ASX: GSN

# ASX Announcement – 18 March 2019



## COBALT-SCANDIUM TARGETS CONFIRMED AT MT WELD PROJECT, WESTERN AUSTRALIA

**Outstanding discovery opportunity from reconnaissance and historical aircore drilling programs.**

**HIGHLIGHTS**

- Exciting new cobalt-scandium- nickel exploration opportunity identified at Great Southern Mining Limited's (GSN) 100%-owned Mt Weld Project immediately adjacent to significant infrastructure and processing mills.
- GSN analysis of reconnaissance aircore drilling undertaken by the previous tenement holders has identified thick mineralised horizons of scandium (Sc) and cobalt (Co) over extensive areas within a well-developed laterite.
- 4m composite assay samples from drilling have returned up to **252 g/t Sc** and **0.35% Co.**
- Outstanding Results include:
    - 12m @ 116 g/t Sc and 4m @ 0.02% Co (MWAC015)
    - 12m @ 132 g/t Sc and 4m @ 0.03% Co (MWAC017)
    - 16m @ 130 g/t Sc and 8m @ 0.04% Co (MWAC021)
    - 4m @ 102 g/t Sc and 4m @ 0.16% Co (MWAC022)
    - 12m @ 164 g/t Sc (MWAC026)
- 8m @ 102 g/t Sc and 12m @ 0.19% Co (MWAC027)
- GSN is currently in the process of re-assaying the samples for multiple elements including platinum and palladium.

Great Southern Mining Limited completed the acquisition of the tenements in November 2018 (refer ASX announcement 1 November 2018). As part of the purchase, GSN was able to acquire the previous owner's exploration data from the drill program undertaken in 2018. A detailed desktop review of the data, together with information available in the public domain in the form of reports lodged on the Project consists of exploration licenses E38/2442; E38/2587 and E38/2856. A map detailing the location of the Mt Weld Project is contained in Figure 1.

**GSN's Executive Chairman, John Terpu, commented:**

*"This is the first time that the tenure has truly been explored for cobalt and scandium. At a reconnaissance stage of exploration, the extent of the mineralisation is encouraging and has potential for a small but exceptionally high grade deposit of what are scarce and valuable commodities. The fact that the tenure is within 15km's of significant processing mills and infrastructure adds to the development potential of the Project. Further drilling programs are being planned at targets on this newly acquired tenure later in 2019."*

**Contact Details**

*Registered Office and Postal Address*
*Suite 4, 213 Balcatta Rd*
*BALCATTA WA 6021*
*Phone: 61 8 9240 4111*
*Fax: 61 8 9240 4054*

***Website***
www.gsml.com.au

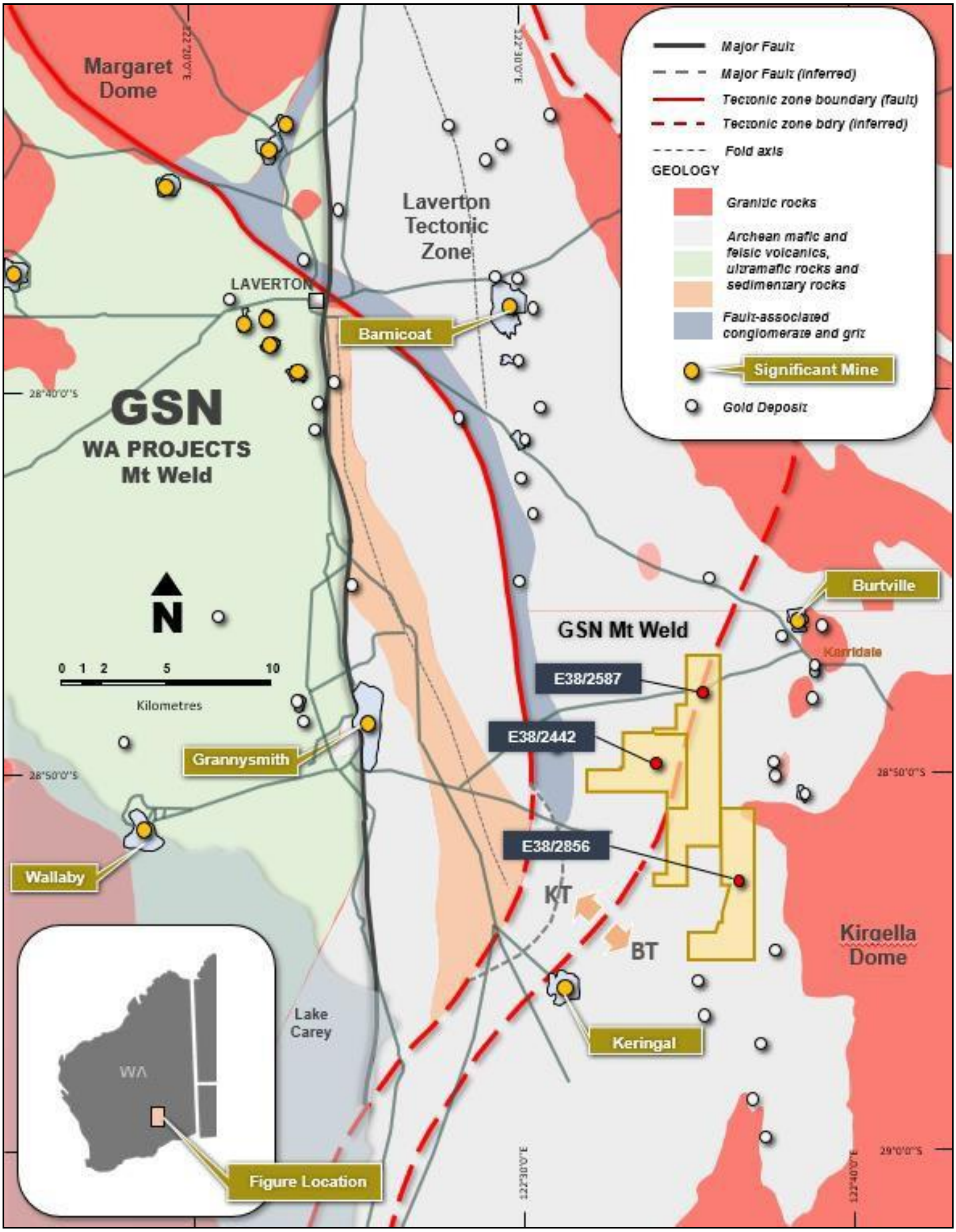


**Figure 1: Location of the Mt Weld Project.**

**Background**

The Mount Weld project covers an area of some 51 $km^2$ and is centred approximately 28 km southeast of Laverton in Western Australia (Figure 2-1). The tenements are within 15kms of several world-class mines and milling operations (Figure 1).

The Project was acquired in September 2018 with completion of the transaction occurring in November 2018. The Project consists of exploration licenses E38/2442, E38/2587 and E38/2856 and was previously owned by Central Australian Rare Earths Pty Ltd (CARE), a wholly owned subsidiary of Strategic Minerals Plc, a company listed on the AIM stock exchange. During the 2018 exploration season one program of aircore drilling was conducted by CARE on the tenements. Forty (40) aircore holes were drilled for a total of 2,573m. The drilling campaign was divided into 4 main target areas, 3 areas targeting Nickel bearing ultramafics and a perimeter, comprising two targets, surrounding the Mt Weld intrusion, testing for rare earth elements (REEs) (Figure 2).

**Historical Exploration Programs**

The tenure was investigated for the presence of radiating dykes from the main intrusive body, possibly carrying concentrations of REEs away from the main ore body.

Two lines were drilled with 6 East-West holes and 5 North-South holes at a nominal spacing of 400m (Figure 3).

The bedrock geology was a consistent mafic package with a fine-medium grained texture and pervasive sub-mm sulphide specks with occasional possible goethite alteration seen as small sub-angular reddish nodules.

Scandium is present in many of the drill holes generally intercepting levels around 60 g/t. Several intercepts exceed this including:

- 16m @ **132 g/t Sc** from 43m(MWAC017);
- 24m @ **120 g/t Sc** from 30m(MWAC021);
- 12m **@ 164 g/t Sc** from 40m(MWAC026);
- 12m @ **100 g/t Sc** from 38m(MWAC029);
- 16m @ **107 g/t Sc** from 16m(MWAC027).

The mineralisation at Mt Weld comprises a lateritic profile developed over Cambrian-age rocks comprising inter-calated basalts, tubidites, and ultramafic complexes. The relative abundances of scandium and cobalt, nickel and potentially platinum and palladium in the mafic to ultramafic rocks have been enriched to higher grades in the lateritic profile due to either a residual or supergene enrichment processes.

The Scandium mineralisation occurs as a 'blanket' either above or co-incident with another blanket of cobalt mineralisation.

The mineralisation is continuous over 1 km along both the east-west and north-south drill lines with potential to both extend the reconnaissance drill pattern and follow up on the better intersections at a closer drill spacing to improve knowledge about the mineralised zone.

**Follow-up work**

GSN has will re-submit certain samples for assay for multiple elements including palladium and platinum and will continue to develop the geological understanding of the project area towards further assessment of the exploration targets with additional aircore drilling.

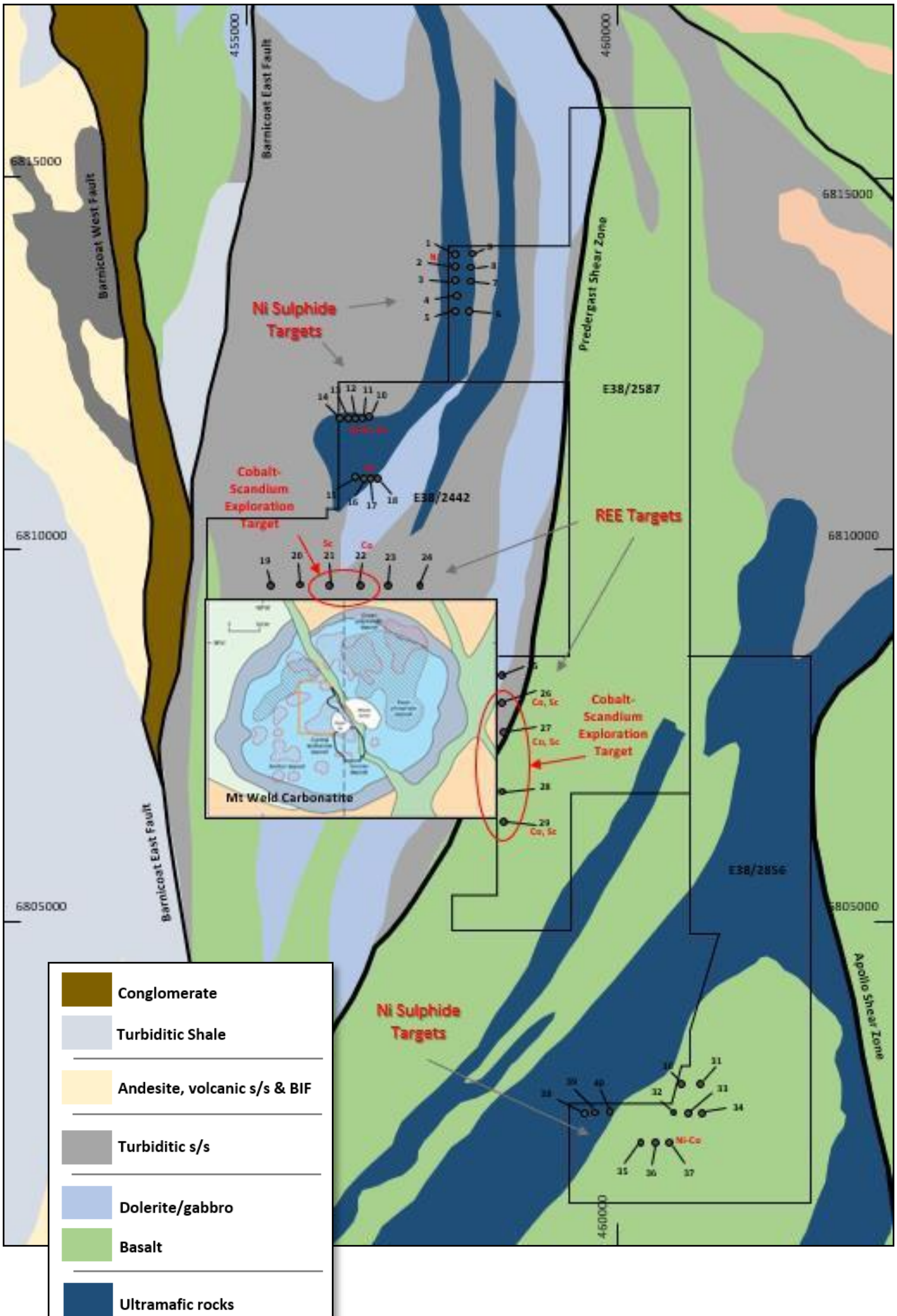


**Figure 2: Regional geology, tenements and air core drill hole locations**

Source: Modified from Standing 2008.

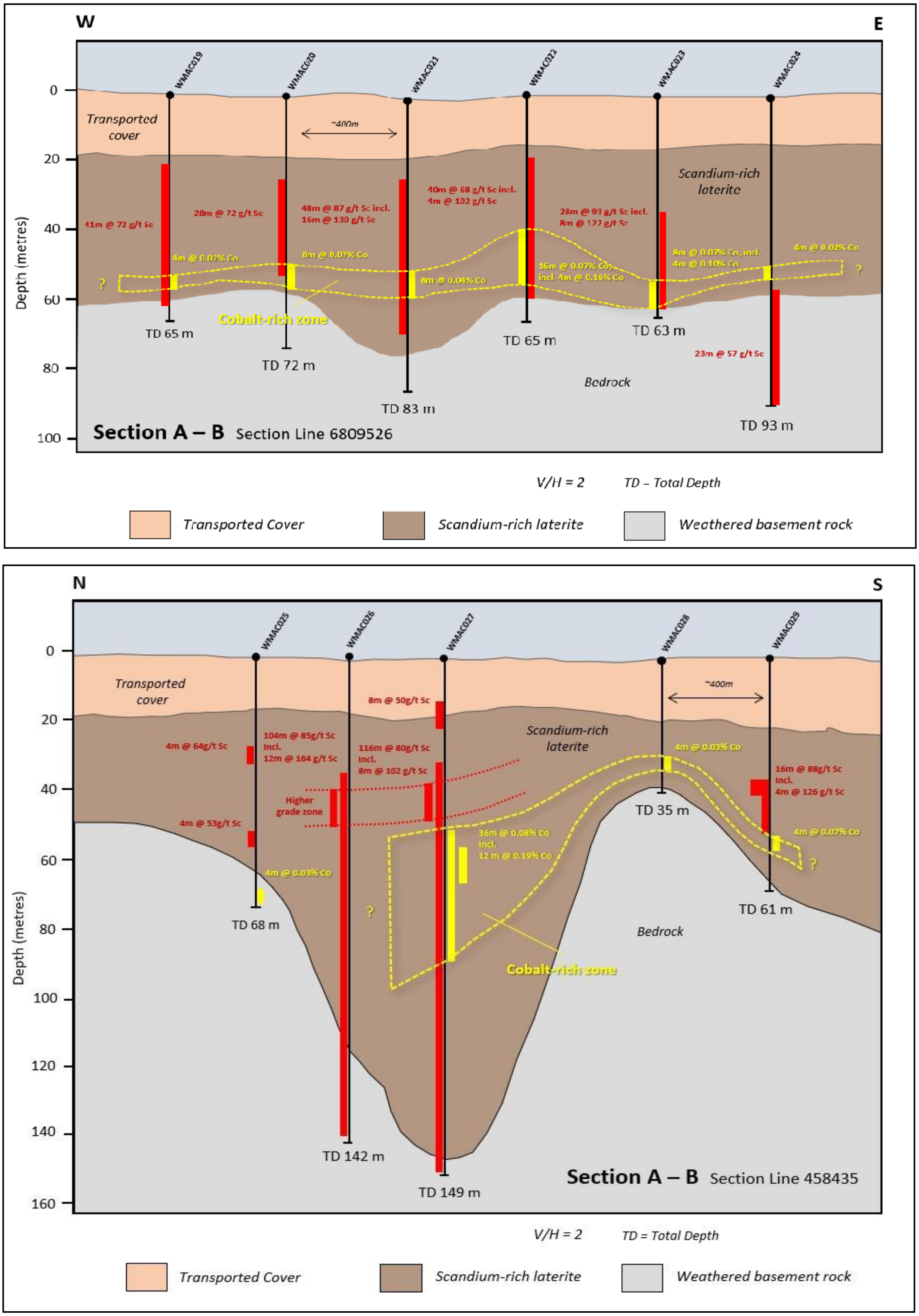


**Figure 3: Interpreted drill section lines with scandium and cobalt mineralisation**

**Competent Person's Statement**

*The information in this report that relates to exploration targets and exploration results on E38/2587, E38/2442 and E38/2856 is based on, and fairly represents, information and supporting documentation compiled by Dr Bryce Healy. Dr Healy is an employee of Noventum Group Pty Ltd (ACN 624 875 323) and has been engaged by Great Southern Mining Limited as Head of Exploration. He has sufficient experience relevant to the style of mineralisation and type of deposit under consideration. Dr Healy is a Member of the Australian Institute of Geoscientists and as such, is a Competent Person for the Reporting of Exploration Results, Mineral Resources and Ore Reserves under the JORC Code (2012). Dr Healy consents to the inclusion in the report of the matters based on his information in the form and context in which they occur.*

## Forward Looking Statements

*Forward- looking statements are only predictions and are not guaranteed. They are subject to known and unknown risks, uncertainties and assumptions, some of which are outside the control of the Company. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward looking statements or other forecast. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause the Company's actual results, performance or achievements to differ from those referred to in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward- looking statements in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, the Company, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will occur as contemplate.*

# About Scandium

Scandium (Element 21 in the periodic table) is a strategic and critical technological metal (a silvery-white metallic transition metal), and has been categorized in the past as a rare earth element (REE).

