



**Mt Lindsay – Webbs Creek
Exploration Licence 21/2005**

Annual Report for the period 22/08/2014 to 21/08/2015

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Contents

1 SUMMARY	1
2 INTRODUCTION	1
3 LOCATION AND ACCESS	1
4 EXPLORATION AND MINING HISTORY	3
5 GEOLOGICAL SETTING	3
6 2014-2015 ANNIVERSARY YEAR EXPLORATION ACTIVITIES	4
6.1 Cruncher Creek.....	5
6.2 Lower Harman	9
6.3 Stanley Bridge.....	11
6.4 Eastern Skarn.....	12
7 CONCLUSIONS AND RECOMMENDATIONS	14
8 BIBLIOGRAPHY	15

Figures

<i>Figure 1: EL21/2005 Location Plan as of August 2015.....</i>	<i>2</i>
<i>Figure 2: EL21/2005 Basement Geology & Prospect Plan.....</i>	<i>4</i>
<i>Figure 3: Cruncher Creek prospect soil sample locations coloured by La ppm.....</i>	<i>6</i>
<i>Figure 4: Cruncher Creek prospect soil sample locations coloured by As ppm</i>	<i>7</i>
<i>Figure 5: Cruncher Creek prospect soil sample locations coloured by B ppm</i>	<i>8</i>
<i>Figure 6 : Lower Harman soil sample locations coloured by Cu ppm.....</i>	<i>10</i>
<i>Figure 7 : Stanley Bridge soil sample locations coloured by Sn ppm.....</i>	<i>12</i>
<i>Figure 8 : Eastern Skarn soil sample locations coloured by Sn.....</i>	<i>13</i>

Appendices

- Appendix A: EL21/2005 Soil sample locations and assays by Delta 50 portable XRF 2014-2015
- Appendix B: EL21/2005 Soil sample locations and assays by Fusion 2014-2015
- Appendix C: EL21/2005 Soil sample locations and assays by Acid Digestion 2014-2015
- Appendix D: EL21/2005 Rock sample locations and assays 2014-2015

1 Summary

Exploration Licence 21/2005 located in western Tasmania includes several skarn and greisen tin and tungsten prospects adjacent to the Mt Lindsay tin+tungsten+magnetite deposits. Activities during the 2015 tenement year were focussed on evaluating skarn targets in the Cruncher Creek, lower Harman River, Stanley Bridge and Parsons Hood areas close to Venture's proposed Mt Lindsay mine development within 7M/2012. A total of 669 soil samples and rock samples were collected by Venture personnel from these targets, assayed and results assessed. Positive geochemical results for blind mineralisation were obtained from the Cruncher, Lower Harman and Eastern Skarn targets and further work is proposed for the 2015-2016 tenement year.

2 Introduction

Exploration Licence 21/2005 is located in the tin-tungsten province of western Tasmania and covers the south eastern contact metamorphic aureole of the Meredith Granite. The Meredith Granite is part of a suite of Devonian granites which is very important to tin-tungsten mineralization in Tasmania, and deposits associated with this suite include the world class Renison Bell tin mine (26 Mt at 1.46% Sn), Mount Bischoff (10.54 Mt at 1.1% Sn), Cleveland (12.4 Mt at 0.62% Sn, 0.25% Cu) and King Island (17 Mt at 0.85% WO₃). Cleveland and Mount Bischoff are situated around the northern margin of the Meredith Granite, and Renison Bell is associated with the Pine Hill Granite c. 15 km to the southeast of the Meredith Granite.

Previous exploration activities mainly for tin within the area now covered by E21/2005 also indicated the presence of potentially economic magnetite skarns. There are currently two producing magnetite mines in Tasmania, the Kara magnetite-scheelite mine located near Hampshire approximately 55 km in a direct line northeast of EL21/2005 and the Savage River magnetite mine (371 Mt at 31.9% Fe in magnetite) situated c. 25 km directly north northwest of the Mt Lindsay magnetite-tin-tungsten skarns within EL21/2005.

3 Location and Access

Exploration Licence 21/2005 currently covers c. 84 km² and is located approximately 130 km by road southwest of the port of Burnie, and c. 35 km by road from the nearest town Tullah. Exploration Licence 18/2012 and the southern part of EL33/2007 were amalgamated with EL21/2005 in February 2014. Mining Leases 3M/2012 and 7M/2012 covering the Livingstone, Reward, Main and No.2 Tin-Tungsten-Magnetite resources were granted to Venture in 2012 and 2014 respectively and excised from EL21/2005. The outline of EL21/2014 as it now stands is shown in Figure 1.

Access to the licence is via the sealed (bitumen) Pieman Road which branches off the Murchison Highway c. 5 km north of Tullah, then approximately 3 km of 4WD vehicle track to the drill site. The drill site is c. 3 km from Hydro Tasmania transmission lines (adjacent to the Pieman Road) and 21 km from the Bastyan hydroelectric powerhouse and Emu Bay Railway which connects with the port of Burnie.

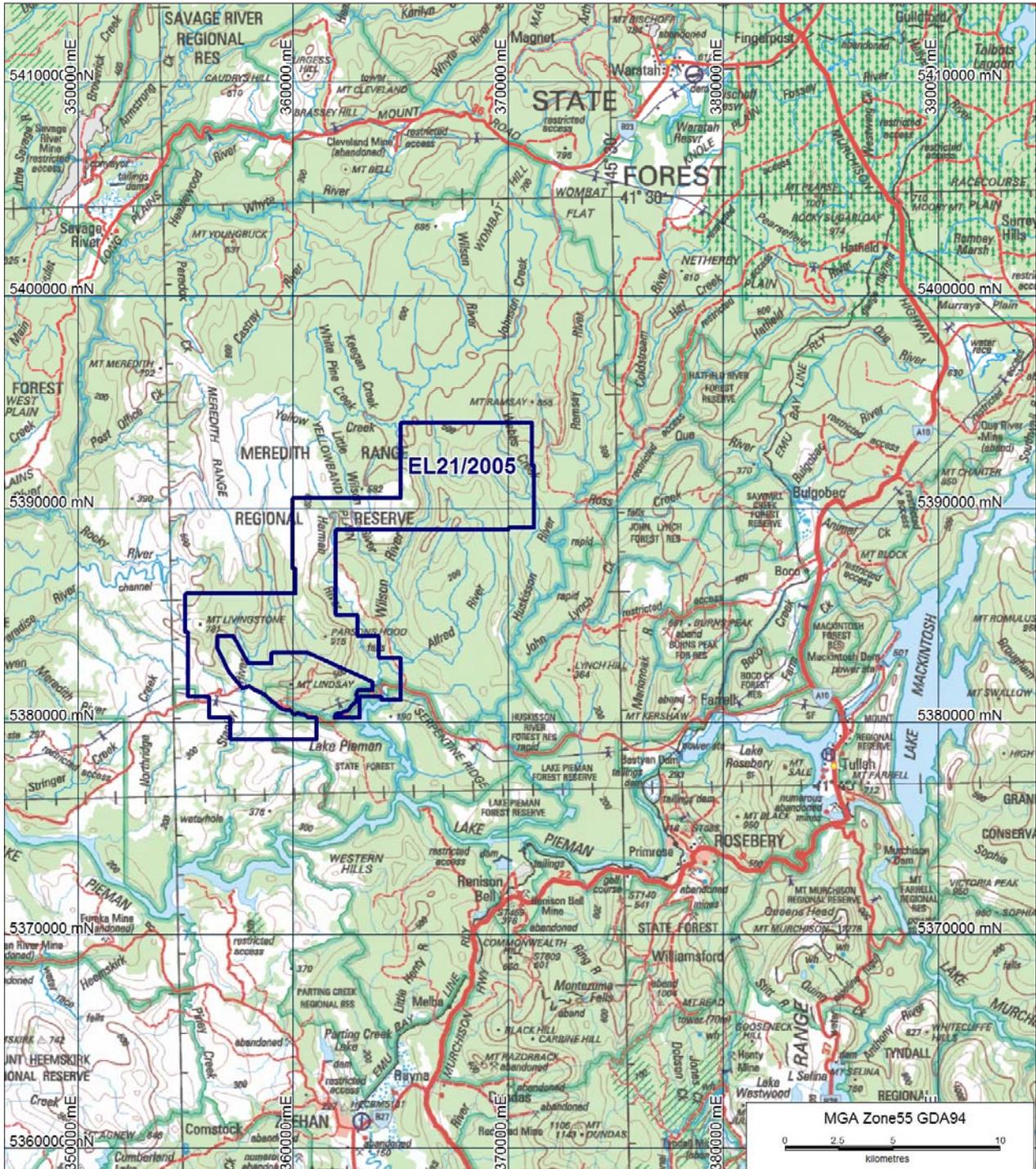


Figure 1: EL21/2005 Location Plan as of August 2015

Elevation within the licence ranges from 100 m above median sea level where Lake Pieman winds around the south western corner, to 913 m at the top of Parsons Hood at the southern end of the Meredith Range. Other highpoints include Mt Lindsay (579 m) on a spur branching southwest off Parsons Hood, and Mt Livingstone (781 m) beyond the western boundary. Average annual rainfall is approximately 2000 mm and vegetation is dominated by dense patches of dense sub-alpine scrub and button grass over granitic basement, dense regenerating forest and temperate rainforest.

4 Exploration and Mining History

Please refer to previous annual reports for reviews of past exploration and mining (e.g. Owen 2010).

5 Geological Setting

The Parsons Hood - Stanley River area in the south western part of EL21/2005 is underlain by northwest striking sedimentary and volcanic rocks of the Neoproterozoic – Early Cambrian Crimson Creek Formation, Success Creek Group and Oonah Formation, and the Devonian Meredith Granite (Figure 2). The Webbs Creek area in the north eastern corner of EL21/2005 (the Webbs Creek area) is underlain by Silurian to Devonian sedimentary rocks of the Eldon Group, the Ordovician Gordon Limestone, Crimson Creek Formation, and Meredith Granite (Figure 2). The sedimentary stratigraphy is largely steeply dipping to vertical.

The intrusive contact of the Meredith Granite dips away at a modest angle beneath the various sedimentary units, but in detail the granite margin is complicated by numerous irregular granitic dykes, shelves and apophyses which appear to stope the host meta-sedimentary and meta-igneous units. There are also large rafts of Crimson Creek and Success Creek rocks within the margins of the Meredith Granite. Preliminary interpretation suggests several phases of granite intrusion culminating in late stage quartz-tourmaline veining and the localised development of quartz±tourmaline±topaz and sericite±siderite greisens.

A broad contact metamorphic aureole is developed around the Meredith Granite, characterised by the development of fine grained amphibole, cordierite, biotite and pyroxene hornfels. Carbonate units are locally present within all of the enclosing sedimentary units and locally form the protolith to a variety of proximal contact skarns, greisenized skarns and more distal carbonate replacement bodies. The principal exploration targets for Venture within EL21/2005 are carbonate replacement, greisenized skarn, and vein and greisen style tin and tungsten mineralisation.

Potentially significantly mineralised skarns have been identified within the current EL21/2005 at Parsons Hood (Eastern Skarn) and in the Webbs Creek – Wilson River area (Webbs Skarns), and one potentially significant vein and endogreisen tin prospect named North Cashbolt is recognised within the Meredith Granite. The Eastern Skarn on Parsons Hood is hosted by the Crimson Creek Formation, Webbs Skarns by the Gordon and Eldon groups. More detailed descriptions of the alteration and mineralisation encountered in the various identified deposits can be found in previous annual reports (e.g. Owen 2011, Owen & Pfeifenberger 2012). Additional skarn targets have been identified in the Cruncher Creek and lower Harman River areas, as described further below.

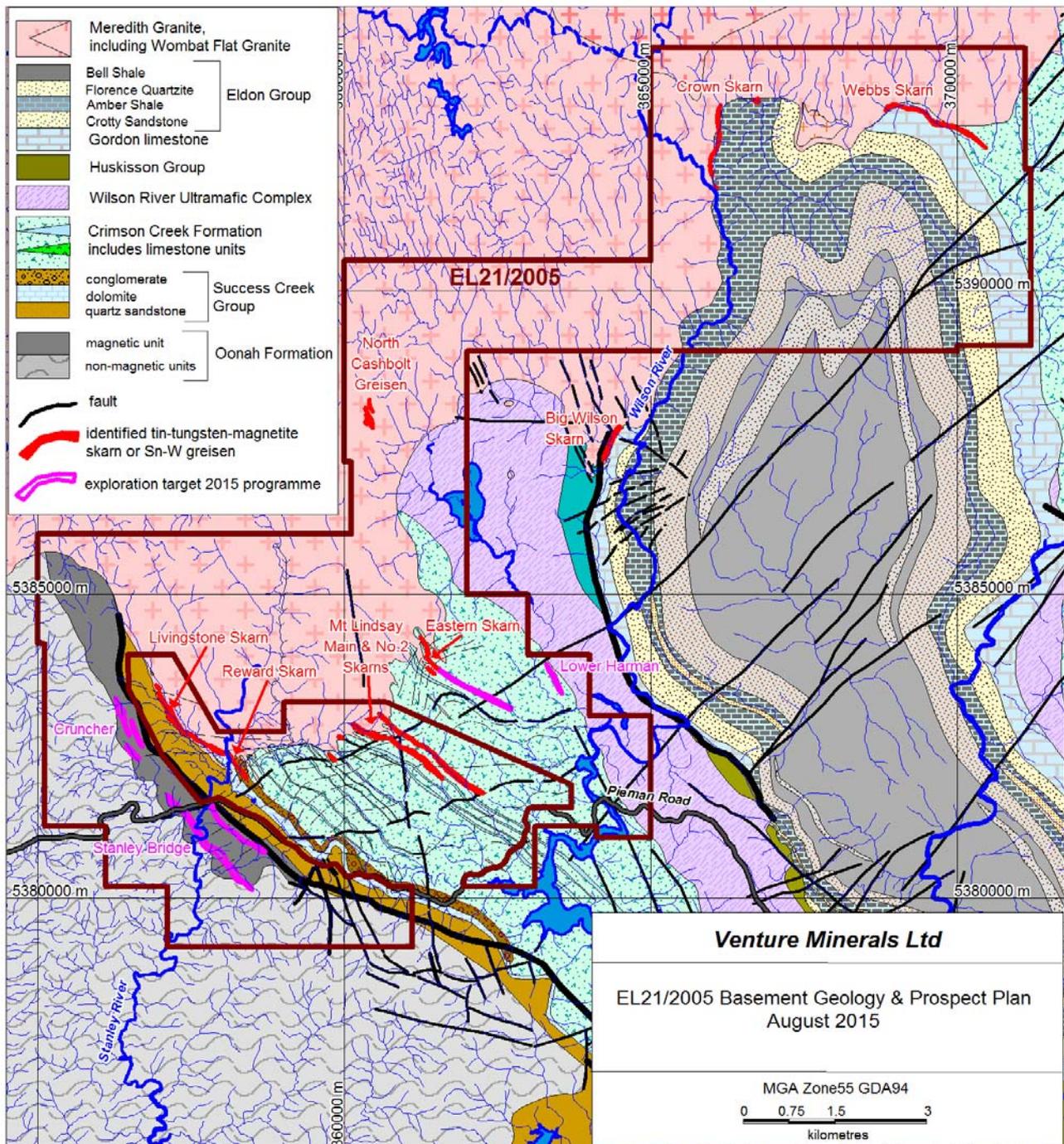


Figure 2: EL21/2005 Basement Geology & Prospect Plan

6 2014-2015 Anniversary Year Exploration Activities

Work within EL21/2005 during the 2015 anniversary year included collection and assay of 666 soil samples and 3 rock samples from the Lower Harman, Stanley Bridge, Cruncher and Eastern Skarn targets.

6.1 Cruncher

The Cruncher Creek target was identified by a northwest trending magnetic high within the Oonah Fm. about 800 m southwest of the Livingstone DSO and Sn deposit (e.g. Figures 3, 4 & 5). Cruncher Creek is also at the tip of a prominent northwest trending EM conductor. Historic soil sampling in the area was negative but did not cover the main part of the magnetite ridge. Reconnaissance prospecting by Venture personnel in Cruncher Creek prior to the 2014-2015 period showed the presence of an extensive clay zone and pyrrhotite-bearing quartz sandstone float was collected.

In late 2014 some 155 soil samples were collected over the Cruncher Creek magnetic and EM target. The samples were collected by hand auger at c. 20 m intervals along ENE trending lines approximately 200 m apart (see Figures 3, 4 & 5). Vegetation (Western Wet Scrub, *Leptospermum* Scrub) proved exceptionally dense in the northern part of the sampling grid, tracks and sampling lines were not cut, locations were determined by handheld GPS.

Samples were dried, screened to c. -3mm then assayed by portable XRF by Venture personnel. A selection of samples was then submitted to ALS Global for assay by a combination of sodium peroxide fusion with MS finish (ME-MS81), four acid digest with ICP finish (ME-ICP61) and HF digest for B with ICP finish (B-ICP69). Results are given in Appendices A, B & C.

The 2014 soil sampling suggests the presence of three very low-level (10 ppm) NNW trending Sn anomalies (peak 26 ppm Sn) partly coincident with the magnetic high (Figures 3, 4 & 5). Such low-level Sn anomalism is close to the lower analytical limits by both portable XRF and ME-MS81, but is at least partly coincident with B (up to 1000 ppm), As (max. 81 ppm), Ce (max. 309 ppm), La (up to 124 ppm) and Rb (up to 170 ppm) anomalism (eg Figures 3, 4 & 5). This element combination suggests the presence of tourmaline alteration in the Oonah Fm. or granitic dykes at Cruncher Creek, or a combination of both. The magnitude of the boron anomalism is similar to that observed over tourmaline greisen zones within the Meredith Granite and borate skarn within the Crimson Creek Fm., while the cerium and lanthanum levels are comparable with monazite-bearing zones within the Meredith Granite. Some quartz sandstone and siltstone exposures were observed in the course of the soil sampling, no granite. Tourmaline alteration zones and breccias with carrying 20-30 ppm of Sn a widespread in Success Creek Group adjacent to the Livingstone Skarn, and it is recommended that further prospecting be conducted to verify the presence of tourmaline alteration which could be distal to a Livingstone-type skarn. A larger selection of samples from Cruncher Creek should be assayed for B and infill soil sampling conducted to refine the shape of the geochemical anomalism. Interpretation is complicated by the partial coincidence with drainage and it is possible some of the anomalism is transported: prospecting should focus on finding *in situ* tourmaline alteration.

