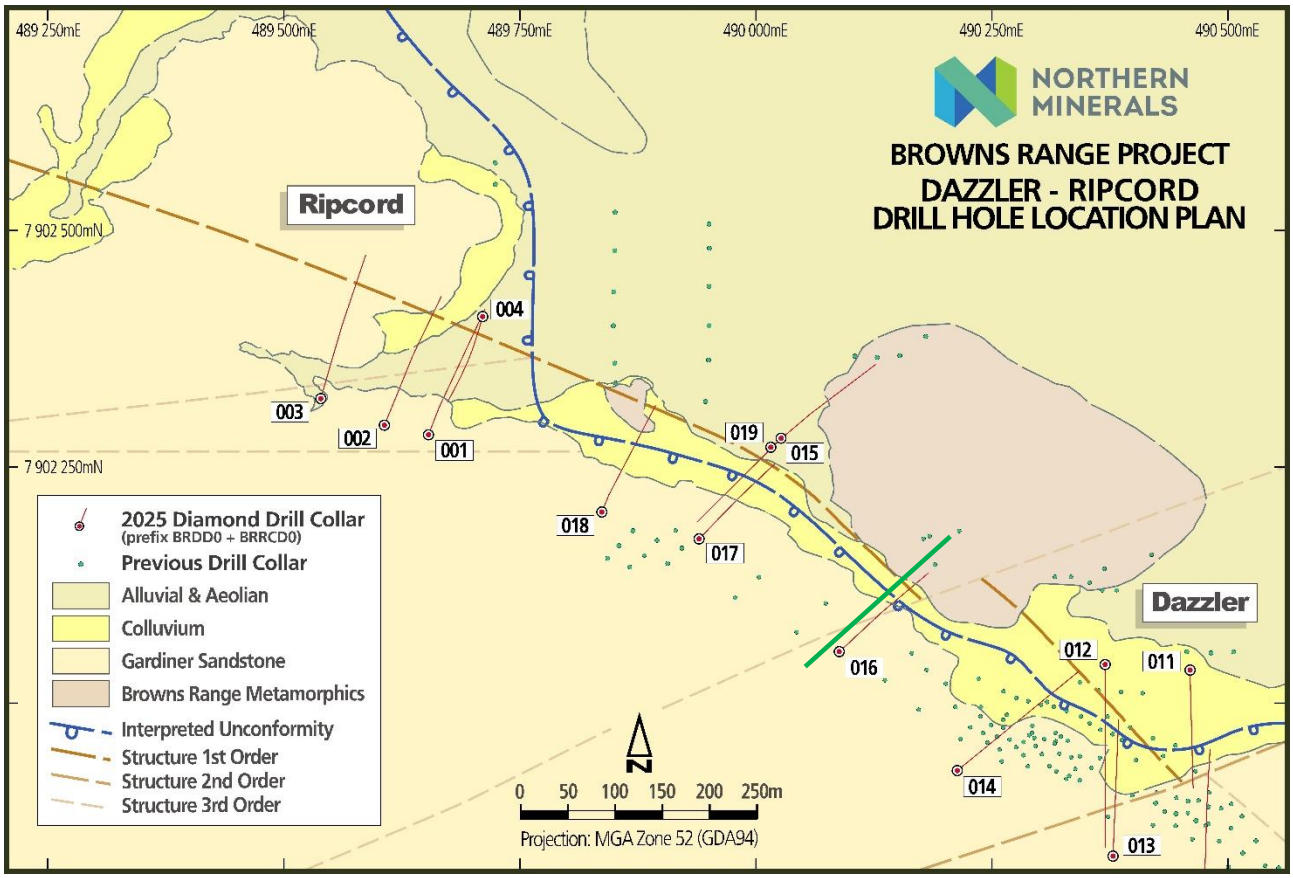


***Figure 6: Plan view of the Dazzler deposit-Ripcord prospect's 2025 DD collar locations.***
Green line illustrates the section of the Dazzler Prospect shown in Figure 7 below. True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.

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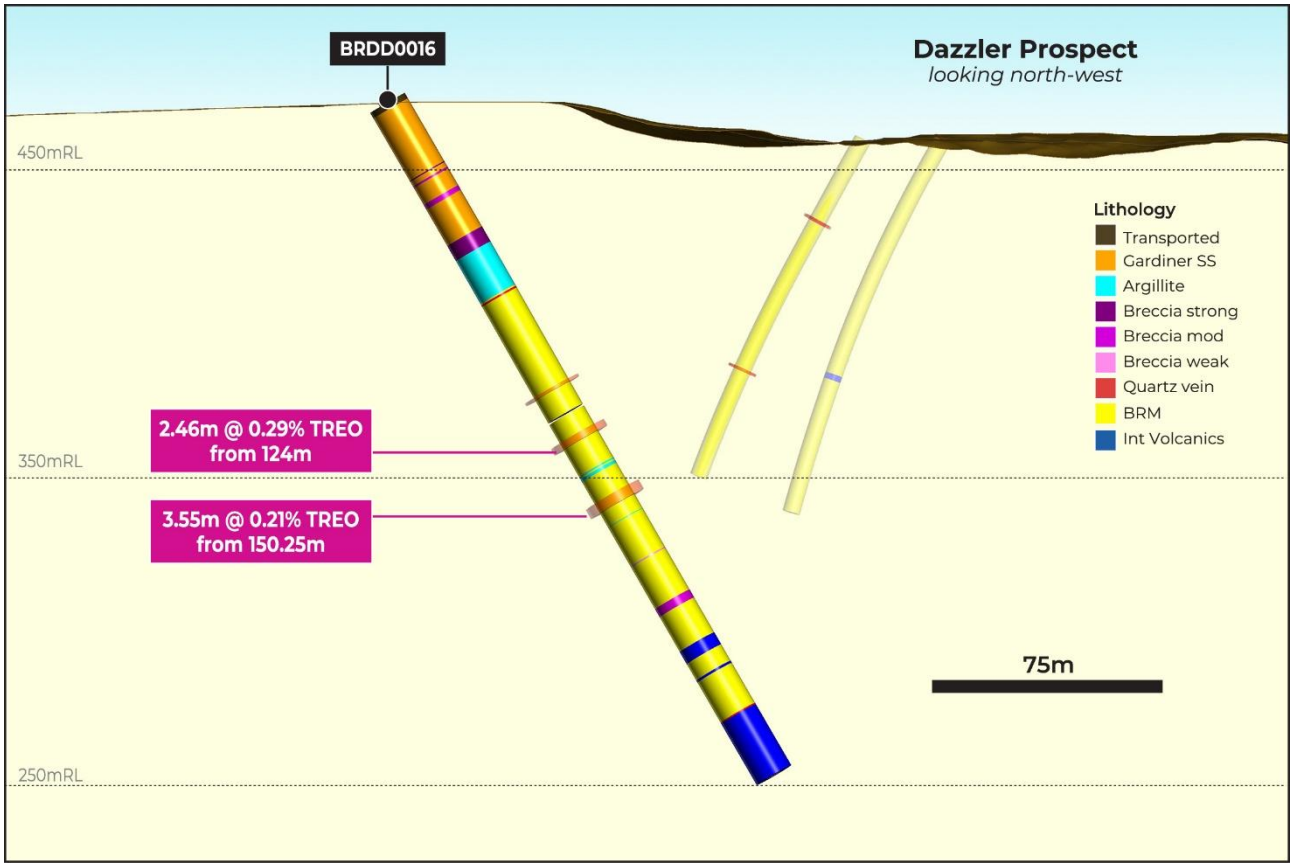


***Figure 7: Cross section facing north-west illustrating the Dazzler DD (thick) with previously drilled holes (thinner) by lithology. TREO ≥ 0.15% is illustrated as translucent red halos around holes.***

True width of mineralisation in relation to the angles of drilling and drill hole mineralisation lengths is not known.

## UFF soil program

The UFF technique developed by CSIRO was originally designed to detect deep sub-surface geochemical anomalies. It subsequently has been widely applied throughout Western Australia, with this program being the first time the technique has been trialed at Browns Range for HREE.

More than 80% of the Company's tenement portfolio at Browns Range is under cover, meaning that this technique is an ideally suited, inexpensive, non-invasive, early exploration tool.

The UFF soil sampling program was designed on a 100 m nominal offset grid covering approximately 3 km of sub-cropping unconformity between the Dazzler and Cyclops deposits including a broad area of prospective structures. A total of 772 samples was collected. Due to the chemically and physically resistive nature of detrital xenotime and florencite, Labwest used a stronger multi-acid digestion method for REE analysis of soil samples.

The program defined low-level yttrium anomalies (HREE proxy) for second-order follow-up, including north-east of Dazzler and both west and south-east of Cyclops in the Gardiner Sandstone, as illustrated by **Figure 8**.

Complete analysis of specific elemental ratios will be undertaken to map the spatial distribution of sub-surface lithologies and structures (sedimentary, mafic, and ultramafic lithologies) to aid future exploration targeting.



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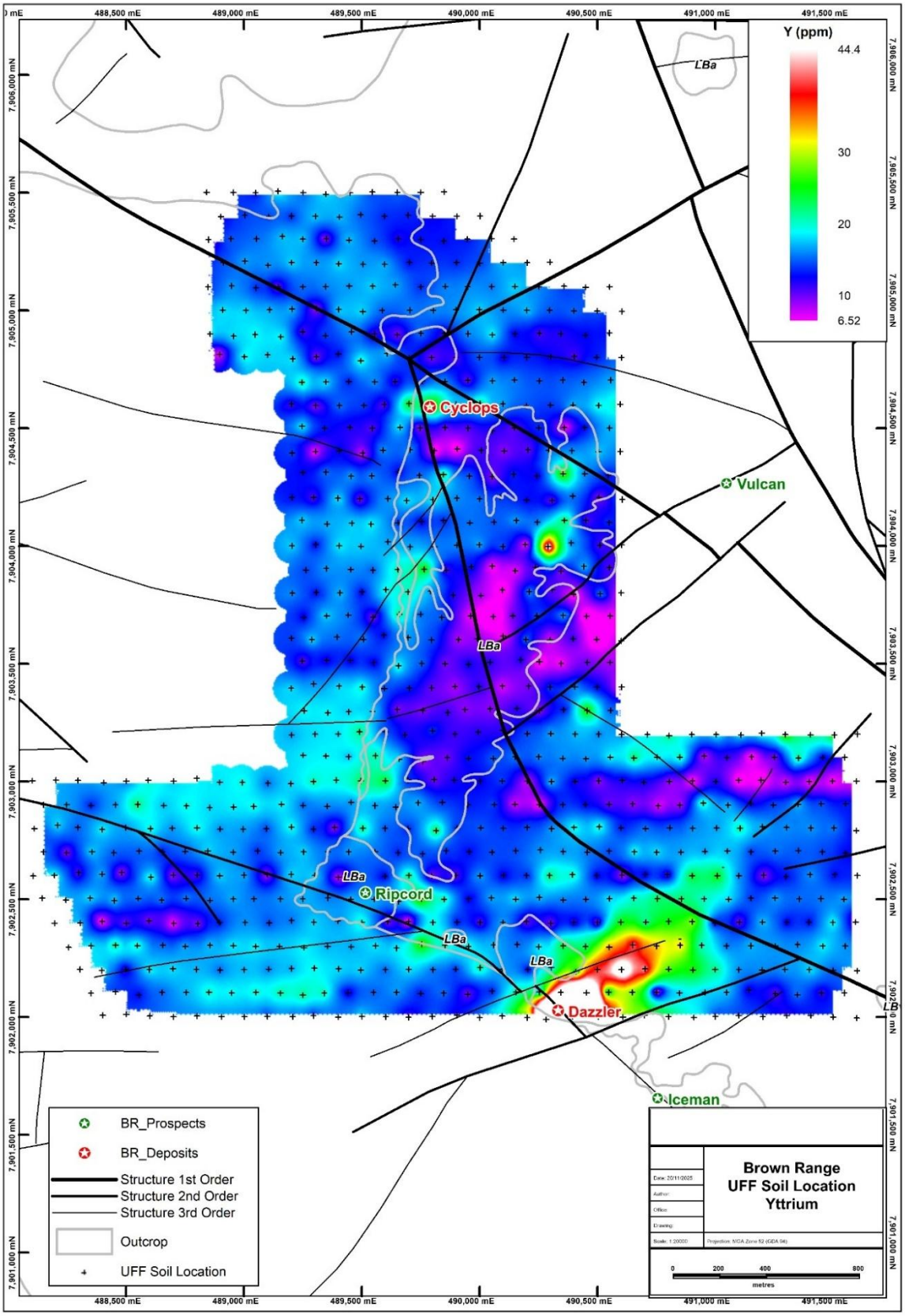


***Figure 8: Browns Range Ultrafine fraction soil geochemistry (yttrium)***



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## Regional Target Generation Initiatives (WA and NT)

Northern Minerals' tenement portfolio across Western Australia and the Northern Territory host many HREE prospects and exploration targets in addition to the flagship Wolverine HREE deposit. To make new HREE discoveries, the Company recently embarked on a series of data acquisition and processing initiatives, whose boundaries are illustrated by **Figure 9**. The data from these new initiatives will be used to inform development of a mineral systems model for HREE mineralisation across the Browns Range Dome (BRD) and further south in the Boulder Ridge project area west of the Coomarie Dome.

A scaled mineral systems approach considers the origin of the deposits within the framework of lithospheric processes down to mineralisation processes operating at the camp scale. The identification of mappable field proxies of these mineralisation processes (specific alteration minerals, aeromagnetic lineaments, key geochemical soil signatures) is critical to exploration targeting and development of accurate local exploration models.