The use of scandium has been limited by its scarcity and lack of reliable supply. The current total world supply of scandium is estimated to be around five to fifteen tonnes of scandium oxide per annum, all of which is sourced as a byproduct from other metals (nickel in particular).

A scandium deposit with viable grades, large tonnages and easily extractable material is extremely rare and requires a unique geology and ore forming processes, making it a commodity that is difficult to obtain globally in commercial quantities. For this reason the current scandium market is small but has significant potential for growth. High purity scandium oxide (the main ore and the prime source of scandium metal) currently sells at prices in excess of US$2,000/kg depending on product quantity and purity. With scandium being one of the most useful, yet scarce and extremely valuable technological metals, the demand and supply markets is difficult to determine at this point.

Scandium has unique properties as one of the most potent strengthening elements that can be alloyed with aluminum to create stronger master alloys producing lighter weight, higher-strength components and structures with superior weldability, better thermal and corrosion resistance, plus greater durability. These properties are promoting lower cost forming techniques on complex shapes, offering lower cost design.

These properties have applications in, along with huge growth potential, in aerospace and automobile industries, high performance sporting equipment, and in the production of solid oxide fuel cell technology. As the automobile and aerospace industries move to lightweight materials, scandium/aluminum alloys are well positioned to benefit from potentially large markets with high demand and limited supply.

# Appendix 1 – Collar location data, Mt Weld

| Drill hole | Type | Tenement | Easting (mE) | Northing (mN) | RL (mASL) | Depth (m) | Dip (°) | Azimuth (°) |
|---|---|---|---|---|---|---|---|---|
| MWAC001 | AC | E38/2587 | 457795 | 6813962 | 443 | 83 | -90 | 0 |
| MWAC002 | AC | E38/2587 | 457801 | 6813819 | 451 | 73 | -90 | 0 |
| MWAC003 | AC | E38/2587 | 457792 | 6813614 | 438 | 47 | -90 | 0 |
| MWAC004 | AC | E38/2587 | 457797 | 6813407 | 446 | 58 | -90 | 0 |
| MWAC005 | AC | E38/2587 | 457793 | 6813206 | 439 | 54 | -90 | 0 |
| MWAC006 | AC | E38/2587 | 457988 | 6813203 | 439 | 77 | -90 | 0 |
| MWAC007 | AC | E38/2587 | 457997 | 6813601 | 442 | 62 | -90 | 0 |
| MWAC008 | AC | E38/2587 | 458002 | 6813806 | 438 | 50 | -90 | 0 |
| MWAC009 | AC | E38/2587 | 458009 | 6813806 | 444 | 53 | -90 | 0 |
| MWAC010 | AC | E38/2442 | 456642 | 6811781 | 438 | 73 | -90 | 0 |
| MWAC011 | AC | E38/2442 | 456554 | 6811763 | 440 | 71 | -90 | 0 |
| MWAC012 | AC | E38/2442 | 456455 | 6811760 | 435 | 62 | -90 | 0 |
| MWAC013 | AC | E38/2442 | 456355 | 6811748 | 435 | 75 | -90 | 0 |
| MWAC014 | AC | E38/2442 | 456257 | 6811756 | 437 | 42 | -90 | 0 |
| MWAC015 | AC | E38/2442 | 456456 | 6810955 | 434 | 65 | -90 | 0 |
| MWAC016 | AC | E38/2442 | 456577 | 6810957 | 438 | 73 | -90 | 0 |
| MWAC017 | AC | E38/2442 | 456652 | 6810946 | 434 | 86 | -90 | 0 |
| MWAC018 | AC | E38/2442 | 456759 | 6810950 | 438 | 83 | -90 | 0 |
| MWAC019 | AC | E38/2442 | 455332 | 6809520 | 432 | 65 | -90 | 0 |
| MWAC020 | AC | E38/2442 | 455728 | 6809526 | 432 | 72 | -90 | 0 |
| MWAC021 | AC | E38/2442 | 456125 | 6809526 | 426 | 83 | -90 | 0 |
| MWAC022 | AC | E38/2442 | 456526 | 6809514 | 430 | 65 | -90 | 0 |
| MWAC023 | AC | E38/2442 | 456907 | 6809521 | 432 | 63 | -90 | 0 |
| MWAC024 | AC | E38/2442 | 457316 | 6809523 | 436 | 93 | -90 | 0 |
| MWAC025 | AC | E38/2587 | 458434 | 6808313 | 443 | 68 | -90 | 0 |
| MWAC026 | AC | E38/2587 | 458436 | 6807953 | 438 | 142 | -90 | 0 |
| MWAC027 | AC | E38/2587 | 458429 | 6807560 | 437 | 149 | -90 | 0 |
| MWAC028 | AC | E38/2587 | 458442 | 6806360 | 435 | 35 | -90 | 0 |
| MWAC029 | AC | E38/2587 | 458441 | 6806762 | 437 | 61 | -90 | 0 |
| MWAC030 | AC | E38/2856 | 460885 | 6802802 | 457 | 13 | -90 | 0 |
| MWAC031 | AC | E38/2856 | 461089 | 6802801 | 458 | 10 | -90 | 0 |
| MWAC032 | AC | E38/2856 | 460749 | 6802397 | 451 | 47 | -90 | 0 |
| MWAC033 | AC | E38/2856 | 460960 | 6802398 | 457 | 50 | -90 | 0 |
| MWAC034 | AC | E38/2856 | 461147 | 6802394 | 465 | 41 | -90 | 0 |
| MWAC035 | AC | E38/2856 | 460693 | 6802005 | 454 | 35 | -90 | 0 |
| MWAC036 | AC | E38/2856 | 460514 | 6801998 | 444 | 44 | -90 | 0 |
| MWAC037 | AC | E38/2856 | 460312 | 6802005 | 448 | 37 | -90 | 0 |
| MWAC038 | AC | E38/2856 | 459517 | 6802401 | 449 | 77 | -90 | 0 |
| MWAC039 | AC | E38/2856 | 459712 | 6802409 | 452 | 75 | -90 | 0 |
| MWAC040 | AC | E38/2856 | 459903 | 6802409 | 451 | 61 | -90 | 0 |