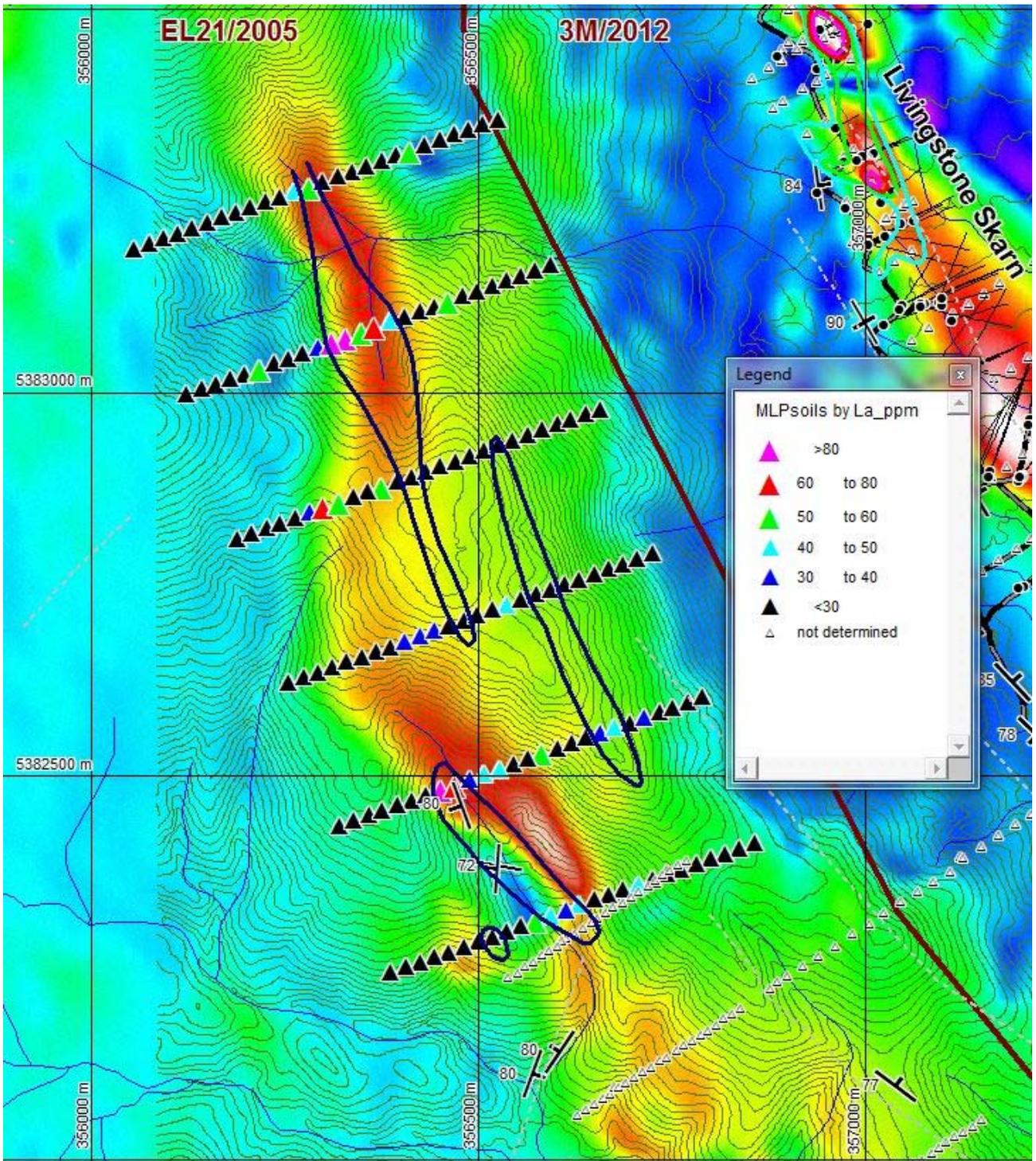


Figure 3: Cruncher Creek prospect soil sample locations coloured by lanthanum on magnetic image. Dark blue contour lines 20 ppm Sn interpretation, thin green contour lines are 5 m topographic contours, structure symbols bedding with dip measurement. MGA Zone55 GDA94.

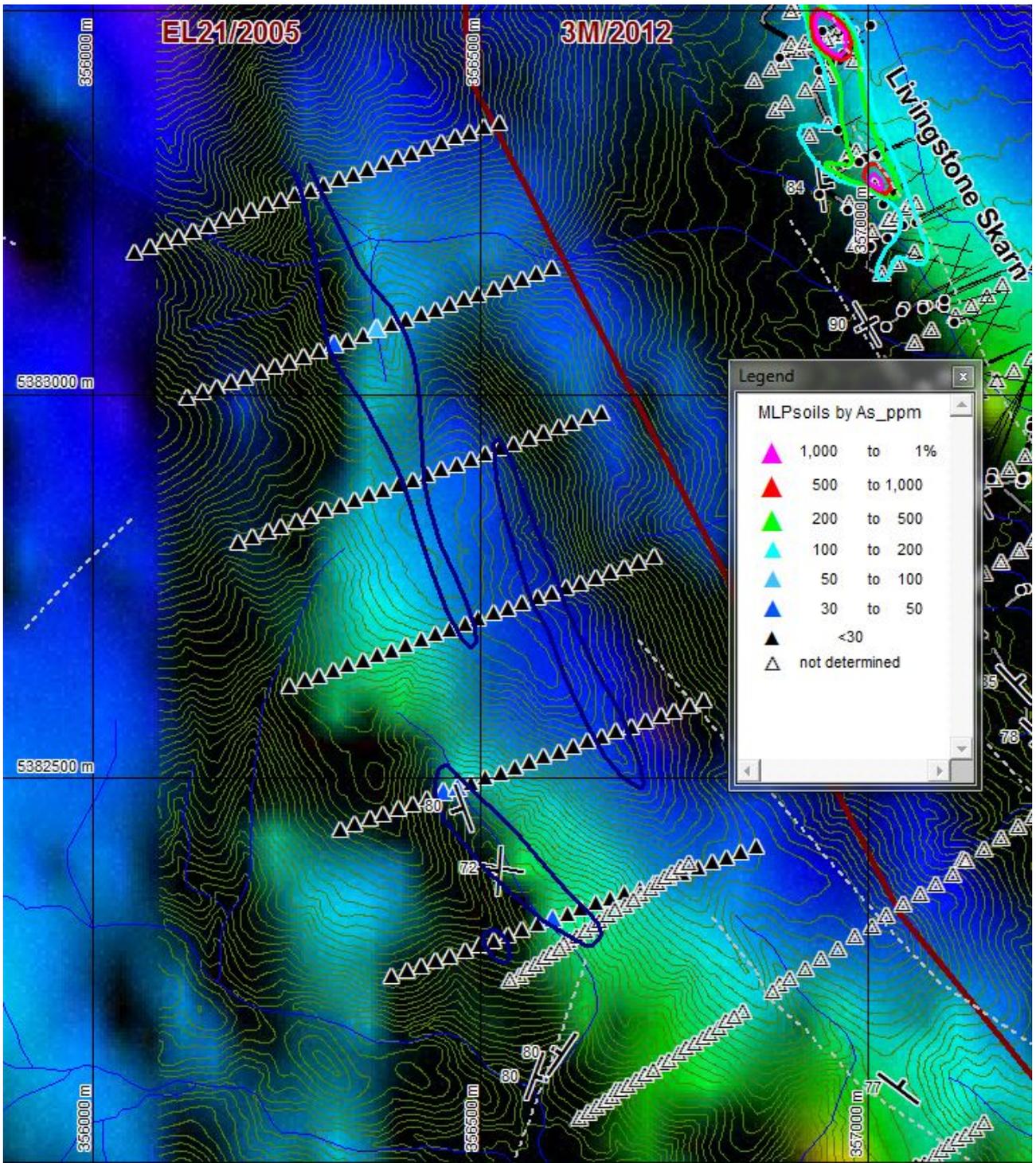


Figure 4: Cruncher Creek prospect soil sample locations coloured by arsenic on 880 Hz EM conductivity image. Dark blue contour lines 20 ppm Sn interpretation, thin green contour lines are 5 m topographic contours, structure symbols bedding with dip measurement. MGA Zone55 GDA94.

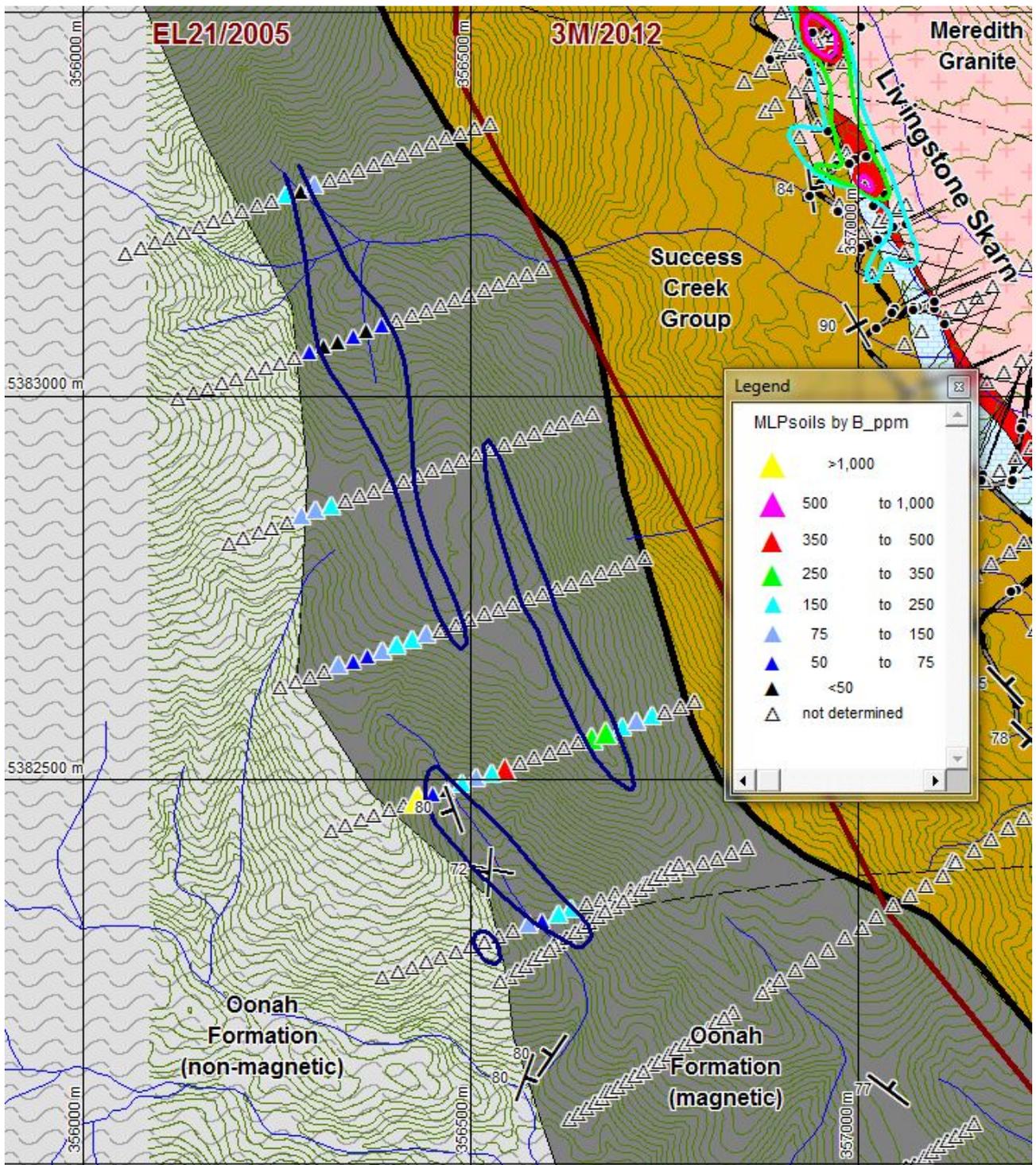


Figure 5: Cruncher Creek prospect soil sample locations coloured by boron on interpreted basement geology. Dark blue contour lines 20 ppm Sn interpretation, thin green contour lines are 5 m topographic contours, structure symbols bedding with dip measurement. MGA Zone55 GDA94.

6.2 Lower Harman

The lower Harman River target area is located about about 2.5 km northeast of the Main and No.2 Sn+W+magnetite deposits where historic reconnaissance soil sampling returned up to 364 ppm Cu over the Crimson Creek Fm. adjacent to the Wilson River Ultramafic Complex ("WRUC"), and 110 ppm Sn from soils over the WRUC.

To follow up these results Venture personnel collected 221 soil samples from the Lower Harman area during the 2014-2015 period. The samples were collected by hand auger at c. 20 m intervals along ENE trending lines approximately 200 m apart (Figure 6). Tracks and sampling lines were not cut, locations were determined by handheld GPS.

Samples were dried, screened to c. -3mm then assayed by portable XRF by Venture personnel. A selection of samples was then submitted to ALS Global for assay by a combination of sodium peroxide fusion with MS finish (ME-MS81), four acid digest with ICP finish (ME-ICP61) and HF digest for B with ICP finish (B-ICP69). Results are given in Appendices A, B & C.

The 2014-2015 soil sampling shows the presence of c. 500 m long by 50 m wide NNW trending +40 ppm Sn anomaly (peak 69 ppm Sn) on a spur parallel to the lower Harman River (Figure 6). The only other metal anomalism of note in the area is patchy Cu anomalism in soil to 276 ppm at least partly co-incident with the Sn anomalism. Exposure within the anomaly is poor and limited to rare exposures and subcrop of dolerite and gabbro similar in hand specimen to sills adjacent to the Main Skarn at Mt Lindsay. Soil Cr and Ni levels are entirely compatible with the Crimson Creek Fm and confirm the target is not within the WRUC. Infill soil sampling and prospecting is recommended over the +40ppm Sn anomaly, and comparative geochemistry with dolerite bodies adjacent to the Mt Lindsay skarns.

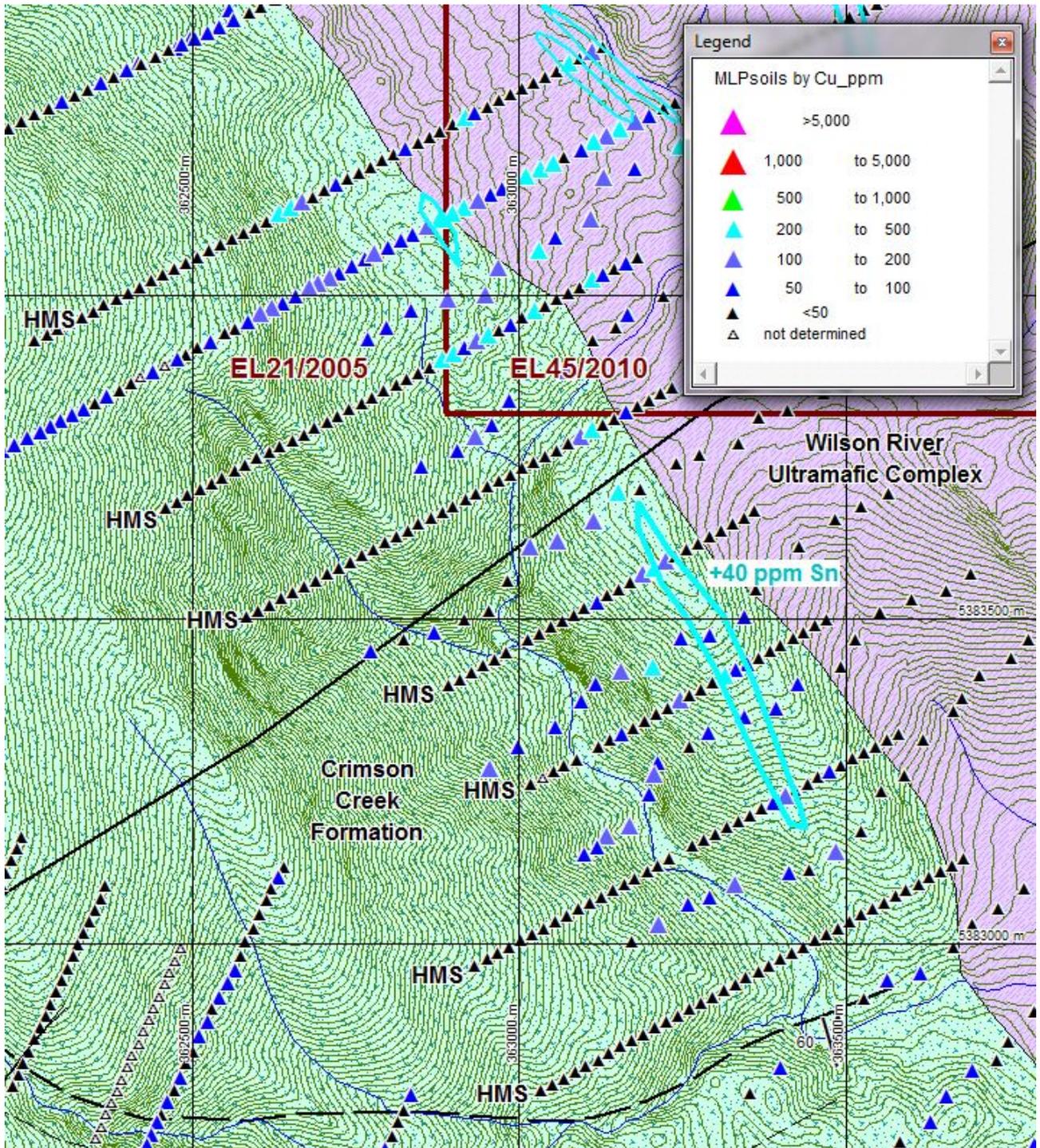


Figure 6 : Lower Harman soil sample locations coloured by copper on basement geology interpretation. Venture 2014-2015 soil sample lines marked HMS. Pale blue contour lines 40 ppm Sn interpretation, thin green contour lines are 5 m topographic contours, structure symbols bedding with dip measurement. MGA Zone55 GDA94.

6.3 Stanley Bridge

Imaging of the Tasmanian Geological Survey's 2002 Meredith Granite WTRMP EM survey data shows the presence of two prominent NW trending EM conductivity ridges immediately south of the Stanley Bridge within the Oonah Formation. The EM conductors are not obviously coupled with topography, esp. at lower lower frequencies. Field inspection did not show any obvious correlation between argillite-dominated units in the Oonah Fm and the EM conductors, and the correlation between medium-scale (100s of metres amplitude and wavelength) folding and flexures in the EM conductors is not definitive. Reconnaissance soil sampling by Renison and CSR showed some +40 ppm Sn anomalism in the target area, and Venture followed this up in late 2014 with the collection of 224 soil samples on ENE trending lines spaced 100 to 200 m apart. The samples were collected by hand auger at c. 20 m intervals along the ENE trending lines (Figure 7). Tracks and sampling lines were not cut, locations were determined by handheld GPS. Most of the sampled area is open button grass vegetation.

Samples were dried, screened to c. -3mm then assayed by portable XRF by Venture personnel. A selection of samples was then submitted to ALS Global for assay by a combination of sodium peroxide fusion with MS finish (ME-MS81), four acid digest with ICP finish (ME-ICP61) and HF digest for B with ICP finish (B-ICP69). Results are given in Appendices A, B & C.

A conspicuous Sn (up to 792 ppm), W (max. 142 ppm), B, Ce and La anomaly was obtained from terrace gravels around the Stanley River, with some alluvial gravel remnants apparently perched up to 15 m above current river level. Cassiterite, wolframite, monazite and tourmaline can be readily panned out of the Stanley River gravels and terraces. Beyond the Stanley alluvial terraces the Venture sampling did not validate any of the 40 ppm Renison or CSR soil Sn anomalies, and it appears some of the historic data is unreliable at the 40 ppm level. Deformed pyritic quartz veins to a few cm are widespread in the Oonah Fm in the Stanley Bridge target area but three assayed samples were barren of precious and base metals (Appendices D).