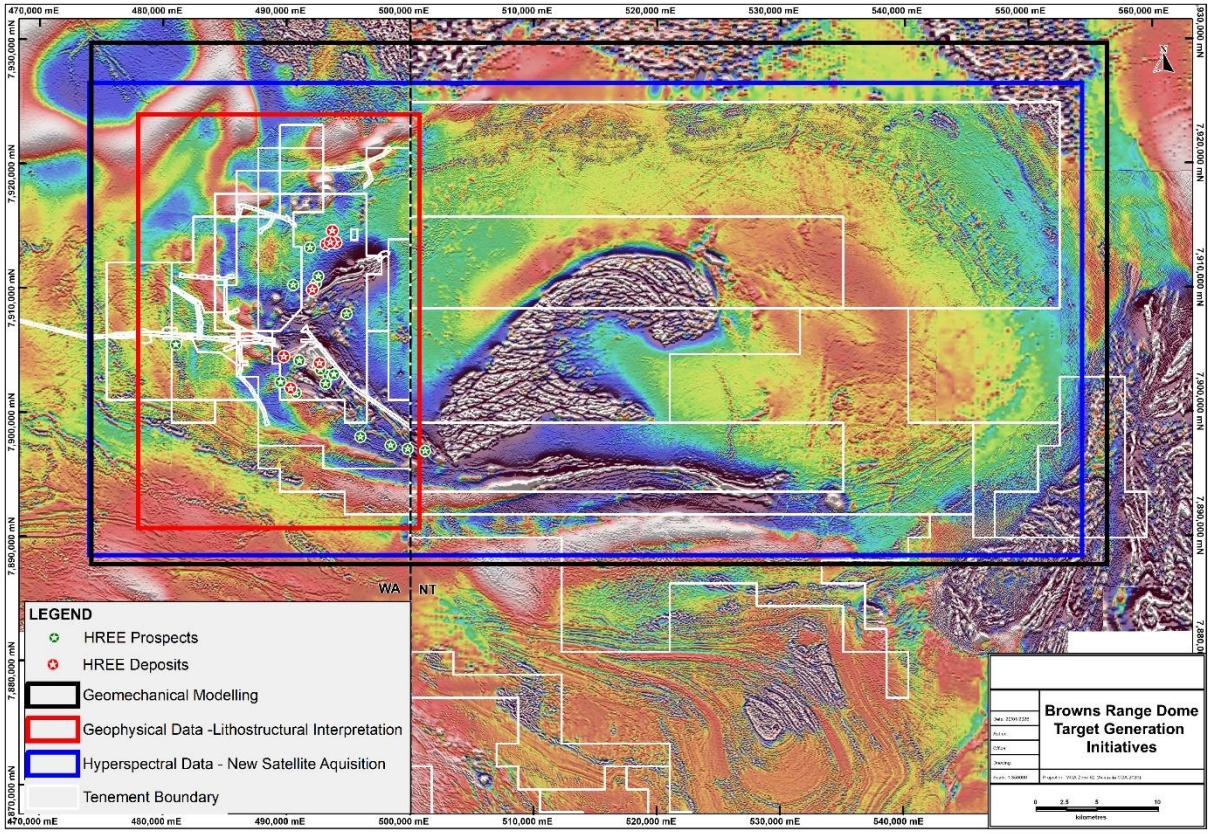


***Figure 9: Browns Range regional target generation initiatives, magnetic RTP 1VD background image.***



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## Geophysical Data

Geophysical data acquisition, processing and interpretation for the creation of a foundational litho-structural map across Western Australia and the Northern Territory was completed in FY25. Specifically, a new litho-structural geology map of the western margin of the BRD was produced. The new map is a synthesis of regional geology using recently reprocessed airborne magnetic data supplemented by radiometric and gravity survey data plus soils data, drilling data and proprietary geological maps. The new litho-structural geology map provides a geological baseline for overlaying more detailed property scale datasets used for generation of specific HREE targets. Consultants generated a total of 41 targets, with 12 ranked as high priority. Several of these high-priority targets merited further evaluation.

However, a mineral systems analysis of the geological features of the HREE deposits together with new insights gained from the deep drilling programs below the Wolverine and Dazzler deposits indicates that some of the most prospective targets were not captured by the targeting exercise. These target areas will benefit from the construction of more detailed litho-structural maps at the 1:10,000 scale versus the current 1:25,000 scale. Follow-up field reconnaissance is planned to assess structural controls over HREE mineralisation at the targeted sites.

## Geomechanical Modelling

Geomechanical modelling (GMEX) across the Western Australia and Northern Territory areas of the BRD is a specialised technique developed by GILDAE Pty Ltd that uses geological and geophysical datasets in computer simulations to determine the behaviour of faults under different stress fields during deformation. The technique is ideally suited for the Browns Range HREE deposits because they are structurally controlled hydrothermal fluid systems directly related to zones of rock failure and brecciation. Consequently, the GMEX structural targets represent optimal sites of HREE mineralisation. Together with the recently updated 2024 litho-structural map of the BRD, re-processed aeromagnetic imagery and new hyperspectral minerals maps, the GMEX targets will be incorporated into the mineral systems model used for identification of the most prospective targets in the Browns Range.

GMEX outputs consist of a series of geo-referenced GIS layers including rock failure “Predictor” maps and a series of “Comparison” maps showing failure results from application of the various principal stress directions.

## Hyperspectral Data

Satellite-sourced hyperspectral imagery has been acquired across the entire BRD and adjacent volcano-sedimentary rocks. The hyperspectral data is a step-change improvement over government-sponsored satellite-based hyperspectral imagery, which cannot be used for mineral mapping at the property scale due to relatively poor spatial resolution (typically 20 m to 100 m). These technical obstacles, however, have been overcome by deploying hyperspectral imaging sensors with 5 m spatial resolution on private commercial satellites. This imagery is more economical and less logistically challenging to acquire compared to traditional airborne hyperspectral surveys.

Production of geo-referenced GIS maps of hyperspectral data that identify surface exposures of hematite, goethite and jarosite are the key outputs. These are the main hydrothermal alteration minerals associated with the HREE mineralisation in the Browns Range. Hyperspectral mineral maps will be overlain on geophysical imagery, geomechanical targets of rock failure and dilation and litho-structural maps to identify high-priority targets. These new targets will be ground-



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truthed (e.g. helicopter reconnaissance) and tested for HREE mineralisation by rock chip sampling and measurement of Y abundances using handheld pXRF instruments.

## AI Data Modelling – Target Generation

Complementary to traditional geological interpretation, an exploration AI platform using both proprietary and publicly available exploration datasets covering the BRD and Coomarie Dome are being entered into a cloud-based platform, where simulations interrogate and analyse multi-variate datasets simultaneously. The resulting AI models identify relationships, patterns and generate new insights that are used to identify the most prospective HREE targets. Additionally, the AI models allow for identification of those datasets that have the most influence on predicted areas of mineralisation.

The results of the AI models are tested against existing targets and the new targets against geological, geochemical and geophysical datasets used to construct the mineral systems model for Browns Range HREE mineralisation. These datasets are presently being identified and assembled for input into the AI model. Importantly, the geological characteristics of the Wolverine MRE and wider deposit "footprint" will be used to train the AI to search for analogous Wolverine-style deposits in the Browns Range. This is in addition to recognising other styles of HREE mineralisation such as Dazzler and others predicted from the mineral systems model.

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About Northern Minerals

Northern Minerals Limited (ASX: NTU) (**Northern Minerals** or the **Company**) owns 100% of the Browns Range Heavy Rare Earths Project in the East Kimberley region of Western Australia (the **Project**). The Project's deposits are uniquely rich in the heavy rare earth elements dysprosium (Dy) and terbium (Tb).

Dysprosium and terbium are critical in the production of dysprosium neodymium iron-boron (DyNdFeB) magnets used in clean energy, military, and high technology solutions. Dysprosium and terbium are prized because their unique properties improve the durability of magnets by increasing their resistance to demagnetisation.

The Project's flagship deposit is Wolverine, which is thought to be the highest-grade dysprosium and terbium ore body in Australia. The Company is preparing to bring Wolverine into production with the objective of providing a reliable alternative source of dysprosium and terbium to production sourced from China.

Northern Minerals has completed a definitive feasibility study for a commercial-scale operation focused on mining and beneficiating ore from the Wolverine deposit, for delivery to Iluka Resources' (ASX: ILU) under-construction rare earths refinery at Eneabba, also in Western Australia.

In addition to Wolverine, Northern Minerals has several additional deposits and prospects within the Project that contain dysprosium and other heavy rare earth elements, hosted in xenotime mineralisation.

For more information, please visit northernminerals.com.au.

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## COMPETENT PERSON STATEMENTS

The information in this report that relates to Sampling Techniques and Data and Reporting of Exploration Results is based on, and fairly represents, information compiled by Kurt Warburton, a full-time employee of Northern Minerals Ltd. Mr Warburton is a Member of the Australian Institute of Geoscientists. Mr Warburton has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr Warburton consents to the disclosure of the information in this report in the form and context in which it appears.

The information in this report that relates to geological interpretation of Exploration Results and Regional Target Generation Initiatives (WA and NT) is based on, and fairly represents, information compiled by Dr Stephen Rowins, a full-time employee of Northern Mineral Limited. Dr Rowins is a Member of the Australian Institute of Geoscientists and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Dr Rowins consents to the disclosure of the information in this report in the form and context in which it appears.

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# Appendix 1: Drilling Programs Significant Intercepts

## Table 4: Drill hole collar and significant intercept details (≥2 m @0.15% TREO cut-off or equivalent, ≤2 m waste).

| Prospect | Hole ID | Drill Type | X | Y | Z | Depth | Dip | Azimuth | From | To | Interval | TREO (%) | Dy2O3 (ppm) | Tb4O7 (ppm) | Y2O3_ppm | MHREO : TREO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RC | BRRCD0001 | DD | 489653 | 7902285 | 451 | 294 | -60 | 22 | No Significant Intercepts | | | | | | | |
| RC | BRRCD0002 | DD | 489607 | 7902295 | 455 | 303 | -59 | 22 | No Significant Intercepts | | | | | | | |
| RC | BRRCD0003 | DD | 489540 | 7902324 | 451 | 305 | -58 | 17 | No Significant Intercepts | | | | | | | |
| RC | BRRCD0004 | DD | 489710 | 7902410 | 448 | 201 | -60 | 201 | No Significant Intercepts | | | | | | | |
| DZ | BRDD0015 | DD | 490027 | 7902280 | 445 | 249 | -60 | 225 | No Significant Intercepts | | | | | | | |
| DZ | BRDD0016 | DD | 490088 | 7902054 | 472 | 252 | -60 | 46 | 124 | 126.46 | 2.46 | 0.29 | 150.61 | 20.67 | 1015.45 | 0.49 |
| | | | | | | | | | 146.7 | 150.25 | 3.55 | 0.21 | 39.23 | 6.27 | 243.75 | 0.23 |
| DZ | BRDD0017 | DD | 489939 | 7902175 | 469 | 252 | -60 | 46 | No Significant Intercepts | | | | | | | |
| DZ | BRDD0018 | DD | 489836 | 7902203 | 465 | 249 | -60 | 25 | No Significant Intercepts | | | | | | | |
| DZ | BRDD0019 | DD | 490016 | 7902272 | 445 | 282 | -60 | 50 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0001 | DD | 493225 | 7902342 | 442 | 150 | -72 | 226 | 5 | 9 | 4 | 0.19 | 172.09 | 22.58 | 1163.82 | 0.93 |
| | | | | | | | | | 14 | 43 | 29 | 0.3 | 296.46 | 40.53 | 1882.29 | 0.96 |
| | | | | | | | | | 51 | 61 | 10 | 0.18 | 110.84 | 18.43 | 691 | 0.57 |
| RS | BRRSD0002 | DD | 492995 | 7902411 | 438 | 252 | -60 | 227 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0003 | DD | 492958 | 7902609 | 437 | 174 | -60 | 217 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0004 | DD | 493084 | 7902542 | 439 | 189 | -60 | 225 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0005 | DD | 492800 | 7902740 | 436 | 271 | -60 | 0 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0006 | DD | 493078 | 7902539 | 440 | 261 | -60 | 358 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0007 | DD | 492690 | 7902878 | 436 | 250 | -61 | 204 | No Significant Intercepts | | | | | | | |
| RS | BRRSD0008 | DD | 492633 | 7902956 | 436 | 252 | -60 | 224 | No Significant Intercepts | | | | | | | |
| REG | BRR0601 | RC | 491741 | 7904063 | 426 | 102 | -61 | 230 | No Significant Intercepts | | | | | | | |
| REG | BRR0602 | RC | 491739 | 7903760 | 426 | 102 | -61 | 50 | No Significant Intercepts | | | | | | | |
| REG | BRR0603 | RC | 491717 | 7902312 | 434 | 96 | -62 | 46 | No Significant Intercepts | | | | | | | |
| REG | BRR0604 | RC | 491659 | 7902126 | 436 | 102 | -61 | 47 | No Significant Intercepts | | | | | | | |
| REG | BRR0605 | RC | 491539 | 7902007 | 438 | 102 | -61 | 45 | No Significant Intercepts | | | | | | | |
| REG | BRR0606 | RC | 491191 | 7902074 | 437 | 102 | -60 | 51 | No Significant Intercepts | | | | | | | |
| REG | BRR0607 | RC | 490918 | 7902085 | 438 | 96 | -61 | 49 | No Significant Intercepts | | | | | | | |
| REG | BRR0608 | RC | 492661 | 7902935 | 436 | 102 | -61 | 318 | No Significant Intercepts | | | | | | | |
| REG | BRR0609 | RC | 492755 | 7902818 | 436 | 102 | -61 | 319 | No Significant Intercepts | | | | | | | |
| REG | BRR0610 | RC | 492623 | 7902992 | 435 | 102 | -61 | 138 | No Significant Intercepts | | | | | | | |
| REG | BRR0611 | RC | 492452 | 7903169 | 434 | 102 | -61 | 48 | No Significant Intercepts | | | | | | | |
| REG | BRR0612 | RC | 492244 | 7903311 | 431 | 48 | -61 | 48 | Abandoned | | | | | | | |
| REG | BRR0613 | RC | 492245 | 7903311 | 431 | 102 | -61 | 48 | No Significant Intercepts | | | | | | | |
| REG | BRR0614 | RC | 492022 | 7903503 | 429 | 102 | -61 | 49 | No Significant Intercepts | | | | | | | |
| REG | BRR0615 | RC | 491881 | 7903641 | 427 | 102 | -61 | 50 | No Significant Intercepts | | | | | | | |
| REG | BRR0616 | RC | 491714 | 7903487 | 427 | 102 | -61 | 229 | No Significant Intercepts | | | | | | | |
| REG | BRR0617 | RC | 491735 | 7903420 | 427 | 102 | -61 | 48 | No Significant Intercepts | | | | | | | |
| REG | BRR0618 | RC | 491558 | 7903859 | 426 | 102 | -60 | 47 | No Significant Intercepts | | | | | | | |
| REG | BRR0619 | RC | 491206 | 7904138 | 424 | 84 | -61 | 137 | No Significant Intercepts | | | | | | | |
| VU | BRR0620 | RC | 491056 | 7904264 | 424 | 102 | -61 | 315 | 17 | 25 | 8 | 0.22 | 142.63 | 21.62 | 980.25 | 0.66 |
| | | | | | | | | | 31 | 54 | 23 | 0.65 | 565.93 | 90.31 | 3884.17 | 0.88 |
| REG | BRR0621 | RC | 490899 | 7904381 | 424 | 102 | -61 | 136 | No Significant Intercepts | | | | | | | |
| REG | BRR0622 | RC | 490683 | 7904517 | 424 | 102 | -61 | 139 | No Significant Intercepts | | | | | | | |
| REG | BRR0623 | RC | 490431 | 7904748 | 426 | 102 | -61 | 320 | No Significant Intercepts | | | | | | | |
| REG | BRR0624 | RC | 490377 | 7904824 | 425 | 96 | -61 | 137 | No Significant Intercepts | | | | | | | |
| REG | BRR0625 | RC | 490195 | 7905037 | 425 | 102 | -61 | 319 | No Significant Intercepts | | | | | | | |
| REG | BRR0626 | RC | 490038 | 7905215 | 424 | 102 | -60 | 311 | No Significant Intercepts | | | | | | | |
| REG | BRR0627 | RC | 489796 | 7905407 | 423 | 102 | -61 | 230 | No Significant Intercepts | | | | | | | |
| REG | BRR0628 | RC | 489440 | 7905692 | 420 | 102 | -60 | 43 | No Significant Intercepts | | | | | | | |
| REG | BRR0629 | RC | 491735 | 7902996 | 428 | 108 | -61 | 48 | No Significant Intercepts | | | | | | | |
| REG | BRR0630 | RC | 491715 | 7902768 | 429 | 88 | -60 | 232 | No Significant Intercepts | | | | | | | |
| REG | BRR0631 | RC | 491733 | 7902654 | 430 | 102 | -61 | 48 | No Significant Intercepts | | | | | | | |
| VU | BRR0632 | RC | 491015 | 7904294 | 424 | 96 | -61 | 125 | 9 | 11 | 2 | 0.22 | 160.25 | 27.35 | 1128.5 | 0.78 |
| | | | | | | | | | 14 | 43 | 29 | 0.53 | 416.93 | 67.6 | 3012.66 | 0.82 |
| VU | BRR0633 | RC | 491071 | 7904260 | 424 | 108 | -61 | 4 | No Significant Intercepts | | | | | | | |