*AC – Aircore; Co-ordinates given in projection UTM GDA94 MGA Zone 51*

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC001 | 20 | 24 | HCC0882 | 19 | 119 | 20 | 430 | X | 33 | 80 | 0.32 | 6 | 15.35 |
| MWAC001 | 24 | 28 | HCC0883 | 45 | 171 | 21 | 504 | X | 42 | 131 | 0.34 | 8.06 | 15.66 |
| MWAC001 | 28 | 32 | HCC0884 | 143 | 381 | 17 | 418 | X | 35 | 318 | 1.59 | 6.12 | 14.88 |
| MWAC001 | 32 | 36 | HCC0885 | 504 | 1930 | 24 | 3909 | X | 70 | 1244 | 1.30 | 14.41 | 12.53 |
| MWAC001 | 36 | 40 | HCC0886 | 505 | 5553 | 42 | 17609 | X | 60 | 1047 | 1.51 | 24.13 | 7.77 |
| MWAC001 | 40 | 44 | HCC0887 | 91 | 4029 | 44 | 1810 | X | 16 | 1672 | 3.74 | 9.1 | 9.26 |
| MWAC001 | 44 | 48 | HCC0888 | 261 | 5050 | 28 | 4782 | X | 211 | 3217 | 7.46 | 12.55 | 4.98 |
| MWAC001 | 48 | 52 | HCC0889 | 126 | 4136 | 20 | 2647 | X | 138 | 3771 | 7.93 | 12.27 | 1.62 |
| MWAC001 | 52 | 56 | HCC0890 | 180 | 3969 | 11 | 4944 | X | 25 | 1631 | 10.32 | 9.59 | 0.96 |
| MWAC001 | 56 | 60 | HCC0891 | 140 | 2990 | 9 | 3057 | X | 9 | 1362 | 10.56 | 7.62 | 0.72 |
| MWAC001 | 60 | 64 | HCC0892 | 166 | 3353 | 11 | 3979 | X | 14 | 1463 | 10.07 | 9.22 | 0.88 |
| MWAC001 | 64 | 68 | HCC0893 | 132 | 3077 | 11 | 3543 | X | 16 | 1997 | 10.71 | 8.45 | 0.93 |
| MWAC001 | 68 | 72 | HCC0894 | 115 | 2668 | 8 | 3132 | X | 9 | 1372 | 10.15 | 7.6 | 0.96 |
| MWAC001 | 72 | 76 | HCC0895 | 99 | 2043 | 6 | 2843 | X | 2 | 1098 | 17.92 | 6.74 | 0.57 |
| MWAC001 | 76 | 80 | HCC0896 | 105 | 2291 | 6 | 3392 | X | 1 | 730 | 22.14 | 5.19 | 0.60 |
| MWAC001 | 80 | 81 | HCC0897 | 97 | 2106 | 6 | 3739 | X | X | 823 | 21.82 | 4.87 | 0.53 |
| MWAC001 | 81 | 82 | HCC0898 | 102 | 2194 | 6 | 3367 | X | 1 | 779 | 23.21 | 5.37 | 0.59 |
| MWAC001 | 82 | 83 | HCC0899 | 122 | 2532 | 7 | 3549 | X | X | 708 | 24.25 | 5.78 | 0.60 |
| MWAC002 | 8 | 12 | HCC0900 | 15 | 132 | 46 | 945 | X | 75 | 326 | 0.51 | 27.82 | 8.41 |
| MWAC002 | 12 | 16 | HCC0902 | 13 | 105 | 26 | 727 | X | 37 | 158 | 0.71 | 20.19 | 8.69 |
| MWAC002 | 16 | 20 | HCC0903 | 20 | 70 | 18 | 496 | X | 33 | 148 | 1.00 | 21.6 | 8.85 |
| MWAC002 | 20 | 24 | HCC0904 | 29 | 102 | 19 | 356 | X | 26 | 88 | 0.36 | 9.72 | 13.33 |
| MWAC002 | 24 | 28 | HCC0905 | 34 | 132 | 19 | 465 | X | 27 | 61 | 0.35 | 6.09 | 16.25 |
| MWAC002 | 28 | 32 | HCC0906 | 63 | 264 | 16 | 479 | X | 19 | 156 | 1.04 | 6.93 | 14.85 |
| MWAC002 | 32 | 36 | HCC0907 | 81 | 776 | 17 | 615 | X | 39 | 166 | 1.98 | 6.86 | 14.29 |
| MWAC002 | 36 | 40 | HCC0908 | 74 | 1085 | 18 | 819 | X | 44 | 72 | 1.19 | 6.38 | 14.70 |
| MWAC002 | 40 | 44 | HCC0909 | 180 | 2092 | 17 | 2667 | X | 40 | 628 | 1.96 | 10.43 | 8.41 |
| MWAC002 | 44 | 48 | HCC0910 | 315 | 6424 | 20 | 9694 | X | 19 | 1195 | 4.69 | 12.36 | 2.59 |
| MWAC002 | 48 | 52 | HCC0911 | 284 | 5264 | 20 | 6424 | X | 84 | 4104 | 8.03 | 14.85 | 1.70 |
| MWAC002 | 52 | 56 | HCC0912 | 217 | 4109 | 13 | 7020 | X | 9 | 1738 | 9.09 | 10.96 | 1.12 |
| MWAC002 | 56 | 60 | HCC0913 | 202 | 4068 | 11 | 6416 | X | 5 | 1282 | 9.39 | 12.51 | 0.89 |
| MWAC002 | 60 | 64 | HCC0914 | 175 | 3851 | 10 | 6305 | X | 5 | 1208 | 9.26 | 9.07 | 0.96 |
| MWAC002 | 64 | 68 | HCC0915 | 104 | 2402 | 7 | 3643 | X | 6 | 912 | 9.80 | 5.63 | 0.56 |
| MWAC002 | 68 | 72 | HCC0916 | 102 | 2287 | 7 | 2657 | X | 4 | 977 | 10.14 | 5.72 | 0.59 |
| MWAC002 | 72 | 73 | HCC0917 | 94 | 1848 | 5 | 2296 | X | 2 | 577 | 10.60 | 5.13 | 0.43 |
| MWAC003 | 8 | 12 | HCC0918 | 18 | 137 | 45 | 908 | X | 79 | 312 | 0.52 | 24.43 | 9.05 |
| MWAC003 | 12 | 16 | HCC0919 | 10 | 95 | 23 | 481 | X | 33 | 174 | 0.85 | 13.79 | 9.77 |
| MWAC003 | 16 | 20 | HCC0920 | 20 | 99 | 15 | 365 | X | 23 | 126 | 0.50 | 12.68 | 12.21 |
| MWAC003 | 20 | 24 | HCC0922 | 25 | 167 | 14 | 261 | X | 27 | 72 | 0.36 | 9.21 | 14.19 |
| MWAC003 | 24 | 28 | HCC0923 | 43 | 231 | 16 | 213 | X | 23 | 111 | 0.34 | 7.05 | 14.88 |
| MWAC003 | 28 | 32 | HCC0924 | 62 | 525 | 9 | 451 | X | 27 | 117 | 1.51 | 5.54 | 10.32 |
| MWAC003 | 32 | 36 | HCC0925 | 107 | 1827 | 9 | 877 | X | 25 | 574 | 5.25 | 5.2 | 8.43 |
| MWAC003 | 36 | 40 | HCC0926 | 315 | 7236 | 13 | 4724 | X | 24 | 4002 | 6.70 | 9.15 | 2.37 |
| MWAC003 | 40 | 44 | HCC0927 | 240 | 4818 | 16 | 5110 | X | 9 | 2418 | 9.28 | 11.9 | 1.54 |
| MWAC003 | 44 | 46 | HCC0928 | 200 | 3618 | 13 | 2887 | X | 32 | 2713 | 11.03 | 23.34 | 1.64 |
| MWAC003 | 46 | 47 | HCC0929 | 152 | 3666 | 18 | 3473 | X | 120 | 3670 | 5.81 | 12.18 | 1.41 |
| MWAC004 | 8 | 12 | HCC0930 | 17 | 195 | 50 | 837 | X | 81 | 390 | 0.44 | 27.62 | 8.50 |
| MWAC004 | 12 | 16 | HCC0931 | 12 | 88 | 26 | 471 | X | 40 | 229 | 0.88 | 13.34 | 10.15 |
| MWAC004 | 16 | 20 | HCC0932 | 19 | 69 | 16 | 331 | X | 27 | 177 | 1.36 | 13.35 | 9.40 |
| MWAC004 | 20 | 24 | HCC0933 | 18 | 111 | 15 | 183 | X | 21 | 60 | 0.43 | 5.23 | 15.66 |
| MWAC004 | 24 | 28 | HCC0934 | 33 | 148 | 19 | 248 | X | 39 | 66 | 0.27 | 7.27 | 16.2 |
| MWAC004 | 28 | 32 | HCC0935 | 38 | 196 | 16 | 236 | X | 21 | 64 | 0.41 | 6.21 | 17.2 |
| MWAC004 | 32 | 36 | HCC0936 | 49 | 293 | 14 | 240 | X | 16 | 151 | 2.63 | 5.52 | 13.74 |
| MWAC004 | 36 | 40 | HCC0937 | 48 | 453 | 12 | 676 | X | 26 | 89 | 1.83 | 5.48 | 13.51 |
| MWAC004 | 40 | 44 | HCC0938 | 60 | 650 | 12 | 1401 | X | 25 | 187 | 1.33 | 6.66 | 9.96 |
| MWAC004 | 44 | 48 | HCC0939 | 116 | 2415 | 15 | 4072 | X | 22 | 578 | 9.44 | 10.84 | 3.44 |
| MWAC004 | 48 | 52 | HCC0940 | 86 | 2145 | 17 | 4089 | X | 10 | 738 | 13.34 | 7.52 | 2.36 |
| MWAC004 | 52 | 56 | HCC0942 | 95 | 2067 | 20 | 4225 | X | 5 | 1238 | 14.34 | 7.12 | 2.89 |
| MWAC004 | 56 | 57 | HCC0943 | 95 | 1932 | 21 | 2961 | X | 5 | 1624 | 13.83 | 6.99 | 3.19 |
| MWAC004 | 57 | 58 | HCC0944 | 95 | 1781 | 22 | 3210 | X | 6 | 1363 | 14.47 | 7.24 | 3.37 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC001 | 20 | 24 | HCC0882 | 19 | 119 | 20 | 430 | X | 33 | 80 | 0.32 | 6 | 15.35 |
| MWAC001 | 24 | 28 | HCC0883 | 45 | 171 | 21 | 504 | X | 42 | 131 | 0.34 | 8.06 | 15.66 |
| MWAC001 | 28 | 32 | HCC0884 | 143 | 381 | 17 | 418 | X | 35 | 318 | 1.59 | 6.12 | 14.88 |
| MWAC001 | 32 | 36 | HCC0885 | 504 | 1930 | 24 | 3909 | X | 70 | 1244 | 1.30 | 14.41 | 12.53 |
| MWAC001 | 36 | 40 | HCC0886 | 505 | 5553 | 42 | 17609 | X | 60 | 1047 | 1.51 | 24.13 | 7.77 |
| MWAC001 | 40 | 44 | HCC0887 | 91 | 4029 | 44 | 1810 | X | 16 | 1672 | 3.74 | 9.1 | 9.26 |
| MWAC001 | 44 | 48 | HCC0888 | 261 | 5050 | 28 | 4782 | X | 211 | 3217 | 7.46 | 12.55 | 4.98 |
| MWAC001 | 48 | 52 | HCC0889 | 126 | 4136 | 20 | 2647 | X | 138 | 3771 | 7.93 | 12.27 | 1.62 |
| MWAC001 | 52 | 56 | HCC0890 | 180 | 3969 | 11 | 4944 | X | 25 | 1631 | 10.32 | 9.59 | 0.96 |
| MWAC001 | 56 | 60 | HCC0891 | 140 | 2990 | 9 | 3057 | X | 9 | 1362 | 10.56 | 7.62 | 0.72 |
| MWAC001 | 60 | 64 | HCC0892 | 166 | 3353 | 11 | 3979 | X | 14 | 1463 | 10.07 | 9.22 | 0.88 |
| MWAC001 | 64 | 68 | HCC0893 | 132 | 3077 | 11 | 3543 | X | 16 | 1997 | 10.71 | 8.45 | 0.93 |
| MWAC001 | 68 | 72 | HCC0894 | 115 | 2668 | 8 | 3132 | X | 9 | 1372 | 10.15 | 7.6 | 0.96 |
| MWAC001 | 72 | 76 | HCC0895 | 99 | 2043 | 6 | 2843 | X | 2 | 1098 | 17.92 | 6.74 | 0.57 |
| MWAC001 | 76 | 80 | HCC0896 | 105 | 2291 | 6 | 3392 | X | 1 | 730 | 22.14 | 5.19 | 0.60 |
| MWAC001 | 80 | 81 | HCC0897 | 97 | 2106 | 6 | 3739 | X | X | 823 | 21.82 | 4.87 | 0.53 |
| MWAC001 | 81 | 82 | HCC0898 | 102 | 2194 | 6 | 3367 | X | 1 | 779 | 23.21 | 5.37 | 0.59 |
| MWAC001 | 82 | 83 | HCC0899 | 122 | 2532 | 7 | 3549 | X | X | 708 | 24.25 | 5.78 | 0.60 |
| MWAC002 | 8 | 12 | HCC0900 | 15 | 132 | 46 | 945 | X | 75 | 326 | 0.51 | 27.82 | 8.41 |
| MWAC002 | 12 | 16 | HCC0902 | 13 | 105 | 26 | 727 | X | 37 | 158 | 0.71 | 20.19 | 8.69 |
| MWAC002 | 16 | 20 | HCC0903 | 20 | 70 | 18 | 496 | X | 33 | 148 | 1.00 | 21.6 | 8.85 |
| MWAC002 | 20 | 24 | HCC0904 | 29 | 102 | 19 | 356 | X | 26 | 88 | 0.36 | 9.72 | 13.33 |
| MWAC002 | 24 | 28 | HCC0905 | 34 | 132 | 19 | 465 | X | 27 | 61 | 0.35 | 6.09 | 16.25 |
| MWAC002 | 28 | 32 | HCC0906 | 63 | 264 | 16 | 479 | X | 19 | 156 | 1.04 | 6.93 | 14.85 |
| MWAC002 | 32 | 36 | HCC0907 | 81 | 776 | 17 | 615 | X | 39 | 166 | 1.98 | 6.86 | 14.29 |
| MWAC002 | 36 | 40 | HCC0908 | 74 | 1085 | 18 | 819 | X | 44 | 72 | 1.19 | 6.38 | 14.70 |
| MWAC002 | 40 | 44 | HCC0909 | 180 | 2092 | 17 | 2667 | X | 40 | 628 | 1.96 | 10.43 | 8.41 |
| MWAC002 | 44 | 48 | HCC0910 | 315 | 6424 | 20 | 9694 | X | 19 | 1195 | 4.69 | 12.36 | 2.59 |
| MWAC002 | 48 | 52 | HCC0911 | 284 | 5264 | 20 | 6424 | X | 84 | 4104 | 8.03 | 14.85 | 1.70 |
| MWAC002 | 52 | 56 | HCC0912 | 217 | 4109 | 13 | 7020 | X | 9 | 1738 | 9.09 | 10.96 | 1.12 |
| MWAC002 | 56 | 60 | HCC0913 | 202 | 4068 | 11 | 6416 | X | 5 | 1282 | 9.39 | 12.51 | 0.89 |
| MWAC002 | 60 | 64 | HCC0914 | 175 | 3851 | 10 | 6305 | X | 5 | 1208 | 9.26 | 9.07 | 0.96 |
| MWAC002 | 64 | 68 | HCC0915 | 104 | 2402 | 7 | 3643 | X | 6 | 912 | 9.80 | 5.63 | 0.56 |
| MWAC002 | 68 | 72 | HCC0916 | 102 | 2287 | 7 | 2657 | X | 4 | 977 | 10.14 | 5.72 | 0.59 |
| MWAC002 | 72 | 73 | HCC0917 | 94 | 1848 | 5 | 2296 | X | 2 | 577 | 10.60 | 5.13 | 0.43 |
| MWAC003 | 8 | 12 | HCC0918 | 18 | 137 | 45 | 908 | X | 79 | 312 | 0.52 | 24.43 | 9.05 |
| MWAC003 | 12 | 16 | HCC0919 | 10 | 95 | 23 | 481 | X | 33 | 174 | 0.85 | 13.79 | 9.77 |
| MWAC003 | 16 | 20 | HCC0920 | 20 | 99 | 15 | 365 | X | 23 | 126 | 0.50 | 12.68 | 12.21 |
| MWAC003 | 20 | 24 | HCC0922 | 25 | 167 | 14 | 261 | X | 27 | 72 | 0.36 | 9.21 | 14.19 |
| MWAC003 | 24 | 28 | HCC0923 | 43 | 231 | 16 | 213 | X | 23 | 111 | 0.34 | 7.05 | 14.88 |
| MWAC003 | 28 | 32 | HCC0924 | 62 | 525 | 9 | 451 | X | 27 | 117 | 1.51 | 5.54 | 10.32 |
| MWAC003 | 32 | 36 | HCC0925 | 107 | 1827 | 9 | 877 | X | 25 | 574 | 5.25 | 5.2 | 8.43 |
| MWAC003 | 36 | 40 | HCC0926 | 315 | 7236 | 13 | 4724 | X | 24 | 4002 | 6.70 | 9.15 | 2.37 |
| MWAC003 | 40 | 44 | HCC0927 | 240 | 4818 | 16 | 5110 | X | 9 | 2418 | 9.28 | 11.9 | 1.54 |
| MWAC003 | 44 | 46 | HCC0928 | 200 | 3618 | 13 | 2887 | X | 32 | 2713 | 11.03 | 23.34 | 1.64 |
| MWAC003 | 46 | 47 | HCC0929 | 152 | 3666 | 18 | 3473 | X | 120 | 3670 | 5.81 | 12.18 | 1.41 |
| MWAC004 | 8 | 12 | HCC0930 | 17 | 195 | 50 | 837 | X | 81 | 390 | 0.44 | 27.62 | 8.50 |
| MWAC004 | 12 | 16 | HCC0931 | 12 | 88 | 26 | 471 | X | 40 | 229 | 0.88 | 13.34 | 10.15 |
| MWAC004 | 16 | 20 | HCC0932 | 19 | 69 | 16 | 331 | X | 27 | 177 | 1.36 | 13.35 | 9.40 |
| MWAC004 | 20 | 24 | HCC0933 | 18 | 111 | 15 | 183 | X | 21 | 60 | 0.43 | 5.23 | 15.66 |
| MWAC004 | 24 | 28 | HCC0934 | 33 | 148 | 19 | 248 | X | 39 | 66 | 0.27 | 7.27 | 16.2 |
| MWAC004 | 28 | 32 | HCC0935 | 38 | 196 | 16 | 236 | X | 21 | 64 | 0.41 | 6.21 | 17.2 |
| MWAC004 | 32 | 36 | HCC0936 | 49 | 293 | 14 | 240 | X | 16 | 151 | 2.63 | 5.52 | 13.74 |
| MWAC004 | 36 | 40 | HCC0937 | 48 | 453 | 12 | 676 | X | 26 | 89 | 1.83 | 5.48 | 13.51 |
| MWAC004 | 40 | 44 | HCC0938 | 60 | 650 | 12 | 1401 | X | 25 | 187 | 1.33 | 6.66 | 9.96 |
| MWAC004 | 44 | 48 | HCC0939 | 116 | 2415 | 15 | 4072 | X | 22 | 578 | 9.44 | 10.84 | 3.44 |
| MWAC004 | 48 | 52 | HCC0940 | 86 | 2145 | 17 | 4089 | X | 10 | 738 | 13.34 | 7.52 | 2.36 |
| MWAC004 | 52 | 56 | HCC0942 | 95 | 2067 | 20 | 4225 | X | 5 | 1238 | 14.34 | 7.12 | 2.89 |
| MWAC004 | 56 | 57 | HCC0943 | 95 | 1932 | 21 | 2961 | X | 5 | 1624 | 13.83 | 6.99 | 3.19 |
| MWAC004 | 57 | 58 | HCC0944 | 95 | 1781 | 22 | 3210 | X | 6 | 1363 | 14.47 | 7.24 | 3.37 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC009 | 8 | 12 | HCC1003 | 18 | 96 | 48 | 758 | X | 80 | 316 | 0.37 | 26.41 | 9.39 |
| MWAC009 | 12 | 16 | HCC1004 | 16 | 79 | 28 | 697 | X | 50 | 122 | 0.44 | 27.96 | 8.03 |
| MWAC009 | 16 | 20 | HCC1005 | 18 | 66 | 23 | 456 | X | 47 | 111 | 0.79 | 23.11 | 9.08 |
| MWAC009 | 20 | 24 | HCC1006 | 16 | 64 | 16 | 191 | X | 30 | 57 | 0.34 | 8.6 | 11.64 |
| MWAC009 | 24 | 28 | HCC1007 | 11 | 44 | 15 | 142 | X | 28 | 57 | 0.20 | 6.29 | 12.10 |
| MWAC009 | 28 | 32 | HCC1008 | 12 | 39 | 17 | 99 | X | 24 | 85 | 0.18 | 11.2 | 12.46 |
| MWAC009 | 32 | 36 | HCC1009 | 9 | 27 | 13 | 98 | X | 13 | 49 | 0.28 | 6.64 | 12.91 |
| MWAC009 | 36 | 40 | HCC1010 | 3 | 18 | 7 | 93 | X | 16 | 74 | 0.73 | 3.74 | 9.42 |
| MWAC009 | 40 | 44 | HCC1011 | 45 | 399 | 29 | 1906 | X | 44 | 401 | 1.61 | 6.97 | 8.56 |
| MWAC009 | 44 | 48 | HCC1012 | 96 | 1319 | 39 | 4034 | X | 74 | 695 | 4.09 | 12 | 6.62 |
| MWAC009 | 48 | 52 | HCC1013 | 121 | 1549 | 33 | 4632 | X | 74 | 1068 | 5.85 | 10.84 | 6.85 |
| MWAC009 | 52 | 53 | HCC1014 | 75 | 692 | 18 | 1955 | X | 43 | 897 | 3.07 | 6.12 | 7.79 |
| MWAC010 | 12 | 16 | HCC1015 | 18 | 111 | 42 | 675 | X | 76 | 459 | 0.43 | 23.26 | 8.78 |
| MWAC010 | 16 | 20 | HCC1016 | 10 | 59 | 23 | 284 | X | 23 | 95 | 0.82 | 13.25 | 9.75 |
| MWAC010 | 20 | 24 | HCC1017 | 8 | 58 | 19 | 190 | X | 14 | 27 | 0.40 | 4.93 | 15.38 |
| MWAC010 | 24 | 28 | HCC1018 | 8 | 59 | 21 | 165 | X | 22 | 32 | 0.30 | 4.52 | 17.29 |
| MWAC010 | 28 | 32 | HCC1019 | 9 | 55 | 23 | 192 | X | 33 | 30 | 0.26 | 5.83 | 16.29 |
| MWAC010 | 32 | 36 | HCC1020 | 7 | 46 | 32 | 173 | X | 37 | 44 | 0.15 | 10.35 | 14.44 |