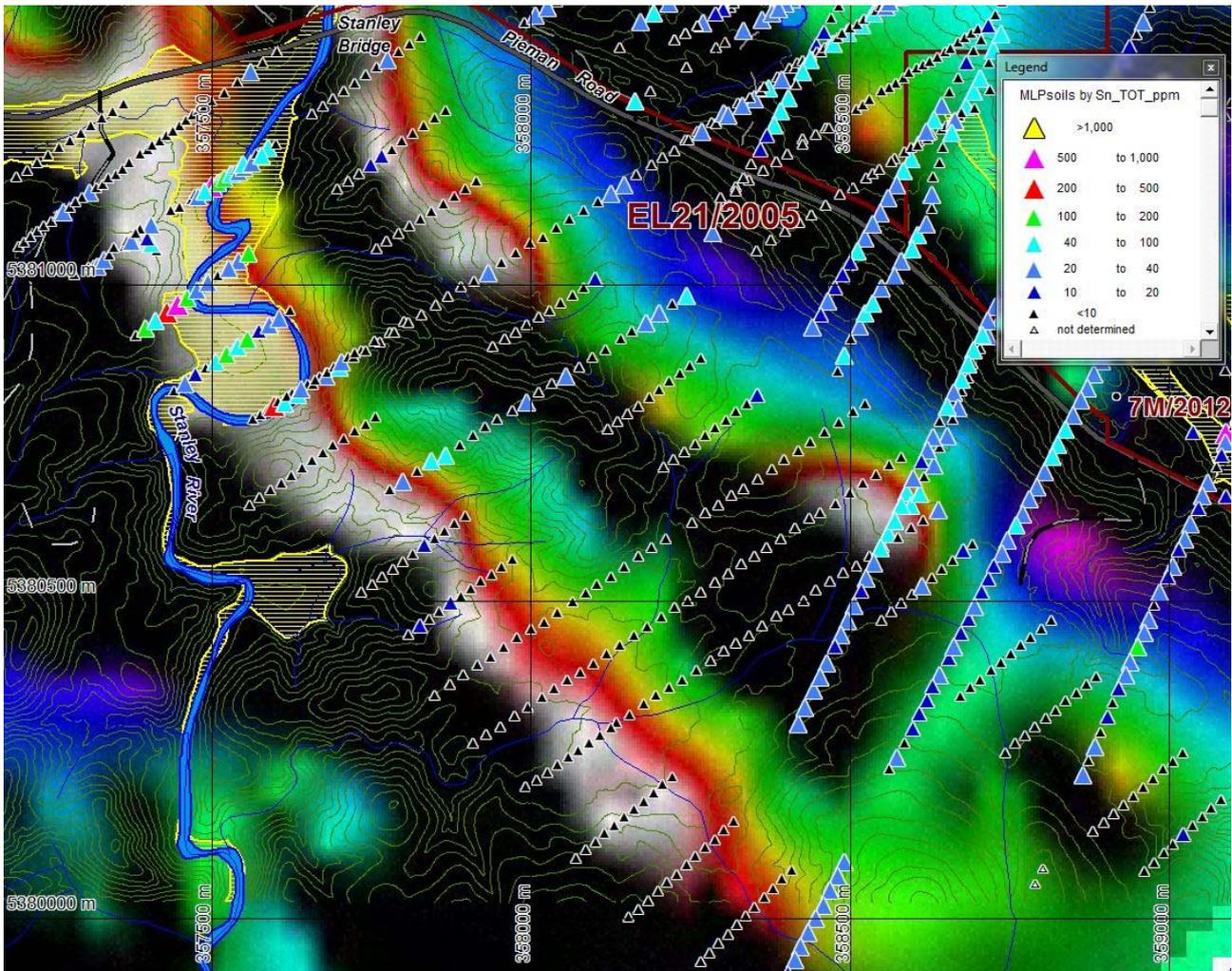


Figure 7 : Stanley Bridge soil sample locations coloured by tin on 880 Hz EM conductivity image. Thin green contour lines are 5 m topographic contours, yellow hatch alluvial terrace gravels. MGA Zone55 GDA94.

6.4 Eastern Skarn

The Eastern Skarn target area is located about 1.2 km northeast of the Main and No.2 Sn+W+magnetite deposits. Previous soil sampling, prospecting and drilling by Renison then Venture identified a broad (>100 m true thickness?) pyroxene, garnet and amphibole skarn with narrower magnetite zones (est. 10-20 m true thickness). Soil sampling returned up to c. 400 ppm Sn adjacent to a complex (numerous dykes or sills) contact with tourmaline greisen in the Meredith Granite. However, all the anomalous Sn encountered to date is associated with garnet skarn without the greisenous overprints commonly associated with cassiterite mineralization recognized in the nearby Main and No.2 deposits. Most of the work to date within the Eastern Skarn has been proximal to the Meredith Granite, not a zone which has proved particularly prospective for cassiterite in the Main and No.2 skarns. Reconnaissance soil sampling by Renison returned up to 125 ppm Sn around 1500 m from the granite contact on the Eastern Skarn, and Venture initiated follow-up sampling of this distal setting in February-March 2015 before field operations were suspended. Sixty-six (66) soil samples were collected by hand auger at c. 20 m intervals along NNE trending lines approximately 140 m apart (Figure 8). Tracks and sampling lines were not cut, locations were determined by handheld GPS.

Samples were dried, screened to c. -3mm then assayed by portable XRF by Venture personnel. Results are given in Appendix A.

The maximum Sn result obtained was 46 ppm, and while the anomalism is patchy there appear to be two parallel 300 to 600 m long WNW trending +20 ppm Sn anomalies c. 150 to 200m apart over the distal extension of the Eastern Skarn. The current soil results suggest Venture's reconnaissance drilling of the Eastern Skarn only tested the southern edge of the Eastern Skarn in this distal setting. Locational accuracy of the historic soil sampling data (digitized off historic plans) is at best ± 50 m in this area and replacement of the Renison soil lines is ultimately recommended. Infill to achieve a spacing of c. 70 m by 20 m and ENE extension of the Venture lines is proposed.

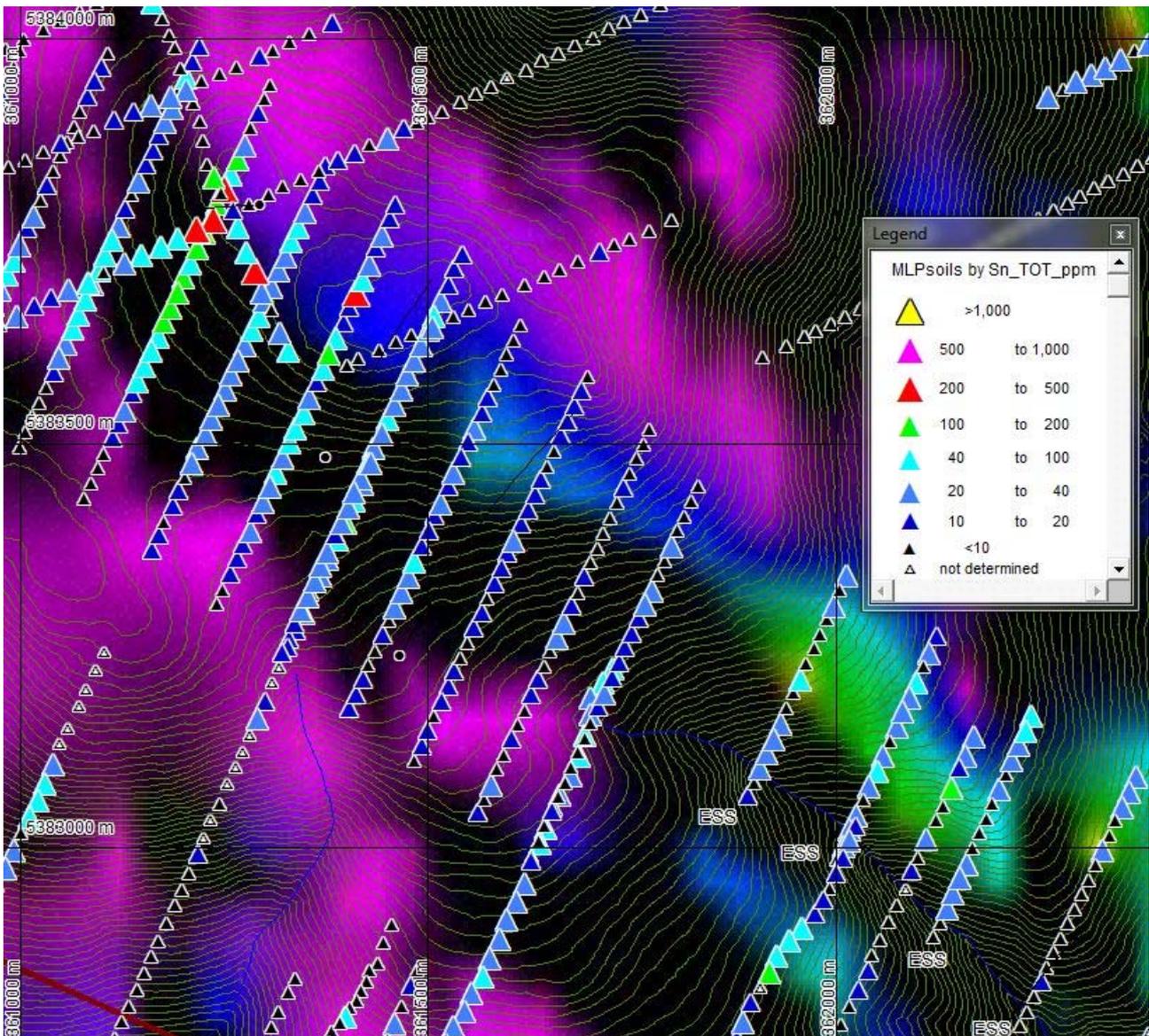


Figure 8 : Eastern Skarn soil sample locations coloured by tin on 880 Hz EM conductivity image. Thin green contour lines are 5 m topographic contours, 2014-2015 Venture soil sample lines marked ESS. MGA Zone55 GDA94.

7 Conclusions and Recommendations

Mining Lease 7M/2012 was excised from EL21/2005 in July 2014, immediately prior to the anniversary of EL21/2005: subsequent exploration activities within EL21/2005 were focused on advancing several geophysical, geological and historic geochemical targets to drilling stage. All of the Sn and/or W targets assessed within the reduced EL21/2005 during 2014-2015 are within a few kilometres of the Pieman Road and easy trucking distance of the proposed mine development at Mt Lindsay (in 7M/2012). A total of 669 soil samples and rock samples were collected and assayed by Venture personnel from targets in the Cruncher Creek, Stanley Bridge, lower Harman River and Parsons Hood areas during the 2014-2015 tenement year. Positive results for blind mineralisation were obtained from the Cruncher, Lower Harman and Eastern Skarn targets. Results from the Stanley Bridge targets are not encouraging at this stage. Follow-up soil sampling and prospecting is proposed for the Cruncher, Lower Harman and Eastern Skarn targets in 2015-2016. A larger selection of the 2014-2015 Cruncher soil samples should be assayed for boron, and the dolerite from the Lower Harman soil Sn anomaly should be geochemically compared with similar dolerites adjacent to the Main Skarn. The following works are proposed for the 2015-2016 tenement year:

- Cruncher target - soil sampling (c. 100 samples) and prospecting for tourmaline alteration zones, assaying, reconnaissance of northern magnetic anomalies not covered by current soil sample grid. Assaying of selected 2014-2015 pulps for B.
- Lower Harman target - prospecting and soil sampling (c. 40 samples), assaying & geochemistry.
- Eastern Skarn - extended soil sampling of distal extension (c. 60 samples), geological mapping and prospecting for vein and alteration zones in the granite margin to identify mineralised structures which may control high-grade Sn and/or W zones within the identified calcsilicate and magnetite+amphibole skarn, assaying & geochemistry.
- Stanley Bridge EM targets - mapping & prospecting.
- Webbs Creek - reconnaissance prospecting and stream sediment sampling of structural and alteration targets.

Partial surrender of ground no longer considered prospective within the Meredith Granite, Huskisson Syncline, and Crimson Creek is also recommended.

8 Bibliography

Allen, D. V., 1923. Notes on Lindsay Reward Tin Mine, Western Tasmania. Proceedings of the Australian Institute of Mining and Metallurgy. New Series no. 51. p. 47-51. (MRT Report No. 23-0029).

Allegiance Mining NL, 2005. Avebury Mine Area Resources. ASX Announcement 9 November 2005 by Allegiance Mining NL.

Brown, A. V., 1986. Geology of the Dundas – Mt Lindsay – Mt Youngback region. Tasmania Department of Mines. Geological Survey Bulletin 62.

Cartwright, A.J., Komyshan, P., & Roberts, P.A. 1984. E.L. 17/77 Wilson River Area Annual Report for 1983-84. Gold Fields Exploration Pty Ltd.

Comstaff, 1972. (anonymous). Exploration Licence 1/68. 1971/1972 Summer Field Season Report. Meredith Granite Project. [MRT report # 72-0856].

Comstaff, 1973. (anonymous). Exploration Licence 1/68. Meredith Granite Project. 1972/1973 Summer Field Season Report. [MRT report # 73-0953].

Couper, J. K., 1964. Interim report on Mt Lindsay prospect, Zeehan, Tasmania. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR64-0386).

Couper, J. K., 1964. Geological report of Stanley River area, Mt Lindsay Prospect, Schedule 6b-1964. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR64-0376).

Ellis, P. D. 1982. Exploration progress report EL53/70, Stanley River, West Tasmania, period ending 10th June 1982. EMR 111/82. Unpublished report for CSR Ltd – Minerals Division Exploration Group, available from Mineral Resources Tasmania (TCR82-1804).

Ellis, P. D. 1982. Exploration progress report EL53/70, Stanley River, West Tasmania, period ending 10th November 1982. EMR 160/82. Unpublished report for CSR Ltd – Minerals Division Exploration Group, available from Mineral Resources Tasmania (TCR82-1874).

Eshuys, E., & Etheridge, M., 1968. Report on the Mt Lindsay area, Tasmania (Summer Programme 1967/68). Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR68-0499).

Gibson, B. G. 1984. Stanley Reward tin prospect EL53/70, Western Tasmania. Bulletin 134, Addendum 3. Unpublished report for Gencor (Australia) Pty Ltd, available from Mineral Resources Tasmania (TCR84-2290).

Howland-Rose, A. W., 1975. Report on an electrical induced polarization survey over the Mt Livingstone Prospect near Renison Bell, West Coast Tasmania on behalf of Pacminex Pty Limited. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR74-1073).

Irving, J. T., 1971. Report on Exploration Licence 53/70. Stanley River, Tasmania. Unpublished report for Valley Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR71-0816).

Irving, J. T., 1972. Valley Exploration Pty Ltd. EL53/70 Stanley River area, Tasmania. Unpublished report for Valley Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR72-0913).

Jessup, A., 1969. Report on the summer exploration programme undertaken at Mt Lindsay Tasmania, 1968-1969. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR69-0600).

Jessup, A., 1969. Review of summer exploration program undertaken in EL3/63, West Coast, Tasmania, 1968-1969. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR69-0601).

Jordan, M., 1970. Report on the summer exploration program undertaken at Mt Lindsay and in the Stanley River area 1969-1970. Unpublished report for the Paringa Mining and Exploration Company Limited, available from Mineral Resources Tasmania (TCR70-0626).

King, D. Report on the tin resources of Tasmania. Utah Development Company, report available from Mineral Resources Tasmania (TCR63-0364).

Kitto, P. A., 1992. The geological and structural controls on mineralisation at the Renison Bell tin mine. Tasmania Department of Mines. Geological Survey Bulletin 70, p97-117.

Komyshan, P., 1985. EL2/63 and EL17/77 Mt Lindsay and Wilson River areas Annual Report 1984-85. Unpublished report for Gold Fields Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR85-2406).

Kwak, T. A. P., 1982. The geology and geochemistry of the zoned, Sn-W-F-Be skarns at Mt Lindsay, Tasmania, Australia. Unpublished report available from Mineral Resources Tasmania (TCR82-1805).

Macnamara, P. M., 1974. Progress report of exploration and drilling to May 1974 on EL53/70, Tasmania. PMR 60/74. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR74-1014).

Macnamara, P. M., 1976. Geochemical testing of airborne EM anomalies EL53/70 Stanley River, Tasmania. PMR 196/76. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR76-1186).

Macnamara, P. M., 1977. Stanley Reward: EL53/70 West Tasmania report on exploration 1975-1977 (drilling, geochemical and magnetic surveys). PMR 153/77. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR77-1227).

Macnamara, P. M., 1977. Stanley Reward: EL53/70 grid soil geochemistry 1975-1977. PMR 168/77. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR77-1241).

Macnamara, P. M., 1978. Stanley Reward drilling - 1978 EL53/70 Stanley River, West Tasmania. PMR 97/78. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR78-1311).

Macnamara, P. M., 1978. Geochemical sampling 1978, EL53/70 Stanley River, West Tasmania. PMR 103/78. Unpublished report for Pacminex Pty Ltd, available from Mineral Resources Tasmania (TCR78-1315).

Macnamara, P. M., 1980. Anomalous geochemical and geophysical target zones: Stanley Reward grid EL53/70 Stanley River, West Tasmania. EMR 59/80. Unpublished report for CSR Ltd – Minerals Division Exploration Group, available from Mineral Resources Tasmania (TCR80-1471).

Macnamara, P. M., 1980. Drilling and geochemical sampling, Stanley Reward grid, EL53/70 Stanley River, West Tasmania. EMR 87/80. Unpublished report for CSR Ltd – Minerals Division Exploration Group, available from Mineral Resources Tasmania (TCR81-1554).

Martin, L. A., 1981. EL2/63 Mt Lindsay area, western Tasmania 1981-1982 Annual Report. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR81-1568).

Martin, L. A., 1982. EL2/63 Mt Lindsay area, western Tasmania 1981-1982 Annual Report. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR82-1797).

Moore, B. R., 1987. Fracture and mineralisation study, Mt Livingstone area, Tasmania, Australia. Unpublished report by Geo-Flite Research Pty Ltd Macleod Mining and Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR87-2724).

Morton, J. L., 1963. Progress report no. 8 of Mt Lindsay tin prospect, Zeehan, Tasmania. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR63-0361).

Morton, J. L., 1963. Progress report no. 9 of Mt Lindsay tin prospect, Zeehan, Tasmania. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR63-0365).

Morton, J. L., 1964. Review of Mt Lindsay diamond drilling and reconnaissance programme as at 19.3.1964, Zeehan - Corrina, Tasmania. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR64-0368).

Morton, J. L., & Couper, J. K., 1964. Review of Mt Lindsay prospect at completion of second diamond drilling program, Zeehan, Tasmania. Report No. 3. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR64-0377).

Newnham, L. A., 1973. EL2/63 Mt Lindsay area, Western Tasmania. Interpretation of a helicopter borne magnetic survey in the Renison Bell area (Tasmania). Extracted directly from a report by G. Omnes of Compagnie Generale De Geophysique dated 4th August 1973. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR73-0969).

Newnham, L. A., 1975. A Lower Cambrian marker sequence in the Renison – Mt Lindsay area. Paper presented at the geological Society of Australia, Tasmania Division, West Coast Symposium on Lower Palaeozoic Geology of Western Tasmania, September 1975.

Newnham, L. A., 1975. EL2/63 and EL18/73, Mt Lindsay area, Western Tasmania, Annual Report 1974-75. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR75-1120).

Newnham, L. A., 1975. Mt Lindsay area (EL2/63 and EL18/73) diamond drilling proposal summer 1975-76. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR75-1127).

Newnham, L. A., 1999. EL22/98 Meredith Range Annual Report for the period ending November 1999. Unpublished report for Goldstream Mining NL, available from Mineral Resources Tasmania (TCR99-4406).

Newnham, L. A., & Schellekens, R. R., 1973. EL2/63 Mt Lindsay – Western Tasmania. Annual Report. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR73-0962).

Newnham, L. A., & Schellekens, R. R., 1974. EL2/63 and EL18/73, Mt Lindsay area, Western Tasmania, Annual Report 1973-74. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR74-1038).