*Notes: Coordinates, azimuths, and dips have been rounded for table layout. TREO = Total Rare Earth Oxides – La2O3, CeO2, Pr6O11, Nd2O3, Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3. MHREO = Medium – Heavy Rare Earth Oxides – Total of Sm2O3, Eu2O3, Gd2O3, Tb4O7, Dy2O3, Ho2O3, Er2O3, Tm2O3, Yb2O3, Lu2O3, Y2O3.*
*DZ = Dazzler; REG = Regional RC; VU = Vulcan; RS = Rockslider; RC = Ripcord*

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***Table 5: Significant intercepts Individual elemental oxide abundances, (≥2 m @0.15% TREO cut-off or equivalent, ≤2 m waste).***

| Prospect | Hole ID | Drill Type | From | To | Interval | La2O3 (ppm) | CeO2 (ppm) | Pr6O11 (ppm) | Nd2O3 (ppm) | Sm2O3 (ppm) | Eu2O3 (ppm) | Gd2O3 (ppm) | Tb4O7 (ppm) | Dy2O3 (ppm) | Ho2O3 (ppm) | Er2O3 (ppm) | Tm2O3 (ppm) | Yb2O3 (ppm) | Lu2O3 (ppm) | Y2O3 (ppm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DZ | BRDD0016 | DD | 124 | 126.5 | 2.46 | 212.05 | 539.62 | 77.66 | 353.45 | 96.42 | 13.49 | 107.41 | 20.67 | 150.61 | 34.76 | 110.87 | 18.02 | 118.41 | 16.9 | 1015.45 |
| | | | 147 | 150.3 | 3.55 | 274.56 | 735.42 | 112.15 | 471.14 | 86.37 | 7.44 | 44.73 | 6.27 | 39.23 | 8.19 | 23.27 | 3.35 | 20.12 | 2.75 | 243.75 |
| RS | BRRSD0001 | DD | 5 | 9 | 4 | 25.48 | 55.1 | 8.44 | 45.73 | 40.02 | 7.9 | 90.93 | 22.58 | 172.09 | 37.86 | 110.34 | 15.76 | 88.59 | 12.38 | 1163.82 |
| | | | 14 | 43 | 29 | 9.92 | 36.91 | 8.08 | 60.1 | 74.1 | 13.53 | 163.04 | 40.53 | 296.46 | 61.95 | 177.23 | 25.6 | 145.85 | 20.23 | 1882.29 |
| | | | 51 | 61 | 10 | 94.47 | 298.1 | 48.38 | 227.12 | 70.57 | 11.73 | 97.44 | 18.43 | 110.84 | 19.22 | 44.89 | 5.23 | 25.54 | 3.56 | 691 |
| VU | BRR0620 | RC | 17 | 25 | 8 | 93.09 | 253.13 | 51.34 | 245.24 | 80.29 | 11.3 | 112.37 | 21.62 | 142.63 | 28.85 | 77.52 | 9.87 | 52.25 | 7.45 | 980.25 |
| | | | 31 | 54 | 23 | 99.49 | 264.17 | 40.56 | 219.96 | 186.3 | 35.17 | 430.91 | 90.31 | 565.93 | 114.16 | 305.03 | 38.18 | 202.63 | 28.67 | 3884.17 |
| VU | BRR0632 | RC | 9 | 11 | 2 | 58.55 | 194.5 | 39.8 | 203.6 | 83.05 | 13.7 | 152.4 | 27.35 | 160.25 | 29.35 | 78.5 | 10.1 | 54.95 | 7.1 | 1128.5 |
| | | | 14 | 43 | 29 | 121.8 | 406.38 | 58.09 | 287 | 157.54 | 27.05 | 327.79 | 67.6 | 416.93 | 79.32 | 204.53 | 24.8 | 131.62 | 17.54 | 3012.66 |

- *Notes:*
- *Rounding may have caused computational discrepancies.*
- *DZ = Dazzler; RS = Rockslider; VU = Vulcan*

## Appendix 2: UFF Soil Sampling Results

***Table 6: UFF Soil Sampling: Individual elemental abundances for Yttrium (ppm). No ppm grade cut off has been applied. (next page)***