| MWAC010 | 36 | 40 | HCC1022 | 13 | 65 | 25 | 188 | X | 36 | 32 | 0.21 | 9.43 | 15.53 |
| MWAC010 | 40 | 44 | HCC1023 | 15 | 105 | 29 | 220 | X | 51 | 92 | 0.23 | 7.8 | 15.63 |
| MWAC010 | 44 | 48 | HCC1024 | 24 | 180 | 28 | 455 | X | 99 | 583 | 0.29 | 13.55 | 14.19 |
| MWAC010 | 48 | 52 | HCC1025 | 16 | 100 | 21 | 375 | X | 53 | 322 | 0.23 | 11.33 | 13.32 |
| MWAC010 | 52 | 56 | HCC1026 | 28 | 133 | 23 | 493 | X | 41 | 1138 | 0.33 | 6.45 | 7.96 |
| MWAC010 | 56 | 60 | HCC1027 | 109 | 502 | 33 | 940 | X | 158 | 4104 | 1.44 | 11.29 | 8.52 |
| MWAC010 | 60 | 64 | HCC1028 | 122 | 600 | 31 | 597 | X | 142 | 3455 | 3.60 | 9.67 | 8.11 |
| MWAC010 | 64 | 68 | HCC1029 | 88 | 639 | 25 | 497 | X | 137 | 1509 | 4.63 | 8.88 | 7.42 |
| MWAC010 | 68 | 72 | HCC1030 | 78 | 766 | 23 | 771 | X | 118 | 904 | 6.67 | 8.17 | 7.05 |
| MWAC010 | 72 | 73 | HCC1031 | 75 | 665 | 23 | 679 | X | 118 | 1024 | 7.76 | 8.01 | 6.60 |
| MWAC011 | 12 | 16 | HCC1032 | 20 | 123 | 37 | 655 | X | 70 | 394 | 0.62 | 21.57 | 7.64 |
| MWAC011 | 16 | 20 | HCC1033 | 12 | 63 | 20 | 408 | X | 34 | 150 | 0.74 | 21.27 | 7.09 |
| MWAC011 | 20 | 24 | HCC1034 | 11 | 76 | 17 | 231 | X | 33 | 172 | 0.53 | 10.36 | 11.93 |
| MWAC011 | 24 | 28 | HCC1035 | 10 | 52 | 29 | 297 | X | 54 | 189 | 0.26 | 17.87 | 12.22 |
| MWAC011 | 28 | 32 | HCC1036 | 5 | 104 | 53 | 434 | X | 88 | 192 | 0.25 | 15.01 | 14.00 |
| MWAC011 | 32 | 36 | HCC1037 | 6 | 109 | 50 | 460 | X | 111 | 145 | 0.20 | 11.8 | 16.25 |
| MWAC011 | 36 | 40 | HCC1038 | 5 | 141 | 45 | 359 | X | 95 | 203 | 0.17 | 11.25 | 16 |
| MWAC011 | 40 | 44 | HCC1039 | 13 | 162 | 30 | 558 | X | 103 | 476 | 0.14 | 16.51 | 13.47 |
| MWAC011 | 44 | 48 | HCC1040 | 15 | 183 | 30 | 877 | X | 100 | 521 | 0.11 | 17.69 | 14.22 |
| MWAC011 | 48 | 48 | HCC1041 | X | 5 | X | 22 | X | 2 | 72 | 0.02 | 0.69 | 0.89 |
| MWAC011 | 49 | 53 | HCC1042 | 11 | 346 | 46 | 800 | X | 112 | 554 | 0.43 | 12.77 | 13.71 |
| MWAC011 | 53 | 57 | HCC1043 | 238 | 1117 | 25 | 868 | X | 160 | 2590 | 1.69 | 10.32 | 11.07 |
| MWAC011 | 57 | 61 | HCC1044 | 84 | 894 | 28 | 685 | X | 130 | 2893 | 3.39 | 11.31 | 6.95 |
| MWAC011 | 61 | 65 | HCC1045 | 62 | 537 | 21 | 700 | X | 82 | 1257 | 4.05 | 7.79 | 7.48 |
| MWAC011 | 65 | 69 | HCC1046 | 73 | 710 | 19 | 633 | X | 87 | 1685 | 4.17 | 9.04 | 7.82 |
| MWAC011 | 69 | 70 | HCC1047 | 83 | 498 | 21 | 499 | X | 116 | 2370 | 4.58 | 11.51 | 6.67 |
| MWAC011 | 70 | 71 | HCC1048 | 62 | 534 | 15 | 453 | X | 65 | 992 | 7.06 | 6.93 | 7.30 |
| MWAC012 | 14 | 18 | HCC1049 | 10 | 88 | 25 | 322 | X | 43 | 152 | 0.76 | 9.09 | 8.82 |
| MWAC012 | 18 | 22 | HCC1050 | 7 | 58 | 28 | 244 | X | 41 | 125 | 0.65 | 12.34 | 12.19 |
| MWAC012 | 22 | 26 | HCC1051 | 5 | 53 | 27 | 212 | X | 38 | 180 | 0.39 | 11.11 | 13.03 |
| MWAC012 | 26 | 30 | HCC1052 | 6 | 88 | 29 | 594 | X | 58 | 292 | 0.28 | 15.54 | 13.62 |
| MWAC012 | 30 | 34 | HCC1053 | 14 | 120 | 47 | 611 | X | 135 | 491 | 0.17 | 13.14 | 14.98 |
| MWAC012 | 34 | 38 | HCC1054 | 18 | 147 | 58 | 706 | X | 112 | 412 | 0.15 | 14.81 | 13.50 |
| MWAC012 | 38 | 42 | HCC1055 | 5 | 203 | 57 | 744 | X | 140 | 530 | 0.32 | 11.21 | 13.14 |
| MWAC012 | 42 | 46 | HCC1056 | 41 | 529 | 90 | 649 | X | 248 | 2720 | 1.15 | 8.82 | 12.11 |
| MWAC012 | 46 | 50 | HCC1057 | 2615 | 3132 | 54 | 577 | X | 750 | | 1.56 | 8.52 | 10.86 |
| MWAC012 | 50 | 54 | HCC1058 | 76 | 1805 | 34 | 581 | X | 131 | 3736 | 3.50 | 12.31 | 6.86 |
| MWAC012 | 54 | 58 | HCC1059 | 58 | 597 | 28 | 488 | X | 105 | 1406 | 3.40 | 8.96 | 8.64 |
| MWAC012 | 58 | 61 | HCC1060 | 70 | 514 | 31 | 522 | X | 105 | 3540 | 3.55 | 9.84 | 8.03 |
| MWAC012 | 61 | 62 | HCC1062 | 58 | 353 | 27 | 423 | X | 83 | 1441 | 5.42 | 7.69 | 8.40 |
| MWAC013 | 16 | 20 | HCC1063 | 11 | 73 | 24 | 400 | X | 57 | 202 | 0.49 | 22.21 | 8.13 |
| MWAC013 | 20 | 24 | HCC1064 | 7 | 62 | 31 | 236 | X | 74 | 350 | 0.39 | 21.85 | 10.70 |
| MWAC013 | 24 | 28 | HCC1065 | 1 | 31 | 39 | 192 | X | 50 | 109 | 0.43 | 6.91 | 12.42 |
| MWAC013 | 28 | 32 | HCC1066 | 5 | 151 | 57 | 389 | X | 142 | 309 | 0.22 | 11.89 | 12.51 |
| MWAC013 | 32 | 36 | HCC1067 | 37 | 225 | 58 | 663 | X | 154 | 247 | 0.20 | 13.99 | 11.14 |
| MWAC013 | 36 | 40 | HCC1068 | 19 | 173 | 68 | 360 | X | 134 | 211 | 0.16 | 14.36 | 12.70 |
| MWAC013 | 40 | 44 | HCC1069 | 6 | 123 | 54 | 285 | X | 107 | 98 | 0.14 | 9.34 | 9.59 |
| MWAC013 | 44 | 48 | HCC1070 | 55 | 207 | 45 | 259 | X | 139 | 2976 | 0.11 | 9.32 | 9.70 |
| MWAC013 | 48 | 52 | HCC1071 | 730 | 253 | 38 | 245 | X | 221 | 24763 | 0.12 | 8.4 | 8.95 |
| MWAC013 | 52 | 56 | HCC1072 | 128 | 529 | 47 | 445 | X | 210 | 2234 | 0.41 | 14.36 | 8.67 |
| MWAC013 | 56 | 60 | HCC1073 | 57 | 205 | 48 | 428 | X | 188 | 777 | 0.23 | 10.82 | 8.89 |
| MWAC013 | 60 | 64 | HCC1074 | 80 | 251 | 43 | 371 | X | 185 | 978 | 0.16 | 10 | 9.32 |
| MWAC013 | 64 | 68 | HCC1075 | 59 | 242 | 43 | 350 | X | 214 | 741 | 1.38 | 8.98 | 8.64 |
| MWAC013 | 68 | 72 | HCC1076 | 47 | 280 | 50 | 437 | X | 140 | 1491 | 2.59 | 7.96 | 10.19 |
| MWAC013 | 72 | 74 | HCC1077 | 38 | 107 | 46 | 118 | X | 9 | 1438 | 1.10 | 8.83 | 8.04 |
| MWAC013 | 74 | 75 | HCC1078 | 50 | 101 | 44 | 177 | X | 33 | 1204 | 0.99 | 9.39 | 8.26 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC014 | 14 | 18 | HCC1079 | 15 | 70 | 29 | 760 | X | 48 | 204 | 0.24 | 31.73 | 6.46 |
| MWAC014 | 18 | 22 | HCC1080 | 4 | 20 | 26 | 196 | X | 12 | 111 | 0.23 | 16.05 | 9.62 |
| MWAC014 | 22 | 26 | HCC1082 | 2 | 15 | 24 | 110 | X | 5 | 110 | 0.20 | 7.7 | 10.94 |
| MWAC014 | 26 | 30 | HCC1083 | 2 | 39 | 42 | 156 | X | 3 | 408 | 0.19 | 12.69 | 12.82 |
| MWAC014 | 30 | 34 | HCC1084 | 13 | 131 | 49 | 191 | X | 9 | 399 | 0.54 | 10.39 | 12.23 |
| MWAC014 | 34 | 38 | HCC1085 | 37 | 78 | 55 | 122 | X | 9 | 2201 | 1.22 | 8.93 | 9.64 |
| MWAC014 | 38 | 41 | HCC1086 | 406 | 188 | 53 | 105 | X | 8 | 4156 | 1.39 | 7.31 | 8.14 |
| MWAC014 | 41 | 42 | HCC1087 | 99 | 208 | 41 | 105 | X | X | 2505 | 2.94 | 8.07 | 7.33 |
| MWAC015 | 16 | 20 | HCC1088 | 13 | 73 | 28 | 426 | X | 53 | 350 | 0.64 | 15.11 | 8.21 |
| MWAC015 | 20 | 24 | HCC1089 | 5 | 60 | 20 | 289 | X | 46 | 194 | 0.55 | 19.4 | 10.49 |
| MWAC015 | 24 | 28 | HCC1090 | 7 | 63 | 28 | 497 | X | 61 | 253 | 1.17 | 17.8 | 12.77 |
| MWAC015 | 28 | 32 | HCC1091 | 5 | 56 | 49 | 482 | X | 73 | 154 | 0.37 | 13.1 | 14.27 |
| MWAC015 | 32 | 36 | HCC1092 | 6 | 72 | 62 | 538 | X | 129 | 268 | 0.10 | 23.63 | 12.31 |
| MWAC015 | 36 | 40 | HCC1093 | 8 | 72 | 61 | 426 | X | 148 | 316 | 0.08 | 21.9 | 12.02 |
| MWAC015 | 40 | 44 | HCC1094 | 8 | 89 | 106 | 403 | X | 286 | 303 | 0.10 | 16.98 | 13.02 |
| MWAC015 | 44 | 48 | HCC1095 | 5 | 92 | 132 | 240 | X | 185 | 317 | 0.10 | 11.56 | 14.46 |
| MWAC015 | 48 | 52 | HCC1096 | 83 | 136 | 112 | 119 | X | 233 | 4834 | 0.16 | 10.06 | 11.00 |
| MWAC015 | 52 | 56 | HCC1097 | 345 | 330 | 64 | 197 | X | 272 | 6295 | 0.80 | 10.32 | 10.75 |
| MWAC015 | 56 | 60 | HCC1098 | 83 | 246 | 50 | 182 | X | 199 | 3223 | 2.34 | 11.68 | 7.89 |
| MWAC015 | 60 | 64 | HCC1099 | 49 | 193 | 46 | 171 | X | 112 | 2483 | 1.71 | 9.31 | 8.38 |
| MWAC015 | 64 | 65 | HCC1100 | 48 | 184 | 42 | 206 | X | 53 | 2176 | 1.83 | 9.41 | 8.55 |
| MWAC016 | 16 | 20 | HCC1102 | 13 | 75 | 28 | 496 | X | 60 | 285 | 0.50 | 19 | 8.38 |
| MWAC016 | 20 | 24 | HCC1103 | 5 | 61 | 23 | 274 | X | 55 | 120 | 0.72 | 14.75 | 11.31 |
| MWAC016 | 24 | 28 | HCC1104 | 4 | 40 | 38 | 225 | X | 113 | 331 | 1.29 | 12.48 | 10.47 |
| MWAC016 | 28 | 32 | HCC1105 | 4 | 26 | 23 | 209 | X | 79 | 259 | 1.00 | 14.89 | 10.50 |
| MWAC016 | 32 | 36 | HCC1106 | X | 32 | 38 | 197 | X | 83 | 166 | 0.23 | 10.41 | 12.34 |
| MWAC016 | 36 | 40 | HCC1107 | 4 | 47 | 52 | 186 | X | 84 | 259 | 0.20 | 9.59 | 13.08 |
| MWAC016 | 40 | 44 | HCC1108 | 4 | 88 | 89 | 211 | X | 101 | 336 | 0.23 | 13.07 | 13.26 |
| MWAC016 | 44 | 48 | HCC1109 | 640 | 298 | 81 | 277 | X | 341 | 14121 | 1.22 | 10.17 | 9.90 |
| MWAC016 | 48 | 52 | HCC1110 | 80 | 268 | 49 | 216 | X | 118 | 2081 | 1.55 | 12.92 | 7.59 |
| MWAC016 | 52 | 56 | HCC1111 | 46 | 166 | 47 | 172 | X | 94 | 1015 | 1.94 | 9.15 | 8.63 |
| MWAC016 | 56 | 60 | HCC1112 | 61 | 171 | 47 | 177 | X | 162 | 1347 | 1.76 | 10.36 | 8.40 |
| MWAC016 | 60 | 64 | HCC1113 | 74 | 202 | 50 | 251 | X | 158 | 2877 | 2.22 | 11 | 7.77 |
| MWAC016 | 64 | 68 | HCC1114 | 60 | 131 | 51 | 121 | X | 110 | 2580 | 1.88 | 10.06 | 8.37 |
| MWAC016 | 68 | 72 | HCC1115 | 38 | 107 | 52 | 130 | X | 83 | 873 | 1.78 | 9.82 | 8.86 |
| MWAC016 | 72 | 73 | HCC1116 | 43 | 83 | 45 | 183 | X | 92 | 3109 | 1.54 | 7.57 | 8.63 |
| MWAC017 | 18 | 22 | HCC1117 | 7 | 65 | 22 | 326 | X | 43 | 165 | 0.64 | 13.72 | 9.64 |
| MWAC017 | 22 | 26 | HCC1118 | 4 | 49 | 23 | 268 | X | 50 | 187 | 0.64 | 12.83 | 13.52 |
| MWAC017 | 26 | 30 | HCC1119 | 4 | 62 | 36 | 246 | X | 152 | 292 | 0.64 | 8.62 | 13.87 |
| MWAC017 | 30 | 34 | HCC1120 | 23 | 111 | 73 | 555 | X | 314 | 1270 | 0.24 | 15.17 | 14.28 |
| MWAC017 | 34 | 37 | HCC1122 | 9 | 62 | 47 | 319 | X | 69 | 564 | 3.50 | 8.51 | 10.92 |
| MWAC017 | 37 | 39 | HCC1123 | 4 | 33 | 55 | 338 | X | 75 | 112 | 3.12 | 4.08 | 9.29 |
| MWAC017 | 39 | 43 | HCC1124 | 6 | 61 | 82 | 582 | X | 151 | 92 | 0.21 | 6.39 | 11.94 |
| MWAC017 | 43 | 47 | HCC1125 | 9 | 142 | 127 | 829 | X | 318 | 80 | 0.11 | 7.86 | 9.47 |
| MWAC017 | 47 | 51 | HCC1126 | 51 | 201 | 125 | 1568 | X | 370 | 1534 | 0.21 | 5.27 | 13.54 |
| MWAC017 | 51 | 55 | HCC1127 | 304 | 281 | 152 | 634 | X | 623 | 6903 | 0.14 | 12.57 | 11.95 |
| MWAC017 | 55 | 59 | HCC1128 | 39 | 96 | 124 | 367 | 0.5 | 285 | 429 | 0.14 | 7.64 | 12.83 |
| MWAC017 | 59 | 63 | HCC1129 | 73 | 151 | 81 | 189 | X | 231 | 635 | 0.27 | 9.41 | 11.50 |
| MWAC017 | 63 | 67 | HCC1130 | 164 | 364 | 84 | 186 | X | 271 | 1528 | 0.70 | 10.23 | 10.57 |
| MWAC017 | 67 | 71 | HCC1131 | 123 | 281 | 56 | 122 | X | 231 | 1729 | 0.65 | 11.95 | 8.46 |
| MWAC017 | 71 | 75 | HCC1132 | 78 | 178 | 62 | 138 | X | 231 | 924 | 0.62 | 8.59 | 9.72 |
| MWAC017 | 75 | 79 | HCC1133 | 110 | 250 | 61 | 124 | X | 275 | 1432 | 0.97 | 8.92 | 9.45 |
| MWAC017 | 79 | 83 | HCC1134 | 77 | 170 | 54 | 119 | X | 202 | 946 | 0.80 | 8.73 | 8.41 |
| MWAC017 | 83 | 85 | HCC1135 | 139 | 263 | 52 | 106 | X | 182 | 1370 | 1.29 | 11.15 | 7.65 |
| MWAC017 | 85 | 86 | HCC1136 | 190 | 211 | 54 | 170 | X | 222 | 2151 | 0.53 | 10.48 | 6.91 |
| MWAC018 | 16 | 20 | HCC1137 | 12 | 82 | 28 | 485 | X | 59 | 217 | 0.53 | 15.61 | 8.07 |
| MWAC018 | 20 | 24 | HCC1138 | 4 | 47 | 27 | 308 | X | 64 | 169 | 0.54 | 18.44 | 11.64 |
| MWAC018 | 24 | 28 | HCC1139 | 5 | 52 | 24 | 243 | X | 41 | 173 | 0.51 | 9.96 | 14.39 |
| MWAC018 | 28 | 32 | HCC1140 | 8 | 70 | 34 | 195 | X | 138 | 383 | 0.36 | 8.51 | 15.76 |
| MWAC018 | 32 | 36 | HCC1142 | 24 | 92 | 32 | 375 | X | 111 | 773 | 0.37 | 6.81 | 16.05 |
| MWAC018 | 36 | 40 | HCC1143 | 28 | 100 | 32 | 209 | X | 115 | 2436 | 0.43 | 12.22 | 13.69 |
| MWAC018 | 40 | 44 | HCC1144 | 13 | 89 | 41 | 385 | X | 112 | 841 | 0.25 | 17.99 | 13.14 |
| MWAC018 | 44 | 48 | HCC1145 | 9 | 64 | 34 | 568 | X | 119 | 315 | 0.22 | 15.43 | 14.02 |
| MWAC018 | 48 | 52 | HCC1146 | 15 | 301 | 51 | 711 | X | 169 | 918 | 0.47 | 12.39 | 13.45 |
| MWAC018 | 52 | 56 | HCC1147 | 159 | 834 | 54 | 800 | X | 310 | 6853 | 1.18 | 11.31 | 12.92 |
| MWAC018 | 56 | 60 | HCC1148 | 369 | 838 | 42 | 768 | X | 198 | 5597 | 1.54 | 11.4 | 10.86 |
| MWAC018 | 60 | 64 | HCC1149 | 114 | 628 | 36 | 525 | X | 127 | 2522 | 1.81 | 9.92 | 9.66 |
| MWAC018 | 64 | 68 | HCC1150 | 81 | 572 | 35 | 526 | X | 120 | 1362 | 2.29 | 9.57 | 9.85 |
| MWAC018 | 68 | 72 | HCC1151 | 82 | 618 | 31 | 584 | X | 100 | 1324 | 2.57 | 9.75 | 10.02 |
| MWAC018 | 72 | 76 | HCC1152 | 62 | 530 | 33 | 654 | X | 110 | 859 | 2.96 | 9.07 | 9.43 |
| MWAC018 | 76 | 80 | HCC1153 | 47 | 430 | 28 | 471 | X | 88 | 913 | 4.30 | 9.28 | 7.84 |
| MWAC018 | 80 | 82 | HCC1154 | 64 | 316 | 25 | 358 | X | 84 | 1346 | 5.02 | 11.21 | 6.64 |
| MWAC018 | 82 | 83 | HCC1155 | 62 | 337 | 28 | 462 | X | 101 | 1287 | 4.55 | 7.72 | 9.07 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC019 | 16 | 20 | HCC1156 | 14 | 72 | 36 | 321 | X | 133 | 352 | 0.51 | 15.6 | 7.49 |
| MWAC019 | 20 | 24 | HCC1157 | 10 | 96 | 48 | 224 | X | 240 | 387 | 0.30 | 19.46 | 11.81 |
| MWAC019 | 24 | 28 | HCC1158 | 7 | 97 | 78 | 239 | X | 229 | 443 | 0.21 | 16.25 | 14.80 |
| MWAC019 | 28 | 32 | HCC1159 | 11 | 96 | 79 | 275 | X | 337 | 724 | 0.11 | 19.72 | 14.82 |
| MWAC019 | 32 | 36 | HCC1160 | 7 | 150 | 83 | 211 | X | 411 | 1097 | 0.09 | 20.02 | 12.00 |
| MWAC019 | 36 | 40 | HCC1162 | 16 | 87 | 80 | 237 | X | 281 | 3993 | 0.07 | 19.07 | 13.96 |
| MWAC019 | 40 | 44 | HCC1163 | 74 | 114 | 87 | 226 | X | 263 | 8223 | 0.07 | 16.99 | 14.26 |
| MWAC019 | 44 | 48 | HCC1164 | 111 | 138 | 96 | 159 | X | 333 | 4975 | 0.08 | 14.98 | 13.67 |
| MWAC019 | 48 | 52 | HCC1165 | 89 | 172 | 80 | 211 | X | 354 | 8486 | 0.84 | 14.49 | 13.00 |
| MWAC019 | 52 | 56 | HCC1166 | 209 | 308 | 52 | 176 | X | 292 | 4292 | 1.77 | 10.11 | 8.83 |