Newnham, L. A., & Schellekens, R. R., 1978. Annual Report 1977-78 Mt Lindsay (EL2/63) and Stanley (EL18/73) areas. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR78-1280).

Owen, S., 2008. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2007 to 22/8/2008. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Owen, S., 2009. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2008 to 22/8/2009. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Owen, S., 2010. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2009 to 22/8/2010. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Owen, S., 2011. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2010 to 22/8/2011. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Owen, S., & Pfeifenberger, S., 2012. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2011 to 22/8/2012. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Owen, S., Joughin, S., and Stein, J., 2013. Mt Lindsay Project. Exploration Licence 21/2005. Annual Technical Report for the period 22/8/2012 to 21/8/2013. Venture Minerals Ltd. Unpublished report for Mineral Resources Tasmania.

Pearson, H. F., 1952. Report on the Mt Lindsay Tin Mine near Zeehan, Tasmania. Unpublished report held by Mineral Resources Tasmania, written at latest 1952 (MRT Report No. 61-0337).

Reid, A. MacKintosh, 1927. Preliminary report on the Mt Lindsay tin mine. Department of Mines, Tasmania, report available from Mineral Resources Tasmania (UR1927A p50-60).

Ransom, D. M., & Wilson, J. L., 1966. Report on the regional geology, summer 1965-1966 (Waratah, Mt Cleveland, Mt Lindsay). Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR66-0425).

Roberts, P.A. & Martin, L.A. 1982. Annual Report E.L. 17/77 – Wilson River Area, Western Tasmania, 1981- 82. Gold Fields Exploration Pty Ltd. [MRT report # 82-1857].

Roberts, P. A., & Cartwright, A. J., 1983. EL2/63 Mt Lindsay area, Annual Report 1982-83. Unpublished report for Gold Fields Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR83-2048).

Roberts, P. A., 1984. EL2/63 Mt Lindsay area, Annual Report 1983-84. Unpublished report for Gold Fields Exploration Pty Ltd, available from Mineral Resources Tasmania (TCR84-2202).

Ross, A. F., 1976. EL2/63 and EL18/73 Mt Lindsay area, Western Tasmania, Annual Report 1975-76. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR76-1164).

Ross, A. F., 1977. EL2/63 and EL18/73 Mt Lindsay area, Western Tasmania, Annual Report 1976-77. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR77-1210).

Ross, A. F., 1980. EL2/63 Mt Lindsay area, Western Tasmania, Annual Report 1979-80. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR80-1507).

Schellekens, R. 1978. Progress Report – September 1978. E.L. 17/77 – Wilson River Area, Western Tasmania. Renison Ltd.

Schellekens, R. R., 1979. Annual Report 1978-79 Mt Lindsay (EL2/63) and Stanley River (EL18/73) areas, Western Tasmania. Unpublished report for Renison Ltd, available from Mineral Resources Tasmania (TCR79-1381).

Sloggett, T. M., 1988. Co-relation of previous exploration reports to fracture and mineralisation study as undertaken by Geo-Flight Research Pty Ltd in respect of Exploration Licence 53/70. Unpublished report by T. M. Sloggett and Associates for Mr B. T. Irving, available from Mineral Resources Tasmania (TCR88-2821).

Sloggett, T. M., 1988. The Livingstone Creek tin gossans EL53/70, vicinity of Mt Livingstone, north west Tasmania. Unpublished report by T. M. Sloggett and Associates for Mr B. T. Irving, available from Mineral Resources Tasmania (TCR88-2848).

Sloggett, T. M., 1988. Proposed application for Mining Lease. Unpublished application with supporting documentation on behalf of Mr B. T. Irving by T. M. Sloggett and Associates, available from Mineral Resources Tasmania (TCR88-2897).

Taylor, B. L., 1954. Progress report on the north Pieman mineral area. Report to the Director of Mines, Hobart, available from Mineral Resources Tasmania (TCR55-0121).

Tester, D. K., 1972. The Mt Lindsay area, Tasmania. A summary of exploration activities undertaken by the Aberfoyle Group from 1962 until 1970. Unpublished report for the Aberfoyle Tin Development Partnership, available from Mineral Resources Tasmania (TCR70-675)

Waterhouse, L. L., 1914. The Stanley River Tin Field. Tasmania Department of Mines. Geological Survey Bulletin 15.

Winnall, N. J., 1983. Annual Report Stanley Reward tin prospect, EL53/70, Western Tasmania. Unpublished report for Union Corporation (Australia) Pty Ltd, available from Mineral Resources Tasmania (TCR83-2050).

Zimmerman, D., 1973. Geological review of EL53/70 Stanley River area, Western Tasmania and proposal and cost estimate for further exploration. Unpublished report by Contech Pty Ltd for Valley Exploration (Holdings) Pty Ltd, available from Mineral Resources Tasmania (TCR73-0943).

Appendix A

**EL21/2005 Soil sample locations and assays by
Delta 50 portable XRF 2014-2015**

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	CRCK029	Cruncher Creek	356358	5382448	40	gy	B	smooth clay. Rocky base. Flat ground.	pXRF20150108	-9	-9	-9	11.646	-9	-9	0.0315
D	CRCK030	Cruncher Creek	356376	5382454	70	gy	B	Top of ridge. Sandy.	pXRF20150108	-9	-9	-9	7.199	-9	-9	0.061
D	CRCK031	Cruncher Creek	356395	5382461	70	gy	B	rocky and gravelly. Moderate slope.	pXRF20150108	-9	-9	-9	12.466	-9	-9	0.0799
D	CRCK032	Cruncher Creek	356414	5382468	40	gy	B	steep slope. Rocky.	pXRF20150108	-9	-9	-9	14.829	-9	-9	-9
D	CRCK033	Cruncher Creek	356433	5382475	30	gy	B	rocky clay.	pXRF20150108	-9	-9	-9	16.996	-9	-9	-9
D	CRCK034	Cruncher Creek	356452	5382481	30	bn-gy	B	open forest. Wet, rocky clay.	pXRF20150108	-9	-9	-9	3.778	-9	0.0355	0.0579
D	CRCK035	Cruncher Creek	356470	5382488	60	og-bn	B	uphill of creek. Smooth clay.	pXRF20150108	-9	-9	-9	4.279	-9	0.0492	0.0837
D	CRCK036	Cruncher Creek	356489	5382495	60	gy	B	gravelly clay.	pXRF20150108	-9	-9	-9	13.404	-9	-9	-9
D	CRCK037	Cruncher Creek	356508	5382502	15	gy	B	wet, gravelly. Moderate slope.	pXRF20150108	-9	-9	-9	11.849	-9	-9	0.0256
D	CRCK038	Cruncher Creek	356527	5382508	20	gy	B	gravelly clay.	pXRF20150108	-9	-9	-9	10.272	-9	-9	-9
D	CRCK039	Cruncher Creek	356546	5382515	40	bn	B	very steep cliffs. Outcrop of SS - looks a bit silicified - baked? Mas	pXRF20150108	-9	-9	-9	12.187	-9	-9	0.0556
D	CRCK040	Cruncher Creek	356255	5382621	50	gy-bn	B	shallow slope. Gravelly, wet/muddy.	pXRF20150108	-9	-9	-9	16.325	-9	-9	-9
D	CRCK041	Cruncher Creek	356274	5382628	60	gy	B	shallow slope. Sandy.	pXRF20150108	-9	-9	-9	16.097	-9	-9	0.0488
D	CRCK042	Cruncher Creek	356293	5382635	50	gy	B	moderate slope. Sandy, gravelly.	pXRF20150108	-9	-9	-9	9.9	-9	-9	0.0497
D	CRCK043	Cruncher Creek	356311	5382641	30	gy	B	shallow slope. Gravelly. Rocky base.	pXRF20150108	-9	-9	-9	13.783	-9	-9	0.1138
D	CRCK044	Cruncher Creek	356330	5382648	40	gy	B	shallow slope. Sandy. Rocky base.	pXRF20150108	-9	-9	-9	18.929	-9	-9	0.0471
D	CRCK045	Cruncher Creek	356349	5382655	60	gy	B	shallow slope. Sandy. Gravelly.	pXRF20150108	-9	-9	-9	16.034	-9	-9	0.141
D	CRCK046	Cruncher Creek	356368	5382662	60	gy-bn	B	moderate slope.	pXRF20150108	-9	-9	-9	13.379	-9	0.0131	0.279
D	CRCK047	Cruncher Creek	356387	5382668	30	gy	B	rocky.	pXRF20150108	-9	-9	-9	14.405	-9	-9	0.059
D	CRCK048	Cruncher Creek	356405	5382675	40	gy	B	thick bush! Rocky.	pXRF20150108	-9	-9	-9	14.244	-9	-9	0.0471
D	CRCK049	Cruncher Creek	356424	5382682	60	gy	B	sandy. Moderate slope.	pXRF20150108	-9	-9	-9	10.199	-9	-9	0.1676
D	CRCK050	Cruncher Creek	356443	5382689	60	gy	B	shallow slope. Gravelly clay.	pXRF20150108	-9	-9	-9	16.311	-9	-9	0.0749
D	CRCK051	Cruncher Creek	356462	5382695	40	gy	B	gravelly. Near top of ridge. Thick!	pXRF20150108	-9	-9	-9	12.68	-9	-9	-9
D	CRCK052	Cruncher Creek	356481	5382702	40	gy-bn	B	thick! Gravelly, rocky base. Top of ridge.	pXRF20150108	-9	-9	-9	13.623	-9	-9	0.0288
D	CRCK053	Cruncher Creek	356499	5382709	60	gy	B	flat. Wet, gravelly clay.	pXRF20150108	-9	-9	1.548	11.767	-9	-9	-9
D	CRCK054	Cruncher Creek	356518	5382716	30	gy	C	flat. Rocky. End of thick bauera.	pXRF20150108	-9	-9	-9	15.571	-9	-9	-9
D	CRCK055	Cruncher Creek	356537	5382722	40	gy	B	flat. Sandy and rocky.	pXRF20150108	-9	-9	1.286	15.909	-9	-9	0.0289
D	CRCK056	Cruncher Creek	356556	5382729	30	bn-gy	B	shallow slope. Rocky base.	pXRF20150108	-9	-9	-9	11.553	-9	-9	0.0277
D	CRCK057	Cruncher Creek	356575	5382736	40	bn-gy	B	moderate slope. Rocky base.	pXRF20150108	-9	-9	-9	9.251	-9	-9	-9
D	CRCK058	Cruncher Creek	356593	5382743	40	gy-bn	B	near creek. Gravelly.	pXRF20150108	-9	-9	-9	9.095	-9	-9	0.0351
D	CRCK059	Cruncher Creek	356612	5382749	20	gy-bn	B	near creek. Rocky and gravelly.	pXRF20150108	-9	-9	-9	12.046	-9	0.015	0.0395
D	CRCK060	Cruncher Creek	356631	5382756	20	gy	B	very steep. Near creek. Rocky.	pXRF20150108	-9	-9	-9	12.728	-9	0.0132	0.0446
D	CRCK061	Cruncher Creek	356650	5382763	40	bn-gy	B	steep slope	pXRF20150108	-9	-9	-9	18.93	-9	0.0107	0.0817
D	CRCK062	Cruncher Creek	356669	5382770	40	gy	B	steep slope. Sandy and rocky.	pXRF20150108	-9	-9	-9	15.448	-9	-9	0.0307
D	CRCK063	Cruncher Creek	356687	5382776	60	gy-bn	B	steep slope. Rocky.	pXRF20150108	-9	-9	-9	16.513	-9	0.0113	0.0599
D	CRCK064	Cruncher Creek	356706	5382783	30	gy-bn	B	steep slope. Gravelly.	pXRF20150108	-9	-9	-9	13.994	-9	0.0118	0.0315
D	CRCK065	Cruncher Creek	356725	5382790	30	gy-bn	B	moderate steep slope. Rocky base.	pXRF20150108	-9	-9	-9	17.536	-9	-9	0.0802
D	CRCK066	Cruncher Creek	356583	5382529	40	gy	B	steep slope. Thick! Sandy rocky base.	pXRF20150108	-9	-9	-9	14.406	-9	-9	0.0713
D	CRCK067	Cruncher Creek	356602	5382535	30	bn	B	steep slope. Rocky base. Organics. Gravelly.	pXRF20150108	-9	-9	-9	9.435	-9	-9	0.1535
D	CRCK068	Cruncher Creek	356621	5382542	15	gy	B	moderate slope. Sandy, rocky base.	pXRF20150108	-9	-9	-9	12.223	-9	-9	0.0362
D	CRCK069	Cruncher Creek	356640	5382549	30	bn	B	SS-ST boulders. Rocky base.	pXRF20150108	-9	-9	-9	16.22	-9	-9	0.0483
D	CRCK070	Cruncher Creek	356658	5382556	40	gy	B	flat top. Low scrub. Gravelly clay.	pXRF20150108	-9	-9	1.814	14.765	-9	-9	-9
D	CRCK071	Cruncher Creek	356677	5382562	60	gy	B	gravelly. Moderate slope.	pXRF20150108	-9	-9	-9	13.929	-9	-9	-9
D	CRCK072	Cruncher Creek	356696	5382569	50	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	9.599	-9	-9	-9
D	CRCK073	Cruncher Creek	356715	5382576	40	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	1.484	16.637	-9	-9	-9
D	CRCK074	Cruncher Creek	356734	5382583	40	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	1.345	16.161	-9	-9	-9
D	CRCK075	Cruncher Creek	356752	5382589	40	gy	B	shallow slope. Gravelly.	pXRF20150108	-9	-9	-9	14.037	-9	-9	-9
D	CRCK076	Cruncher Creek	356771	5382596	35	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	1.672	15.52	-9	-9	0.0244
D	CRCK077	Cruncher Creek	356790	5382603	20	gy	B	moderate slope. Gravelly, wet.	pXRF20150108	-9	-9	-9	16.794	-9	-9	-9
D	CRCK078	Cruncher Creek	356188	5382809	30	gy-bn	B	moderate slope. Thick bush. Minor rocks.	pXRF20150108	-9	-9	-9	13.431	-9	-9	0.0358
D	CRCK079	Cruncher Creek	356207	5382816	40	bn	B	rocky base. Shallow slope. Thick.	pXRF20150108	-9	-9	-9	15.541	-9	-9	0.0208
D	CRCK080	Cruncher Creek	356226	5382823	40	gy	B	sandy. Shallow slope. Thick	pXRF20150108	-9	-9	-9	13.981	-9	-9	-9
D	CRCK081	Cruncher Creek	356244	5382829	40	gy	B	steep slope. Rocky.	pXRF20150108	-9	-9	-9	13.321	-9	-9	0.0351
D	CRCK082	Cruncher Creek	356263	5382836	40	bn	B	moderate slope. Above small creek.	pXRF20150108	-9	-9	-9	15.661	-9	-9	0.0505
D	CRCK083	Cruncher Creek	356282	5382843	30	gy	B	sandy. Bush opening up.	pXRF20150108	-9	-9	1.138	14.334	-9	-9	-9
D	CRCK084	Cruncher Creek	356301	5382850	60	gy-bn	B	open bush. Open gully. Smooth clay.	pXRF20150108	-9	-9	1.099	9.274	-9	-9	0.0541
D	CRCK085	Cruncher Creek	356320	5382856	20	gy-bn	B	sandy. Rocky base. Moderate slope.	pXRF20150108	-9	-9	-9	12.132	-9	-9	0.0387
D	CRCK086	Cruncher Creek	356338	5382863	30	bn	B	rocky base. Shallow slope.	pXRF20150108	-9	-9	-9	12.199	-9	-9	0.0907
D	CRCK087	Cruncher Creek	356357	5382870	50	gy-bn	B	flat ground. Sandy.	pXRF20150108	-9	-9	1.075	16.767	-9	0.0132	0.0348
D	CRCK088	Cruncher Creek	356376	5382877	40	gy	B	gravelly. Rocky base. SST pieces.	pXRF20150108	-9	-9	-9	16.594	-9	-9	0.117
D	CRCK089	Cruncher Creek	356395	5382883	50	dgy	B	open bush. Flat ground.	pXRF20150108	-9	-9	0.97	19.081	-9	-9	0.0323
D	CRCK090	Cruncher Creek	356414	5382890	60	bn	B	gravelly. Flat. Wet.	pXRF20150108	-9	-9	-9	18.028	-9	0.0108	0.0283
D	CRCK091	Cruncher Creek	356432	5382897	20	bn-gy	B	gravelly. Flat. Rocky base.	pXRF20150108	-9	-9	-9	15.576	-9	-9	0.0502
D	CRCK092	Cruncher Creek	356451	5382904	50	gy	B	flat ground. Open bush. Gravelly.	pXRF20150108	-9	-9	-9	15.201	-9	-9	0.0252