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007413 | 488400.3 | 7902007.6 | 13.65 |
| BRSS007414 | 488500.9 | 7902012.2 | 14.32 |
| BRSS007415 | 488599.6 | 7902004 | 15.00 |
| BRSS007416 | 488700.4 | 7902000.5 | 15.86 |
| BRSS007417 | 488800.8 | 7902004.1 | 16.14 |
| BRSS007418 | 488904.5 | 7902001.4 | 16.11 |
| BRSS007419 | 489002 | 7902000.8 | 16.00 |
| BRSS007420 | 489099.1 | 7902002.7 | 13.98 |
| BRSS007421 | 489206.4 | 7902001.3 | 15.05 |
| BRSS007422 | 489294.9 | 7902005.6 | 13.12 |
| BRSS007423 | 489400.1 | 7901999.8 | 15.10 |
| BRSS007424 | 489500.7 | 7902002.3 | 18.65 |
| BRSS007425 | 489601.3 | 7902000.7 | 15.95 |
| BRSS007426 | 489698.3 | 7901999.2 | 9.52 |
| BRSS007427 | 489799.4 | 7902002.2 | 15.31 |
| BRSS007428 | 489902.9 | 7902007.4 | 12.12 |
| BRSS007429 | 490000.2 | 7901997.8 | 15.14 |
| BRSS007430 | 490095.7 | 7902004.3 | 17.25 |
| BRSS007431 | 490201.5 | 7901997.8 | 22.18 |
| BRSS007432 | 490282 | 7901990.1 | 80.90 |
| BRSS007433 | 490394.3 | 7902001.6 | 288.58 |
| BRSS007434 | 490504 | 7902000.3 | 33.58 |
| BRSS007435 | 490607.6 | 7902000.1 | 25.87 |
| BRSS007436 | 490699 | 7902007.9 | 28.63 |
| BRSS007437 | 490801.7 | 7902001.7 | 24.47 |
| BRSS007438 | 490909.2 | 7901998.2 | 19.77 |
| BRSS007439 | 491000.3 | 7902002.4 | 13.56 |
| BRSS007440 | 491099.8 | 7902006.9 | 14.36 |
| BRSS007441 | 491202 | 7902000.7 | 14.39 |
| BRSS007442 | 491303 | 7902006.7 | 11.47 |
| BRSS007443 | 491405.3 | 7902006.6 | 13.12 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007444 | 491500.2 | 7901999.5 | 13.86 |
| BRSS007445 | 491600.6 | 7901995.6 | 16.88 |
| BRSS007446 | 491547.3 | 7902102.5 | 14.82 |
| BRSS007447 | 491450.6 | 7902101.9 | 10.68 |
| BRSS007448 | 491348.5 | 7902095 | 16.27 |
| BRSS007449 | 491254.7 | 7902099 | 9.84 |
| BRSS007450 | 491142.2 | 7902114.8 | 11.32 |
| BRSS007451 | 491047.7 | 7902104 | 18.01 |
| BRSS007452 | 490956.1 | 7902105.1 | 17.56 |
| BRSS007453 | 490848.1 | 7902102 | 17.80 |
| BRSS007454 | 490751.3 | 7902105 | 3.62 |
| BRSS007455 | 490647.3 | 7902104.7 | 28.21 |
| BRSS007456 | 490547.5 | 7902104.6 | 19.32 |
| BRSS007457 | 490453.1 | 7902103.3 | 64.75 |
| BRSS007458 | 490344.2 | 7902104.1 | 43.56 |
| BRSS007459 | 490253.7 | 7902106 | 12.82 |
| BRSS007460 | 490154.5 | 7902106.1 | 20.45 |
| BRSS007461 | 490052.7 | 7902109.7 | 12.95 |
| BRSS007462 | 489948.7 | 7902096.8 | 8.61 |
| BRSS007463 | 489847.4 | 7902100.9 | 15.83 |
| BRSS007464 | 489750 | 7902099.8 | 13.05 |
| BRSS007465 | 489646.9 | 7902105.1 | 17.00 |
| BRSS007466 | 489549.2 | 7902104 | 14.99 |
| BRSS007467 | 489443 | 7902103 | 10.69 |
| BRSS007468 | 489340.2 | 7902100.5 | 21.41 |
| BRSS007469 | 489249.7 | 7902093.2 | 22.02 |
| BRSS007470 | 489155 | 7902101.8 | 21.82 |
| BRSS007471 | 489050.6 | 7902105.1 | 20.43 |
| BRSS007472 | 488948.4 | 7902102.6 | 19.50 |
| BRSS007473 | 488851.3 | 7902105.1 | 20.53 |
| BRSS007474 | 488755.3 | 7902104.1 | 17.44 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007475 | 488653.5 | 7902104.5 | 15.19 |
| BRSS007476 | 488553.7 | 7902093.4 | 12.28 |
| BRSS007477 | 488455.1 | 7902107.4 | 14.17 |
| BRSS007478 | 488350.6 | 7902100.5 | 16.42 |
| BRSS007479 | 488303.8 | 7902202.4 | 18.88 |
| BRSS007480 | 488396.5 | 7902197.6 | 19.40 |
| BRSS007481 | 488498.7 | 7902201.5 | 10.31 |
| BRSS007482 | 488598.1 | 7902200.5 | 19.65 |
| BRSS007483 | 488699.3 | 7902205.3 | 18.66 |
| BRSS007484 | 488797.9 | 7902202.2 | 17.40 |
| BRSS007485 | 488898.7 | 7902199.4 | 14.97 |
| BRSS007486 | 489000.3 | 7902200.9 | 17.24 |
| BRSS007487 | 489105.3 | 7902203.2 | 15.85 |
| BRSS007488 | 489201.4 | 7902205.6 | 16.73 |
| BRSS007489 | 489299.1 | 7902207.9 | 19.54 |
| BRSS007490 | 489401.2 | 7902205.4 | 18.39 |
| BRSS007491 | 489495.9 | 7902199.4 | 18.54 |
| BRSS007492 | 489599.5 | 7902200.7 | 14.96 |
| BRSS007493 | 489699.3 | 7902202.9 | 18.73 |
| BRSS007494 | 489802.5 | 7902200.5 | 15.27 |
| BRSS007495 | 489898.2 | 7902203.2 | 13.66 |
| BRSS007496 | 490002.4 | 7902209.3 | 22.58 |
| BRSS007497 | 490095.1 | 7902203.4 | 16.49 |
| BRSS007498 | 490204.2 | 7902201.9 | 11.96 |
| BRSS007499 | 490304.1 | 7902210.3 | 16.44 |
| BRSS007500 | 490409.1 | 7902192.1 | 22.09 |
| BRSS007501 | 490499.5 | 7902201.8 | 40.07 |
| BRSS007502 | 490601.6 | 7902202 | 57.41 |
| BRSS007503 | 490702.2 | 7902204.4 | 43.03 |
| BRSS007504 | 490802.3 | 7902203.2 | 27.39 |
| BRSS007505 | 490904.8 | 7902200.2 | 26.82 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007506 | 490999.5 | 7902201.5 | 22.13 |
| BRSS007507 | 491099.7 | 7902201.1 | 16.38 |
| BRSS007508 | 491198.4 | 7902199.7 | 16.75 |
| BRSS007509 | 491295.6 | 7902201.6 | 17.01 |
| BRSS007510 | 491398.4 | 7902200.4 | 19.01 |
| BRSS007511 | 491499.6 | 7902197.9 | 15.06 |
| BRSS007512 | 491601.6 | 7902196.9 | 18.61 |
| BRSS007513 | 491551.5 | 7902300.5 | 16.57 |
| BRSS007514 | 491455.7 | 7902301.5 | 19.70 |
| BRSS007515 | 491349.4 | 7902307.4 | 16.42 |
| BRSS007516 | 491254.8 | 7902301.8 | 16.83 |
| BRSS007517 | 491151.2 | 7902302.7 | 17.85 |
| BRSS007518 | 491047.2 | 7902301.5 | 15.43 |
| BRSS007519 | 490942 | 7902304.1 | 19.46 |
| BRSS007520 | 490851 | 7902304.5 | 34.37 |
| BRSS007521 | 490751.1 | 7902300.7 | 33.51 |
| BRSS007522 | 490650.3 | 7902305.6 | 42.08 |
| BRSS007523 | 490549.9 | 7902296.7 | 34.44 |
| BRSS007524 | 490449.3 | 7902299.3 | 21.85 |
| BRSS007525 | 490354.2 | 7902302.3 | 25.50 |
| BRSS007526 | 490251 | 7902297.9 | 19.79 |
| BRSS007527 | 490159.2 | 7902307.5 | 15.54 |
| BRSS007528 | 490058.8 | 7902306.2 | 17.68 |
| BRSS007529 | 489952.2 | 7902298.8 | 20.39 |
| BRSS007530 | 489852.1 | 7902304.6 | 20.89 |
| BRSS007531 | 489754.6 | 7902309.1 | 30.81 |
| BRSS007532 | 489647.6 | 7902292.7 | 19.29 |
| BRSS007533 | 489558.2 | 7902302.4 | 19.14 |
| BRSS007534 | 489455.1 | 7902298.3 | 16.85 |
| BRSS007535 | 489355.1 | 7902300.1 | 17.12 |
| BRSS007536 | 489254.7 | 7902295.2 | 19.43 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007537 | 489150.6 | 7902299.9 | 18.13 |
| BRSS007538 | 489049.6 | 7902300.1 | 19.61 |
| BRSS007539 | 488955.1 | 7902303.5 | 19.29 |
| BRSS007540 | 488856.5 | 7902303.9 | 18.09 |
| BRSS007541 | 488751.8 | 7902299.7 | 17.73 |
| BRSS007542 | 488655.7 | 7902305 | 15.54 |
| BRSS007543 | 488548.1 | 7902303 | 21.60 |
| BRSS007544 | 488455 | 7902304.8 | 22.23 |
| BRSS007545 | 488351.4 | 7902302.1 | 19.41 |
| BRSS007546 | 488256.6 | 7902295.3 | 18.41 |
| BRSS007547 | 488196.6 | 7902397.9 | 19.72 |
| BRSS007548 | 488305.6 | 7902398.7 | 18.21 |
| BRSS007549 | 488399.1 | 7902405.9 | 2.59 |
| BRSS007550 | 488500.3 | 7902398.5 | 8.91 |
| BRSS007551 | 488596.1 | 7902408.7 | 8.69 |
| BRSS007552 | 488702.7 | 7902397.7 | 4.71 |
| BRSS007553 | 488803.4 | 7902396.1 | 8.22 |
| BRSS007554 | 488897.7 | 7902400.5 | 13.02 |
| BRSS007555 | 489005.4 | 7902400.8 | 16.38 |
| BRSS007556 | 489107.9 | 7902399.4 | 14.18 |
| BRSS007557 | 489202.2 | 7902409.2 | 15.21 |
| BRSS007558 | 489296.1 | 7902402.1 | 18.50 |
| BRSS007559 | 489398.5 | 7902408.5 | 16.33 |
| BRSS007560 | 489500.7 | 7902401.3 | 21.16 |
| BRSS007561 | 489610.2 | 7902404.3 | 7.99 |
| BRSS007562 | 489698.1 | 7902403.8 | 2.58 |
| BRSS007563 | 489801.5 | 7902401.9 | 19.79 |
| BRSS007564 | 489904.3 | 7902402.3 | 12.42 |
| BRSS007565 | 490001.4 | 7902401.8 | 9.05 |
| BRSS007566 | 490098.3 | 7902400.4 | 17.43 |
| BRSS007567 | 490198.7 | 7902404 | 8.48 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007568 | 490301.4 | 7902398 | 8.53 |
| BRSS007569 | 490400.3 | 7902402.5 | 10.22 |
| BRSS007570 | 490499.3 | 7902401.8 | 7.46 |
| BRSS007571 | 490599 | 7902402.4 | 25.74 |
| BRSS007572 | 490705.6 | 7902403.2 | 19.84 |
| BRSS007573 | 490801.7 | 7902406.1 | 24.79 |
| BRSS007574 | 490901.8 | 7902405.4 | 30.62 |
| BRSS007575 | 490998.1 | 7902399.2 | 11.16 |
| BRSS007576 | 491101.5 | 7902403.5 | 8.72 |
| BRSS007577 | 491200.8 | 7902403.7 | 18.49 |
| BRSS007578 | 491304.2 | 7902402.6 | 11.66 |
| BRSS007579 | 491397.3 | 7902402.5 | 12.16 |
| BRSS007580 | 491498.5 | 7902400.6 | 20.38 |
| BRSS007581 | 491595.5 | 7902403.7 | 7.67 |
| BRSS007582 | 491546.5 | 7902500 | 17.61 |
| BRSS007583 | 491447.9 | 7902502.5 | 15.97 |
| BRSS007584 | 491355.5 | 7902500.5 | 15.80 |
| BRSS007585 | 491253.2 | 7902504.7 | 17.29 |
| BRSS007586 | 491151.7 | 7902504.5 | 13.95 |
| BRSS007587 | 491056.7 | 7902499.8 | 19.06 |
| BRSS007588 | 490952.6 | 7902501.7 | 20.08 |
| BRSS007589 | 490856.3 | 7902501.8 | 22.43 |
| BRSS007590 | 490754.4 | 7902502.7 | 23.75 |
| BRSS007591 | 490654.3 | 7902504.6 | 21.04 |
| BRSS007592 | 490551.3 | 7902502.4 | 18.93 |
| BRSS007593 | 490450.9 | 7902500.1 | 16.10 |
| BRSS007594 | 490354.8 | 7902496.7 | 16.24 |
| BRSS007595 | 490253.5 | 7902507.7 | 17.82 |
| BRSS007596 | 490153 | 7902499.5 | 19.26 |
| BRSS007597 | 490049.6 | 7902505.7 | 17.47 |
| BRSS007598 | 489953.3 | 7902500.8 | 11.94 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007599 | 489848.7 | 7902500 | 21.65 |
| BRSS007600 | 489752.7 | 7902502.9 | 31.94 |
| BRSS007601 | 489655.7 | 7902490.5 | 17.58 |
| BRSS007602 | 489553 | 7902499.8 | 17.81 |
| BRSS007603 | 489453.5 | 7902499.4 | 17.61 |
| BRSS007604 | 489355.8 | 7902505.7 | 16.02 |
| BRSS007605 | 489249.3 | 7902500.4 | 17.41 |
| BRSS007606 | 489155 | 7902500.7 | 16.73 |
| BRSS007607 | 489042.5 | 7902501.6 | 15.91 |
| BRSS007608 | 488955 | 7902500.9 | 17.45 |
| BRSS007609 | 488855.7 | 7902494.9 | 16.14 |
| BRSS007610 | 488753.9 | 7902503.6 | 16.76 |
| BRSS007611 | 488650.6 | 7902495.5 | 16.49 |
| BRSS007612 | 488551.8 | 7902503.4 | 16.15 |
| BRSS007613 | 488450.2 | 7902493.7 | 18.62 |
| BRSS007614 | 488348.2 | 7902504.3 | 19.21 |
| BRSS007615 | 488244.8 | 7902496.4 | 17.18 |
| BRSS007616 | 488144.2 | 7902505.3 | 17.25 |
| BRSS007617 | 488105.4 | 7902599 | 19.25 |
| BRSS007618 | 488195.2 | 7902601.7 | 20.34 |
| BRSS007619 | 488299 | 7902612.9 | 9.87 |
| BRSS007620 | 488398.2 | 7902606.5 | 18.07 |
| BRSS007621 | 488481 | 7902613.6 | 6.63 |
| BRSS007622 | 488604.6 | 7902594 | 20.94 |
| BRSS007623 | 488699.6 | 7902603.3 | 8.26 |
| BRSS007624 | 488801.4 | 7902603.7 | 9.69 |
| BRSS007625 | 488897.2 | 7902600.1 | 18.72 |
| BRSS007626 | 489000.1 | 7902602.1 | 17.23 |
| BRSS007627 | 489099.1 | 7902604.7 | 7.48 |
| BRSS007628 | 489199.6 | 7902606.1 | 18.90 |
| BRSS007629 | 489299.7 | 7902600.8 | 18.72 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007630 | 489400.9 | 7902593.4 | 6.09 |
| BRSS007631 | 489497.4 | 7902600.2 | 15.78 |
| BRSS007632 | 489597.9 | 7902598.4 | 11.63 |
| BRSS007633 | 489699.5 | 7902601.5 | 23.03 |
| BRSS007634 | 489796.2 | 7902599.8 | 7.35 |
| BRSS007635 | 489898.7 | 7902601.3 | 9.77 |
| BRSS007636 | 490001.2 | 7902599.9 | 17.44 |
| BRSS007637 | 490101.4 | 7902601.3 | 11.47 |
| BRSS007638 | 490198.9 | 7902600.7 | 13.33 |
| BRSS007639 | 490297.3 | 7902600.8 | 22.98 |
| BRSS007640 | 490394.3 | 7902604.5 | 21.34 |
| BRSS007641 | 490497.2 | 7902600.4 | 11.84 |
| BRSS007642 | 490603 | 7902602.5 | 7.17 |
| BRSS007643 | 490703.3 | 7902605.8 | 11.80 |
| BRSS007644 | 490796.7 | 7902604.8 | 9.32 |
| BRSS007645 | 490902 | 7902600.2 | 25.39 |
| BRSS007646 | 491008.1 | 7902599.7 | 26.11 |
| BRSS007647 | 491099.6 | 7902600.4 | 16.30 |
| BRSS007648 | 491205.4 | 7902602.1 | 7.63 |
| BRSS007649 | 491301 | 7902595.7 | 12.68 |
| BRSS007650 | 491401.6 | 7902605 | 16.90 |
| BRSS007651 | 491507.1 | 7902604.4 | 12.57 |
| BRSS007652 | 491602.4 | 7902600.6 | 13.27 |
| BRSS007653 | 491552.9 | 7902695.5 | 12.48 |
| BRSS007654 | 491454.9 | 7902700.8 | 14.41 |
| BRSS007655 | 491352.2 | 7902706.4 | 14.91 |
| BRSS007656 | 491254.4 | 7902704.9 | 15.92 |
| BRSS007657 | 491151.9 | 7902700.7 | 13.80 |
| BRSS007658 | 491051.6 | 7902705.1 | 17.35 |
| BRSS007659 | 490956.1 | 7902703.3 | 16.37 |
| BRSS007660 | 490854.5 | 7902700.1 | 16.76 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007661 | 490751.7 | 7902698.8 | 19.39 |
| BRSS007662 | 490657.1 | 7902701.1 | 20.49 |
| BRSS007663 | 490549.7 | 7902704.6 | 14.63 |
| BRSS007664 | 490456.5 | 7902698.9 | 15.59 |
| BRSS007665 | 490354.5 | 7902702.8 | 16.19 |
| BRSS007666 | 490257.4 | 7902709.2 | 16.49 |
| BRSS007667 | 490152.9 | 7902705.8 | 14.67 |
| BRSS007668 | 490052.1 | 7902699.5 | 14.73 |
| BRSS007669 | 489955.7 | 7902701.8 | 12.54 |
| BRSS007670 | 489857.3 | 7902706 | 13.91 |
| BRSS007671 | 489757.4 | 7902692.7 | 14.20 |
| BRSS007672 | 489653.8 | 7902697.1 | 13.15 |
| BRSS007673 | 489556.6 | 7902701.3 | 15.75 |
| BRSS007674 | 489443.5 | 7902700.4 | 17.41 |
| BRSS007675 | 489356.5 | 7902701.1 | 16.04 |
| BRSS007676 | 489253.3 | 7902701.2 | 18.57 |
| BRSS007677 | 489155.8 | 7902698.6 | 17.25 |
| BRSS007678 | 489057.1 | 7902705.3 | 13.65 |
| BRSS007679 | 489849.2 | 7905503.7 | 18.35 |
| BRSS007680 | 489750.1 | 7905501.7 | 14.92 |
| BRSS007681 | 489650.3 | 7905500.9 | 15.35 |
| BRSS007682 | 489544.7 | 7905502.6 | 14.18 |
| BRSS007683 | 489596.9 | 7905399.9 | 13.64 |
| BRSS007684 | 489696.5 | 7905403.9 | 13.55 |
| BRSS007685 | 489800.8 | 7905399.9 | 12.17 |
| BRSS007686 | 489903.5 | 7905399.7 | 13.52 |
| BRSS007687 | 490001.9 | 7905400.9 | 13.50 |
| BRSS007688 | 490145.8 | 7905303.1 | 14.59 |
| BRSS007689 | 490050.4 | 7905304.9 | 15.83 |
| BRSS007690 | 489948.5 | 7905302.2 | 13.01 |
| BRSS007691 | 489847.7 | 7905294.4 | 12.91 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007692 | 489749.5 | 7905301.5 | 13.13 |
| BRSS007693 | 489654.8 | 7905304.1 | 11.58 |
| BRSS007694 | 489702.2 | 7905204.3 | 12.81 |
| BRSS007695 | 489797.3 | 7905201.6 | 13.93 |
| BRSS007696 | 489902.1 | 7905203.5 | 13.45 |
| BRSS007697 | 490000.3 | 7905199.7 | 14.28 |
| BRSS007698 | 490100.1 | 7905203.1 | 17.71 |
| BRSS007699 | 490201.7 | 7905202.4 | 16.53 |
| BRSS007700 | 490298.2 | 7905205 | 14.67 |
| BRSS007701 | 490551.3 | 7905100 | 13.53 |
| BRSS007702 | 490450 | 7905098.6 | 15.02 |
| BRSS007703 | 490358.6 | 7905102.4 | 13.74 |
| BRSS007704 | 490251.4 | 7905100.4 | 16.14 |
| BRSS007705 | 490149.8 | 7905101.5 | 18.75 |
| BRSS007706 | 490052 | 7905100.9 | 15.74 |
| BRSS007707 | 489949.2 | 7905101.1 | 16.53 |
| BRSS007708 | 489854 | 7905101.6 | 16.42 |
| BRSS007709 | 489751.1 | 7905100.3 | 13.52 |
| BRSS007710 | 489702.9 | 7905000.6 | 16.39 |
| BRSS007711 | 489803.4 | 7904999.9 | 16.54 |
| BRSS007712 | 489900.2 | 7905003.4 | 16.69 |
| BRSS007713 | 489998 | 7905003.7 | 18.60 |
| BRSS007714 | 490100.7 | 7905001.5 | 15.98 |
| BRSS007715 | 490200.5 | 7905001.3 | 18.18 |
| BRSS007716 | 490297.5 | 7905001.1 | 15.07 |
| BRSS007717 | 490399.7 | 7904998.3 | 15.81 |
| BRSS007718 | 490499.2 | 7904997.7 | 15.27 |
| BRSS007719 | 490603.5 | 7904996.1 | 10.49 |
| BRSS007720 | 490550.8 | 7904904 | 12.85 |
| BRSS007721 | 490449.2 | 7904895.1 | 12.80 |
| BRSS007722 | 490343.7 | 7904900.9 | 11.57 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007723 | 490254.1 | 7904902.5 | 10.33 |
| BRSS007724 | 490150.5 | 7904899.7 | 12.07 |
| BRSS007725 | 490054.2 | 7904896.8 | 19.82 |
| BRSS007726 | 489951 | 7904901.3 | 16.76 |
| BRSS007727 | 489849.2 | 7904902.5 | 11.09 |
| BRSS007728 | 489751.1 | 7904902.4 | 16.21 |
| BRSS007729 | 489650.9 | 7904896.9 | 8.73 |
| BRSS007730 | 489553.9 | 7904901.3 | 10.20 |
| BRSS007731 | 489700.9 | 7904799.4 | 14.15 |
| BRSS007732 | 489796.1 | 7904799.7 | 8.76 |
| BRSS007733 | 489899.4 | 7904799 | 10.23 |
| BRSS007734 | 489998.9 | 7904800.9 | 15.23 |
| BRSS007735 | 490103.6 | 7904799.9 | 11.48 |
| BRSS007736 | 490200.5 | 7904800.6 | 13.47 |
| BRSS007737 | 490302.5 | 7904803.6 | 12.29 |
| BRSS007738 | 490402.6 | 7904805.1 | 9.96 |
| BRSS007739 | 490496.8 | 7904801.9 | 13.30 |
| BRSS007740 | 490601.3 | 7904800.5 | 15.74 |
| BRSS007741 | 490555.6 | 7904704.1 | 17.09 |
| BRSS007742 | 490443.4 | 7904694.3 | 15.83 |
| BRSS007743 | 490352.8 | 7904704.6 | 15.33 |
| BRSS007744 | 490253.6 | 7904701.3 | 15.06 |
| BRSS007745 | 490147.9 | 7904705 | 16.28 |
| BRSS007746 | 490055 | 7904700.7 | 17.29 |
| BRSS007747 | 489949.2 | 7904702.4 | 8.70 |
| BRSS007748 | 489852.6 | 7904697.9 | 16.37 |
| BRSS007749 | 489755.7 | 7904699.7 | 12.63 |
| BRSS007750 | 489700.6 | 7904604.7 | 27.21 |
| BRSS007751 | 489797.4 | 7904598.4 | 32.94 |
| BRSS007752 | 489899.6 | 7904601.7 | 17.71 |
| BRSS007753 | 490001.7 | 7904605.3 | 24.00 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007754 | 490098.6 | 7904602.6 | 17.25 |
| BRSS007755 | 490197.9 | 7904594.1 | 15.26 |
| BRSS007756 | 490301.1 | 7904598.2 | 14.18 |
| BRSS007757 | 490396.5 | 7904597.8 | 18.07 |
| BRSS007758 | 490504.9 | 7904596.9 | 20.20 |
| BRSS007759 | 490596.9 | 7904602.1 | 22.57 |
| BRSS007760 | 490551.7 | 7904501.1 | 17.38 |
| BRSS007761 | 490446.1 | 7904502.3 | 12.81 |
| BRSS007762 | 490503.8 | 7904400.1 | 18.51 |
| BRSS007763 | 490597 | 7904400.5 | 15.80 |
| BRSS007764 | 491603.2 | 7903201 | 17.56 |
| BRSS007765 | 491504.8 | 7903197.4 | 27.55 |
| BRSS007766 | 491404.6 | 7903198.6 | 22.74 |
| BRSS007767 | 491297.7 | 7903199 | 28.82 |
| BRSS007768 | 491197.4 | 7903205.5 | 21.59 |
| BRSS007769 | 491108.9 | 7903197.2 | 19.12 |
| BRSS007770 | 491003.8 | 7903199.4 | 19.82 |
| BRSS007771 | 490901 | 7903199 | 18.90 |
| BRSS007772 | 490803.8 | 7903195.2 | 22.24 |
| BRSS007773 | 490711.8 | 7903199 | 19.33 |
| BRSS007774 | 490602.4 | 7903199.4 | 16.17 |
| BRSS007775 | 490504.7 | 7903200.7 | 15.83 |
| BRSS007776 | 490405.9 | 7903200.7 | 17.55 |
| BRSS007777 | 490302.8 | 7903203.2 | 17.14 |
| BRSS007778 | 490202.1 | 7903203.4 | 15.10 |
| BRSS007779 | 490151.4 | 7903104.1 | 16.47 |
| BRSS007780 | 490250.5 | 7903104.8 | 16.51 |
| BRSS007781 | 490352.8 | 7903097.9 | 16.60 |
| BRSS007782 | 490452 | 7903096.8 | 16.89 |
| BRSS007783 | 490554.9 | 7903103.7 | 19.99 |
| BRSS007784 | 490654.8 | 7903100.1 | 23.91 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007785 | 490753.3 | 7903103.7 | 20.00 |
| BRSS007786 | 490849.2 | 7903103.4 | 22.04 |
| BRSS007787 | 490953.2 | 7903108 | 6.49 |
| BRSS007788 | 491049.7 | 7903101.1 | 11.42 |
| BRSS007789 | 491154.5 | 7903104.4 | 3.66 |
| BRSS007790 | 491251.2 | 7903103.7 | 8.80 |
| BRSS007791 | 491352.4 | 7903099.4 | 23.33 |
| BRSS007792 | 491456 | 7903102 | 12.22 |
| BRSS007793 | 491549.4 | 7903102.8 | 11.22 |
| BRSS007794 | 491599.2 | 7903001.7 | 5.02 |
| BRSS007795 | 491497.4 | 7903002 | 5.34 |
| BRSS007796 | 491398.3 | 7902999.3 | 4.82 |
| BRSS007797 | 491299 | 7902996.9 | 6.24 |
| BRSS007798 | 491194.4 | 7903005.9 | 3.80 |
| BRSS007799 | 491099 | 7903004.9 | 4.22 |
| BRSS007800 | 491001.9 | 7902999.7 | 12.39 |
| BRSS007801 | 490903.3 | 7903002.7 | 3.87 |
| BRSS007802 | 490804.7 | 7902999.6 | 8.06 |
| BRSS007803 | 490697.1 | 7902996.5 | 12.05 |
| BRSS007804 | 490606.1 | 7903005.4 | 11.73 |
| BRSS007805 | 490505.3 | 7903002.5 | 7.88 |
| BRSS007806 | 490405.6 | 7902999.4 | 11.78 |
| BRSS007807 | 490305.1 | 7903000.2 | 18.28 |
| BRSS007808 | 490202.9 | 7903001.4 | 6.37 |
| BRSS007809 | 490095.5 | 7903001.4 | 14.79 |
| BRSS007810 | 490001.4 | 7903001.8 | 12.28 |
| BRSS007811 | 489949.5 | 7902901 | 13.19 |
| BRSS007812 | 490062.4 | 7902901.5 | 14.73 |
| BRSS007813 | 490149.7 | 7902903 | 6.57 |
| BRSS007814 | 490252.7 | 7902901.7 | 4.34 |
| BRSS007815 | 490352.4 | 7902901.7 | 14.12 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007816 | 490449.2 | 7902902.2 | 12.49 |
| BRSS007817 | 490549.4 | 7902903.5 | 9.46 |
| BRSS007818 | 490649.3 | 7902903.9 | 8.36 |
| BRSS007819 | 490758.6 | 7902895.4 | 6.09 |
| BRSS007820 | 490850 | 7902899.1 | 7.84 |
| BRSS007821 | 490948.7 | 7902908.6 | 22.07 |
| BRSS007822 | 491055 | 7902899.3 | 18.11 |
| BRSS007823 | 491151.5 | 7902906.7 | 12.20 |
| BRSS007824 | 491246.3 | 7902900.1 | 14.79 |
| BRSS007825 | 491351.8 | 7902903 | 18.52 |
| BRSS007826 | 491450.1 | 7902905.2 | 15.28 |
| BRSS007827 | 491553.1 | 7902904.9 | 13.93 |
| BRSS007828 | 491598.6 | 7902791.8 | 12.05 |
| BRSS007829 | 491503.3 | 7902802.2 | 16.34 |
| BRSS007830 | 491405 | 7902802.4 | 16.86 |
| BRSS007831 | 491302.5 | 7902804.2 | 16.51 |
| BRSS007832 | 491199.9 | 7902807.2 | 17.71 |
| BRSS007833 | 491105.1 | 7902801.8 | 22.04 |
| BRSS007834 | 491006 | 7902802.5 | 16.71 |
| BRSS007835 | 490904 | 7902800.7 | 16.60 |
| BRSS007836 | 490807 | 7902803.4 | 15.41 |
| BRSS007837 | 490703.8 | 7902800.2 | 16.24 |
| BRSS007838 | 490600.5 | 7902802.5 | 13.06 |
| BRSS007839 | 490507.4 | 7902807.8 | 21.58 |
| BRSS007840 | 490400.5 | 7902805.1 | 20.63 |
| BRSS007841 | 490305.8 | 7902799.1 | 16.87 |
| BRSS007842 | 490201.4 | 7902805.1 | 14.96 |
| BRSS007843 | 490100.9 | 7902802 | 14.45 |
| BRSS007844 | 490004.7 | 7902803.2 | 15.44 |
| BRSS007845 | 489905.3 | 7902800.6 | 13.51 |
| BRSS007846 | 488954.3 | 7902700 | 17.11 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007847 | 488846.5 | 7902704.7 | 18.75 |
| BRSS007848 | 488750.9 | 7902703.7 | 15.34 |
| BRSS007849 | 488653.9 | 7902700.8 | 13.00 |
| BRSS007850 | 488555.3 | 7902704.1 | 15.09 |
| BRSS007851 | 488447.6 | 7902697.7 | 15.22 |
| BRSS007852 | 488354.5 | 7902701.8 | 18.80 |
| BRSS007853 | 488248.1 | 7902697.5 | 7.86 |
| BRSS007854 | 488150 | 7902701.2 | 16.15 |
| BRSS007855 | 488110.4 | 7902800.2 | 6.24 |
| BRSS007856 | 488209.5 | 7902814 | 19.15 |
| BRSS007857 | 488294.8 | 7902804.6 | 15.04 |
| BRSS007858 | 488399 | 7902795.8 | 19.62 |
| BRSS007859 | 488498.9 | 7902804.5 | 16.42 |
| BRSS007860 | 488603.3 | 7902800 | 20.38 |
| BRSS007861 | 488696 | 7902801.4 | 16.31 |
| BRSS007862 | 488800.5 | 7902803.1 | 20.29 |
| BRSS007863 | 488899 | 7902798.3 | 16.18 |
| BRSS007864 | 488996.5 | 7902797.5 | 16.65 |
| BRSS007865 | 489094.6 | 7902798.8 | 14.14 |
| BRSS007866 | 489201.2 | 7902806.8 | 20.56 |
| BRSS007867 | 489294.4 | 7902797.1 | 13.22 |
| BRSS007868 | 489385.9 | 7902804.7 | 7.03 |
| BRSS007869 | 489504.5 | 7902801.4 | 22.91 |
| BRSS007870 | 489598.1 | 7902801.2 | 14.69 |
| BRSS007871 | 489696.1 | 7902799.3 | 13.12 |
| BRSS007872 | 489643.6 | 7902891.1 | 15.84 |
| BRSS007873 | 489739.7 | 7902909.6 | 17.70 |
| BRSS007874 | 489841.5 | 7902911.9 | 14.11 |
| BRSS007875 | 489815.3 | 7902791.4 | 24.65 |
| BRSS007876 | 489555.6 | 7902897.5 | 16.53 |
| BRSS007877 | 489454.9 | 7902912.1 | 16.28 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007878 | 489353.4 | 7902894.9 | 16.49 |
| BRSS007879 | 489250.5 | 7902898.4 | 15.05 |
| BRSS007880 | 489159.5 | 7902903 | 19.36 |
| BRSS007881 | 489041.5 | 7902894.2 | 19.98 |
| BRSS007882 | 488955.7 | 7902891.8 | 18.95 |
| BRSS007883 | 488854.1 | 7902888.8 | 18.14 |
| BRSS007884 | 488756.5 | 7902896.1 | 19.88 |
| BRSS007885 | 488659.9 | 7902898.6 | 17.35 |
| BRSS007886 | 488548.8 | 7902902.3 | 23.03 |
| BRSS007887 | 488454.4 | 7902900.7 | 16.63 |
| BRSS007888 | 488351.3 | 7902898.4 | 12.78 |
| BRSS007889 | 488247.8 | 7902902.1 | 17.01 |
| BRSS007890 | 488149.8 | 7902900.9 | 18.25 |
| BRSS007891 | 488102.5 | 7903003.2 | 16.93 |
| BRSS007892 | 488202 | 7903005.8 | 17.25 |
| BRSS007893 | 488295.7 | 7903004.1 | 16.53 |
| BRSS007894 | 488405.3 | 7902994.8 | 17.09 |
| BRSS007895 | 488500.8 | 7903001.5 | 15.43 |
| BRSS007896 | 488593.7 | 7903005 | 20.42 |
| BRSS007897 | 488701.8 | 7903001.5 | 17.84 |
| BRSS007898 | 488799.9 | 7903013.5 | 19.12 |
| BRSS007899 | 488897.6 | 7902996.9 | 18.40 |
| BRSS007900 | 488992.7 | 7902996.1 | 19.88 |
| BRSS007901 | 489101.9 | 7902992.4 | 15.12 |
| BRSS007902 | 489199.4 | 7902990.8 | 18.16 |
| BRSS007903 | 489294.6 | 7902999.6 | 21.32 |
| BRSS007904 | 489391.6 | 7903005.9 | 20.07 |
| BRSS007905 | 489495.4 | 7903002.5 | 23.46 |
| BRSS007906 | 489599.9 | 7903003 | 26.06 |
| BRSS007907 | 489695.3 | 7903006 | 12.88 |
| BRSS007908 | 489658.4 | 7903094.6 | 18.93 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007909 | 489251.9 | 7903111.9 | 18.66 |
| BRSS007910 | 489348 | 7903108.7 | 18.92 |
| BRSS007911 | 489444.1 | 7903105.4 | 17.15 |
| BRSS007912 | 489202.2 | 7903197.2 | 16.71 |
| BRSS007913 | 489302.3 | 7903200.6 | 18.22 |
| BRSS007914 | 489399.6 | 7903201.7 | 18.43 |
| BRSS007915 | 489490.6 | 7903211.1 | 22.63 |
| BRSS007916 | 489256.1 | 7903300.4 | 19.32 |
| BRSS007917 | 489355.5 | 7903291.8 | 19.15 |
| BRSS007918 | 489443.6 | 7903296 | 17.81 |
| BRSS007919 | 489545.6 | 7903298 | 18.36 |
| BRSS007920 | 489502 | 7903401.1 | 20.73 |
| BRSS007921 | 489403.6 | 7903404.5 | 18.77 |
| BRSS007922 | 489295.6 | 7903414.1 | 16.68 |
| BRSS007923 | 489199.5 | 7903395.7 | 18.59 |
| BRSS007924 | 489595.8 | 7903395.2 | 14.69 |
| BRSS007925 | 489701.8 | 7903396 | 13.40 |
| BRSS007926 | 489796.7 | 7903397.6 | 10.05 |
| BRSS007927 | 489895.1 | 7903403.3 | 8.21 |
| BRSS007928 | 489997.1 | 7903402.5 | 12.42 |
| BRSS007929 | 490097.5 | 7903404.1 | 6.55 |
| BRSS007930 | 490045.1 | 7903307.7 | 9.04 |
| BRSS007931 | 489937.8 | 7903304.7 | 8.80 |
| BRSS007932 | 489863.9 | 7903292.2 | 11.54 |
| BRSS007933 | 489759.2 | 7903301.2 | 8.73 |
| BRSS007934 | 489650.9 | 7903305.7 | 8.72 |
| BRSS007935 | 489600.7 | 7903210.9 | 13.93 |
| BRSS007936 | 489682.5 | 7903198.4 | 11.54 |
| BRSS007937 | 489799.5 | 7903215.2 | 14.56 |
| BRSS007938 | 489894.8 | 7903200.5 | 11.19 |
| BRSS007939 | 489994.3 | 7903210 | 11.87 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007940 | 489952.6 | 7903098.6 | 13.62 |
| BRSS007941 | 489862.6 | 7903100.9 | 9.54 |
| BRSS007942 | 489758.2 | 7903085.1 | 7.42 |
| BRSS007943 | 489807.3 | 7903008.6 | 9.43 |
| BRSS007944 | 489892.6 | 7903006.3 | 12.39 |
| BRSS007945 | 490555.8 | 7903301.5 | 15.10 |
| BRSS007946 | 490455.7 | 7903301.2 | 28.69 |
| BRSS007947 | 490356.2 | 7903304.8 | 12.76 |
| BRSS007948 | 490253.7 | 7903300.7 | 8.34 |
| BRSS007949 | 490158.4 | 7903310.4 | 11.89 |
| BRSS007950 | 490099.2 | 7903216.5 | 11.38 |
| BRSS007951 | 490057.4 | 7903098.1 | 15.52 |
| BRSS007952 | 490208.6 | 7903404.3 | 9.84 |
| BRSS007953 | 490298.6 | 7903401.2 | 14.39 |
| BRSS007954 | 490404.4 | 7903401.7 | 17.03 |
| BRSS007955 | 490498.5 | 7903401.5 | 12.85 |
| BRSS007956 | 490602.8 | 7903401 | 3.02 |
| BRSS007957 | 490553.6 | 7903505 | 8.68 |
| BRSS007958 | 490456.6 | 7903505.6 | 10.07 |
| BRSS007959 | 490345.8 | 7903501.2 | 5.44 |
| BRSS007960 | 490252.9 | 7903508.6 | 3.70 |
| BRSS007961 | 490174.5 | 7903516.6 | 12.69 |
| BRSS007962 | 490197.7 | 7903602.6 | 17.13 |
| BRSS007963 | 490299.4 | 7903601.2 | 6.67 |
| BRSS007964 | 490397.7 | 7903606 | 12.07 |
| BRSS007965 | 490496.5 | 7903603.1 | 2.50 |
| BRSS007966 | 490601 | 7903597.8 | 9.06 |
| BRSS007967 | 490553.9 | 7903702.4 | 6.53 |
| BRSS007968 | 490454.4 | 7903701.8 | 3.17 |
| BRSS007969 | 490355 | 7903704.1 | 18.47 |
| BRSS007970 | 490209.8 | 7903805.6 | 17.18 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS007971 | 490309.3 | 7903815.5 | 10.45 |
| BRSS007972 | 490400 | 7903794.8 | 3.94 |
| BRSS007973 | 490512 | 7903797 | 17.47 |
| BRSS007974 | 490600.9 | 7903800.7 | 3.12 |
| BRSS007975 | 490550.7 | 7903907.3 | 10.72 |
| BRSS007976 | 490442.2 | 7903912.7 | 18.60 |
| BRSS007977 | 490345.8 | 7903893.1 | 7.57 |
| BRSS007978 | 490237 | 7903909.9 | 9.40 |
| BRSS007979 | 490151.8 | 7903895 | 5.85 |
| BRSS007980 | 490053 | 7903914 | 5.21 |
| BRSS007981 | 489964.9 | 7903911.4 | 13.66 |
| BRSS007982 | 490096.9 | 7903812.6 | 4.07 |
| BRSS007983 | 490005.6 | 7903789.7 | 8.91 |
| BRSS007984 | 490242.6 | 7903702.4 | 15.22 |
| BRSS007985 | 490140.6 | 7903703.7 | 10.28 |
| BRSS007986 | 490057.9 | 7903698.8 | 1.67 |
| BRSS007987 | 489960.9 | 7903702.6 | 6.39 |
| BRSS007988 | 489989.4 | 7903606.9 | 9.25 |
| BRSS007989 | 490099.3 | 7903617.5 | 5.48 |
| BRSS007990 | 489911.3 | 7903602.6 | 7.66 |
| BRSS007991 | 490043.7 | 7903506.6 | 12.24 |
| BRSS007992 | 489952.8 | 7903497.6 | 13.48 |
| BRSS007993 | 489853.2 | 7903500.4 | 9.15 |
| BRSS007994 | 489754 | 7903500.9 | 15.65 |
| BRSS007995 | 489551.8 | 7903503.9 | 11.39 |
| BRSS007996 | 489451.7 | 7903513.3 | 11.78 |
| BRSS007997 | 489351.6 | 7903514.8 | 11.45 |
| BRSS007998 | 489248.2 | 7903511 | 9.60 |
| BRSS007999 | 489888.4 | 7903790.8 | 11.76 |
| BRSS008000 | 490602.2 | 7904004.3 | 11.73 |
| BRSS008001 | 490510.4 | 7904003.5 | 10.39 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008002 | 490359.8 | 7904108.3 | 23.73 |
| BRSS008003 | 490451.9 | 7904109 | 9.90 |
| BRSS008004 | 490549.6 | 7904099.3 | 13.95 |
| BRSS008005 | 490604.6 | 7904197.3 | 17.48 |
| BRSS008006 | 490505.8 | 7904205.8 | 8.17 |
| BRSS008007 | 490395.1 | 7904211.5 | 15.37 |
| BRSS008008 | 490307.9 | 7904193.6 | 9.23 |
| BRSS008009 | 490199.7 | 7904194.8 | 12.54 |
| BRSS008010 | 490086.8 | 7904207.8 | 14.43 |
| BRSS008011 | 490052.9 | 7904293.8 | 8.68 |
| BRSS008012 | 490144.3 | 7904304.4 | 13.94 |
| BRSS008013 | 490242.7 | 7904296.4 | 11.64 |
| BRSS008014 | 490354.1 | 7904307.1 | 31.55 |
| BRSS008015 | 490446.2 | 7904306.6 | 15.98 |
| BRSS008016 | 490545.3 | 7904301.2 | 12.73 |
| BRSS008017 | 488841.5 | 7905501.3 | 14.13 |
| BRSS008018 | 488955.1 | 7905500.6 | 14.38 |
| BRSS008019 | 489048.8 | 7905499.1 | 12.49 |
| BRSS008020 | 489144.8 | 7905505.9 | 21.28 |
| BRSS008021 | 489251.3 | 7905499.8 | 15.23 |
| BRSS008022 | 489347.6 | 7905493.7 | 18.49 |
| BRSS008023 | 489450.1 | 7905499.3 | 18.04 |
| BRSS008024 | 489495 | 7905407 | 15.02 |
| BRSS008025 | 489405.9 | 7905396.7 | 17.74 |
| BRSS008026 | 489303.4 | 7905400 | 18.26 |
| BRSS008027 | 489201.9 | 7905401.3 | 13.26 |
| BRSS008028 | 489105.9 | 7905397.2 | 14.52 |
| BRSS008029 | 489003.6 | 7905404.3 | 14.53 |
| BRSS008030 | 488902.2 | 7905398.5 | 12.21 |
| BRSS008031 | 488849.4 | 7905301.2 | 4.48 |
| BRSS008032 | 488944.5 | 7905304.4 | 15.12 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008033 | 489052.9 | 7905304.6 | 15.48 |
| BRSS008034 | 489162.3 | 7905314.1 | 17.98 |
| BRSS008035 | 489249.5 | 7905302.7 | 18.24 |
| BRSS008036 | 489349.1 | 7905304 | 7.64 |
| BRSS008037 | 489445.4 | 7905298.3 | 18.26 |
| BRSS008038 | 489554.3 | 7905294.8 | 14.40 |
| BRSS008039 | 489597.2 | 7905195.5 | 17.68 |
| BRSS008040 | 489506.1 | 7905196.1 | 16.55 |
| BRSS008041 | 489402.3 | 7905198.3 | 18.98 |
| BRSS008042 | 489306.3 | 7905202.7 | 17.04 |
| BRSS008043 | 489202.8 | 7905203.7 | 18.88 |
| BRSS008044 | 489102.7 | 7905191.5 | 16.81 |
| BRSS008045 | 489004.2 | 7905209.7 | 17.17 |
| BRSS008046 | 488912.2 | 7905202.9 | 15.18 |
| BRSS008047 | 488847.4 | 7905099.1 | 12.35 |
| BRSS008048 | 488947.4 | 7905104.5 | 16.82 |
| BRSS008049 | 489051.9 | 7905095.8 | 13.44 |
| BRSS008050 | 489145.4 | 7905100.1 | 8.66 |
| BRSS008051 | 489249.8 | 7905100 | 15.65 |
| BRSS008052 | 489346.4 | 7905101.3 | 16.34 |
| BRSS008053 | 489446.2 | 7905103.7 | 16.52 |
| BRSS008054 | 489546.3 | 7905102.9 | 18.43 |
| BRSS008055 | 489642.8 | 7905108.2 | 17.25 |
| BRSS008056 | 489457 | 7904909.6 | 16.54 |
| BRSS008057 | 489586.7 | 7904999.8 | 15.18 |
| BRSS008058 | 489504.2 | 7904994.7 | 18.80 |
| BRSS008059 | 489402.2 | 7905004.2 | 18.79 |
| BRSS008060 | 489307 | 7905008.8 | 7.21 |
| BRSS008061 | 489204 | 7905005.7 | 18.25 |
| BRSS008062 | 489108.4 | 7905002.4 | 17.67 |
| BRSS008063 | 489008.7 | 7905000 | 18.50 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008064 | 488910.4 | 7905002.1 | 18.99 |
| BRSS008065 | 488857 | 7904900.3 | 19.65 |
| BRSS008066 | 488896.9 | 7904813.7 | 4.80 |
| BRSS008067 | 488956.2 | 7904890.8 | 18.96 |
| BRSS008068 | 489047.7 | 7904897.5 | 19.53 |
| BRSS008069 | 489156.6 | 7904888 | 19.86 |
| BRSS008070 | 489248.8 | 7904910.6 | 10.24 |
| BRSS008071 | 489345.3 | 7904893.3 | 14.53 |
| BRSS008072 | 489400.3 | 7904815.4 | 12.69 |
| BRSS008073 | 489307.6 | 7904803.1 | 7.66 |
| BRSS008074 | 489206.5 | 7904794.5 | 19.05 |
| BRSS008075 | 489099.4 | 7904810.8 | 18.03 |
| BRSS008076 | 489002.5 | 7904803.8 | 20.30 |
| BRSS008077 | 489245.8 | 7904694.6 | 22.07 |
| BRSS008078 | 489348.2 | 7904696.5 | 19.67 |
| BRSS008079 | 489445 | 7904698.7 | 12.95 |
| BRSS008080 | 489495.8 | 7904786.8 | 20.90 |
| BRSS008081 | 489606.6 | 7904817.7 | 18.68 |
| BRSS008082 | 489555 | 7904696.6 | 16.88 |
| BRSS008083 | 489642.4 | 7904698.7 | 10.32 |
| BRSS008084 | 489595.2 | 7904601.2 | 9.51 |
| BRSS008085 | 489509.1 | 7904596.6 | 14.54 |
| BRSS008086 | 489405 | 7904596.2 | 15.87 |
| BRSS008087 | 489305.7 | 7904595.4 | 8.13 |
| BRSS008088 | 489201.6 | 7904602.2 | 10.43 |
| BRSS008089 | 489246.5 | 7904508.2 | 19.91 |
| BRSS008090 | 489343.1 | 7904499.4 | 13.37 |
| BRSS008091 | 489449 | 7904503.2 | 11.84 |
| BRSS008092 | 489544.4 | 7904499.3 | 9.97 |
| BRSS008093 | 489662.3 | 7904503.7 | 19.64 |
| BRSS008094 | 489747.5 | 7904501.2 | 7.84 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008095 | 489852.9 | 7904502.5 | 9.43 |
| BRSS008096 | 489950.7 | 7904499.6 | 10.15 |
| BRSS008097 | 490053.3 | 7904488.8 | 11.64 |
| BRSS008098 | 490147.5 | 7904502.2 | 9.80 |
| BRSS008099 | 490251.2 | 7904502.1 | 14.11 |
| BRSS008100 | 490360 | 7904502.6 | 4.57 |
| BRSS008101 | 490391 | 7904404.1 | 16.33 |
| BRSS008102 | 490294.2 | 7904406.7 | 16.19 |
| BRSS008103 | 490205.9 | 7904407.6 | 9.83 |
| BRSS008104 | 490104.4 | 7904403.5 | 8.60 |
| BRSS008105 | 490006.5 | 7904406.1 | 11.42 |
| BRSS008106 | 489906 | 7904411.8 | 3.81 |
| BRSS008107 | 489807.9 | 7904404.3 | 3.57 |
| BRSS008108 | 489705.2 | 7904407.4 | 17.16 |
| BRSS008109 | 489589.3 | 7904406.7 | 17.23 |
| BRSS008110 | 489503 | 7904393.7 | 6.14 |
| BRSS008111 | 489403.4 | 7904403.7 | 13.26 |
| BRSS008112 | 489302.9 | 7904402.1 | 4.58 |
| BRSS008113 | 489204.3 | 7904394.1 | 14.64 |
| BRSS008114 | 489250.2 | 7904311.9 | 12.82 |
| BRSS008115 | 489348.5 | 7904312.4 | 16.21 |
| BRSS008116 | 489455.1 | 7904296.1 | 17.47 |
| BRSS008117 | 489542.1 | 7904297.5 | 16.78 |
| BRSS008118 | 489491.3 | 7904200.2 | 8.70 |
| BRSS008119 | 489398.5 | 7904202.8 | 19.35 |
| BRSS008120 | 489295.4 | 7904206.9 | 9.65 |
| BRSS008121 | 489203.5 | 7904206.1 | 12.92 |
| BRSS008122 | 489245.7 | 7904109 | 18.62 |
| BRSS008123 | 489352.5 | 7904093.1 | 17.44 |
| BRSS008124 | 489457.6 | 7904096.3 | 18.21 |
| BRSS008125 | 489539.8 | 7904092.5 | 19.88 |

| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008126 | 489496.3 | 7903998.4 | 18.03 |
| BRSS008127 | 489404.4 | 7904000.8 | 19.46 |
| BRSS008128 | 489304.7 | 7904006 | 11.76 |
| BRSS008129 | 489203.4 | 7904000.8 | 18.58 |
| BRSS008130 | 489263.1 | 7903897.1 | 14.10 |
| BRSS008131 | 489348.9 | 7903904.6 | 16.79 |
| BRSS008132 | 489453.4 | 7903899.6 | 16.26 |
| BRSS008133 | 489547.2 | 7903897.1 | 14.66 |
| BRSS008134 | 489501.3 | 7903805.3 | 12.37 |
| BRSS008135 | 489407.3 | 7903800.6 | 17.87 |
| BRSS008136 | 489306.5 | 7903802.3 | 12.46 |
| BRSS008137 | 489205 | 7903799.2 | 16.56 |
| BRSS008138 | 489253.8 | 7903696.6 | 11.88 |
| BRSS008139 | 489351.3 | 7903703.4 | 18.68 |
| BRSS008140 | 489443.2 | 7903706.8 | 16.09 |
| BRSS008141 | 489547.9 | 7903697.2 | 8.37 |
| BRSS008142 | 489594.1 | 7903620.9 | 12.38 |
| BRSS008143 | 489506.4 | 7903603.8 | 16.63 |
| BRSS008144 | 489394.5 | 7903613.3 | 15.75 |
| BRSS008145 | 489288.1 | 7903602.7 | 19.36 |
| BRSS008146 | 489201.2 | 7903608.3 | 14.18 |
| BRSS008147 | 489655.4 | 7904314.4 | 12.20 |
| BRSS008148 | 489743.7 | 7904298.8 | 15.46 |
| BRSS008149 | 489846.2 | 7904303.5 | 23.40 |
| BRSS008150 | 489956.8 | 7904295.6 | 15.62 |
| BRSS008151 | 489999.7 | 7904199.3 | 15.97 |
| BRSS008152 | 489902.9 | 7904202.9 | 16.30 |
| BRSS008153 | 489801.6 | 7904195.5 | 19.38 |
| BRSS008154 | 489846.3 | 7904108.3 | 13.25 |
| BRSS008155 | 489755.3 | 7904102.3 | 11.79 |
| BRSS008156 | 489654.3 | 7904098.1 | 14.12 |