| MWAC019 | 56 | 60 | HCC1167 | 75 | 512 | 52 | 207 | X | 209 | 1637 | 2.30 | 11.14 | 8.52 |
| MWAC019 | 60 | 64 | HCC1168 | 84 | 347 | 51 | 157 | X | 187 | 957 | 2.42 | 9.01 | 8.48 |
| MWAC019 | 64 | 65 | HCC1169 | 152 | 326 | 54 | 165 | X | 191 | 3514 | 1.92 | 10.89 | 8.98 |
| MWAC020 | 16 | 20 | HCC1170 | 17 | 87 | 46 | 633 | X | 107 | 394 | 0.39 | 29.32 | 8.54 |
| MWAC020 | 20 | 24 | HCC1171 | 2 | 37 | 41 | 307 | X | 85 | 280 | 0.26 | 24.02 | 10.68 |
| MWAC020 | 24 | 28 | HCC1172 | 3 | 30 | 48 | 215 | X | 60 | 241 | 0.10 | 17.36 | 13.89 |
| MWAC020 | 28 | 32 | HCC1173 | X | 41 | 38 | 214 | X | 68 | 224 | 0.06 | 15.54 | 15.02 |
| MWAC020 | 32 | 36 | HCC1174 | 3 | 50 | 50 | 187 | X | 119 | 906 | 0.05 | 12.72 | 13.75 |
| MWAC020 | 36 | 40 | HCC1175 | 14 | 55 | 78 | 151 | X | 182 | 2700 | 0.06 | 12.6 | 16.72 |
| MWAC020 | 40 | 44 | HCC1176 | 70 | 111 | 120 | 157 | X | 241 | 7603 | 0.08 | 12.65 | 12.92 |
| MWAC020 | 44 | 48 | HCC1177 | 803 | 246 | 83 | 221 | X | 337 | 19262 | 1.27 | 12.67 | 11.66 |
| MWAC020 | 48 | 52 | HCC1178 | 572 | 407 | 61 | 257 | X | 181 | 7741 | 2.49 | 11 | 8.25 |
| MWAC020 | 52 | 56 | HCC1179 | 68 | 270 | 59 | 209 | X | 110 | 2608 | 2.54 | 9.57 | 7.37 |
| MWAC020 | 56 | 60 | HCC1180 | 59 | 139 | 55 | 163 | X | 97 | 1742 | 2.68 | 9.19 | 7.51 |
| MWAC020 | 60 | 64 | HCC1182 | 61 | 164 | 46 | 128 | X | 95 | 3081 | 2.41 | 10.45 | 7.82 |
| MWAC020 | 64 | 68 | HCC1183 | 62 | 138 | 48 | 165 | X | 87 | 2699 | 2.32 | 10.04 | 8.53 |
| MWAC020 | 68 | 71 | HCC1184 | 58 | 128 | 49 | 167 | X | 104 | 1948 | 2.67 | 8.85 | 8.16 |
| MWAC020 | 71 | 72 | HCC1185 | 54 | 154 | 47 | 157 | X | 89 | 1419 | 2.97 | 9.07 | 8.23 |
| MWAC021 | 14 | 18 | HCC1186 | 17 | 108 | 40 | 637 | X | 95 | 395 | 0.38 | 17.01 | 8.36 |
| MWAC021 | 18 | 22 | HCC1187 | 8 | 83 | 34 | 533 | X | 125 | 636 | 0.29 | 23.79 | 11.16 |
| MWAC021 | 22 | 26 | HCC1188 | 6 | 99 | 29 | 264 | X | 105 | 603 | 0.17 | 15.56 | 14.18 |
| MWAC021 | 26 | 30 | HCC1189 | 8 | 133 | 53 | 300 | X | 137 | 288 | 0.11 | 11.44 | 15.63 |
| MWAC021 | 30 | 34 | HCC1190 | 29 | 236 | 121 | 1176 | X | 288 | 344 | 0.09 | 20.92 | 12.19 |
| MWAC021 | 34 | 38 | HCC1191 | 69 | 189 | 79 | 681 | X | 301 | 732 | 0.09 | 23.04 | 12.32 |
| MWAC021 | 38 | 42 | HCC1192 | 143 | 338 | 131 | 565 | X | 413 | 1850 | 0.10 | 28.01 | 11.43 |
| MWAC021 | 42 | 46 | HCC1193 | 95 | 336 | 150 | 749 | X | 383 | 1628 | 0.13 | 18.65 | 12.60 |
| MWAC021 | 46 | 50 | HCC1194 | 106 | 319 | 130 | 357 | 0.5 | 326 | 8023 | 0.10 | 14.72 | 13.92 |
| MWAC021 | 50 | 54 | HCC1195 | 311 | 398 | 111 | 477 | 1.1 | 381 | 18895 | 0.13 | 15.05 | 11.73 |
| MWAC021 | 54 | 58 | HCC1196 | 406 | 520 | 67 | 461 | 0.7 | 326 | 10009 | 0.58 | 11.07 | 9.82 |
| MWAC021 | 58 | 62 | HCC1197 | 77 | 648 | 60 | 343 | X | 208 | 1643 | 1.53 | 10 | 9.94 |
| MWAC021 | 62 | 66 | HCC1198 | 77 | 575 | 59 | 366 | X | 216 | 1388 | 1.63 | 8.79 | 9.80 |
| MWAC021 | 66 | 70 | HCC1199 | 67 | 466 | 60 | 487 | X | 200 | 1278 | 1.87 | 10.16 | 9.00 |
| MWAC021 | 70 | 74 | HCC1200 | 63 | 311 | 55 | 344 | X | 175 | 2576 | 1.90 | 11.09 | 8.07 |
| MWAC021 | 74 | 78 | HCC1202 | 53 | 211 | 53 | 278 | X | 194 | 1187 | 1.87 | 10.47 | 8.55 |
| MWAC021 | 78 | 82 | HCC1203 | 57 | 122 | 48 | 184 | X | 166 | 3056 | 1.28 | 8.43 | 8.15 |
| MWAC021 | 82 | 83 | HCC1204 | 49 | 133 | 57 | 158 | X | 197 | 2251 | 1.94 | 13.39 | 6.82 |
| MWAC022 | 12 | 16 | HCC1205 | 18 | 134 | 37 | 698 | X | 93 | 451 | 0.47 | 14.06 | 8.91 |
| MWAC022 | 16 | 20 | HCC1206 | 18 | 102 | 38 | 504 | X | 88 | 440 | 0.59 | 14.69 | 7.98 |
| MWAC022 | 20 | 24 | HCC1207 | 6 | 74 | 72 | 470 | X | 160 | 317 | 0.57 | 19.99 | 10.76 |
| MWAC022 | 24 | 28 | HCC1208 | 3 | 62 | 72 | 232 | X | 182 | 374 | 0.21 | 18.38 | 13.09 |
| MWAC022 | 28 | 32 | HCC1209 | 8 | 60 | 66 | 205 | X | 177 | 1032 | 0.09 | 19.03 | 12.99 |
| MWAC022 | 32 | 36 | HCC1210 | X | 75 | 85 | 196 | X | 195 | 1013 | 0.06 | 15.15 | 14.14 |
| MWAC022 | 36 | 40 | HCC1211 | 12 | 72 | 102 | 144 | X | 190 | 3602 | 0.06 | 13.57 | 12.32 |
| MWAC022 | 40 | 44 | HCC1212 | 219 | 116 | 66 | 138 | 1.4 | 335 | 28228 | 0.26 | 14.1 | 10.62 |
| MWAC022 | 44 | 48 | HCC1213 | 304 | 205 | 51 | 110 | X | 379 | 18349 | 1.27 | 10.44 | 9.42 |
| MWAC022 | 48 | 52 | HCC1214 | 745 | 266 | 51 | 225 | X | 485 | 21470 | 1.69 | 10 | 7.84 |
| MWAC022 | 52 | 56 | HCC1215 | 1578 | 453 | 58 | 223 | 2.8 | 523 | 27417 | 2.29 | 11.91 | 6.34 |
| MWAC022 | 56 | 60 | HCC1216 | 137 | 410 | 55 | 145 | X | 218 | 4298 | 1.86 | 10.31 | 8.59 |
| MWAC022 | 60 | 64 | HCC1217 | 71 | 254 | 47 | 131 | X | 180 | 3232 | 2.17 | 10.46 | 7.68 |
| MWAC022 | 64 | 65 | HCC1218 | 61 | 140 | 44 | 135 | X | 176 | 1759 | 3.15 | 9.78 | 7.60 |
| MWAC023 | 14 | 18 | HCC1219 | 17 | 116 | 36 | 597 | X | 97 | 364 | 0.50 | 14.24 | 8.77 |
| MWAC023 | 18 | 22 | HCC1220 | 15 | 89 | 41 | 493 | X | 92 | 424 | 0.52 | 19.13 | 8.94 |
| MWAC023 | 22 | 26 | HCC1222 | 10 | 49 | 35 | 303 | X | 106 | 262 | 0.23 | 22.26 | 10.34 |
| MWAC023 | 26 | 30 | HCC1223 | X | 73 | 40 | 272 | X | 131 | 88 | 0.22 | 18.67 | 13.28 |
| MWAC023 | 30 | 34 | HCC1224 | 5 | 54 | 42 | 276 | X | 113 | 229 | 0.07 | 19.68 | 12.29 |
| MWAC023 | 34 | 38 | HCC1225 | 3 | 74 | 78 | 199 | X | 180 | 307 | 0.06 | 14.66 | 13.98 |
| MWAC023 | 38 | 42 | HCC1226 | 3 | 65 | 127 | 189 | X | 205 | 464 | 0.06 | 14.14 | 13.33 |
| MWAC023 | 42 | 46 | HCC1227 | 3 | 68 | 77 | 162 | X | 265 | 568 | 0.06 | 12.22 | 12.22 |
| MWAC023 | 46 | 50 | HCC1228 | 7 | 113 | 131 | 212 | X | 325 | 1759 | 0.08 | 18.04 | 12.78 |
| MWAC023 | 50 | 54 | HCC1229 | 48 | 141 | 113 | 173 | X | 443 | 7560 | 0.09 | 18.3 | 12.77 |
| MWAC023 | 54 | 58 | HCC1230 | 977 | 495 | 72 | 140 | 1.5 | 778 | 51625 | 1.01 | 15.35 | 10.10 |
| MWAC023 | 58 | 62 | HCC1231 | 340 | 571 | 52 | 152 | X | 323 | 16194 | 2.01 | 11.65 | 8.05 |
| MWAC023 | 62 | 63 | HCC1232 | 61 | 276 | 48 | 147 | X | 142 | 2350 | 2.50 | 10.33 | 8.18 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC024 | 16 | 20 | HCC1233 | 20 | 114 | 44 | 688 | X | 92 | 449 | 0.62 | 21.8 | 8.92 |
| MWAC024 | 20 | 24 | HCC1234 | 8 | 68 | 31 | 437 | X | 46 | 160 | 0.85 | 11.99 | 9.54 |
| MWAC024 | 24 | 28 | HCC1235 | 23 | 65 | 25 | 528 | X | 71 | 212 | 0.33 | 30.55 | 8.37 |
| MWAC024 | 28 | 32 | HCC1236 | 5 | 50 | 18 | 181 | X | 20 | 51 | 0.47 | 3.35 | 17.12 |
| MWAC024 | 32 | 36 | HCC1237 | 10 | 64 | 20 | 167 | X | 39 | 264 | 0.38 | 2.94 | 16.56 |
| MWAC024 | 36 | 40 | HCC1238 | 17 | 56 | 13 | 316 | X | 31 | 124 | 4.38 | 2.97 | 10.45 |
| MWAC024 | 40 | 44 | HCC1239 | 11 | 48 | 11 | 288 | X | 22 | 185 | 5.54 | 4.74 | 7.89 |
| MWAC024 | 44 | 48 | HCC1240 | 6 | 54 | 7 | 217 | X | 15 | 142 | 8.57 | 2.76 | 4.37 |
| MWAC024 | 48 | 52 | HCC1242 | 8 | 54 | 7 | 159 | X | 14 | 149 | 7.73 | 2.41 | 4.48 |
| MWAC024 | 52 | 56 | HCC1243 | 19 | 73 | 15 | 327 | X | 40 | 473 | 4.48 | 5.73 | 5.84 |
| MWAC024 | 56 | 60 | HCC1244 | 33 | 116 | 25 | 399 | X | 58 | 435 | 3.75 | 3.96 | 4.72 |
| MWAC024 | 60 | 64 | HCC1245 | 40 | 151 | 55 | 275 | X | 93 | 326 | 1.72 | 6.81 | 8.50 |
| MWAC024 | 64 | 68 | HCC1246 | 47 | 165 | 66 | 224 | X | 86 | 394 | 1.27 | 10.09 | 8.62 |
| MWAC024 | 68 | 72 | HCC1247 | 34 | 150 | 56 | 254 | X | 53 | 301 | 1.49 | 9.22 | 8.79 |
| MWAC024 | 72 | 76 | HCC1248 | 28 | 119 | 51 | 236 | X | 70 | 398 | 1.25 | 11.12 | 6.96 |
| MWAC024 | 76 | 80 | HCC1249 | 27 | 120 | 62 | 251 | X | 26 | 235 | 1.77 | 8.56 | 9.64 |
| MWAC024 | 80 | 84 | HCC1250 | 29 | 110 | 54 | 215 | X | 14 | 277 | 1.98 | 7.91 | 8.87 |
| MWAC024 | 84 | 88 | HCC1251 | 30 | 93 | 54 | 166 | X | 39 | 330 | 1.55 | 8.45 | 8.47 |
| MWAC024 | 88 | 92 | HCC1252 | 33 | 99 | 64 | 173 | X | 51 | 553 | 1.45 | 9.31 | 8.26 |
| MWAC024 | 92 | 93 | HCC1253 | 26 | 95 | 55 | 188 | X | 84 | 513 | 2.13 | 8.35 | 8.34 |
| MWAC025 | 16 | 20 | HCC1254 | 16 | 117 | 35 | 489 | X | 70 | 403 | 0.91 | 14.89 | 8.53 |
| MWAC025 | 20 | 24 | HCC1255 | 7 | 84 | 22 | 430 | X | 43 | 226 | 0.42 | 13.12 | 14.70 |
| MWAC025 | 24 | 28 | HCC1256 | 5 | 70 | 24 | 466 | 0.5 | 54 | 236 | 0.18 | 18.31 | 11.71 |
| MWAC025 | 28 | 32 | HCC1257 | 7 | 63 | 64 | 201 | X | 92 | 207 | 0.17 | 4.51 | 16.02 |
| MWAC025 | 32 | 36 | HCC1258 | 2 | 79 | 23 | 312 | X | 37 | 45 | 0.71 | 7.48 | 15.93 |
| MWAC025 | 36 | 40 | HCC1259 | 4 | 96 | 28 | 351 | X | 73 | 99 | 0.19 | 9.15 | 17.09 |
| MWAC025 | 40 | 44 | HCC1260 | 6 | 116 | 31 | 249 | X | 68 | 181 | 0.19 | 11.78 | 15.45 |
| MWAC025 | 44 | 48 | HCC1262 | 7 | 157 | 41 | 249 | X | 90 | 296 | 0.16 | 10.79 | 14.11 |
| MWAC025 | 48 | 52 | HCC1263 | 6 | 121 | 53 | 261 | X | 118 | 342 | 0.10 | 7.73 | 17.1 |
| MWAC025 | 52 | 56 | HCC1264 | 5 | 129 | 30 | 248 | X | 107 | 352 | 0.11 | 6.37 | 13.09 |
| MWAC025 | 56 | 60 | HCC1265 | 17 | 130 | 26 | 170 | X | 80 | 485 | 0.18 | 5.49 | 10.47 |
| MWAC025 | 60 | 64 | HCC1266 | 27 | 64 | 19 | 116 | X | 34 | 319 | 0.45 | 3.09 | 9.34 |
| MWAC025 | 64 | 67 | HCC1267 | 275 | 252 | 16 | 83 | X | 98 | 5649 | 0.66 | 3.67 | 8.37 |
| MWAC025 | 67 | 68 | HCC1268 | 450 | 358 | 14 | 75 | X | 74 | 11398 | 0.52 | 3.61 | 7.46 |
| MWAC026 | 12 | 16 | HCC1269 | 19 | 135 | 32 | 522 | X | 78 | 398 | 0.38 | 10.93 | 9.56 |
| MWAC026 | 16 | 20 | HCC1270 | 21 | 153 | 53 | 929 | X | 99 | 598 | 0.66 | 21.02 | 9.59 |
| MWAC026 | 20 | 24 | HCC1271 | 11 | 132 | 49 | 439 | X | 86 | 140 | 0.54 | 8.42 | 11.57 |
| MWAC026 | 24 | 28 | HCC1272 | 8 | 103 | 32 | 415 | X | 46 | 52 | 0.46 | 15.43 | 11.81 |
| MWAC026 | 28 | 32 | HCC1273 | 4 | 64 | 34 | 293 | X | 73 | 157 | 0.36 | 15.15 | 12.53 |
| MWAC026 | 32 | 36 | HCC1274 | 4 | 62 | 47 | 237 | X | 187 | 257 | 0.31 | 11.09 | 12.80 |
| MWAC026 | 36 | 40 | HCC1275 | 8 | 67 | 72 | 221 | X | 368 | 593 | 0.11 | 13.6 | 13.89 |
| MWAC026 | 40 | 44 | HCC1276 | 61 | 147 | 127 | 226 | X | 322 | 2180 | 0.09 | 19.98 | 13.16 |
| MWAC026 | 44 | 48 | HCC1277 | 10 | 73 | 252 | 207 | X | 397 | 953 | 0.07 | 12.9 | 15.83 |
| MWAC026 | 48 | 52 | HCC1278 | 7 | 93 | 113 | 216 | X | 237 | 357 | 0.07 | 14.2 | 14.22 |
| MWAC026 | 52 | 56 | HCC1279 | 7 | 96 | 75 | 197 | X | 205 | 822 | 0.08 | 14.18 | 14.41 |
| MWAC026 | 56 | 60 | HCC1280 | 23 | 52 | 70 | 188 | X | 155 | 4538 | 0.07 | 15.6 | 12.64 |
| MWAC026 | 60 | 64 | HCC1282 | 144 | 72 | 63 | 162 | 1.9 | 175 | 38333 | 0.08 | 14.49 | 12.15 |
| MWAC026 | 64 | 68 | HCC1283 | 134 | 83 | 75 | 243 | 1.1 | 157 | 23806 | 0.09 | 15.26 | 13.24 |
| MWAC026 | 68 | 72 | HCC1284 | 114 | 83 | 80 | 185 | X | 164 | 4906 | 0.10 | 15.18 | 13.49 |
| MWAC026 | 72 | 76 | HCC1285 | 89 | 82 | 100 | 188 | X | 206 | 4011 | 0.12 | 15.6 | 12.41 |
| MWAC026 | 76 | 80 | HCC1286 | 145 | 108 | 98 | 156 | X | 290 | 5457 | 0.13 | 17.02 | 12.13 |
| MWAC026 | 80 | 84 | HCC1287 | 134 | 113 | 87 | 121 | X | 310 | 6016 | 0.12 | 15.19 | 12.65 |
| MWAC026 | 84 | 88 | HCC1288 | 157 | 103 | 91 | 172 | X | 290 | 5282 | 0.14 | 14.94 | 11.57 |
| MWAC026 | 88 | 92 | HCC1289 | 150 | 123 | 92 | 181 | X | 298 | 3561 | 0.14 | 11.59 | 11.58 |
| MWAC026 | 92 | 96 | HCC1290 | 75 | 134 | 86 | 192 | X | 319 | 1581 | 0.26 | 11.93 | 13.50 |
| MWAC026 | 96 | 100 | HCC1291 | 146 | 200 | 100 | 242 | X | 423 | 2443 | 0.57 | 19.83 | 10.25 |
| MWAC026 | 100 | 104 | HCC1292 | 74 | 162 | 79 | 241 | X | 272 | 1172 | 1.48 | 12.26 | 11.34 |
| MWAC026 | 104 | 108 | HCC1293 | 76 | 167 | 77 | 202 | X | 247 | 1161 | 1.19 | 9.74 | 12.02 |
| MWAC026 | 108 | 112 | HCC1294 | 93 | 221 | 70 | 293 | X | 214 | 3346 | 1.71 | 12.05 | 9.99 |
| MWAC026 | 112 | 116 | HCC1295 | 57 | 184 | 68 | 277 | X | 173 | 907 | 2.21 | 10.32 | 9.91 |
| MWAC026 | 116 | 120 | HCC1296 | 49 | 161 | 67 | 255 | X | 119 | 541 | 1.56 | 13.16 | 8.45 |
| MWAC026 | 120 | 124 | HCC1297 | 54 | 139 | 55 | 210 | X | 118 | 507 | 1.91 | 9.91 | 8.55 |
| MWAC026 | 124 | 128 | HCC1298 | 38 | 112 | 57 | 221 | X | 120 | 439 | 2.00 | 13.48 | 6.73 |
| MWAC026 | 128 | 132 | HCC1299 | 48 | 112 | 56 | 224 | X | 167 | 465 | 2.41 | 6.86 | 9.31 |
| MWAC026 | 132 | 136 | HCC1300 | 45 | 91 | 54 | 230 | X | 108 | 579 | 1.97 | 5.42 | 8.92 |
| MWAC026 | 136 | 140 | HCC1302 | 80 | 128 | 54 | 208 | X | 127 | 1065 | 2.22 | 6.23 | 9.67 |
| MWAC026 | 140 | 141 | HCC1303 | 55 | 120 | 47 | 193 | X | 90 | 904 | 2.55 | 5.44 | 9.22 |
| MWAC026 | 141 | 142 | HCC1304 | 56 | 112 | 48 | 189 | X | 89 | 993 | 2.39 | 5.57 | 9.64 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC027 | 12 | 16 | HCC1305 | 19 | 170 | 36 | 758 | X | 83 | 329 | 0.44 | 14.46 | 9.63 |
| MWAC027 | 16 | 20 | HCC1306 | 23 | 187 | 50 | 843 | X | 99 | 505 | 0.68 | 16.25 | 9.81 |
| MWAC027 | 20 | 24 | HCC1307 | 11 | 123 | 50 | 1139 | X | 75 | 193 | 0.58 | 25.9 | 8.90 |
| MWAC027 | 24 | 28 | HCC1308 | 16 | 93 | 37 | 721 | X | 70 | 77 | 0.56 | 24.25 | 9.81 |
| MWAC027 | 28 | 32 | HCC1309 | 4 | 34 | 34 | 238 | X | 107 | 210 | 1.11 | 17.22 | 11.32 |
| MWAC027 | 32 | 36 | HCC1310 | 4 | 51 | 78 | 152 | X | 248 | 226 | 0.18 | 14.62 | 14.11 |
| MWAC027 | 36 | 40 | HCC1311 | 11 | 87 | 137 | 156 | X | 308 | 356 | 0.12 | 15.74 | 13.58 |
| MWAC027 | 40 | 44 | HCC1312 | 11 | 73 | 107 | 150 | X | 219 | 354 | 0.09 | 12.51 | 12.09 |