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	CRCK093	Cruncher Creek	356470	5382910	40	gy	B	flat. Gravelly.	pXRF20150108	-9	-9	1.293	15.316	-9	-9	0.102
D	CRCK094	Cruncher Creek	356489	5382917	50	gy	B	thick bush	pXRF20150108	-9	-9	1.273	15.741	-9	-9	0.063
D	CRCK095	Cruncher Creek	356508	5382924	20	dbn	B	rocky. Moderate slope. Organics. Foliated SST subcrop nearby.	pXRF20150108	-9	-9	1.275	12.407	-9	0.0167	0.0717
D	CRCK096	Cruncher Creek	356526	5382931	40	dgy-bn	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	11.79	-9	-9	0.0428
D	CRCK097	Cruncher Creek	356545	5382937	60	gy	B	steep slope. Gravelly.	pXRF20150108	-9	-9	-9	16.583	-9	0.0101	0.0764
D	CRCK098	Cruncher Creek	356564	5382944	70	bn-gy	B	steep slope. Gravelly.	pXRF20150108	-9	-9	1.144	17.721	-9	0.0123	0.1132
D	CRCK099	Cruncher Creek	356583	5382951	50	gy-bn	B	steep slope. Gravelly.	pXRF20150108	-9	-9	-9	17.992	-9	-9	0.0583
D	CRCK100	Cruncher Creek	356602	5382958	40	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	19.467	-9	0.0099	0.0305
D	CRCK101	Cruncher Creek	356620	5382964	40	yw-gy	B	moderate slope. Smooth clay.	pXRF20150108	-9	-9	-9	14.19	-9	-9	0.2976
D	CRCK102	Cruncher Creek	356639	5382971	50	gy	B	moderate slope. Gravelly	pXRF20150108	-9	-9	-9	13.261	-9	-9	0.0328
D	CRCK103	Cruncher Creek	356658	5382978	30	gy	B	thick! Moderate slope. Sandy.	pXRF20150108	-9	-9	-9	14.824	-9	-9	-9
D	CRCK104	Cruncher Creek	356123	5382997	50	gy-bn	B	Moderate slope	pXRF20150108	-9	-9	-9	18.38	-9	-9	0.025
D	CRCK105	Cruncher Creek	356142	5383004	50	gy-bn	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	17.122	-9	-9	0.0223
D	CRCK106	Cruncher Creek	356161	5383011	40	gy-bn	B	Moderate slope. Rocky base.	pXRF20150108	-9	-9	-9	16.581	-9	-9	-9
D	CRCK107	Cruncher Creek	356179	5383017	40	gy-bn	B	Moderate slope. Gravelly.	pXRF20150108	-9	-9	1.295	15.459	-9	-9	0.0209
D	CRCK108	Cruncher Creek	356198	5383024	30	gy-bn	B	Moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	18.092	-9	-9	0.0264
D	CRCK109	Cruncher Creek	356217	5383031	30	bn-gy	B	Thick! Moderate slope. Gravelly.	pXRF20150108	-9	-9	1.158	17.263	-9	0.01	0.0318
D	CRCK110	Cruncher Creek	356236	5383038	40	bn-gy	B	moderate slope. Gravelly and rocky	pXRF20150108	-9	-9	-9	15.137	-9	-9	0.0212
D	CRCK111	Cruncher Creek	356255	5383044	70	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	18.079	-9	0.0126	0.0255
D	CRCK112	Cruncher Creek	356273	5383051	60	gy	B	gravelly. Steep slope.	pXRF20150108	-9	-9	-9	18.07	-9	-9	-9
D	CRCK113	Cruncher Creek	356292	5383058	50	gy	B	clay. Gravelly.	pXRF20150108	-9	-9	1.253	15.163	-9	-9	-9
D	CRCK114	Cruncher Creek	356311	5383065	80	og	C	clay - smooth. Moderate slope.	pXRF20150108	10	-9	1.234	4.483	-9	0.0419	-9
D	CRCK115	Cruncher Creek	356330	5383071	70	og-rd	B	above creek. Smooth clay.	pXRF20150108	-9	-9	1.636	5.761	-9	0.0387	0.0603
D	CRCK116	Cruncher Creek	356349	5383078	70	og-bn	B	other side of creek. Shallow slope. Smooth clay.	pXRF20150108	-9	-9	-9	4.449	-9	-9	0.0608
D	CRCK117	Cruncher Creek	356367	5383085	40	gy-og	B	close to creek. Gravelly clay.	pXRF20150108	-9	-9	-9	6.432	-9	-9	0.1006
D	CRCK118	Cruncher Creek	356386	5383092	70	bn	B	moderate slope. Smooth clay.	pXRF20150108	-9	-9	2.217	13.561	-9	-9	0.0399
D	CRCK119	Cruncher Creek	356405	5383098	50	gy	B	flat ground. Smooth soil.	pXRF20150108	-9	-9	-9	20.07	-9	-9	0.1096
D	CRCK120	Cruncher Creek	356424	5383105	60	gy	B	moderate slope. Minor rocks.	pXRF20150108	-9	-9	-9	14.09	-9	-9	0.0404
D	CRCK121	Cruncher Creek	356443	5383112	50	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	17.191	-9	-9	0.0493
D	CRCK122	Cruncher Creek	356461	5383119	40	bn-gy	B	shallow slope. Smooth clay.	pXRF20150108	-9	-9	-9	14.477	-9	-9	0.03
D	CRCK123	Cruncher Creek	356480	5383125	20	gy	B	moderate slope. Smooth. Organics.	pXRF20150108	-9	-9	-9	11.023	-9	0.0167	0.0689
D	CRCK124	Cruncher Creek	356499	5383132	30	gy-bn	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	15.48	-9	-9	0.0502
D	CRCK125	Cruncher Creek	356518	5383139	80	gy	B	shallow slope. Smooth clay.	pXRF20150108	-9	-9	-9	15.814	-9	0.0105	0.0688
D	CRCK126	Cruncher Creek	356537	5383146	50	gy	B	moderate slope. Gravelly.	pXRF20150108	-9	-9	-9	17.091	-9	-9	0.1138
D	CRCK127	Cruncher Creek	356555	5383152	30	gy-bn	B	moderate slope. Gravelly. Clay.	pXRF20150108	-9	-9	-9	15.901	-9	-9	0.0603
D	CRCK128	Cruncher Creek	356574	5383159	40	bn	B	steep slope. Wet. Gravelly.	pXRF20150108	-9	-9	-9	19.847	-9	-9	0.0297
D	CRCK129	Cruncher Creek	356593	5383166	15	bn	B	creek valley - thick bush. Gravelly and sandy.	pXRF20150108	-9	-9	-9	20.341	-9	-9	-9
D	CRCK130	Cruncher Creek	356605	5383187	30	gy-bn	B	thick,mod slope,clay,rock base	pXRF20150108	-9	-9	-9	18.823	-9	0.0115	0.0348
D	CRCK131	Cruncher Creek	356607	5383194	30	gy-bn	B	rock base,mod slope,organics	pXRF20150108	-9	-9	-9	19.47	-9	-9	0.0261
D	CRCK132	Cruncher Creek	356609	5383201	30	gy-bn	B	mod slope,rocky base	pXRF20150108	-9	-9	-9	22.534	-9	-9	0.0175
D	CRCK133	Cruncher Creek	356111	5383207	30	gy-bn	B	rocky,mod slope,gravelly	pXRF20150108	-9	-9	-9	16.844	-9	0.0121	-9
D	CRCK134	Cruncher Creek	356130	5383214	20	gy	B	above creek,mod slope	pXRF20150108	-9	-9	-9	16.509	-9	-9	0.0186
D	CRCK135	Cruncher Creek	356149	5383221	20	bn	A	beside creek,steep slope,rock head	pXRF20150108	-9	-9	-9	6.947	-9	0.0222	0.0883
D	CRCK136	Cruncher Creek	356168	5383228	20	bn	A	thick bush,gravelly,organics	pXRF20150108	-9	-9	-9	15.228	-9	-9	0.037
D	CRCK137	Cruncher Creek	356187	5383234	80	bn	B	thick,mod slope,organics,rocky base	pXRF20150108	-9	-9	-9	12.824	-9	0.0155	0.175
D	CRCK138	Cruncher Creek	356205	5383241	80	bn	B	thick,mod slope,organics,	pXRF20150108	-9	-9	1.98	4.654	-9	0.0223	0.2224
D	CRCK139	Cruncher Creek	356224	5383248	90	bn	B	thick,mod slope,organics,smooth soil	pXRF20150108	-9	-9	1.577	5.763	-9	0.0307	0.1704
D	CRCK140	Cruncher Creek	356243	5383255	40	gy	B	mod slope,gravelly,rocky base	pXRF20150108	-9	-9	-9	15.913	-9	-9	0.0343
D	CRCK141	Cruncher Creek	356262	5383261	50	gy	B	mod slope,above creek,gravelly	pXRF20150108	-9	-9	-9	11.517	-9	-9	-9
D	CRCK142	Cruncher Creek	356281	5383268	50	og	B	smooth clay,between 2 creeks on ridge	pXRF20150108	-9	-9	-9	6.744	-9	-9	0.0865
D	CRCK143	Cruncher Creek	356299	5383275	35	gy-bn	B	other side of river,shallow slope,rocky	pXRF20150108	-9	-9	-9	16.113	-9	-9	0.0196
D	CRCK144	Cruncher Creek	356318	5383282	30	bn	B	mod slope,gravelly,	pXRF20150108	-9	-9	1.161	17.324	-9	-9	0.0294
D	CRCK145	Cruncher Creek	356337	5383288	25	gy	B	thick,mod slope,rocky base	pXRF20150108	-9	-9	-9	10.461	-9	-9	0.0289
D	CRCK146	Cruncher Creek	356356	5383295	60	bn	B	mod slope,thick,rocky base	pXRF20150108	-9	-9	-9	5.166	-9	0.0133	0.4229
D	CRCK147	Cruncher Creek	356375	5383302	40	bn	A	shallow slope,thick	pXRF20150108	-9	-9	-9	6.618	-9	0.0219	0.1173
D	CRCK148	Cruncher Creek	356393	5383309	30	gy	B	sandy,rocky base,run off down hill	pXRF20150108	-9	-9	-9	13.952	-9	-9	0.028
D	CRCK149	Cruncher Creek	356412	5383315	30	gy	B	change to bauera,shallow slope,rocky base,smooth	pXRF20150108	-9	-9	1.175	18.431	-9	-9	0.0311
D	CRCK150	Cruncher Creek	356431	5383322	20	gy	B	mod slope	pXRF20150108	-9	-9	-9	10.469	-9	-9	0.0375
D	CRCK151	Cruncher Creek	356450	5383329	20	gy	B	thick bush,steep slope,sandy	pXRF20150108	-9	-9	-9	17.019	-9	-9	0.0387
D	CRCK152	Cruncher Creek	356469	5383336	20	gy	A	mod slope,muddy	pXRF20150108	-9	-9	-9	16.946	-9	-9	0.0203
D	CRCK153	Cruncher Creek	356487	5383342	10	gy	B	sandy clay,rocky base	pXRF20150108	-9	-9	-9	21.069	-9	-9	0.0261
D	CRCK154	Cruncher Creek	356506	5383349	30	gy	B	shallow slope,sandy	pXRF20150108	-9	-9	-9	17.623	-9	-9	0.0264
D	CRCK156	Cruncher Creek	356564	5382522	30	bn	B	steep slope. Thick bush! Rocky base.	pXRF20150108	-9	-9	-9	9.804	-9	0.014	0.0856
D	ESS001	Eastern Skarn	362004	5383248	40	bn	b	GPS +/- 30m	pXRF20150326	-9	-9	-9	4.232113	-9	0.0444	0.1146

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	ESSS002	Eastern Skarn	362012	5383266	20	bn	b	GPS +/- 11m - very steep	pXRF20150326	-19	-9	-9	1.139886	-9	0.0339	0.0578
D	ESSS003	Eastern Skarn	362020	5383285	20	bn	b	Very steep gully. Rock at base	pXRF20150326	-10	-9	-9	3.368132	-9	0.0421	0.0538
D	ESSS004	Eastern Skarn	362028	5383303	20	bn	b	GPS +/- 30m Rock at base	pXRF20150326	-2	-9	-9	3.880606	-9	0.0555	0.0717
D	ESSS005	Eastern Skarn	362037	5383321	20	bn	b	GPS +/- 30m Rocky. Steep	pXRF20150326	-2	-9	-9	3.754942	-9	0.0558	0.0817
D	ESSS006	Eastern Skarn	362045	5383339	5	bn	a	Washed out mossy boulder field	pXRF20150326	-17	-9	-9	3.555361	-9	0.0435	0.0838
D	ESSS007	Eastern Skarn	362053	5383358	10	bn	a	Shallow rocky and steep +/- 15m	pXRF20150326	-9	-9	-9	3.861831	-9	0.0293	0.1356
D	ESSS008	Eastern Skarn	362061	5383376	15	bn	a	Rocky / shallow	pXRF20150326	-15	-9	-9	4.15199	-9	0.0448	0.081
D	ESSS009	Eastern Skarn	362069	5383394	10	bn	b	Rocky / shallow +/- 10m	pXRF20150326	-7	-9	-9	3.866765	-9	0.062	0.1156
D	ESSS010	Eastern Skarn	362077	5383412	15	bn	b	rocky mud	pXRF20150326	-9	-9	-9	5.626662	-9	0.0265	0.0854
D	ESSS011	Eastern Skarn	362086	5383431	10	bn	a	GPS +/- 15m - organic rich shallow rocky	pXRF20150326	-9	-9	-9	2.242783	-9	0.0213	0.0486
D	ESSS012	Eastern Skarn	362094	5383449	20	bn	b	shallow / rocky	pXRF20150326	-9	-9	-9	2.364384	-9	0.026	0.0725
D	ESSS013	Eastern Skarn	362102	5383467	20	bn	b	Shallow /rocky	pXRF20150326	-9	-9	-9	2.572491	-9	0.0194	0.0471
D	ESSS014	Eastern Skarn	362110	5383485	30	og-bn	b	Moderately steep, rock at base	pXRF20150326	-9	-9	-9	3.617168	-9	0.0326	0.1141
D	ESSS015	Eastern Skarn	362118	5383504	20	bn	b	Rock at base	pXRF20150326	-9	-9	-9	4.008706	-9	0.0374	0.0939
D	ESSS016	Eastern Skarn	362126	5383522	30	bn	b	rocky	pXRF20150326	-9	-9	-9	3.095034	-9	0.0488	0.0547
D	ESSS017	Eastern Skarn	362236	5383445	50	ye - og	b	clay. Moderately Steep. Ridge crest	pXRF20150326	-1	-9	-9	2.934345	-9	0.0601	0.0609
D	ESSS018	Eastern Skarn	362228	5383427	50	ye - og	b	Clay. Ridge crest	pXRF20150326	3	-9	-9	4.197636	-9	0.056	0.0818
D	ESSS019	Eastern Skarn	362220	5383409	40	bn	b	clay. Rock at base	pXRF20150326	-3	-9	-9	4.510501	-9	0.0309	0.099
D	ESSS020	Eastern Skarn	362211	5383390	30	og-lbn	b	shallow slope rock at base	pXRF20150326	5	-9	-9	2.874422	-9	0.0525	0.0772
D	ESSS021	Eastern Skarn	362203	5383372	60	lbn	b	shallow slope - ridge - smooth clay	pXRF20150326	-4	-9	-9	4.781346	-9	0.0601	0.1015
D	ESSS022	Eastern Skarn	362195	5383354	50	lbn	b	gravelly clay	pXRF20150326	0	-9	-9	2.573785	-9	0.0334	0.1
D	ESSS023	Eastern Skarn	362187	5383335	50	og - rd	b	gravelly clay	pXRF20150326	-11	-9	-9	1.927854	-9	0.0346	0.0906
D	ESSS024	Eastern Skarn	362179	5383317	45	bn	b	smooth clay. Moderate slope	pXRF20150326	-9	-9	-9	2.084007	-9	0.0253	0.0363
D	ESSS025	Eastern Skarn	362171	5383299	60	bn	b	Gravelly + smooth clay	pXRF20150326	6	-9	-9	2.5905	-9	0.0589	0.0583
D	ESSS026	Eastern Skarn	362163	5383281	50	bn	b	loam	pXRF20150326	10	-9	-9	2.730313	-9	0.0305	0.0966
D	ESSS027	Eastern Skarn	362154	5383262	35	lbn	b	Gravelly clay. Rock at base	pXRF20150326	6	-9	-9	2.779829	-9	-9	0.0735
D	ESSS028	Eastern Skarn	362146	5383244	40	lbn	b	Gravelly loam	pXRF20150326	18	-9	-9	4.378223	-9	0.0601	0.1987
D	ESSS029	Eastern Skarn	362138	5383226	40	lbn	b	Gravelly loam. Rocky base	pXRF20150326	-0	-9	-9	3.783746	-9	0.0367	0.1022
D	ESSS030	Eastern Skarn	362130	5383208	10	lbn	b	gully by creek - 2 holes dug to 10 cm	pXRF20150326	6	-9	-9	3.954449	-9	0.0556	0.1077
D	ESSS031	Eastern Skarn	362122	5383189	50	lbn	b	Gps +/- 25m Gravelly Rock at base	pXRF20150326	-14	-9	-9	4.402371	-9	0.053	0.1065
D	ESSS032	Eastern Skarn	362114	5383171	40	dbn	b	GPS +/- 36m	pXRF20150326	-8	-9	-9	2.80168	-9	0.0254	0.089
D	ESSS033	Eastern Skarn	362233	5383075	45	lbn	b	Steep slope GPS +/- 25m Rock at base	pXRF20150326	-13	-9	-9	5.799087	-9	0.0381	0.0987
D	ESSS034	Eastern Skarn	362241	5383093	25	lbn	b	very steep & slippery slop GPS +/- 25m	pXRF20150326	-15	-9	-9	5.51833	-9	0.0489	0.0899
D	ESSS035	Eastern Skarn	362249	5383111	25	lbn	b	GPS +/- 15m steep hill smooth clay	pXRF20150326	29	-9	-9	3.838243	-9	0.0436	0.1149
D	ESSS036	Eastern Skarn	362257	5383130	50	lbn	b	GPS +/- 6m Moderately steep hill	pXRF20150326	18	-9	-9	3.303163	-9	0.0571	0.1276
D	ESSS037	Eastern Skarn	362265	5383148	40	lbn - og	b	moderate slope	pXRF20150326	18	-9	-9	2.761397	-9	0.0673	0.0823
D	ESSS038	Eastern Skarn	362273	5383166	50	lbn	b	clay. Moderate slope	pXRF20150326	-14	-9	-9	4.727272	-9	0.0403	0.1395
D	ESSS039	Eastern Skarn	362281	5383185	10	bn	a	Moderate steep - shallow organic rich	pXRF20150326	-9	-9	-9	3.350622	-9	0.0186	0.2412
D	ESSS040	Eastern Skarn	362289	5383203	10	bn - gy	a	2 holes dug at 10cm - rocky - not much soil	pXRF20150326	-9	-9	-9	4.693953	-9	0.0284	0.1546
D	ESSS041	Eastern Skarn	362297	5383221	10	lbn - gy	b	Rocky - not much soil.. Washed. UM float. 2 x holes dug	pXRF20150326	-9	-9	-9	3.226237	-9	-9	0.3543
D	ESSS042	Eastern Skarn	362305	5383240	10	lbn - gy	b	2 holes dug @ 10 cm - organic rich	pXRF20150326	-9	-9	-9	4.633613	-9	0.0373	0.3625
D	ESSS043	Eastern Skarn	362313	5383258	40	bn - rd	b	Red soil at bottom of hole	pXRF20150326	-3	-9	-9	4.499002	-9	0.0396	0.1456
D	ESSS044	Eastern Skarn	362321	5383276	30	bn	b	Rocky, shallow slope	pXRF20150326	-6	-9	-9	3.106443	-9	0.0523	0.095
D	ESSS045	Eastern Skarn	362329	5383295	50	og-lbn	b	Gravelly	pXRF20150326	-5	-9	-9	3.176587	-9	0.0664	0.141
D	ESSS046	Eastern Skarn	362337	5383313	20	og -bn	b	rocky	pXRF20150326	-4	-9	-9	4.980649	-9	0.0451	0.1219
D	ESSS047	Eastern Skarn	362345	5383331	30	og -bn	b	Clay, rock at base	pXRF20150326	13	-9	-9	3.603781	-9	0.0731	0.0857
D	ESSS048	Eastern Skarn	362353	5383350	40	og -bn	b	Clay, rock at base	pXRF20150326	5	-9	-9	2.866319	-9	0.0687	-9
D	ESSS049	Eastern Skarn	362481	5383274	55	og	b	smooth clay.	pXRF20150326	18	-9	-9	2.602534	-9	0.036	-9
D	ESSS050	Eastern Skarn	362473	5383255	40	ye bn	b		pXRF20150326	9	-9	-9	2.952865	-9	0.0511	0.0943
D	ESSS051	Eastern Skarn	362464	5383237	50	og bn	b	clay	pXRF20150326	4	-9	-9	4.275064	-9	0.0501	0.0866
D	ESSS052	Eastern Skarn	362456	5383219	40	bn	b	rocky	pXRF20150326	-13	-9	-9	4.035734	-9	0.0348	0.0977
D	ESSS053	Eastern Skarn	362448	5383201	25	dbn	b	difficult sample - roots	pXRF20150326	-16	-9	-9	3.271136	-9	0.0459	0.0988
D	ESSS054	Eastern Skarn	362439	5383183	20	ye bn	b		pXRF20150326	-2	-9	-9	2.850718	-9	0.0488	0.127
D	ESSS055	Eastern Skarn	362431	5383165	10	dbn	b	Gravelly mud	pXRF20150326	-14	-9	-9	2.465844	-9	0.0707	0.1361
D	ESSS056	Eastern Skarn	362422	5383146	10	dbn	a	mossy boulder field not much soil, difficult to sample	pXRF20150326	-9	-9	-9	3.650338	-9	0.0596	0.1338
D	ESSS057	Eastern Skarn	362414	5383128	20	bn	b	shallow, fine soil with roots	pXRF20150326	-9	-9	-9	3.7109	-9	0.0483	0.1448
D	ESSS058	Eastern Skarn	362406	5383110	10	dbn	a	2 holes dug at 10 cm - shallow rocky	pXRF20150326	-9	-9	-9	3.565648	-9	0.0511	0.149
D	ESSS059	Eastern Skarn	362397	5383092	80	bn	b	rocky ground	pXRF20150326	-9	-9	-9	3.213439	-9	0.0329	0.1974
D	ESSS060	Eastern Skarn	362389	5383074	10	bn	a	rocky boulder field (mossy) difficult to find soil. 2 holes dug	pXRF20150326	-9	-9	-9	4.030063	-9	0.0322	0.1128
D	ESSS061	Eastern Skarn	362380	5383056	30	bn	b	rocky terrain. Little soil - found some in a crack	pXRF20150326	-9	-9	-9	4.103206	-9	0.0431	0.1687
D	ESSS062	Eastern Skarn	362372	5383038	40	bn	b	mud	pXRF20150326	-7	-9	-9	2.040535	-9	0.0654	0.1357
D	ESSS063	Eastern Skarn	362364	5383019	30	rd bn	b	steep slope	pXRF20150326	-9	-9	-9	3.529881	-9	0.0481	0.115
D	ESSS064	Eastern Skarn	362355	5383001	25	bn	b	steep slope rock at base	pXRF20150326	8	-9	-9	2.769104	-9	0.0589	0.0871
D	ESSS065	Eastern Skarn	362347	5382983	20	bn	b	GPS +/- 25m steep rocky slope	pXRF20150326	-4	-9	-9	3.752819	-9	0.0382	0.1082