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| Sample ID | East | North | Y (ppm) |
|---|---|---|---|
| BRSS008157 | 489610.5 | 7904201.1 | 16.60 |
| BRSS008158 | 489690.5 | 7904192.8 | 19.39 |
| BRSS008159 | 489610.7 | 7904018.2 | 16.72 |
| BRSS008160 | 489704.8 | 7903995.7 | 16.83 |
| BRSS008161 | 489809.6 | 7903995.9 | 15.76 |
| BRSS008162 | 489902.9 | 7904003.6 | 16.46 |
| BRSS008163 | 489998.6 | 7904004.7 | 18.22 |
| BRSS008164 | 490098.1 | 7903997.7 | 15.63 |
| BRSS008165 | 490194.4 | 7904006.3 | 3.20 |
| BRSS008166 | 490244.5 | 7904100.6 | 15.06 |
| BRSS008167 | 490156 | 7904108.7 | 17.16 |
| BRSS008168 | 490060.8 | 7904101.7 | 14.91 |
| BRSS008169 | 489958.7 | 7904098.3 | 15.55 |
| BRSS008170 | 490290.7 | 7903997.3 | 53.37 |
| BRSS008171 | 490389.1 | 7904013.1 | 15.52 |
| BRSS008172 | 489858.2 | 7903898.5 | 9.74 |
| BRSS008173 | 489764.9 | 7903901.1 | 28.32 |
| BRSS008174 | 489653 | 7903899.9 | 20.98 |
| BRSS008175 | 489602.5 | 7903814.6 | 20.08 |
| BRSS008176 | 489696.3 | 7903805.5 | 21.14 |
| BRSS008177 | 489791.6 | 7903807.8 | 16.77 |
| BRSS008178 | 489839.9 | 7903696 | 15.85 |
| BRSS008179 | 489749.1 | 7903710.4 | 15.22 |
| BRSS008180 | 489660.1 | 7903710.2 | 22.80 |
| BRSS008181 | 489697.6 | 7903611.4 | 16.98 |
| BRSS008182 | 489795.5 | 7903600.5 | 14.92 |
| BRSS008183 | 489655.6 | 7903491.2 | 20.68 |
| BRSS008184 | 489557.5 | 7903109.7 | 21.55 |