| MWAC027 | 44 | 48 | HCC1313 | 11 | 98 | 92 | 131 | X | 266 | 346 | 0.08 | 12.62 | 11.63 |
| MWAC027 | 48 | 52 | HCC1314 | 10 | 85 | 90 | 162 | X | 260 | 1524 | 0.08 | 14.52 | 11.56 |
| MWAC027 | 52 | 56 | HCC1315 | 277 | 111 | 80 | 109 | 0.7 | 317 | 13870 | 0.07 | 11.47 | 11.73 |
| MWAC027 | 56 | 60 | HCC1316 | 1010 | 448 | 71 | 132 | X | 544 | 10087 | 0.09 | 15.09 | 10.53 |
| MWAC027 | 60 | 64 | HCC1317 | 1179 | 346 | 66 | 141 | X | 534 | 18870 | 0.09 | 9.42 | 10.94 |
| MWAC027 | 64 | 68 | HCC1318 | 3470 | 645 | 97 | 149 | 2.3 | 1197 | 27999 | 0.09 | 18 | 9.15 |
| MWAC027 | 68 | 72 | HCC1319 | 573 | 245 | 95 | 182 | 1.5 | 473 | 6714 | 0.08 | 22.32 | 10.30 |
| MWAC027 | 72 | 76 | HCC1320 | 217 | 139 | 85 | 207 | 0.9 | 342 | 3079 | 0.08 | 12.06 | 12.47 |
| MWAC027 | 76 | 80 | HCC1322 | 312 | 231 | 90 | 195 | X | 363 | 3775 | 0.11 | 13.81 | 12.08 |
| MWAC027 | 80 | 84 | HCC1323 | 253 | 222 | 78 | 166 | X | 324 | 2832 | 0.09 | 14.18 | 10.62 |
| MWAC027 | 84 | 88 | HCC1324 | 292 | 256 | 65 | 136 | X | 430 | 6390 | 0.21 | 20.16 | 8.96 |
| MWAC027 | 88 | 92 | HCC1325 | 43 | 75 | 73 | 143 | X | 285 | 1327 | 0.10 | 4.65 | 12.95 |
| MWAC027 | 92 | 96 | HCC1326 | 14 | 53 | 90 | 164 | X | 197 | 246 | 0.15 | 3.85 | 14.74 |
| MWAC027 | 96 | 100 | HCC1327 | 28 | 133 | 55 | 232 | X | 303 | 815 | 0.16 | 22.02 | 6.63 |
| MWAC027 | 100 | 104 | HCC1328 | 139 | 154 | 68 | 160 | X | 518 | 715 | 0.14 | 16.25 | 9.54 |
| MWAC027 | 104 | 108 | HCC1329 | 38 | 71 | 87 | 170 | X | 361 | 196 | 0.18 | 3.92 | 13.51 |
| MWAC027 | 108 | 112 | HCC1330 | 39 | 102 | 94 | 173 | X | 322 | 385 | 0.42 | 5.01 | 13.52 |
| MWAC027 | 112 | 116 | HCC1331 | 40 | 114 | 79 | 158 | X | 372 | 367 | 0.48 | 10.92 | 11.32 |
| MWAC027 | 116 | 120 | HCC1332 | 38 | 114 | 82 | 170 | X | 321 | 310 | 0.36 | 9.88 | 12.31 |
| MWAC027 | 120 | 124 | HCC1333 | 83 | 172 | 87 | 190 | X | 268 | 676 | 1.51 | 7.47 | 11.86 |
| MWAC027 | 124 | 128 | HCC1334 | 117 | 245 | 73 | 193 | X | 271 | 1085 | 2.21 | 11.11 | 10.50 |
| MWAC027 | 128 | 132 | HCC1335 | 95 | 225 | 77 | 194 | X | 271 | 936 | 2.15 | 9.83 | 10.15 |
| MWAC027 | 132 | 136 | HCC1336 | 110 | 213 | 70 | 144 | X | 252 | 1458 | 2.75 | 9.55 | 10.10 |
| MWAC027 | 136 | 140 | HCC1337 | 90 | 192 | 62 | 138 | X | 225 | 1093 | 2.26 | 10.41 | 9.59 |
| MWAC027 | 140 | 144 | HCC1338 | 84 | 189 | 55 | 166 | X | 214 | 1076 | 2.12 | 12.01 | 8.70 |
| MWAC027 | 144 | 148 | HCC1339 | 75 | 167 | 55 | 128 | X | 164 | 886 | 2.33 | 12.93 | 7.26 |
| MWAC027 | 148 | 149 | HCC1340 | 53 | 172 | 43 | 115 | X | 147 | 374 | 1.04 | 14.28 | 7.02 |
| MWAC028 | 12 | 16 | HCC1342 | 26 | 244 | 38 | 1102 | X | 109 | 490 | 1.00 | 19.46 | 7.81 |
| MWAC028 | 16 | 20 | HCC1343 | 8 | 49 | 16 | 322 | X | 51 | 208 | 0.59 | 7.43 | 8.27 |
| MWAC028 | 20 | 24 | HCC1344 | 16 | 88 | 32 | 405 | X | 103 | 302 | 1.27 | 10.16 | 9.58 |
| MWAC028 | 24 | 28 | HCC1345 | 24 | 126 | 37 | 349 | X | 136 | 206 | 1.58 | 8.35 | 8.73 |
| MWAC028 | 28 | 32 | HCC1346 | 258 | 317 | 38 | 271 | X | 105 | 2443 | 3.18 | 8.26 | 7.91 |
| MWAC028 | 32 | 34 | HCC1347 | 79 | 373 | 40 | 269 | X | 97 | 1582 | 4.56 | 8.77 | 8.39 |
| MWAC028 | 34 | 35 | HCC1348 | 58 | 173 | 38 | 257 | X | 101 | 1468 | 4.29 | 8.18 | 8.06 |
| MWAC029 | 10 | 14 | HCC1349 | 23 | 169 | 36 | 1261 | X | 79 | 397 | 0.39 | 20.04 | 7.65 |
| MWAC029 | 18 | 22 | HCC1351 | 14 | 128 | 43 | 1081 | X | 75 | 394 | 0.63 | 21.93 | 9.77 |
| MWAC029 | 22 | 26 | HCC1352 | 1 | 44 | 24 | 530 | X | 55 | 93 | 0.47 | 23.11 | 10.70 |
| MWAC029 | 26 | 30 | HCC1353 | X | 29 | 32 | 367 | X | 70 | 155 | 0.69 | 22.25 | 10.37 |
| MWAC029 | 30 | 34 | HCC1354 | X | 34 | 49 | 263 | X | 108 | 700 | 0.72 | 15.13 | 13.02 |
| MWAC029 | 34 | 38 | HCC1355 | 2 | 41 | 45 | 302 | X | 128 | 604 | 0.34 | 12.26 | 12.76 |
| MWAC029 | 38 | 42 | HCC1356 | 2 | 48 | 100 | 193 | X | 147 | 903 | 0.13 | 11.99 | 11.93 |
| MWAC029 | 42 | 46 | HCC1357 | 4 | 64 | 74 | 229 | X | 140 | 917 | 0.37 | 10.58 | 11.82 |
| MWAC029 | 46 | 50 | HCC1358 | 13 | 124 | 126 | 287 | X | 179 | 639 | 0.92 | 9.6 | 11.17 |
| MWAC029 | 50 | 54 | HCC1359 | 739 | 329 | 50 | 231 | X | 379 | 18713 | 1.21 | 7.71 | 6.85 |
| MWAC029 | 54 | 58 | HCC1360 | 180 | 519 | 46 | 334 | X | 127 | 4085 | 2.65 | 8.46 | 8.14 |
| MWAC029 | 58 | 60 | HCC1362 | 46 | 400 | 41 | 295 | X | 111 | 1137 | 3.22 | 8.78 | 8.53 |
| MWAC029 | 60 | 61 | HCC1363 | 37 | 189 | 40 | 227 | X | 91 | 1130 | 3.90 | 8.67 | 8.63 |
| MWAC030 | 0 | 4 | HCC1364 | 35 | 155 | 31 | 476 | X | 136 | 888 | 1.05 | 17.88 | 6.85 |
| MWAC030 | 4 | 8 | HCC1365 | 56 | 493 | 27 | 804 | X | 96 | 1526 | 4.08 | 14.19 | 6.36 |
| MWAC030 | 8 | 12 | HCC1366 | 74 | 1102 | 23 | 1758 | X | 45 | 864 | 10.91 | 7.38 | 3.64 |
| MWAC030 | 12 | 13 | HCC1367 | 69 | 1183 | 24 | 1861 | X | 32 | 814 | 12.06 | 7.52 | 3.73 |
| MWAC032 | 0 | 4 | HCC1372 | 106 | 1250 | 28 | 2206 | X | 52 | 869 | 5.97 | 11.16 | 5.05 |
| MWAC032 | 4 | 8 | HCC1373 | 114 | 1624 | 29 | 2517 | X | 52 | 1443 | 8.90 | 9.15 | 4.12 |
| MWAC032 | 8 | 12 | HCC1374 | 116 | 1485 | 29 | 2427 | X | 54 | 1674 | 8.93 | 9.36 | 4.26 |
| MWAC032 | 12 | 16 | HCC1375 | 102 | 1446 | 28 | 2456 | X | 50 | 1633 | 8.66 | 9.02 | 3.97 |
| MWAC032 | 16 | 20 | HCC1376 | 74 | 1067 | 23 | 1839 | X | 41 | 1139 | 10.01 | 6.76 | 3.26 |
| MWAC032 | 20 | 24 | HCC1377 | 77 | 1080 | 24 | 1900 | X | 35 | 1124 | 10.98 | 7.04 | 3.38 |
| MWAC032 | 24 | 28 | HCC1378 | 79 | 894 | 27 | 1450 | X | 102 | 1763 | 8.93 | 9.04 | 2.97 |
| MWAC032 | 28 | 32 | HCC1379 | 77 | 1032 | 23 | 1885 | X | 41 | 1053 | 11.10 | 6.94 | 3.32 |
| MWAC032 | 32 | 36 | HCC1380 | 71 | 948 | 21 | 1696 | X | 45 | 1103 | 11.35 | 6.18 | 2.95 |
| MWAC032 | 36 | 40 | HCC1382 | 79 | 1040 | 24 | 1884 | X | 47 | 1146 | 13.11 | 7.56 | 3.47 |
| MWAC032 | 40 | 44 | HCC1383 | 76 | 993 | 22 | 1779 | X | 37 | 1294 | 14.19 | 7.08 | 3.31 |
| MWAC032 | 44 | 46 | HCC1384 | 86 | 1151 | 24 | 1961 | X | 44 | 1213 | 15.22 | 7.38 | 3.43 |
| MWAC032 | 46 | 47 | HCC1385 | 86 | 1077 | 25 | 2021 | X | 33 | 1260 | 14.70 | 7.58 | 3.58 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC033 | 0 | 4 | HCC1386 | 50 | 152 | 54 | 3304 | X | 86 | 147 | 0.28 | 33.34 | 5.75 |
| MWAC033 | 4 | 8 | HCC1387 | 85 | 263 | 91 | 2741 | X | 255 | 298 | 0.22 | 23.87 | 6.32 |
| MWAC033 | 8 | 9 | HCC1388 | 17 | 92 | 20 | 548 | X | 77 | 162 | 0.06 | 3.66 | 2.18 |
| MWAC033 | 9 | 13 | HCC1389 | 128 | 489 | 89 | 1758 | X | 170 | 869 | 0.33 | 18.31 | 8.92 |
| MWAC033 | 13 | 17 | HCC1390 | 98 | 439 | 122 | 1894 | X | 192 | 1426 | 0.18 | 15.5 | 8.72 |
| MWAC033 | 17 | 21 | HCC1391 | 297 | 648 | 83 | 1812 | X | 60 | 9762 | 0.34 | 18.92 | 9.20 |
| MWAC033 | 21 | 25 | HCC1392 | 552 | 547 | 71 | 887 | 0.7 | 97 | 16940 | 0.73 | 17.46 | 9.47 |
| MWAC033 | 25 | 29 | HCC1393 | 157 | 260 | 38 | 132 | X | 112 | 8881 | 2.03 | 14.69 | 6.55 |
| MWAC033 | 29 | 33 | HCC1394 | 72 | 377 | 38 | 557 | X | 122 | 990 | 3.01 | 11.7 | 6.22 |
| MWAC033 | 33 | 37 | HCC1395 | 75 | 176 | 46 | 223 | X | 128 | 1515 | 2.22 | 10.35 | 7.72 |
| MWAC033 | 37 | 41 | HCC1396 | 64 | 188 | 43 | 294 | X | 105 | 1278 | 2.35 | 9.34 | 7.66 |
| MWAC033 | 41 | 45 | HCC1397 | 60 | 116 | 40 | 143 | X | 108 | 1129 | 2.89 | 11.57 | 7.46 |
| MWAC033 | 45 | 49 | HCC1398 | 56 | 143 | 43 | 188 | X | 14 | 1172 | 4.48 | 10.79 | 7.81 |
| MWAC033 | 49 | 50 | HCC1399 | 61 | 146 | 46 | 158 | X | 5 | 1182 | 4.94 | 11.04 | 8.70 |
| MWAC034 | 4 | 8 | HCC1402 | 35 | 112 | 39 | 288 | X | 165 | 352 | 0.40 | 15.28 | 8.55 |
| MWAC034 | 8 | 12 | HCC1403 | 28 | 135 | 37 | 159 | X | 207 | 888 | 0.97 | 13.4 | 10.24 |
| MWAC034 | 12 | 16 | HCC1404 | 257 | 167 | 50 | 102 | X | 209 | 4714 | 0.63 | 12.15 | 8.82 |
| MWAC034 | 16 | 20 | HCC1405 | 150 | 252 | 53 | 196 | X | 185 | 1355 | 0.31 | 13.78 | 9.19 |
| MWAC034 | 20 | 24 | HCC1406 | 200 | 412 | 52 | 127 | X | 181 | 1698 | 1.70 | 11.97 | 8.62 |
| MWAC034 | 24 | 28 | HCC1407 | 84 | 265 | 52 | 125 | X | 189 | 1119 | 1.76 | 11.87 | 8.97 |
| MWAC034 | 28 | 32 | HCC1408 | 54 | 271 | 50 | 130 | X | 190 | 703 | 2.10 | 11.62 | 8.54 |
| MWAC034 | 32 | 36 | HCC1409 | 62 | 222 | 66 | 200 | X | 255 | 1429 | 0.46 | 14.56 | 10.67 |
| MWAC034 | 36 | 40 | HCC1410 | 77 | 146 | 45 | 100 | X | 152 | 1612 | 2.35 | 13.46 | 7.77 |
| MWAC034 | 40 | 41 | HCC1411 | 57 | 99 | 43 | 92 | X | 143 | 1378 | 2.48 | 11.26 | 7.40 |
| MWAC035 | 0 | 4 | HCC1412 | 66 | 819 | 27 | 1769 | X | 56 | 842 | 8.61 | 7.74 | 4.00 |
| MWAC035 | 4 | 8 | HCC1413 | 72 | 1026 | 28 | 1782 | X | 40 | 1313 | 9.36 | 7.71 | 4.17 |
| MWAC035 | 8 | 12 | HCC1414 | 81 | 1053 | 27 | 1828 | X | 52 | 1174 | 9.26 | 7.75 | 4.01 |
| MWAC035 | 12 | 16 | HCC1415 | 82 | 968 | 29 | 2121 | X | 41 | 1233 | 9.64 | 8.21 | 4.21 |
| MWAC035 | 16 | 20 | HCC1416 | 99 | 1121 | 25 | 1909 | X | 71 | 1953 | 9.60 | 8.02 | 3.68 |
| MWAC035 | 20 | 24 | HCC1417 | 71 | 936 | 21 | 1516 | X | 51 | 1091 | 10.59 | 6.97 | 3.30 |
| MWAC035 | 24 | 28 | HCC1418 | 77 | 1009 | 20 | 1642 | X | 38 | 982 | 11.45 | 6.75 | 3.06 |
| MWAC035 | 28 | 32 | HCC1419 | 76 | 1101 | 21 | 1763 | X | 43 | 918 | 11.70 | 7.07 | 3.14 |
| MWAC035 | 32 | 34 | HCC1420 | 69 | 904 | 20 | 1345 | X | 57 | 1226 | 11.94 | 6.62 | 3.12 |
| MWAC035 | 34 | 35 | HCC1422 | 83 | 922 | 26 | 1831 | X | 31 | 41 | 13.39 | 7.63 | 3.80 |
| MWAC036 | 0 | 4 | HCC1423 | 53 | 729 | 27 | 1658 | X | 113 | 1288 | 1.71 | 16.23 | 5.77 |
| MWAC036 | 4 | 8 | HCC1424 | 163 | 2017 | 22 | 2340 | X | 46 | 199 | 5.04 | 9.21 | 4.09 |
| MWAC036 | 8 | 12 | HCC1425 | 216 | 2741 | 28 | 2081 | X | 20 | 1310 | 8.79 | 8.47 | 4.23 |
| MWAC036 | 12 | 16 | HCC1426 | 90 | 1919 | 25 | 2123 | X | 56 | 1494 | 9.56 | 8.48 | 3.64 |
| MWAC036 | 16 | 20 | HCC1427 | 79 | 1461 | 21 | 1551 | X | 39 | 1346 | 9.64 | 7.23 | 2.99 |
| MWAC036 | 20 | 24 | HCC1428 | 65 | 767 | 20 | 876 | X | 96 | 1623 | 8.97 | 8.78 | 2.23 |
| MWAC036 | 24 | 28 | HCC1429 | 66 | 929 | 19 | 1259 | X | 108 | 916 | 9.83 | 6.49 | 2.88 |
| MWAC036 | 28 | 32 | HCC1430 | 64 | 961 | 22 | 1390 | X | 73 | 801 | 10.44 | 6.82 | 3.41 |
| MWAC036 | 32 | 36 | HCC1431 | 61 | 1119 | 18 | 1357 | X | 31 | 785 | 10.40 | 6.1 | 2.51 |
| MWAC036 | 36 | 40 | HCC1432 | 61 | 1085 | 16 | 1154 | X | 10 | 868 | 10.30 | 6.09 | 2.18 |
| MWAC036 | 40 | 43 | HCC1433 | 66 | 969 | 18 | 1330 | X | 52 | 973 | 11.16 | 6.14 | 2.65 |
| MWAC036 | 43 | 44 | HCC1434 | 68 | 700 | 12 | 866 | X | 175 | 2478 | 11.09 | 4.55 | 1.90 |
| MWAC037 | 0 | 4 | HCC1435 | 50 | 225 | 27 | 860 | X | 123 | 621 | 0.96 | 19.18 | 6.55 |
| MWAC037 | 4 | 8 | HCC1436 | 70 | 411 | 26 | 4303 | X | 56 | 318 | 1.20 | 19.71 | 9.79 |
| MWAC037 | 8 | 12 | HCC1437 | 36 | 351 | 34 | 8171 | X | 27 | 172 | 1.66 | 25.7 | 11.87 |
| MWAC037 | 12 | 16 | HCC1438 | 16 | 833 | 62 | 6071 | X | 92 | 47 | 0.30 | 14.54 | 15.75 |
| MWAC037 | 16 | 20 | HCC1439 | 30 | 934 | 85 | 6534 | X | 91 | 77 | 0.15 | 15.66 | 15.02 |
| MWAC037 | 20 | 24 | HCC1440 | 47 | 708 | 94 | 5711 | X | 125 | 218 | 0.22 | 24.92 | 11.28 |
| MWAC037 | 24 | 28 | HCC1442 | 438 | 4485 | 37 | 2676 | X | 108 | 316 | 3.75 | 14.37 | 6.23 |
| MWAC037 | 28 | 32 | HCC1443 | 320 | 4291 | 33 | 2995 | X | 56 | 283 | 5.52 | 12.2 | 4.89 |
| MWAC037 | 32 | 36 | HCC1444 | 262 | 2315 | 29 | 2406 | X | 38 | 2109 | 9.76 | 9.48 | 4.48 |
| MWAC037 | 36 | 37 | HCC1445 | 103 | 1683 | 24 | 2102 | X | 39 | 4858 | 10.51 | 8.59 | 3.70 |
| MWAC038 | 10 | 14 | HCC1446 | 8 | 89 | 58 | 894 | X | 110 | 391 | 0.14 | 22.13 | 17.36 |
| MWAC038 | 14 | 18 | HCC1447 | 18 | 327 | 81 | 3433 | X | 182 | 364 | 0.29 | 28.12 | 13.20 |
| MWAC038 | 18 | 22 | HCC1448 | 10 | 249 | 68 | 2349 | X | 135 | 376 | 1.46 | 21.52 | 10.79 |
| MWAC038 | 22 | 26 | HCC1449 | 29 | 114 | 91 | 595 | X | 232 | 839 | 0.50 | 15.8 | 13.11 |
| MWAC038 | 26 | 30 | HCC1450 | 266 | 139 | 83 | 338 | X | 333 | 4995 | 0.20 | 13.14 | 11.10 |
| MWAC038 | 30 | 34 | HCC1451 | 134 | 149 | 60 | 156 | X | 242 | 3672 | 0.17 | 12.03 | 9.52 |
| MWAC038 | 34 | 38 | HCC1452 | 264 | 174 | 65 | 229 | X | 285 | 3155 | 0.21 | 12.58 | 8.25 |
| MWAC038 | 38 | 42 | HCC1453 | 219 | 227 | 60 | 129 | X | 278 | 3480 | 0.20 | 12.55 | 9.33 |
| MWAC038 | 42 | 46 | HCC1454 | 79 | 362 | 64 | 151 | X | 313 | 5832 | 0.25 | 16.45 | 10.63 |
| MWAC038 | 46 | 50 | HCC1455 | 136 | 391 | 56 | 138 | X | 262 | 6602 | 0.51 | 20.46 | 8.76 |
| MWAC038 | 50 | 54 | HCC1456 | 71 | 345 | 40 | 250 | X | 138 | 1163 | 1.31 | 15.26 | 7.23 |
| MWAC038 | 54 | 58 | HCC1457 | 63 | 282 | 46 | 222 | X | 170 | 1201 | 1.34 | 12.99 | 8.19 |
| MWAC038 | 58 | 62 | HCC1458 | 45 | 354 | 45 | 338 | X | 140 | 1210 | 2.37 | 9.32 | 8.03 |
| MWAC038 | 62 | 66 | HCC1459 | 94 | 1247 | 36 | 2048 | X | 134 | 1669 | 1.83 | 13.72 | 5.94 |
| MWAC038 | 66 | 70 | HCC1460 | 107 | 1531 | 34 | 2979 | X | 54 | 2655 | 7.78 | 8.86 | 5.23 |
| MWAC038 | 70 | 74 | HCC1462 | 88 | 1086 | 25 | 1780 | X | 35 | 1164 | 12.43 | 7.92 | 3.91 |
| MWAC038 | 74 | 76 | HCC1463 | 70 | 1153 | 18 | 1623 | X | 35 | 797 | 13.21 | 6.48 | 2.69 |
| MWAC038 | 76 | 77 | HCC1464 | 79 | 1032 | 23 | 1914 | X | 58 | 1137 | 13.97 | 7.32 | 3.75 |