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	ESSS066	Eastern Skarn	362338	5382965	20	bn	b	GPS +/- 45m Steep slope - gravelly, washed	pXRF20150326	-9	-9	-9	4.577099	-9	0.0327	0.0704
D	HMS001	Lower Harman	363146	5382958	20	bn	b	Mod slope, rocky, gravelly clay, fine graind ST float	pXRF20150224	1	-9	-9	3.12	-9	0.0386	0.1075
D	HMS002	Lower Harman	363164	5382968	75	bn - og	b	Mod slope. St fine greined float	pXRF20150224	-6	-9	-9	5.78	-9	0.0624	0.0745
D	HMS003	Lower Harman	363181	5382977	20	bn - og	b	Mod slope Rocky	pXRF20150224	-1	-9	-9	4.73	-9	0.0458	0.0557
D	HMS004	Lower Harman	363199	5382987	30	bn - og	b	Shallow slope	pXRF20150224	3	-9	-9	5.43	-9	0.0522	0.082
D	HMS005	Lower Harman	363216	5382997	80	bn - og	b	Mod slope. Smooth soil/clay	pXRF20150224	-3	3.9	-9	6.73	-9	0.0671	0.0762
D	HMS006	Lower Harman	363234	5383006	25	bn - og	b	Shallow slope smooth clay	pXRF20150224	0	-9	-9	6.07	-9	-9	0.1057
D	HMS007	Lower Harman	363251	5383016	40	bn	b	Shallow slope, smooth clay	pXRF20150224	2	-9	-9	4.84	-9	0.0687	0.0998
D	HMS008	Lower Harman	363269	5383026	40	bn	b	Shallow slope minor rocks	pXRF20150224	-3	-9	-9	3.84	-9	0.0387	0.0823
D	HMS009	Lower Harman	363286	5383035	20	bn	b	Mod slope Rocky	pXRF20150224	10	-9	-9	4.67	-9	0.0727	0.0971
D	HMS010	Lower Harman	363304	5383045	70	bn	b	Mod slope smooth clay/soil	pXRF20150224	9	-9	-9	4.34	-9	0.0568	0.0783
D	HMS011	Lower Harman	363321	5383055	15	bn	b	Mod slope	pXRF20150224	0	-9	-9	5.38	-9	0.0608	0.068
D	HMS012	Lower Harman	363339	5383064	50	bn	b	Mod slope clay	pXRF20150224	12	-9	-9	6.21	-9	0.0426	0.1068
D	HMS013	Lower Harman	363356	5383074	40	bn	b	Mod slope smooth clay	pXRF20150224	6	-9	-9	5.25	-9	0.0542	0.0936
D	HMS014	Lower Harman	363374	5383084	50	bn	b	Mod slope smooth clay	pXRF20150224	-7	-9	-9	5.03	-9	0.0541	0.1107
D	HMS015	Lower Harman	363391	5383093	40	bn	b	Mod slope smooth clay	pXRF20150224	5	-9	-9	3.85	-9	0.0283	0.0811
D	HMS016	Lower Harman	363409	5383103	40	bn	b	Mod slope smooth clay	pXRF20150224	11	-9	-9	5.36	-9	0.0358	0.0766
D	HMS017	Lower Harman	363426	5383113	20	bn	b	Mod slope smooth clay	pXRF20150224	39	-9	-9	6.04	-9	0.0441	0.0842
D	HMS018	Lower Harman	363444	5383122	40	bn	b	Mod slope smooth clay	pXRF20150224	-4	-9	-9	4.12	-9	0.057	0.1072
D	HMS019	Lower Harman	363461	5383132	40	bn	b	Shallow slope smooth clay	pXRF20150224	6	-9	-9	4.21	-9	0.0291	0.0797
D	HMS020	Lower Harman	363479	5383142	80	bn - og	b	Mod slope gravels	pXRF20150224	4	-9	-9	6.5	-9	0.0699	-9
D	HMS021	Lower Harman	363496	5383151	20	bn	b	mod slope smooth clay	pXRF20150224	-13	-9	-9	6.49	-9	0.0333	0.0542
D	HMS022	Lower Harman	363514	5383161	10	bn	a-b	Shallow slope smooth clay	pXRF20150224	-9	-9	-9	7.29	-9	0.0374	0.0534
D	HMS023	Lower Harman	363531	5383171	10	bn	b	shallow slope	pXRF20150224	-9	-9	-9	4.1	-9	0.0315	0.0534
D	HMS024	Lower Harman	363549	5383180	20	bn	b	Mod slope above river gravelly	pXRF20150224	-9	-9	-9	7.6	-9	-9	0.0965
D	HMS025	Lower Harman	363566	5383190	50	bn - og	b	On riverbank. Huon pine. Sandy gravel floodplain	pXRF20150224	-1	-9	1.19	6.62	-9	0.0479	0.0656
D	HMS026	Lower Harman	363584	5383200	40	og	b	Steep Slope just up from riverbank. Clay	pXRF20150224	29	-9	1.58	6.35	-9	0.0289	-9
D	HMS027	Lower Harman	363601	5383209	70	dbn	b	Steep slope- organic rich loam	pXRF20150224	4	-9	-9	4.51	-9	0.0456	0.1741
D	HMS028	Lower Harman	363619	5383219	40	og - bn	b	Moderate slope - top of narrow ridgeline with steep sides	pXRF20150224	30	-9	-9	3.11	-9	0.0561	0.1866
D	HMS029	Lower Harman	363636	5383229	60	og	b	moderate slope - sandy clay	pXRF20150224	23	-9	-9	5.28	-9	0.0491	0.0565
D	HMS030	Lower Harman	363654	5383238	50	og	b	moderate slope clay	pXRF20150224	-6	-9	-9	5.95	-9	0.0423	0.0645
D	HMS031	Lower Harman	363671	5383248	40	og - bn	b	Moderate slope Rocky clay	pXRF20150224	-11	-9	-9	5.48	-9	0.0455	0.0537
D	HMS032	Lower Harman	363689	5383258	50	og - bn	b	shallow slope gravel-clay	pXRF20150224	-8	-9	1.55	5.22	-9	0.0432	0.0621
D	HMS033	Lower Harman	363706	5383267	50	og	b	shallow slope ridge crest gravel-clay	pXRF20150224	-7	-9	-9	4.45	-9	0.0304	0.0648
D	HMS034	Lower Harman	363724	5383277	50	og	b	shallow slope ridge crest gravel-clay	pXRF20150224	10	-9	-9	4.54	-9	0.0425	0.0628
D	HMS035	Lower Harman	363741	5383287	30	og	b	steep slope gravel - clay	pXRF20150224	27	-9	-9	3.83	-9	0.0518	0.0866
D	HMS036	Lower Harman	363759	5383296	20	lbn	b	Base of steep slope talus field (overgrown) gravel - sandy clay	pXRF20150224	8	-9	-9	4.43	-9	0.0388	-9
D	HMS037	Lower Harman	363776	5383306	30	og - bn	b	Moderate slope gravel-clay	pXRF20150224	16	-9	-9	3.25	-9	0.0754	-9
D	HMS038	Lower Harman	363794	5383316	25	bk	b	moderate slope clay-organics	pXRF20150224	6	-9	-9	4	-9	0.1101	0.1091
D	HMS039	Lower Harman	363894	5383509	5	bn	a/b	mod slope - rocky sample obtained from 3x holes	pXRF20150224	-9	-9	-9	4.92	-9	0.0597	0.0503
D	HMS040	Lower Harman	363676	5383499	50	bn	b	moderate slope shallow gravel/clay	pXRF20150224	-9	-9	-9	5.8	-9	-9	0.0584
D	HMS041	Lower Harman	363659	5383489	60	og -bn	b	moderate slope clay	pXRF20150225	13	-9	-9	4.33	-9	0.0638	0.0582
D	HMS042	Lower Harman	363641	5383480	20	bn	b	steep slope - rocky	pXRF20150226	8	-9	-9	5.03	-9	0.0374	-9
D	HMS043	Lower Harman	363624	5383470	40	bn	b	steep slope clay-gravel organics	pXRF20150225	9	-9	-9	6.08	-9	0.0349	0.0773
D	HMS044	Lower Harman	363606	5383460	30	bn	b	Moderate slope - edge of ridge crest gravel-clay	pXRF20150225	5	-9	-9	4.79	-9	0.0426	0.0814
D	HMS045	Lower Harman	363589	5383451	50	bn	b	shallow slope - top of ridge gravel-clay	pXRF20150225	3	-9	-9	5.86	-9	0.0334	0.0555
D	HMS046	Lower Harman	363571	5383441	50	bn	b	Moderate slope - clay - gravel at base	pXRF20150225	-2	-9	-9	5.46	-9	0.0471	-9
D	HMS047	Lower Harman	363554	5383431	50	og	b	Moderate slope - clay	pXRF20150225	15	-9	-9	3.82	-9	0.0493	0.1215
D	HMS048	Lower Harman	363536	5383422	60	og - bn	b	Moderate slope - clay	pXRF20150225	5	3.6	-9	4.99	-9	0.0492	0.092
D	HMS049	Lower Harman	363519	5383412	30	og	b	Moderate slope - clay	pXRF20150225	32	-9	-9	3.4	-9	0.0828	-9
D	HMS050	Lower Harman	363501	5383402	20	bn	b	Shallow slope - Rocky clay	pXRF20150225	2	-9	-9	6.47	-9	-9	0.0636
D	HMS051	Lower Harman	363046	5383151	30	bn	b	Moderate Slope. Open bush. Soily + smooth. Rock at base	pXRF20150225	1	-9	-9	3.62	-9	0.0735	0.1044
D	HMS052	Lower Harman	363064	5383161	25	bn	b	Moderate slope. Rocky base. Soily & smooth	pXRF20150225	-0	-9	-9	3.98	-9	0.0485	0.0841
D	HMS053	Lower Harman	363081	5383170	60	bn	b	Moderate slope. Smooth soil/clay	pXRF20150225	13	-9	-9	4.68	-9	0.0867	-9
D	HMS054	Lower Harman	363099	5383180	50	bn	b	Moderate slope. Clay - smooth	pXRF20150225	0	-9	-9	4.8	-9	0.0674	0.0948
D	HMS055	Lower Harman	363116	5383190	40	bn	b	Moderate slope. Smooth soil - minor clay	pXRF20150225	10	-9	-9	5.01	-9	0.0312	0.0991
D	HMS056	Lower Harman	363134	5383199	40	bn	b	Moderate slope. Rocky base. Smooth soil	pXRF20150225	24	-9	-9	3.42	-9	0.0556	0.1068
D	HMS057	Lower Harman	363151	5383209	45	og -bn	b	Moderate slope. Rocky base. Smooth soil	pXRF20150225	7	-9	-9	3.63	-9	0.0717	0.0997
D	HMS058	Lower Harman	363169	5383219	30	og	b	Moderate slope. Rocky base. Smooth soil	pXRF20150225	2	-9	-9	4.38	-9	0.0569	-9
D	HMS059	Lower Harman	363186	5383228	50	og	b	Moderate slope. Rocky base. Smooth soil	pXRF20150225	32	-9	-9	4.02	-9	0.0767	0.1175
D	HMS060	Lower Harman	363204	5383238	60	bn - og	b	moderate slope. Rocky clay	pXRF20150225	-2	-9	-9	2.95	-9	0.0871	0.0816
D	HMS061	Lower Harman	363221	5383248	50	og	b	Shallow slope. Smooth	pXRF20150225	-5	-9	-9	3.61	-9	0.045	0.0956
D	HMS062	Lower Harman	363239	5383257	50	og - bn	b	Moderate slope. Smooth soil	pXRF20150225	-9	-9	-9	3.86	-9	0.0397	0.1202
D	HMS063	Lower Harman	363256	5383267	30	bn	b	Steep slope. dgy fg float. SST? Or xtalline? Gabbro?	pXRF20150225	8	-9	-9	5.05	-9	0.0499	0.0736

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	HMS064	Lower Harman	363274	5383277	30	bn	b	Steep slope. Fg sst weakly laminated. Smooth soil	pXRF20150225	4	-9	-9	4.58	-9	0.0444	0.0836
D	HMS065	Lower Harman	363291	5383286	30	bn	b	Very steep - cliffs	pXRF20150225	-11	-9	-9	4.46	-9	0.056	0.0834
D	HMS066	Lower Harman	363309	5383296	30	bn	b	Steep. Rocky base - smooth soil	pXRF20150225	11	-9	-9	4.68	-9	0.0473	0.0803
D	HMS067	Lower Harman	363326	5383306	60	bn	b	Steep slope. Clay w. rocky base	pXRF20150225	26	-9	-9	4.7	-9	0.0543	0.0762
D	HMS068	Lower Harman	363344	5383315	40	bn	b	Just above river. Steep slope. Fine soil	pXRF20150225	5	-9	1.28	4.27	-9	0.0598	0.0612
D	HMS069	Lower Harman	363379	5383335	40	bn	b	Steep slope above river. Clay, rock at base	pXRF20150225	12	-9	-9	5.04	-9	0.0296	0.1001
D	HMS070	Lower Harman	363396	5383344	15	bn	b	Step slope. Fine soil	pXRF20150225	9	-9	-9	4.79	-9	0.033	0.1036
D	HMS071	Lower Harman	363414	5383354	20	bn	b	Moderate slope. Clay & rocky	pXRF20150225	4	-9	-9	5.65	-9	0.0519	0.0988
D	HMS072	Lower Harman	363431	5383364	20	bn	b	Steep slope. Rocky clay/soil	pXRF20150225	28	-9	-9	4.7	-9	0.0383	0.0972
D	HMS073	Lower Harman	363449	5383373	20	og -bn	b	Steep slope. Rocky + smooth soil	pXRF20150225	16	-9	-9	4.03	-9	0.0575	0.0924
D	HMS074	Lower Harman	363466	5383383	20	rd-bn	b	Moderate slope. Rocky base	pXRF20150225	-3	-9	-9	3.98	-9	0.0537	0.1164
D	HMS075	Lower Harman	363484	5383393	20	og - bn	b	Shallow slope. Rocky base - gravelly	pXRF20150225	-1	-9	-9	4.76	-9	0.0503	0.0698
D	HMS076	Lower Harman	363584	5383685	15	bn	a-b	Moderate slope. Rocky	pXRF20150225	-9	-9	-9	5.31	-9	0.0539	0.0674
D	HMS077	Lower Harman	363567	5383675	15	bn	a-b	Moderate slope. Rocky	pXRF20150225	-8	-9	-9	5.02	-9	0.053	0.0639
D	HMS078	Lower Harman	363549	5383665	20	bn	b	Moderate slope. Smooth clay w. organics	pXRF20150225	-9	3.8	-9	9.13	-9	0.0583	0.0801
D	HMS079	Lower Harman	363532	5383656	15	og-bn	b	Shallow slope	pXRF20150225	-4	-9	-9	4.84	-9	0.0527	0.135
D	HMS080	Lower Harman	363514	5383646	50	og-bn	b	Moderate slope. Clay	pXRF20150225	1	-9	-9	5.49	-9	0.051	0.0676
D	HMS081	Lower Harman	363497	5383636	15	bn	b	Moderate slope. Clay. UM float gy-gn ifg	pXRF20150225	22	-9	-9	2.95	-9	0.0566	0.0873
D	HMS082	Lower Harman	363480	5383626	30	bn	b	Moderate slope. Rocky clay	pXRF20150225	16	-9	-9	3.43	-9	0.0494	0.0879
D	HMS083	Lower Harman	363462	5383616	15	bn	b	Moderate slope. Clay	pXRF20150225	31	-9	-9	3.33	-9	0.0775	0.0909
D	HMS084	Lower Harman	363445	5383607	10	bn	b	Moderate slope. Rocky clay	pXRF20150225	5	-9	-9	4.41	-9	-9	0.1139
D	HMS085	Lower Harman	363427	5383597	30	og-bn	b	Moderate slope. Rocky clay	pXRF20150225	103	-9	-9	2.81	-9	0.0906	0.1092
D	HMS086	Lower Harman	363410	5383587	10	dbn	a-b	Moderate slope. Clay. Rocky organics	pXRF20150225	-9	-9	-9	3.35	-9	0.0492	0.2065
D	HMS087	Lower Harman	363131	5383430	50	bn	b	Steep! Cliff - Clay - minor rocks	pXRF20150225	3	-9	-9	4.35	-9	0.0341	0.0966
D	HMS089	Lower Harman	363166	5383450	10	dbn	b	Steep - rocky clay	pXRF20150225	10	-9	-9	5.81	-9	0.0459	0.0623
D	HMS090	Lower Harman	363183	5383459	30	dbn	b	Steep - rocky clay	pXRF20150225	16	-9	-9	4.93	-9	0.0625	-9
D	HMS091	Lower Harman	363201	5383469	10	dbn	b	Moderate slope - riverbank. Clay	pXRF20150225	-15	-9	-9	4.46	-9	0.0482	0.0573
D	HMS092	Lower Harman	363236	5383489	25	bn	b	Steep slope above river. Clay + organics	pXRF20150225	-3	-9	-9	4.31	-9	0.0419	0.1247
D	HMS093	Lower Harman	363253	5383499	40	bn	b	Steep slope. Rocky base - clay	pXRF20150225	42	-9	-9	4.08	-9	0.0303	0.0857
D	HMS094	Lower Harman	363270	5383508	30	og-bn	b	Moderate slope. Rocky. Clay	pXRF20150225	58	-9	-9	3.98	-9	0.0515	0.0781
D	HMS095	Lower Harman	363288	5383518	5	bn	a-b	Moderate slope. Organics - roots	pXRF20150225	8	-9	-9	3.59	-9	0.0525	0.0777
D	HMS096	Lower Harman	363305	5383528	60	og-bn	b	Steep. Cliffs. Smooth clay	pXRF20150225	44	-9	-9	3.1	-9	0.0473	0.0896
D	HMS097	Lower Harman	363323	5383538	40	bn	b	Moderate slope. Smooth clay	pXRF20150225	20	-9	-9	4.37	-9	0.0373	0.0577
D	HMS098	Lower Harman	363340	5383548	5	bn	a-b	Moderate slope. Smooth clay - rocks at surface	pXRF20150225	1	-9	-9	6.49	-9	-9	0.0708
D	HMS099	Lower Harman	363358	5383558	10	bn	b	Steep slope. Smooth clay. Organics	pXRF20150225	35	-9	-9	4.59	-9	0.0541	0.1204
D	HMS100	Lower Harman	363375	5383567	40	bn	b	Moderate slope. Rocky base - clay	pXRF20150225	18	-9	-9	4.55	-9	0.0705	0.0727
D	HMS101	Lower Harman	363392	5383577	40	rd-bn	a-b	Moderate slope. Clay w. organics	pXRF20150226	0	-9	-9	3.72	-9	0.0417	0.0783
D	HMS102	Lower Harman	363266	5383732	20	og-rd	B	organic rich clay. Moderate slope	pXRF20150226	48	-9	-9	2.28	-9	0.0732	0.0777
D	HMS103	Lower Harman	363301	5383752	10	og	B	moderate slope. Mossy boulders. Rocky clay.	pXRF20150226	70	-9	-9	3.81	-9	0.0821	0.0926
D	HMS104	Lower Harman	363318	5383762	10	og-bn	B	moderate slope. Rocky clay.	pXRF20150226	70	-9	-9	3.69	-9	0.0709	0.0819
D	HMS105	Lower Harman	363336	5383772	20	og	B	shallow slope. Ridge top. Clay.	pXRF20150226	64	-9	-9	3.46	-9	0.0725	0.0912
D	HMS106	Lower Harman	363353	5383782	20	bn	B-A	moderate slope. Just off top of ridge. Rocky	pXRF20150226	-9	-9	-9	6.09	-9	0.055	0.0689
D	HMS107	Lower Harman	363370	5383792	20	bn	B	moderate slope. Mossy boulders. Rocky.	pXRF20150226	7	-9	-9	4.74	-9	0.0273	0.0575
D	HMS108	Lower Harman	363388	5383802	10	bn	B-A	moderate slope. Rocky.	pXRF20150226	-8	-9	-9	4.73	-9	0.0423	0.0494
D	HMS109	Lower Harman	363405	5383812	15	og-bn	B	moderate slope. Rocky.	pXRF20150226	5	-9	-9	4.62	-9	0.0934	0.0623
D	HMS110	Lower Harman	363422	5383822	15	dbn	B	moderate slope. Rocky	pXRF20150226	-9	-9	-9	4.28	-9	0.1015	0.0886
D	HMS111	Lower Harman	363440	5383832	25	bn	B	shallow slope. Rocky	pXRF20150226	-9	-9	-9	3.86	-9	0.0695	0.1469
D	HMS112	Lower Harman	363457	5383842	20	dbn	B	shallow slope. Rocky	pXRF20150226	-9	-9	-9	4.26	-9	0.0394	0.0742
D	HMS113	Lower Harman	363474	5383852	20	bn	B	moderate slope. Gravel at bottom. Rocky base.	pXRF20150226	-9	-9	-9	3.71	-9	0.0474	0.0901
D	HMS114	Lower Harman	363284	5383742	10	og	B	rocky. Moderate slope. Mossy boulders.	pXRF20150226	48	-9	-9	2.42	-9	-9	0.1047
D	HMS115	Lower Harman	363006	5383583	60	bn	B	steep slope. Rocky base. Clay.	pXRF20150226	1	-9	-9	3.44	-9	0.0522	0.1297
D	HMS116	Lower Harman	363023	5383593	50	bn	B	steep slope. Clay.	pXRF20150226	-7	-9	-9	4	-9	0.0429	0.0806
D	HMS117	Lower Harman	363041	5383603	50	bn	B	moderate slope. Rocky base. Clay	pXRF20150226	6	-9	-9	3.85	-9	0.0451	0.075
D	HMS118	Lower Harman	363058	5383613	60	bn	B	steep slope. Gravel base. Clay.	pXRF20150226	5	-9	-9	4.49	-9	0.0569	0.1065
D	HMS119	Lower Harman	363075	5383623	40	bn	B	steep slope. Between forks of small creek. Floodplain?	pXRF20150226	2	-9	1.08	4.39	-9	0.0528	0.0845
D	HMS120	Lower Harman	363093	5383633	20	dbn	B	very steep - top ridge of cliff.	pXRF20150226	-9	-9	-9	5.66	-9	-9	0.2555
D	HMS121	Lower Harman	363127	5383653	20	dbn	B	steep slope. GPS ±18m. Rocky clay.	pXRF20150226	-10	-9	-9	5.1	-9	0.0655	0.0918
D	HMS122	Lower Harman	363145	5383663	15	bn	B	very steep cliffs. GPS±23m. Clay	pXRF20150226	-2	-9	-9	4.99	-9	0.0527	0.1285
D	HMS123	Lower Harman	363162	5383673	40	bn	B	Very steep cliffs. GPS±10m. Clay	pXRF20150226	-6	3.6	-9	3.01	-9	0.0475	0.0834
D	HMS124	Lower Harman	363179	5383683	20	og-rd	B	very steep cliffs. GPS±20m	pXRF20150226	20	-9	1.22	3.09	-9	0.0559	0.0843
D	HMS125	Lower Harman	363197	5383692	40	og	B	steep slope.	pXRF20150226	26	-9	-9	5.16	-9	0.05	0.0726
D	HMS126	Lower Harman	363214	5383702	40	og-bn	B	steep slope.	pXRF20150226	24	-9	-9	5.44	-9	0.0397	0.1219
D	HMS127	Lower Harman	363232	5383712	15	og	B	steep slope. GPS± 13m	pXRF20150226	62	-9	-9	4.11	-9	0.0374	0.0755
D	HMS128	Lower Harman	363249	5383722	30	og-bn	B	Moderate slope. Rocks at base.	pXRF20150226	36	-9	-9	4.14	-9	0.0634	0.102