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# Appendix 3: JORC Code Table 1.

## Section 1: Sampling Techniques and Data

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sampling techniques* | *Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* | Reverse circulation (RC) holes:<br>• The 33 RC holes reported in the 'greenfields' RC Regional Tracks program were drilled along easy access tracks that intercepted key structural features identified from geophysical work and partly tested previously by soil geochemistry. Of the 33-hole RC Regional Tracks program, all 33 holes were logged for lithological data, 32 holes were sampled and submitted for laboratory analysis, with one hole, (BRR012) abandoned due to unfavourable ground conditions.<br>• This confirmed a new prospect named Vulcan that was previously identified by anomalism in the soil geochemistry.<br>• RC samples were collected through the face-sampling hammer through the return air hose and then split into subsamples by either:<br>○ Static cone splitter at the base of the RC cyclone mounted on-board the rig to produce an original or primary sample, a field duplicate sample, and a coarse reject sample.<br>○ Manual riffle splitter of all sample returned.<br>• Sample weights targeted 2 kg – 5 kg.<br>• The 3,251 assay results received for the period are reported from 32 holes. Results for all samples submitted have been received.<br>Diamond core:<br>• The 17 HQ diamond holes (with PQ collars) for 4184.27 m were drilled into Ripcord (4 holes for 1102.5 m) Dazzler (5 for 1283.53 m) and Rockslider (8 for 1798.24 m) from surface.<br>• 1140 samples for 13 diamond holes were sent for analysis. Results for all samples submitted have been received.<br>• Zones of geological interest and mineralised zones were identified and marked up to geological contacts by geologists.<br>• The core was cut, with half core submitted to an external accredited laboratory for ICP=MS assay analysis, except for field duplicates, which used a further cut of the side to be submitted for analysis into two for a ¼ core duplicate.<br>Soil samples:<br>• 772 UFF soil samples were collected in the south of the Browns Range Project, covering an area between the Dazzler and Cyclops deposits.<br>• UFF Soil samples were collected by digging a hole to a depth of between 15-30 centimetres and collecting approximately 200 grams of material, sieved to -2mm in the field, from the bottom of each hole.<br>• Samples were submitted to Labwest in Malaga for multi-element analysis. 50g subsamples were then sieved at the laboratory to the -2um "Ultrafine" fraction for ICP-MS analysis. |
| | *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* | • Surface diamond and RC holes were angled to intersect the targeted mineralised zones at optimal angles.<br>• RC samples were collected at one metre intervals and subsampled via cone or riffle splitters.<br>• The diamond drill holes sampled and assayed were double or triple tubed HQ sized core.<br>• Diamond core was half-core sampled at nominal one-metre |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | intervals and constrained to geological boundaries where appropriate.<br>• In the field a portable XRF handheld tool was used to provide a preliminary indication of mineralisation and assist with sample selection.<br>• For diamond core, a reading time of 10 seconds was used, with spot readings taken.<br>• The pXRF instrument is calibrated and serviced annually or more frequently. At the start of each sampling session, standards and silica blanks are analysed as a calibration check.<br>• Sampling and assay results are carried out under NTU protocols which include QAQC procedures in line with industry standard practice.<br>• Soil samples were taken on a consistent grid of 100 m by 100 m to ensure unbiasedness of thematic interpolation mapping.<br>• All sampling was carried out under NTU protocols and employed QAQC procedures in line with industry standard practice that are fit for purpose.<br>• NTU's and laboratory QAQC policies were used to monitor and ensure quality results, which include industry standard levels of insertion of standards, blanks, duplicates, repeats, and umpire analyses. |
| | *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.* | Diamond core samples:<br>• Diamond core was drilled using triple tube PQ3 for collar stability and otherwise HQ3 sizes.<br>• Diamond core was half-core sampled at nominal 1 m intervals and constrained to geological boundaries where appropriate.<br>RC samples:<br>• RC samples were collected on one metre intervals and subsampled via cone or riffle splitters to achieve a target 2 kg – 5 kg sample weight.<br>Diamond and RC samples:<br>• Sampling was carried out under NTU protocols and employed QAQC procedures in line with industry good practice.<br>• Samples were submitted to an independent NATA accredited contract laboratory for crushing and pulverising.<br>• Samples up to 3k g were crushed and pulverised in their entirety. Samples above 3 kg were crushed to 2 mm, from which a split up to 3 kg was taken and pulverised, and the coarse reject retained.<br>• The pulverised portion was subsampled for analysis. The portion of the pulp of not consumed by analysis was archived for future reference.<br>• Analysis of the rare earth element suite was conducted using a sodium peroxide fusion digest with Inductively coupled plasma mass spectrometry (ICP-MS).<br>• An extended geochemical suite was used for the RC samples to provide pathfinder exploration assays. Depending on the analyte required, the assaying used either a 4 Acid Digest and Optical Emission Spectroscopy or Aqua Regia Digest with Mass Spectrometry. |
| *Drilling techniques* | *Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit, or other type, whether core is oriented and if so, by what method, etc).* | • Diamond drill holes used HQ sized core, although PQ sized core was used for establishing collar stability, converting to HQ once ground conditions stabilised.<br>• Diamond core was orientated using the Reflex ACT orientation tool.<br>• RC drilling used bit diameters of 140 mm using face sampling hammer with hole depths ranging from 88 m to 108 m. |

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| *Drill sample recovery* | *Method of recording and assessing core and chip sample recoveries and results assessed.* | • Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking. Depths are checked against the depth given on the core blocks and rod counts are routinely carried out by the drillers.<br>• Diamond recovery is measured by measuring the recovered core and comparing with the drilled interval between drillers blocks. Assessment showed that more than 98% of core intervals had recoveries greater than 90%. Recovery near surface<br>• RC recovery was assessed by a combination of weight of bulk sample against a nominal recovery mass, and via subjective assessment based on volume recovered.<br>• RC recoveries were observed to be generally acceptable with recoveries typically 80% or greater.<br>• Sample recoveries for RC and diamond core were digitally recorded in the geologists' logs and entered into the database. |
| | *Measures taken to maximise sample recovery and ensure representative nature of the samples.* | Diamond:<br>• Diamond drilling has utilised triple tube techniques and drilling fluids where required to assist with maximising recoveries in less competent ground.<br>• Diamond core was reconstructed into continuous runs on an angle iron cradle for orientation marking.<br>• Depths are checked against the depth given on the core blocks and rod counts are routinely carried out by the drillers.<br>• Recovered core was measured and compared against driller's blocks.<br><br>RC:<br>• RC sample recoveries were visually checked for recovery, moisture and contamination.<br>• The cyclone and splitter were routinely cleaned, ensuring no material build up. |
| | *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.* | • No relationship has been established between sample recovery and grade. |
| *Logging* | *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* | • Diamond core was geologically and geotechnically logged using predefined lithological, mineralogical, and physical characteristics (such as colour, weathering, fabric) logging codes.<br>• Core trays were photographed after mark-up prior to sampling.<br>• Geotechnical logging of all diamond core consisted of recording core recovery, RQDs, number of fractures, core state (i.e. whole, broken) and hardness. In addition, nine diamond holes (BRWD0026-0034) were drilled specifically for geotechnical purposes and were logged by both NTU geologists and external consultants. Samples were also selected for destructive testing.<br>• RC logging was completed at the rig by the geologist directly onto a laptop in the field using a proprietary geological logging package with in-built validation. Logging information was reviewed by the responsible geologist prior to final load into the database.<br>• RC cuttings were collected into chip trays for each metre interval and the entire tray was photographed.<br>• This detail is considered common industry practice and is at the appropriate level of detail for the purpose. |
| | *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* | • Logging was qualitative in nature except for the determination of core recoveries and geotechnical criteria such as RQD and fracture frequency which was quantitative. |

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| | | Core photos were collected by geologists for all diamond drilling to aid geological interpretation. |
| | *The total length and percentage of the relevant intersections logged.* | • All recovered intervals from drill holes were geologically logged in full. |
| *Sub-sampling techniques and sample preparation* | *If core, whether cut or sawn and whether quarter, half or all cores taken.* | • Diamond core was cut in half using an electric core saw.<br>• Sample intervals were marked on the core by the responsible geologist considering lithological and structural features, together with indicative results from handheld XRF measurements.<br>• Core selected for duplicate analysis was further cut to quarter core with both quarters submitted blind individually for analysis. Where possible, core was sampled to leave the orientation line in the core tray.<br>• Half and quarter core has been retained. |
| | *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* | • RC samples were collected from the full recovered interval by either riffle splitting or using a static cone splitter.<br>• Most samples were collected dry with a minor number being moist due to ground conditions or excessive dust suppression.<br>• Samples were split without drying. |
| | *For all sample types, the nature, quality, and appropriateness of the sample preparation technique.* | • The sample preparation techniques employed for the samples follow industry standard practice at Intertek Genalysis Laboratory.<br>• Samples were oven dried, crushed if required and pulverised prior to a pulp packet being removed for analysis.<br>• Sample sizes are considered appropriate to correctly represent mineralisation based on the style of mineralisation, the thickness and consistency of the intersections, the sampling methodology, and assay value ranges. |
| | *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* | • As a NATA accredited testing authority, the laboratory undertook industry standard QAQC to ensure sample representivity. |
| | *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* | • Field duplicates were regularly taken from RC samples.<br>• Duplicate analysis was performed on diamond core, where two quarter cores over the same interval were independently assayed. For diamond core samples, 634 pairs were available.<br>• Field duplicate insertion rates for RC and diamond core targeted 1:20, with increased frequency in mineralized zones. |
| | *Whether sample sizes are appropriate to the grain size of the material being sampled.* | • Sample sizes are appropriate for the grain size of the material being sampled. |
| *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.* | Diamond and RC:<br>• Samples assayed by Genalysis for rare earth elements were fused with sodium peroxide within a nickel crucible and dissolved with hydrochloric acid for analysis. Fusion digestion ensures complete dissolution of the refractory minerals such as xenotime, which are only partially dissolved if the pulp is digested in acids. The digestion solution, suitably diluted, is analysed by ICP Mass Spectroscopy (ICP-MS) for the determination of the REE (La – Lu) plus Y, Th and U.<br><br>Soil samples:<br>• The Ultrafine soil technique utilises a 50g subsample from which a - 2 micron fraction is extracted.<br>• The -2 micron fraction then underwent multielement analysis using a multi-acid digest with an Inductively Coupled Plasma – Mass Spectrometry (ICP-MS) or Optical Emission Spectrometry (ICP-OES) finish for a suite of 62 elements. Code (UFF-MMA-04).<br>• The method is a partial digest for more resistive / refractory minerals such as xenotime or zircon. |