# Appendix 2 – Assay Results from Mt Weld

| Hole ID | From (m) | To (m) | Sample No | Co (ppm) | Ni (ppm) | Sc (ppm) | Cr (ppm) | Ag (ppm) | Cu (ppm) | Mn (ppm) | Mg (%) | Fe (%) | Al (%) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MWAC039 | 0 | 4 | HCC1465 | 22 | 208 | 51 | 953 | X | 81 | 397 | 0.71 | 22.52 | 9.24 |
| MWAC039 | 4 | 8 | HCC1466 | 16 | 178 | 40 | 538 | X | 64 | 302 | 0.45 | 14.11 | 13.64 |
| MWAC039 | 8 | 12 | HCC1467 | 25 | 242 | 30 | 407 | X | 58 | 521 | 0.44 | 12.53 | 14.23 |
| MWAC039 | 12 | 16 | HCC1468 | 22 | 215 | 43 | 329 | X | 110 | 300 | 0.44 | 11.24 | 15.38 |
| MWAC039 | 16 | 20 | HCC1469 | 29 | 122 | 31 | 134 | X | 93 | 469 | 5.03 | 4.56 | 10.87 |
| MWAC039 | 20 | 24 | HCC1470 | 9 | 125 | 27 | 135 | X | 90 | 250 | 5.31 | 4.37 | 10.02 |
| MWAC039 | 24 | 28 | HCC1471 | 7 | 114 | 24 | 265 | X | 71 | 196 | 6.34 | 3.85 | 9.18 |
| MWAC039 | 28 | 32 | HCC1472 | 10 | 195 | 36 | 859 | X | 85 | 252 | 3.47 | 8.84 | 11.31 |
| MWAC039 | 32 | 36 | HCC1473 | 26 | 823 | 83 | 4942 | X | 129 | 1868 | 1.90 | 17.22 | 11.24 |
| MWAC039 | 36 | 37 | HCC1474 | 47 | 560 | 20 | 1046 | X | 51 | 569 | 10.57 | 3.6 | 2.12 |
| MWAC039 | 37 | 41 | HCC1475 | 432 | 1531 | 32 | 1761 | X | 104 | 3633 | 7.89 | 6.94 | 4.22 |
| MWAC039 | 41 | 45 | HCC1476 | 231 | 4525 | 39 | 3522 | X | 114 | 3178 | 5.47 | 11.28 | 5.73 |
| MWAC039 | 45 | 49 | HCC1477 | 144 | 4948 | 39 | 3912 | X | 72 | 2259 | 5.36 | 10.7 | 5.65 |
| MWAC039 | 49 | 53 | HCC1478 | 137 | 2800 | 43 | 3943 | X | 61 | 2679 | 3.70 | 11.44 | 6.27 |
| MWAC039 | 53 | 57 | HCC1479 | 124 | 1943 | 41 | 3809 | X | 64 | 2100 | 3.74 | 11.89 | 6.03 |
| MWAC039 | 57 | 61 | HCC1480 | 129 | 1776 | 44 | 3308 | X | 48 | 2322 | 3.06 | 12 | 6.42 |
| MWAC039 | 61 | 65 | HCC1482 | 100 | 1549 | 33 | 2846 | X | 51 | 1342 | 7.33 | 10.37 | 4.86 |
| MWAC039 | 65 | 69 | HCC1483 | 100 | 1388 | 30 | 2658 | X | 44 | 1614 | 7.27 | 9.88 | 4.46 |
| MWAC039 | 69 | 73 | HCC1484 | 79 | 1165 | 23 | 2006 | X | 38 | 1302 | 9.74 | 7.28 | 3.52 |
| MWAC039 | 73 | 74 | HCC1485 | 63 | 882 | 19 | 1444 | X | 29 | 1355 | 10.23 | 6.12 | 2.76 |
| MWAC039 | 74 | 75 | HCC1486 | 74 | 960 | 26 | 1923 | X | 15 | 1573 | 11.55 | 7.52 | 3.47 |
| MWAC040 | 4 | 8 | HCC1487 | 18 | 146 | 46 | 946 | X | 63 | 2679 | 1.40 | 20.93 | 8.93 |
| MWAC040 | 8 | 12 | HCC1488 | 20 | 197 | 20 | 1578 | X | 21 | 2106 | 1.13 | 15.32 | 11.39 |
| MWAC040 | 12 | 16 | HCC1489 | 15 | 185 | 30 | 1058 | X | 32 | 2324 | 0.57 | 15.28 | 11.69 |
| MWAC040 | 16 | 20 | HCC1490 | 59 | 168 | 17 | 713 | X | 45 | 1342 | 3.64 | 11.2 | 8.01 |
| MWAC040 | 20 | 24 | HCC1491 | 20 | 142 | 25 | 262 | X | 48 | 283 | 5.72 | 7.05 | 8.14 |
| MWAC040 | 24 | 28 | HCC1492 | 18 | 189 | 37 | 333 | X | 67 | 353 | 3.49 | 10.5 | 10.00 |
| MWAC040 | 28 | 32 | HCC1493 | 8 | 105 | 57 | 328 | X | 145 | 198 | 3.16 | 16.03 | 10.06 |
| MWAC040 | 32 | 36 | HCC1494 | 4 | 89 | 62 | 291 | X | 157 | 145 | 1.18 | 14.87 | 13.53 |
| MWAC040 | 36 | 40 | HCC1495 | 3 | 80 | 82 | 290 | X | 186 | 648 | 0.23 | 21.54 | 12.67 |
| MWAC040 | 40 | 44 | HCC1496 | 7 | 72 | 77 | 240 | X | 166 | 872 | 0.38 | 12.84 | 14.58 |
| MWAC040 | 44 | 48 | HCC1497 | 10 | 95 | 86 | 212 | X | 224 | 436 | 0.23 | 14.12 | 14.62 |
| MWAC040 | 48 | 52 | HCC1498 | 69 | 155 | 106 | 219 | X | 355 | 1851 | 0.23 | 13.84 | 12.79 |
| MWAC040 | 52 | 56 | HCC1499 | 186 | 190 | 68 | 241 | X | 282 | 3051 | 0.64 | 10.87 | 11.06 |
| MWAC040 | 56 | 60 | HCC1500 | 63 | 156 | 52 | 156 | X | 193 | 2694 | 1.87 | 9.07 | 8.75 |
| MWAC040 | 60 | 61 | HCC1502 | 47 | 169 | 46 | 172 | X | 174 | 3155 | 2.57 | 9.06 | 7.94 |