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	HMS129	Lower Harman	362373	5384114	60	og	B	moderate slope. Clay, minor gravels.	pXRF20150226	-6	-9	-9	5.31	-9	0.0672	0.0895
D	HMS130	Lower Harman	362391	5384123	50	og	B	moderate slope. Open bush. Gravelly clay.	pXRF20150226	-12	-9	-9	4.58	-9	0.0588	0.1474
D	HMS131	Lower Harman	362408	5384133	34	bn	B	moderate slope. Gravelly soil.	pXRF20150226	-9	-9	-9	5.34	-9	0.0584	0.1043
D	HMS132	Lower Harman	362426	5384142	70	og-bn	B-C	moderate slope. Clay. Rocky base.	pXRF20150226	-9	3.3	-9	4.31	-9	0.0584	0.1489
D	HMS133	Lower Harman	362444	5384151	50	og-bn	B	moderate slope. Clay.	pXRF20150226	-9	-9	-9	4.41	-9	0.0527	-9
D	HMS134	Lower Harman	362462	5384160	70	og-bn	B	moderate slope. Smooth clay.	pXRF20150226	-2	-9	-9	5.34	-9	0.0631	0.126
D	HMS135	Lower Harman	362479	5384170	25	bn-og	B	moderate slope. Minor organics. Clay.	pXRF20150226	-9	-9	-9	5.5	-9	0.0427	0.0543
D	HMS136	Lower Harman	362497	5384179	50	bn-og	B	moderate slope. Clay.	pXRF20150226	-13	-9	-9	5.33	-9	0.0337	0.0674
D	HMS137	Lower Harman	362515	5384188	60	bn-og	B	moderate slope. Smooth clay.	pXRF20150226	-9	-9	-9	6.42	-9	0.0572	0.0821
D	HMS138	Lower Harman	362533	5384197	45	bn	B	moderate slope. Rocky base. Gravelly.	pXRF20150226	-9	-9	-9	4.9	-9	0.0516	0.0556
D	HMS139	Lower Harman	362550	5384207	30	bn	B	moderate slope. Rocky.	pXRF20150226	-9	-9	-9	5.59	-9	0.0451	0.1169
D	HMS140	Lower Harman	362568	5384216	40	bn	B	moderate slope. Gravelly clay.	pXRF20150226	-2	-9	-9	4.28	-9	0.0609	0.0793
D	HMS141	Lower Harman	362586	5384225	50	og-bn	B	shallow slope. Gravelly.	pXRF20150226	0	-9	-9	4.68	-9	0.0385	0.0784
D	HMS142	Lower Harman	362603	5384234	40	og	B	moderate slope. Clay. Gravelly.	pXRF20150226	-13	-9	-9	4.68	-9	0.0497	-9
D	HMS143	Lower Harman	362621	5384244	50	og	B	shallow slope. Gravelly.	pXRF20150226	-9	-9	-9	4.41	-9	0.0409	-9
D	HMS144	Lower Harman	362639	5384253	35	bn	B	shallow slope. Gravelly.	pXRF20150226	-9	-9	-9	6.33	-9	0.0506	0.0735
D	HMS145	Lower Harman	362657	5384262	20	bn	B	moderate slope. Rocky base.	pXRF20150226	-9	-9	-9	4.48	-9	0.0498	0.0806
D	HMS146	Lower Harman	362674	5384272	35	bn	B	steep slope. ST outcrop. Rocky base.	pXRF20150226	-4	-9	-9	4.07	-9	0.0441	0.0636
D	HMS147	Lower Harman	362692	5384281	25	rd-bn	B	steep slope. Rocky base.	pXRF20150226	48	-9	-9	4.81	-9	0.0596	0.0823
D	HMS148	Lower Harman	362710	5384290	30	bn	B	steep slope. Rocky bn soil	pXRF20150226	38	-9	-9	3.6	-9	0.0526	0.0805
D	HMS149	Lower Harman	362727	5384299	15	bn	B	steep slope. Rocky base. ?UM outcrop?	pXRF20150226	-5	-9	-9	3.5	-9	0.0486	0.0868
D	HMS150	Lower Harman	362745	5384309	35	bn-og	B	steep slope. Rocky base.	pXRF20150226	153	-9	-9	3.92	-9	0.0535	0.1037
D	HMS151	Lower Harman	362763	5384318	15	bn-rd	B	steep slope. Rocky base.	pXRF20150227	107	-9	-9	2.8	-9	0.0407	0.0776
D	HMS152	Lower Harman	362781	5384327	20	bn	B	steep slope. ?UM outcrop. Rocky base.	pXRF20150227	43	-9	-9	3.21	-9	0.0544	0.1132
D	HMS153	Lower Harman	362798	5384336	20	bn	B	moderate slope. Rocky clay.	pXRF20150227	22	-9	-9	4.1	-9	0.0623	0.0888
D	HMS154	Lower Harman	362816	5384346	20	og-bn	B	shallow slope. Near creek.	pXRF20150227	5	-9	-9	4.04	-9	0.0556	0.108
D	HMS155	Lower Harman	362834	5384355	20	og-bn	B	rocky base. Shallow slope.	pXRF20150227	14	-9	-9	3.83	-9	0.0437	0.097
D	HMS156	Lower Harman	362852	5384364	60	og	B	shallow slope. Open bush. Clay.	pXRF20150227	14	-9	-9	4.02	-9	0.0579	0.1049
D	HMS157	Lower Harman	362869	5384373	60	og	B	shallow slope. Gravelly clay. Rocky base.	pXRF20150227	5	-9	-9	3.38	-9	0.037	0.0805
D	HMS158	Lower Harman	362887	5384383	20	og-bn	B	other side of creek. Rocky base.	pXRF20150227	-2	-9	-9	2.95	-9	0.0361	0.0832
D	HMS159	Lower Harman	362905	5384392	40	og-bn	B	shallow slope. Minor rocky clay.	pXRF20150227	-9	-9	-9	5.63	-9	0.0356	0.1166
D	HMS160	Lower Harman	362922	5384401	35	bn	B	shallow slope. Rocky, gravelly.	pXRF20150227	4	-9	-9	3.99	-9	0.0455	0.125
D	HMS161	Lower Harman	362940	5384411	20	bn	B	moderate slope. Rocky clay.	pXRF20150227	-1	-9	-9	3.88	-9	0.0509	0.0662
D	HMS162	Lower Harman	362958	5384420	60	bn-og	B	moderate slope. Rocky clay.	pXRF20150227	-4	-9	-9	5.23	-9	0.0352	-9
D	HMS163	Lower Harman	362976	5384429	25	bn	B	flat ground. Organics. Rocky.	pXRF20150227	1	-9	-9	4.52	-9	0.0454	0.1799
D	HMS164	Lower Harman	362993	5384438	60	og-rd	B	shallow slope. Smooth clay.	pXRF20150227	22	-9	-9	3.32	-9	0.0888	0.09
D	HMS179	Lower Harman	362854	5384008	90	og-bn	B	moderate slope. Open bush. Rocky clay.	pXRF20150227	-9	-9	-9	3.9	-9	0.0521	0.0961
D	HMS180	Lower Harman	362872	5384018	50	og-bn	B	moderate slope. Streaky clay. Smooth.	pXRF20150227	-4	-9	-9	3.56	-9	0.0682	0.0921
D	HMS181	Lower Harman	362889	5384027	40	og-bn	B	moderate slope. Rocky base. Gravelly clay.	pXRF20150227	1	-9	-9	4.82	-9	0.0421	0.0836
D	HMS182	Lower Harman	362907	5384037	40	bn	B	moderate slope. Gravelly soil.	pXRF20150227	-1	-9	-9	4.94	-9	0.0711	0.0987
D	HMS183	Lower Harman	362925	5384046	45	og-bn	B	moderate slope. Soil and gravel.	pXRF20150227	5	-9	-9	5.11	-9	0.0842	0.0588
D	HMS184	Lower Harman	362942	5384055	25	bn	B	moderate slope. Rocky base.	pXRF20150227	5	-9	-9	5.09	-9	0.0545	0.0662
D	HMS185	Lower Harman	362960	5384065	15	bn	B	moderate slope. Rocky soil.	pXRF20150227	2	-9	-9	4.31	-9	0.0628	0.1183
D	HMS186	Lower Harman	362977	5384074	60	bn	B	moderate slope. Gravelly clay.	pXRF20150227	9	-9	-9	4.68	-9	0.044	0.0739
D	HMS187	Lower Harman	362995	5384084	45	og	B	gravelly. Moderate slope. Soil.	pXRF20150227	91	-9	-9	3.64	-9	0.1218	0.135
D	HMS205	Lower Harman	362908	5383803	30	og	B	moderate slope. Rocky base. Fine soil.	pXRF20150302	-14	-9	-9	5.17	-9	0.0433	0.1037
D	HMS206	Lower Harman	362925	5383812	60	og-bn	C	moderate slope. Gravelly clay.	pXRF20150302	7	-9	-9	3.77	-9	0.0631	0.0569
D	HMS207	Lower Harman	362943	5383822	30	bn-og	B	moderate slope. Rocky base. Gravelly soil.	pXRF20150302	-9	-9	-9	4.3	-9	0.0504	0.0707
D	HMS208	Lower Harman	362960	5383832	20	og-bn	B	moderate soil. Outcrop of gn-gy rock similar to WDHM005+6	pXRF20150304	11	-9	-9	3.856696	-9	-9	0.0975
D	HMS209	Lower Harman	362978	5383841	60	og	B	moderate slope. Smooth clay.	pXRF20150302	4	-9	-9	4.83	-9	0.0546	-9
D	HMS210	Lower Harman	362996	5383851	15	bn	B	moderate slope. Site in tree bowl. rocky base. Fine soil.	pXRF20150302	-8	-9	-9	4.89	-9	0.0311	-9
D	HMS211	Lower Harman	363013	5383860	20	bn	B	moderate slope. Fine soil.	pXRF20150302	-7	-9	-9	6.47	-9	0.0398	0.0579
D	HMS212	Lower Harman	363031	5383870	60	og-bn	B	moderate slope. Rocky base. Clay smooth.	pXRF20150302	-9	-9	-9	5.41	-9	0.0438	0.0692
D	HMS213	Lower Harman	363048	5383879	40	og-bn-rd	B	moderate slope. Gravelly clay.	pXRF20150302	-7	-9	-9	5.48	-9	0.05	0.0685
D	HMS214	Lower Harman	363066	5383889	20	og	B	steep slope. Gravelly clay. Above river.	pXRF20150302	43	-9	-9	3.06	-9	0.0513	-9
D	HMS215	Lower Harman	363083	5383899	15	bn	B	moderate slope. Rocky. Fine soil, organics.	pXRF20150302	-9	-9	-9	4.52	-9	0.0333	0.2074
D	HMS216	Lower Harman	363101	5383908	15	bn-og	B	moderate slope. Above Harman Falls. Gravelly.	pXRF20150302	9	-9	-9	3.49	-9	0.0427	0.1094
D	HMS217	Lower Harman	363118	5383918	40	bn	B	on riverbank. Rocky. Not much soil.	pXRF20150302	3	-9	-9	4.2	-9	0.0575	0.0834
D	HMS218	Lower Harman	363136	5383927	30	bn	B	other side of river. Rocky base. Fine soil.	pXRF20150302	13	-9	-9	2.5	-9	0.064	0.0931
D	HMS219	Lower Harman	363154	5383937	10	bn	A	steep slope. Fine soil. Gy-gn float. Crystalline - same as WDHM005	pXRF20150302	-9	-9	-9	2.65	-9	0.0511	0.1016
D	HMS220	Lower Harman	363171	5383946	60	og-bn	B	steep slope. Gravelly.	pXRF20150302	28	3.8	-9	2.89	-9	0.0626	0.0634
D	HMS221	Lower Harman	363189	5383956	40	og-bn	B	moderate slope. Open bush. Fine soil.	pXRF20150302	18	-9	-9	4.01	-9	0.0451	0.1549
D	HMS222	Lower Harman	363206	5383966	30	og	B	moderate slope. Fine soil.	pXRF20150302	91	4.9	-9	2.64	-9	0.0867	0.0897
D	HMS223	Lower Harman	363224	5383975	50	og	B	moderate slope. Gravelly clay-soil	pXRF20150302	120	-9	-9	1.85	-9	0.0974	-9