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| | *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.* | Diamond and RC:<br>• Northern Minerals extensively uses portable X-ray fluorescence (pXRF) technology.<br>• In the field a series of Niton (XL3T-950 GOLDD+) and Olympus Vanta XRF handheld tools were used to assist with the identification of mineralised zones for sample collection and submission.<br>• A reading time of 30 seconds was used, with readings taken for every metre of RC drilling.<br>• Intervals for which readings returned yttrium (Y) of 200 ppm or greater, or at geologist discretion such as within mineralised zones, were selected for analysis. |
| | *Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.* | Diamond and RC:<br>• Certified reference materials, using values across the range of mineralisation, were inserted randomly.<br>• Insertion rates targeted 1:20 for duplicates, blanks, and standards, with increased frequency in mineralised zones.<br>• Results highlight that sample assay values are suitably accurate and unbiased. Blanks were inserted in the field and developed from local host rock following chemical analysis.<br>• Laboratory QAQC involves the use of internal lab standards using certified reference material, blanks, splits, and replicates as part of the in-house procedures.<br>• Umpire laboratory campaigns are used to routinely conduct round robin analysis. Results of round robin analysis are acceptable.<br>• Certified reference materials demonstrate that sample assay values are accurate.<br>Soil samples:<br>• Samples were prepared and analysed as per the laboratory's own, standard QA/QC procedures including CRM's and blank material to monitor laboratory performance. |
| *Verification of sampling and assaying* | *The verification of significant intersections by either independent or alternative company personnel.* | • Diamond drill core photographs have been reviewed for the recorded sample intervals.<br>• High range values are routinely resubmitted for repeat analysis with results comparing within acceptable limits. |
| | *The use of twinned holes.* | • No twinned holes were drilled for the exploration. |
| | *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* | Diamond and RC:<br>• Geological field data was collected into a proprietary logging package (OCRIS) with in-built validation.<br>• All data was checked by the responsible geologist and digitally transferred to Perth for loading to the database.<br>• Datashed is used as the database storage and management software and incorporates numerous data validation and integrity checks, using a series of defined data loading tools.<br>• Data is stored on a secure company owned SQL server subject to electronic backup offsite.<br>Soil samples:<br>• Sample information collected in the field was initially handwritten onto printed templates. This information was compiled by a Senior Geologist onto an Excel template and verified by the exploration manager before being imported to NTU's SQL database. Electronic copies of the field and data entry templates are stored on the NTU's network directory. |
| | *Discuss any adjustment to assay data.* | Diamond and RC:<br>• The assay data were reported as both elemental assays and oxides rare earth elements.<br>• Oxide calculations from REE to REO were completed by the laboratory using the equivalent oxide compound and checked by Northern Minerals. No issues were identified.<br>• The oxides were calculated from the element according to the following factors below: $CeO_2$ –1.2284, $Dy_2O_3$ – 1.1477, |

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| | | $Er_2O_3$ – 1.1435, $Eu_2O_3$ – 1.1579, $Gd_2O_3$ – 1.1526, $Ho_2O_3$ – 1.1455, $La_2O_3$ – 1.1728, $Lu_2O_3$ – 1.1371, $Nd_2O_3$ – 1.1664, $Pr_6O_{11}$ – 1.2082, $Sm_2O_3$ – 1.1596, $Tb_4O_7$ – 1.1421, $Tm_2O_3$ – 1.1421, $Y_2O_3$ – 1.2699, $Yb_2O_3$ – 1.1387 |
| *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.* | Diamond and RC:<br>• Drill collar locations have been surveyed with a high accuracy KGPS receiver with an accuracy of +/- 0.02 metres.<br>• Collars were surveyed using a DGPS by Northern Minerals staff, who were trained by contract surveyors.<br>• Diamond down hole surveys were completed by the drilling contractor using an AXIS Champ gyroscope survey tool at the time of drilling.<br>Soil samples:<br>• Final soil sample locations were recorded using handheld Garmin GPS. Expected accuracy is +/ – 5 m for easting and northing. |
| | *Specification of the grid system used.* | • The grid system used is MGA94 Zone 52. All reported coordinates are referenced to this grid. |
| | *Quality and adequacy of topographic control.* | • Topographic surfaces were prepared from LiDAR survey data collected in 2013.<br>• Ground control was established by contract surveyors, which they consider to be better than 20 cm. |
| *Data spacing and distribution* | *Data spacing for reporting of Exploration Results.* | Diamond and RC:<br>• Drilling was completed at variable drill spacings and orientations<br>•<br>Soil samples:<br>• Soil samples were collected on an offset 100m by 100m grid. |
| | *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* | • Mineral Resources and Ore Reserves are not being reported. |
| | *Whether sample compositing has been applied* | • No sample compositing applied prior to laboratory analysis. |
| *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.* | Dazzler North and Ripcord:<br>• Diamond drilling was designed at an orientation perpendicular to the interpreted structural and/or lithological trend.<br>• Scissor holes were utilised to obtain information regarding dip orientation of the targeted structures, increasing the likelihood of down-dip sampling of mineralised structures in these holes.<br>Rockslider:<br>• Diamond drilling was designed at an orientation perpendicular to the interpreted structural and/or lithological trend.<br>Regional RC:<br>• Drilling was restricted to existing access tracks, and where interpreted structures were accessible, drilling was oriented normal to the strike. |
| | *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.* | • Current knowledge from analysis during the preparation of other Browns Range MREs indicates that the orientation of drilling with respect to overall structural and lithological trends is not expected to introduce any sampling bias. |
| *Sample security* | *The measures taken to ensure sample security.* | • Chain of custody was managed by NTU.<br>• Samples were collected on site under supervision of a |

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| | | responsible geologist and stored in bulk bags on site prior to transport by company truck or utility to Halls Creek commercial transport yard.<br>• The samples were stored in a secure area until loaded and delivered to Labwest or Genalysis Laboratories in Perth. Laboratory dispatch sheets are completed and forwarded electronically as well as being placed with transported samples.<br>• Dispatch sheets are compared against received samples and discrepancies reported and corrected. |
| *Audits or reviews* | *The results of any audits or reviews of sampling techniques and data.* | • Internal review by the Competent Persons and senior geological staff of the techniques, data integrity, and consistency of the drilling data and drill hole database shows sufficient quality to support exploration results and estimation of Mineral Resources.<br>• External reviews in 2022, 2024, and 2025 by internationally recognised mining and exploration industry consultants on Wolverine MRE data collection and storage systems and procedures that were identical or contemporaneous to Wolverine MREs in 2022 and 2025 found no material risks for reporting exploration results and Mineral Resources. |

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## Section 2: Reporting of Exploration Results

| Criteria | JORC Code explanation | Commentary |
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| *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.*<br>*The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.* | • The works completed covering the drilling and soil sampling programs were at the Company's Browns Range Project approximately 150 km south-east of Halls Creek and adjacent to the Northern Territory border in the Tanami Desert.<br>• Drilling and soil sampling were all completed within recently granted tenement M80/650.<br>• Northern Minerals owns 100% of all mineral rights to M80/650. The tenement extends to the Wolverine deposit and includes the designed Browns Range Project processing facilities and designed mining infrastructure.<br>• The fully determined Jaru Native Title Claim is registered over the Browns Range Project area and the fully determined Tjurabalan claim is located in the south of the project area.<br>• The tenure is held with full security, and no impediments are known to operate in the area. |
| *Exploration done by other parties* | *Acknowledgment and appraisal of exploration by other parties.* | • No previous systematic exploration for REE mineralisation has been completed by other parties prior to Northern Minerals at Browns Range.<br>• Regional exploration for uranium mineralisation was completed in the 1980s without success. |
| *Geology* | *Deposit type, geological setting, and style of mineralisation.* | • The Browns Range prospects are located on the western side of the Browns Range Dome, a Paleoproterozoic dome formed by a granitic core intruding the Paleoproterozoic Browns Range Metamorphics (meta-arkoses, feldspathic meta-sandstones and schists) and an Archaean orthogneiss and schist unit to the south. The dome and its aureole of metamorphics are surrounded by the Mesoproterozoic Gardiner Sandstone (Birrindudu Group). The Browns Range xenotime mineralisation is typically hosted in hydrothermal quartz and hematite veins and breccias within the meta-arkoses of the Archaean Browns Range Metamorphics. Various alteration styles and intensities have been observed; namely silicification, sericitisation and kaolinite alteration.<br>• Cyclops and Rockslider- mineralisation is hosted by a sub-vertical quartz-hematitic fault breccia(s) that trend approximately east-west, within the Browns Range Metamorphics. Mineralisation is again related to the presence of hydrothermal xenotime.<br>• The Dazzler area prospects are located on a scarp slope that marks the unconformity between the younger overlying Gardiner Sandstone and the older Browns Range Metamorphics. At both prospects it is currently unclear what the controls on mineralisation are, however, there is a clear spatial association between the unconformity and the most anomalous zones, with mineralisation occurring in both units above and below the unconformity.<br>• At Banshee, xenotime mineralisation is hosted within coarser grained arkose units of the Browns Range Metamorphics and is considered bedding conformable. |
| *Drill hole information* | *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*<br>*easting and northing of the drill hole collar*<br>*elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* | The body of this report includes tabulations that provide all material summary information required. |

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| | *dip and azimuth of the hole*<br>*down hole length and interception depth*<br>*hole length*<br>*If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.* | |
| *Data aggregation methods* | *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.*<br>*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.*<br>*The assumptions used for any reporting of metal equivalent values should be clearly stated.* | • Significant intercepts for drilling assays are reported ≥0.15% TREO for intervals of ≥2 m with ≤2 m of continuous internal waste.<br>• For the soil samples, to illustrate zones of yttrium continuity in figures, assay data were grouped by grade ranges in Figure 8. No cut-off grade has been applied to the soil sample assay results presented in Table 6.<br>• No other weighting, averaging, or cutting / capping were applied. |
| *Relationship between mineralisation widths and intercept lengths* | *These relationships are particularly important in the reporting of Exploration Results.*<br>*If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>*If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').* | • The assay results from drilling reported here are at an early stage of understanding in relation to the mineralisation geometries for each deposit. Therefore, the true widths in relation to the angles of drilling and drill hole mineralisation lengths reported here are not known. |
| *Diagrams* | *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | • Appropriate tables, maps, sections and figures are included in the report. |
| *Balanced Reporting* | *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.*<br>*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.* | • Diamond and RC collars were surveyed by RTK DGPS, which has an accuracy at Browns Range of .<5 cm<br>• Diamond and RC holes were surveyed down hole by the drilling contractor using an industry standard north-seeking gyro.<br>• Soil samples were surveyed using hand-held GPS, which has an accuracy of 5 m. |

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| *Other substantive exploration data* | *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples - size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | All substantive data for this announcement have been reported. Geophysical, hyperspectral, and geomechanical surveys and imaging are being processed for further analysis. |
| *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).*<br>*Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | Rockslider:<br>• Relogging of RC chips for standardisation of previous geological observations with the new diamond core logging will be undertaken to determine if mineralisation controls can be established for drill planning.<br>• Following this, a small RC and DD drilling program will be planned to attempt to improve the understanding of the mineralisation styles (stock-work, breccia, or stratigraphic lodes), structural controls, and, if possible, to define the orientation, extent, and tenor of the mineralisation.<br><br>Vulcan:<br>• Extension of the UFF soil sampling program is planned this FY to determine if the technique identifies anomalies indicating the subsurface mineralisation intercepted by the Regional RC Tracks program.<br>• Following this, a small, follow-up RC and DD drilling campaign will be planned to attempt to define:<br>  ○ The mineralisation extent, trend, and tenor of the deposit.<br>  ○ The structures hosting or controlling the mineralisation.<br>  ○ Whether further mafic andesite mineralisation is present.<br><br>Dazzler and Dazzler–Ripcord:<br>• The Dazzler – Ripcord drilling confirmed the lithostratigraphic architecture extends northwest of the Dazzler MRE (NTU ASX announcement 07 April 2020). The mineralisation intercepted confirmed that the Dazzler MRE volumes are well defined without further need for exploration of near-surface, unconformity hosted mineralisation dominantly in and around the argillite.<br>• Further drilling of the Dazzler – Ripcord trend is not warranted at this stage, but the intercept of the deeper mafic andesite unit first identified by the EIS Dazzler drilling (NTU ASX announcement 16 May 2025) continues to be a focus for the South Domain (around and east of Dazzler) for Browns Range exploration.<br>• The Dazzler Mineral Resource estimate will be updated if in-progress modelling determines material changes exists.<br>• Mining studies for Dazzler will determine if the following are warranted:<br>  ○ Resource development, geotechnical, and hydrogeological drilling<br>  ○ Geotechnical and hydrological studies.<br>  ○ Ore Reserve estimate, if appropriate.<br>  ○ Grade control drilling, should project development warrant it.<br>  ○ Further metallurgical programmes, if required. |

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| | | ○ Infrastructure designs and capital cost estimates for integration of Dazzler with the Browns Range Project processing.<br><br>Soil geochemistry inputs to regional exploration:<br>• Analysis of specific elemental ratios will be used to map the spatial distribution of sub-surface lithologies and structures (sedimentary, mafic, and ultramafic lithologies) to aid exploration targeting.<br><br>Regional targeting:<br>• From the geophysical data, continue investigation of the high priority targets provided by the consultancy for further evaluation.<br>• As the mineral systems analysis of the geological features of the HREE deposits together with new insights gained from the deep drilling programs below the Wolverine and Dazzler deposits have indicated that some of the best HREE targets were not captured by the geophysical targeting exercise, construct more detailed litho-structural maps at the 1:10,000 scale versus the current 1:25,000 scale.<br>• Undertake follow-up field reconnaissance to assess structural controls over HREE mineralisation at the targeted sites.<br>• On completion of the processing of the geomechanical, geophysical, and hyperspectral dataset, data will be used to inform development of a mineral systems model for HREE mineralisation across the Browns Range Dome (BRD) and further south in the Boulder Ridge project area west of the Coomarie Dome.<br>• The re-processed aeromagnetic imagery, new hyperspectral minerals maps, and GMEX modelling will be incorporated into the mineral systems model in tandem with the 2024 litho-structural map of the BRD, to identify the most prospective targets in the Browns Range.<br>• Using the data and knowledge generated about the origin of HREE deposits from the lithospheric processes defined by the mineral systems approach to apply to target the mineralisation processes at the camp scale.<br>• The mappable field proxies generated of these mineralisation processes (specific alteration minerals, aeromagnetic lineaments, key geochemical soil signatures) will be used for exploration targeting and development of accurate local exploration models.<br>• On an ongoing basis, on receipt of AI models, identify relationships, patterns and generate new insights to determine the most prospective HREE targets. Additionally, use the AI models allow the most influential datasets for mineralisation prediction by testing against existing targets, and the new targets, against geological, geochemical and geophysical datasets used to construct the mineral systems model for Browns Range HREE mineralisation. |