# Appendix 3 – Collated intercepts Mt Weld

### Parameters used to define scandium, cobalt, nickel, and platinum/palladium at Mt Weld

| Parameter | Scandium | Nickel | Cobalt | Platinum + Palladium |
|---|---|---|---|---|
| Minimum cut-off | 50 g/t | 0.1% Ni | 200 ppm | 0.1 g/t |
| Maximum internal waste thickness | 4m | 4m | 4m | 4m |

# Appendix 3 – Collated intercepts Mt Weld

| Drill hole | Scandium intercepts | Nickel intercepts | Cobalt intercepts |
|---|---|---|---|
| MWAC001 | | 51m @ 0.32% Ni from 32m (including 12m @ 0.49% Ni) | 8m @ 0.05% Co from 32m |
| MWAC002 | | 37m @ 0.33% Ni from 36m (including 12m @ 0.53% Ni) | 28m @ 0.02% Co from 40m |
| MWAC003 | | 15m @ 0.42% Ni from 32m (including 4m @ 0.72% Ni) | 11m @ 0.02% Co from 36m |
| MWAC004 | | 14m @ 0.20% Ni from 44m | |
| MWAC005 | | 4m @ 0.1% Ni from 42m | |
| MWAC009 | | 8m @ 0.14% Ni from 44m | |
| MWAC010 | | 4m @ 0.11% Ni from 53m | |
| MWAC011 | 8m @ 52 g/t Sc from 28m | 4m @ 0.11% Ni from 53m | 4m @ 0.02% Co from 53m |
| MWAC012 | 16m @ 65 g/t Sc from 34m; | 8m @ 0.25% Ni from 46m | 4m @ 0.26% Co from 46m |
| MWAC013 | 16m @ 59 g/t Sc from 28m; | | 4m @ 0.07% Co from 48m |
| MWAC014 | 8m @ 54 g/t Sc from 34m; | | 4m @ 0.04% Co from 38m |
| MWAC015 | 28m @ 84 g/t Sc from 32m; including 12m @ 116 g/t Sc | 8m @ 0.25% Ni from 46m | 4m @ 0.03% Co from 52m |
| MWAC016 | 12m @ 74 g/t Sc from 36m; 12m @ 51 g/t Sc from 60m | | 4m @ 0.06% Co from 44m |
| MWAC017 | 56m @ 81 g/t Sc from 30m; including 12m @ 132 g/t Sc | | 4m @ 0.03% Co from 51m |
| MWAC018 | 8m @ 53 g/t Sc from 48m; | | 4m @ 0.04% Co from 56m |
| MWAC019 | 41m @ 72 g/t Sc from 24m; | | 4m @ 0.02% Co from 52m |
| MWAC020 | 28m @ 72 g/t Sc from 32m; including 4m @ 120 g/t Sc | | 8m @ 0.07% Co from 52m |
| MWAC021 | 48m @ 87 g/t Sc from 26m; including 16m @ 130 g/t Sc | | 8m @ 0.04% Co from 50m |
| MWAC022 | 40m @ 68 g/t Sc from 20m; including 4m @ 102 g/t Sc | | 16m @ 0.07% Co from 40m; including 4m @ 0.16% Co |
| MWAC023 | 28m @ 93 g/t Sc from 34m; including 8m @ 122 g/t Sc | | 8m @ 0.07% Co from 54m; including 4m @ 0.10% Co |
| MWAC024 | 33m @ 57 g/t Sc from 60m; | | 4m @ 0.02% Co from 52m |
| MWAC025 | 4m @ 64 g/t Sc from 28m; 4m @ 53 Sc from 48m | | 4m @ 0.03% Co from 64m |
| MWAC026 | 104m @ 85 g/t Sc from 36m; including 12m @ 164 g/t Sc | | |
| MWAC027 | 8m @ 50 g/t Sc from 16m; 116m @ 80 g/t Sc from 32m; including 8m @ 102 g/t Sc | | 36m @ 0.08% Co from 52m; including 12m @ 0.19% Co |
| MWAC028 | | | 4m @ 0.03% Co from 28m |
| MWAC029 | 16m @ 88 g/t Sc from 38m; including 4m @ 126 g/t Sc | | 4m @ 0.07% Co from 50m |
| MWAC030 | | 5m @ 0.11% Ni from 8m | |
| MWAC032 | | 47m @ 0.12% Ni from 0m | |
| MWAC033 | 25m @ 76 g/t Sc from 0m; including 4m @ 122 g/t Sc | | 8m @ 0.04% Co from 17m |
| MWAC034 | 24m @ 53 g/t Sc from 12m; | | 12m @ 0.02% Co from 12m |
| MWAC035 | | 29m @ 0.10% Ni from 4m | |
| MWAC036 | | 36m @ 0.15% Ni from 4m | 8m @ 0.02% Co from 8m |
| MWAC037 | 12m @ 80 g/t Sc from 12m; | 13m @ 0.32% Ni from 24m | 12m @ 0.03% Co from 24m |
| MWAC038 | 40m @ 67 g/t Sc from 10m; | 15m @ 0.12% Ni from 62m | 16m @ 0.02% Co from 26m |
| MWAC039 | | 36m @ 0.24% Ni from 37m ; including 12m @ 0.4% Ni | 8m @ 0.03% Co from 37m |
| MWAC040 | 32m @ 74 g/t Sc from 28m; | | |

## ANNEXURE 2 - JORC Code, 2012 Edition – Table 1 Report

### Section 1 Sampling Techniques and Data

| Criteria | JORC Code explanation | |
|---|---|---|
| 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 downhole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.<br>• Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.<br>• Aspects of the determination of mineralisation that are Material to the Public Report.<br>• 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. | • *The results reported in this report are on E38/2442, E38/2587 & 38/2856, being 100% owned by Great Southern Mining Limited (having being acquired by Great Southern Mining Limited under Sale Agreement with Central Australia Rare Earths Limited in 2018 – ASX Announcement 3rd September, 2018). The Project is located on the Mt Weld pastoral lease owned and operated by Goldfields. The drill program and data was performed and obtained by Central Australian Rare Earths and acquired by GSN as part of the transaction.*<br>• *The mineralisation was systematically sampled using industry standard 4m intervals, collected from Air Core (AC) drill holes.*<br>• *Drill hole locations were designed to allow for spatial spread across the prospective target areas at a reconnaissance level of detail.*<br>• *Aicore drilling was used to obtain 1m samples delivered through a cyclone and then each 1m sample is placed on the ground. From each spoil pile, a ~500g sample was then collected using a spear, four 1m samples were combined into one 4m composite sample of 1-3kg and dispatched to the laboratory.*<br>• *All samples are pulverized prior to splitting in the laboratory to ensure homogenous samples with 85% passing 75um.*<br>• *Standard fire assaying was employed using a 50gm charge.* |
| Drilling techniques | • Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). | • *The MWAC series drilling operation was undertaken by drilling contractor Challenge Drilling. AC drilling was conducted with a modern truck mounted drill rig (5) using a 90 mm diameter face bit.* |
| Drill sample recovery | • Method of recording and assessing core and chip sample recoveries and results assessed.<br>• Measures taken to maximise sample recovery and ensure representative nature of the samples.<br>• 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. | • *Bulk AC drill holes samples were visually inspected by the supervising geologist to ensure adequate clean sample recoveries were achieved. Any wet, contaminated or poor sample returns were flagged and recorded in the database to ensure no sampling bias was introduced.*<br>• *Excellent AC drill recovery is reported from all AC holes.* |
| 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.<br>• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.<br>• The total length and percentage of the relevant intersections logged. | • *All AC drill samples are geologically logged on site by experienced and qualified geologists. Details on the host lithologies, veining, mineralisation, alteration and weathering and oxidation are recorded relationally (separately) so the logging is interactive and not biased to lithology. Evidence of structural features are noted.*<br>• *Drill hole logging of AC chips is qualitative on visual recordings of rock forming minerals and quantitative on estimates of mineral abundance.*<br>• *The entire length of the AC drill holes are geologically logged and representative portion of samples are retained in chip trays for future reference.* |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • 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.<br>• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.<br>• The total length and percentage of the relevant intersections logged. | |
| Sub-sampling techniques and sample preparation | • If core, whether cut or sawn and whether quarter, half or all core taken.<br>• If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.<br>• For all sample types, the nature, quality and appropriateness of the sample preparation technique.<br>• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.<br>• 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.<br>• Whether sample sizes are appropriate to the grain size of the material being sampled. | • *Duplicate samples are collected every 20th sample from the AC chips.*<br>• *Dry AC 4m sample composites to 2-3kg were dispatched to the laboratory. Any wet samples are recorded in the database as such and allowed to dry before sampling and dispatching to the laboratory.*<br>• *All samples are pulverized prior to splitting in the laboratory to ensure homogenous samples with 85% passing 75um.*<br>• *AC samples submitted to the laboratory are sorted and reconciled against the submission documents. In addition to duplicates, a standard is included every 40th sample, a controlled blank is inserted every 40th sample. Or roughly 1 standard, blank and duplicate per hole.*<br>• *The laboratory uses barren flushes to clean their pulveriser and their own internal standards and duplicates to ensure industry best practice quality control is maintained.*<br>• *The sample size is considered appropriate for the type, style, thickness and consistency of mineralization.* |
| 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.<br>• 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.<br>• 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. | • *980 samples were submitted to Intertek Laboratories, Perth for the determination of Au by fire assay (AA25/OE04) and a 33 element suite (Ag, Al, As, Ba, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, K, La, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sn, Sr, Te, Ti, Tl, V, W, Zn) by four acid ICP – AES (4A/OE33).*<br>• *Samples were sorted, dried, crushed, splitiing 1-3 kg and pulverizing >85% passing -75 micron.*<br>• *Industry best practice is employed with the inclusion of blanks, duplicates and standards at a ratio of 1:20, as discussed above, and used by CARE as well as the laboratory. All standards and blanks are interrogated to ensure they lie within acceptable tolerances. Additionally, sample size, grind size and field duplicates are examined to ensure no bias to gold grades*<br>• *No geophysical tools were used.*<br>• *Inclusion of 1 standard was used by CARE as well as the laboratory.* |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| Verification of sampling and assaying | • The verification of significant intersections by either independent or alternative company personnel.<br>• The use of twinned holes.<br>• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.<br>• Discuss any adjustment to assay data. | • *All holes are digitally logged in the field and all primary data is forwarded to a database at head office. The assay data was electronically merged when received from the laboratory and made available to the project geologist to verify against the RC chips in the field.*<br>• *GSN personnel have verified the correlation of mineralized zones between assay results and lithology, alteration and mineralization and verified the database against raw data received.*<br>• *No adjustments or calibrations were made to any of the assay data recorded in the database and no holes were twinned*<br>• *Following review of the database by GSN, no adjustments or calibrations are made to any of the assay data recorded in the database.* |
| Location of data points | • Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.<br>• Specification of the grid system used.<br>• Quality and adequacy of topographic control. | • *Drill hole collars were initially located and recorded using a hand held GPS with ±3m accuracy.*<br>• *At the completion of the drilling program, no holes were subjected to DGPS survey control.* |
| Data spacing and distribution | • Data spacing for reporting of Exploration Results.<br>• 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.<br>• Whether sample compositing has been applied. | • *The holes were planned primarily to test competent basement (bedrock) geology below a veneer of alluvial transported cover and deep lateritic profile. Therefore, holes were oriented vertically. The reconnaissance nature of the drilling warranted wide drill spacing, spaced at broadly 400m spacing.*<br>• *The data spacing and distribution is not appropriate to establish continuity of mineralisation for the purposes of Mineral Resource estimation.*<br>• *The early stage of exploration and geological uncertainty warranted 4m sampling compositing through the lateritic profile and bedrock.* |
| 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.<br>• 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. | • *No drilling orientation and/or sampling bias has been recognized at this time.*<br>• *The horizontal lateritic profile is appropriately targeted with vertical holes and there is no evidence in structural controls in the mineralization observed.* |

| Criteria | JORC Code explanation | Commentary |
| --- | --- | --- |
| Sample security | • The measures taken to ensure sample security. | • *Samples were shipped directly from site to a secure stored site in Perth to undergo further evaluation.*<br>• *Select samples for geochemical analysis were transported directly from site to Intertek Laboratories, Perth in the custody of the field team where upon receipt the samples are officially checked in and appropriate chain of custody documentation received.*<br>• *All sample information is kept in paper and digital form. Digital data is backed up onto the Company server regularly and then externally backed up daily.* |
| Audits or reviews | • The results of any audits or reviews of sampling techniques and data. | • *No external audits have been completed to date* |

# JORC Code, 2012 Edition – Table 1

## Section 2 Reporting of Exploration Results

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| Mineral tenementand 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 licence to operate in the area. | • *The results reported in this report are on E38/2442, E38/2587 & 38/2856, being 100% owned by Great Southern Mining Limited (having being acquired by Great Southern Mining Limited under Sale Agreement with Central Australia Rare Earths Limited in 2018 – ASX Announcement 3rd September, 2018). The Project is located on the Mt Weld pastoral lease owned and operated by Goldfields. The drill program and data was performed and obtained by Central Australian Rare Earths and acquired by GSN as part of the transaction.*<br>• *At this time all the tenements are in good standing. There are no known impediments to obtaining a license to operate in the area.* |
| Exploration done by other parties | • Acknowledgment and appraisal of exploration by other parties. | • *Exploration by other parties has been reviewed and is used as a guide to GSNs' exploration activities. Previous parties have completed shallow Aircore drilling, geophysical data collection and interpretation.*<br>• *This report concerns only exploration results generated by the previous tenement holder under the current term, which has been reviewed by GSN and is outlined in this document. No exploration by other parties.* |
| Geology | • Deposit type, geological setting and style of mineralisation. | • *The mineralization at Mount Weld is typical of well developed blanket-like supergene mineralization hosted within a well developed lateritic profile above or proximal to ultramafic bedrock geology.*<br>• *A summary of the geology is outlined in the body of this report* |
| 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 drillholes:<br>• easting and northing of the drillhole collar<br>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar<br>• dip and azimuth of the hole<br>• downhole 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. | • *All the drill holes reported in this report have the following parameters applied. All drill holes completed, including holes with no significant results (defined in Appendix 3) are reported in this announcement.*<br>• *Easting and northing are given in MGA94 – Zone 51 coordinates.*<br>• *RL is AHD*<br>• *Holes are drilled vertically*<br>• *Down hole length is the distance measured along the drill hole trace. Intersection length is the thickness of an anomalous metal intersection measured along the drill hole trace.*<br>• *Hole length is the distance from the surface to the end of the hole measured along the drill hole trace.*<br>• *No results currently available from the exploration drilling are excluded from this report.*<br>• *Significant intersections allow up to 4 of internal dilution.* |

| Criteria | JORC Code explanation | |
|---|---|---|
| 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 aggregationsshould be shown in detail.<br>• The assumptions used for any reporting of metal equivalent values should be clearly stated. | • *All results are reported.*<br>• *No top cuts were applied to any assay values*<br>• *No metal equivalent reporting is used or applied.* |
| Relationship between mineralisation widths and intercept lengths | • These relationships are particularlyimportant in the reporting of Exploration Results.<br>• If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.<br>• If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width notknown'). | • *Drilling at Mt Weld was vertical through a broadly horizontal weathering profile.*<br>• *The intersection length is measured down the length of the hole and is will be close to true width.*<br>• *The geometry of the mineralization with respect to the drill holes reported in this report is still being interpreted.* |
| 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 drillhole collar locations and appropriate sectional views. | • *Appropriate diagrams, Figures 2 and 3, show the spatial distribution in plan view and section of the results relevant to this report* |
| Balanced reporting | • Where comprehensive reporting ofall 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. | • *The competent person believes this report to be a balanced representation of exploration undertaken* |
| 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. | • *No other substantial exploration has been undertaken.* |
| Further work | • The nature and scale of plannedfurther 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. | • *The results will be further evaluated with a view to commencing a drilling program to target a number of higher grade Sc and Co intersections.*<br>• *The sample pulps are currently being re-assayed for Platinum and Palladium.* |