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	HMS224	Lower Harman	363241	5383985	15	og	B	moderate slope. Fine soil.	pXRF20150302	-9	-9	-9	3.67	-9	0.0819	0.1067
D	HMS225	Lower Harman	363259	5383994	25	bn	B	just off top of ridge. Fine soil. Rocky base.	pXRF20150302	-9	-9	-9	4.87	-9	-9	0.0755
D	HMS231	Lower Harman	362890	5383793	30	bn	B	steep slope. Rocky. Fine soil/clay.	pXRF20150302	-9	-9	-9	3.97	-9	0.031	0.0417
D	HMS232	Lower Harman	362873	5383784	40	lbn	B	steep slope. Fine soil. Organics.	pXRF20150302	2	-9	-9	2.72	-9	0.0436	0.0716
D	HMS233	Lower Harman	362855	5383774	60	bn	B	steep slope. Thick bush. Smooth clay.	pXRF20150302	4	-9	-9	2.92	-9	0.0391	0.0527
D	HMS234	Lower Harman	362837	5383765	50	bn	B	steep slope. Rocky clay. Above creek.	pXRF20150302	25	-9	-9	2.67	-9	0.0574	0.0806
D	HMS235	Lower Harman	362820	5383755	30	bn	B	steep slope. Rocky. Above creek.	pXRF20150302	-5	-9	-9	4.13	-9	-9	0.0746
D	HMS236	Lower Harman	362802	5383745	30	bn	B	moderate slope. Rocky soil.	pXRF20150302	-9	-9	-9	5.09	-9	0.0423	0.1019
D	HMS237	Lower Harman	362785	5383736	30	bn	B	steep slope. Rocky soil.	pXRF20150302	-8	-9	-9	5.21	-9	0.0373	0.0982
D	HMS238	Lower Harman	362767	5383726	40	bn	B	steep slope. Rocky base.	pXRF20150302	-10	-9	-9	4.38	-9	0.0502	0.1077
D	HMS239	Lower Harman	362750	5383717	70	bn	B	steep slope. Rocky soil.	pXRF20150302	-9	-9	-9	2.86	-9	0.0487	0.0691
D	HMS240	Lower Harman	362732	5383707	20	bn	B	steep slope. Rocky and organics.	pXRF20150302	-9	-9	-9	4.52	-9	0.0501	0.0721
D	HMS241	Lower Harman	362715	5383698	30	bn	B	steep slope. Rocky base. Fine soil.	pXRF20150302	-8	-9	-9	5.27	-9	0.0537	0.0627
D	HMS242	Lower Harman	362697	5383688	20	bn	B	steep slope. Rocky soil	pXRF20150302	-8	-9	1.14	5.65	-9	0.0697	0.0669
D	HMS243	Lower Harman	362572	5383857	40	bn	B	steep slope. Gravelly soil.	pXRF20150302	-9	-9	-9	4.87	-9	0.0654	0.0727
D	HMS244	Lower Harman	362590	5383866	50	og-bn	B	moderate slope. Gravelly soil.	pXRF20150302	-8	-9	-9	5.24	-9	0.0443	0.1047
D	HMS245	Lower Harman	362607	5383876	30	bn	B	moderate slope. Rocky base.	pXRF20150302	-11	-9	-9	3.46	-9	0.0578	0.0994
D	HMS246	Lower Harman	362625	5383885	15	bn	B	steep slope. Rocky base. Fine soil.	pXRF20150302	-9	-9	-9	4.45	-9	0.0533	0.116
D	HMS247	Lower Harman	362643	5383895	30	bn	B	moderate slope. Fine soil. Rocky base.	pXRF20150302	-0	-9	-9	5.14	-9	0.0299	0.1067
D	HMS248	Lower Harman	362660	5383904	50	bn	B	moderate slope. Fine soil.	pXRF20150302	-6	-9	-9	5.46	-9	0.0464	0.1332
D	HMS249	Lower Harman	362678	5383914	50	bn	B	steep slope. Gravelly soil.	pXRF20150302	-13	-9	-9	5.07	-9	-9	0.0679
D	HMS250	Lower Harman	362695	5383923	45	bn	B	v steep cliffs. Rocky clay.	pXRF20150302	-2	-9	-9	7.04	-9	0.0462	0.0765
D	HMS251	Lower Harman	362713	5383933	30	bn	B	steep slope above creek. Rocky soil	pXRF20150302	1	-9	-9	3.48	-9	0.07	0.11
D	HMS252	Lower Harman	362731	5383942	40	bn	B	steep slope. Rocky base.	pXRF20150302	12	-9	-9	2.22	-9	0.0718	-9
D	HMS253	Lower Harman	362748	5383951	40	bn	B	v steep cliffs. Gravelly soil.	pXRF20150302	-9	-9	-9	3.44	-9	0.0274	0.0917
D	HMS254	Lower Harman	362766	5383961	40	bn	B	moderate slope. Fine soil.	pXRF20150302	-9	-9	-9	5.1	-9	0.0744	0.1124
D	HMS255	Lower Harman	362784	5383970	20	bn	B	moderate slope. Rocky base. Minor organics.	pXRF20150302	-7	-9	-9	3.6	-9	0.0508	0.1237
D	HMS256	Lower Harman	362801	5383980	40	og	B	moderate slope. Near top of ridge. Fine soil.	pXRF20150302	-10	-9	-9	5.92	-9	0.081	0.1684
D	HMS257	Lower Harman	362819	5383989	50	bn	B	moderate slope. Rocky and fine soil.	pXRF20150302	-10	-9	-9	5.03	-9	0.0539	0.0923
D	HMS258	Lower Harman	362836	5383999	40	og-bn	B	moderate slope. Gravelly clay.	pXRF20150302	-6	-9	-9	6.45	-9	0.0475	0.0867
D	SBSS001	Stanley Bridge	357307	5381355	80	bk	B	rocky and gravelly	pXRF20150114	-9	-9	-9	19.537	-9	-9	-9
D	SBSS002	Stanley Bridge	357324	5381366	30	gy	B		pXRF20150114	-9	-9	-9	15.909	-9	-9	-9
D	SBSS003	Stanley Bridge	357341	5381378	30	gy	B		pXRF20150114	-9	-9	-9	13.913	-9	-9	-9
D	SBSS004	Stanley Bridge	357358	5381389	30	gy	B		pXRF20150114	-9	-9	-9	16.24	-9	-9	-9
D	SBSS005	Stanley Bridge	357374	5381401	80	dbn	B	high organics.	pXRF20150114	-9	-9	-9	10.962	-9	0.0171	-9
D	SBSS006	Stanley Bridge	357391	5381412	80	gy	B	swamp	pXRF20150114	-9	-9	-9	18.2	-9	-9	-9
D	SBSS007	Stanley Bridge	357408	5381424	80	gy	B	swamp. Gravelly clay.	pXRF20150114	-9	-9	1.204	17.632	-9	-9	-9
D	SBSS008	Stanley Bridge	357424	5381435	70	gy	B	clay	pXRF20150114	-9	-9	-9	15.68	-9	-9	-9
D	SBSS009	Stanley Bridge	357441	5381447	80	dgy	B	loam	pXRF20150114	-9	-9	-9	16.02	-9	-9	-9
D	SBSS010	Stanley Bridge	357458	5381458	60	dgy	C	gravelly clay.	pXRF20150114	-9	-9	-9	17.89	-9	-9	-9
D	SBSS011	Stanley Bridge	357475	5381470	60	dbn	B	swamp	pXRF20150114	-9	-9	-9	12.894	-9	-9	-9
D	SBSS012	Stanley Bridge	357494	5381105	40	gy-bn	B	rocky. Gravelly.	pXRF20150114	-9	-9	1.246	17.126	-9	-9	-9
D	SBSS013	Stanley Bridge	357510	5381117	25	gy	B	rocky and gravelly	pXRF20150114	-9	-9	-9	16.608	-9	-9	-9
D	SBSS014	Stanley Bridge	357526	5381129	40	gy	B	rocky and gravelly	pXRF20150114	-9	-9	-9	11.423	-9	-9	-9
D	SBSS015	Stanley Bridge	357542	5381141	30	gy	B	gravelly. Shallow slope.	pXRF20150114	-9	-9	-9	17.111	-9	-9	0.0185
D	SBSS016	Stanley Bridge	357559	5381153	70	gy-bn	B	flat ground. Gravelly	pXRF20150114	-9	-9	-9	16.814	-9	-9	-9
D	SBSS017	Stanley Bridge	357575	5381165	40	dgy	B	beside river. Above floodplain. Gravelly.	pXRF20150114	-9	-9	1.34	12.469	-9	-9	-9
D	SBSS018	Stanley Bridge	357591	5381177	70	og-bn	B	other side of river. Smooth sandy clay	pXRF20150114	-9	-9	-9	11.342	-9	-9	-9
D	SBSS019	Stanley Bridge	357607	5381189	80	bn-og	B	flat ground.	pXRF20150114	-9	-9	1.373	10.992	-9	-9	-9
D	SBSS020	Stanley Bridge	357624	5381200	60	bn	B	boggy ground. Sandy clay	pXRF20150114	-9	-9	-9	13.826	-9	-9	-9
D	SBSS021	Stanley Bridge	357640	5381212	20	gy	B	flat ground. Gravelly	pXRF20150114	-9	-9	1.294	12.723	-9	-9	-9
D	SBSS022	Stanley Bridge	357656	5381224	20	gy	B	flat. Thick bush. Gravelly.	pXRF20150114	-9	-9	-9	18.147	-9	-9	0.025
D	SBSS023	Stanley Bridge	357672	5381236	10	dgy	B	thick bush. Shallow slope. Rocky.	pXRF20150114	-9	-9	-9	17.917	-9	-9	0.0523
D	SBSS024	Stanley Bridge	357554	5381018	50	og-bn	B	clay. Organics. River flood plain	pXRF20150114	-9	-9	1.762	12.743	-9	-9	-9
D	SBSS025	Stanley Bridge	357571	5381029	70	dbn	B	clay. River floodplain	pXRF20150114	-9	-9	1.362	10.048	-9	-9	0.0376
D	SBSS026	Stanley Bridge	357587	5381041	40	gy-bn	B	gravel. River floodplain	pXRF20150114	-9	-9	-9	11.678	-9	-9	0.0245
D	SBSS027	Stanley Bridge	357604	5381053	30	bn-gy	B	gravelly. River floodplain	pXRF20150114	-9	-9	-9	11.802	-9	0.0156	0.0396
D	SBSS028	Stanley Bridge	357620	5381064	50	dbn	B	gravelly. River floodplain	pXRF20150114	-9	-9	2.502	15.208	-9	-9	0.0995
D	SBSS029	Stanley Bridge	357637	5381076	60	dbn	B	gravelly. River floodplain	pXRF20150114	-9	-9	-9	17.804	-9	-9	0.0388
D	SBSS030	Stanley Bridge	357654	5381087	50	lgy	B	gravel. Sand	pXRF20150114	-9	-9	-9	12.621	-9	-9	0.0426
D	SBSS031	Stanley Bridge	357670	5381099	70	bn	B	sandy clay.	pXRF20150304	-9	-9	-9	15.99084	-9	-9	0.05
D	SBSS032	Stanley Bridge	357687	5381110	60	gy-og-bn	B	smooth clay.	pXRF20150114	-9	-9	-9	12.734	-9	0.0169	0.0267
D	SBSS033	Stanley Bridge	357703	5381122	60	og-bn	B	clay	pXRF20150114	-9	-9	2.206	9.247	-9	-9	-9
D	SBSS034	Stanley Bridge	357720	5381133	40	gy	B	edge of river bank	pXRF20150114	-9	-9	-9	12.825	-9	-9	-9

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	SBSS035	Stanley Bridge	357737	5381145	80	og-bn	B	sand. Flood plain?	pXRF20150114	-9	-9	-9	17.651	-9	-9	-9
D	SBSS036	Stanley Bridge	357673	5380837	35	bn-gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	15.383	-9	-9	-9
D	SBSS037	Stanley Bridge	357689	5380849	25	bn-gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	1.31	13.392	-9	-9	-9
D	SBSS038	Stanley Bridge	357706	5380861	50	bn-gy	b	Moderate slope - gravelly	pXRF20150114	-9	-9	0.928	19.382	-9	-9	-9
D	SBSS039	Stanley Bridge	357722	5380872	60	bn-gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	18.319	-9	-9	-9
D	SBSS040	Stanley Bridge	357738	5380884	50	bn-gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	1.615	15.341	-9	-9	-9
D	SBSS041	Stanley Bridge	357755	5380895	50	bn-gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	16.032	-9	-9	0.0222
D	SBSS042	Stanley Bridge	357771	5380907	40	gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	14.886	-9	-9	-9
D	SBSS043	Stanley Bridge	357788	5380919	50	gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	16.513	-9	-9	-9
D	SBSS044	Stanley Bridge	357804	5380931	50	gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	1.733	14.475	-9	-9	-9
D	SBSS045	Stanley Bridge	357821	5380942	55	gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	-9	15.082	-9	-9	-9
D	SBSS046	Stanley Bridge	357837	5380954	30	gy	b	Moderate slope - gravelly	pXRF20150114	-9	-9	1.217	17.329	-9	-9	-9
D	SBSS047	Stanley Bridge	357854	5380965	30	gy	b	Shallow slope - sandy	pXRF20150114	-9	-9	-9	16.437	-9	0.0123	0.0443
D	SBSS048	Stanley Bridge	357870	5380977	10	dbn-gy	b	Shallow slope - Gravelly clay	pXRF20150122	-9	-9	-9	17.444	-9	-9	0.0468
D	SBSS049	Stanley Bridge	357848	5380700	40	gy	b	Shallow slope - Gravelly	pXRF20150114	-9	-9	1.72	16.644	-9	-9	-9
D	SBSS050	Stanley Bridge	357865	5380712	50	gy	b	Shallow slope - top of ridge - gravelly clay	pXRF20150114	-9	-9	-9	16.676	-9	-9	-9
D	SBSS051	Stanley Bridge	357881	5380724	40	gy-bn	b	Top of ridge - gravelly	pXRF20150114	-9	-9	-9	15.731	-9	-9	-9
D	SBSS052	Stanley Bridge	357897	5380736	20	gy	b	Onna Fm float - gy-wt qzSST - gravelly	pXRF20150114	-9	-9	1.603	14.437	-9	-9	-9
D	SBSS053	Stanley Bridge	357913	5380748	30	gy	b	Moderate slope - gravelly	pXRF20150114	-9	-9	1.83	11.185	-9	0.0135	-9
D	SBSS054	Stanley Bridge	357929	5380760	40	gy	b	Moderate slope - gravelly	pXRF20150114	-9	-9	1.312	17.567	-9	-9	0.0188
D	SBSS055	Stanley Bridge	357945	5380772	30	gy	b	Shallow slope - rocky	pXRF20150114	-9	-9	-9	13.112	-9	-9	-9
D	SBSS056	Stanley Bridge	357962	5380784	40	bn	b	Side of small creek - Gravelly	pXRF20150114	-9	-9	1.236	14.005	-9	0.0131	0.0342
D	SBSS057	Stanley Bridge	357978	5380796	60	bn	b	Side of creek bank - rocky	pXRF20150114	-9	-9	-9	15.855	-9	0.012	0.0429
D	SBSS058	Stanley Bridge	357994	5380808	30	gy	b	Gravelly	pXRF20150118	-9	-9	-9	14.543	-9	-9	0.0292
D	SBSS059	Stanley Bridge	358010	5380820	30	gy	b	Thick 2nd growth eucalypt stand	pXRF20150118	-9	-9	1.632	11.411	-9	-9	-9
D	SBSS060	Stanley Bridge	357922	5380634	50	gy	b	Moderate slope - gravelly	pXRF20150118	-9	-9	-999	-999	-9	-9	0.0217
D	SBSS061	Stanley Bridge	357938	5380646	50	og-gy	b	Moderate slope - Teatree grove by small drainage	pXRF20150118	-9	-9	1.605	10.739	-9	0.0219	0.0291
D	SBSS062	Stanley Bridge	357954	5380657	50	gy	b	Moderate slope - teatree grove (eucalypt) - gravelly clay	pXRF20150118	-9	-9	1.458	9.478	-9	-9	-9
D	SBSS063	Stanley Bridge	357970	5380669	60	gy	b	Moderate slope - edge of eucalypt/Teatree grove	pXRF20150118	-9	-9	1.806	10.515	-9	-9	-9
D	SBSS064	Stanley Bridge	357987	5380681	30	gy	b	Shallow slope - gravelly	pXRF20150118	-9	-9	2.229	10.178	-9	-9	-9
D	SBSS065	Stanley Bridge	358003	5380693	30	gy	b	Shallow slope - gravelly	pXRF20150118	-9	-9	-9	11.303	-9	-9	-9
D	SBSS066	Stanley Bridge	358019	5380705	40	gy	b	Flat -gravelly - soft clay	pXRF20150118	-9	-9	2.327	11.795	-9	-9	-9
D	SBSS067	Stanley Bridge	358035	5380717	50	gy - yellow	b	Beside HV Transmission line tower	pXRF20150118	-9	-9	1.947	8.826	-9	-9	-9
D	SBSS068	Stanley Bridge	358052	5380728	40	bn - gy	b	Baura gully - very thick - gravelly	pXRF20150118	-9	-9	-9	9.231	-9	-9	-9
D	SBSS069	Stanley Bridge	358068	5380740	30	gy	b	Baura thick - gravelly	pXRF20150118	-9	-9	-9	11.506	-9	-9	-9
D	SBSS070	Stanley Bridge	358084	5380752	40	gy	b	Moderate slope - sandy	pXRF20150118	-9	-9	-9	14.703	-9	-9	-9
D	SBSS071	Stanley Bridge	358105	5380393	40	bn	b	Shallow slope - gravelly	pXRF20150118	-9	-9	-9	14.382	-9	-9	-9
D	SBSS072	Stanley Bridge	358122	5380404	50	dbn - bk	b	Flat - gravelly	pXRF20150118	-9	-9	-9	13.102	-9	-9	-9
D	SBSS073	Stanley Bridge	358139	5380416	50	bn - bk	b	Flat - gravel base	pXRF20150118	-9	-9	-9	13.298	-9	-9	-9
D	SBSS074	Stanley Bridge	358155	5380427	50	gy - bn	b	Flat - wet oranic rich	pXRF20150118	-9	-9	-9	16.372	-9	-9	0.0171
D	SBSS075	Stanley Bridge	358172	5380439	20	bn	b	Swampy - gravelly	pXRF20150118	-9	-9	-9	20.051	-9	-9	-9
D	SBSS076	Stanley Bridge	358188	5380450	50	dbn	b	Flat - gravelly	pXRF20150118	-9	-9	-9	16.471	-9	-9	-9
D	SBSS077	Stanley Bridge	358205	5380462	50	dbn - gy	b	flat - gravelly / rocky base	pXRF20150118	-9	-9	-9	14.406	-9	-9	-9
D	SBSS078	Stanley Bridge	358221	5380473	50	bn	b	Flat - muddy	pXRF20150118	-9	-9	-9	14.923	-9	-9	-9
D	SBSS079	Stanley Bridge	358238	5380485	30	bn	b	Swampy floodway. Wet mud	pXRF20150118	-9	-9	-9	15.725	-9	-9	-9
D	SBSS080	Stanley Bridge	358184	5380280	10	bn	b / a	shallow slope - Oonah fm, Qz mudstone Float - shallow sample	pXRF20150118	-9	-9	-9	13.363	-9	0.0108	-9
D	SBSS081	Stanley Bridge	358199	5380293	30	bn	b	Shallow slope - Oonah fm float	pXRF20150118	-9	-9	-9	15.489	-9	0.0117	0.0312
D	SBSS082	Stanley Bridge	358214	5380306	20	bn	b	Shallow slope - gravelly - rocky base	pXRF20150118	-9	-9	-9	16.866	-9	-9	-9
D	SBSS083	Stanley Bridge	358229	5380319	20	gy	b	Shallow slope - gravelly	pXRF20150118	-9	-9	-9	16.507	-9	-9	-9
D	SBSS084	Stanley Bridge	358244	5380332	30	dbn	b	Shallow slope - rocky base - clay	pXRF20150118	-9	-9	-9	14.617	-9	-9	-9
D	SBSS085	Stanley Bridge	358259	5380345	40	dbn	b	Medium slope - edge of eucalypt grove - gravelly base	pXRF20150118	-9	-9	-9	17.507	-9	-9	-9
D	SBSS086	Stanley Bridge	358274	5380357	40	gy	b	Eucalypt grove - Flat - gravelly clay	pXRF20150118	-9	-9	-9	16.559	-9	-9	0.0328
D	SBSS087	Stanley Bridge	358290	5380370	40	gy	b	Eucalypt grove - Flat - gravelly	pXRF20150219	-9	-9	-9	14.30567	-9	-9	0.0334
D	SBSS088	Stanley Bridge	358305	5380383	40	gy	b	Eucalypt grove - Flat - gravelly clay	pXRF20150118	-9	-9	-9	16.301	-9	-9	0.0201
D	SBSS089	Stanley Bridge	358320	5380396	40	dbn	b	Side of small creek - Gravelly	pXRF20150118	-9	-9	-9	13.519	-9	-9	-9
D	SBSS090	Stanley Bridge	358335	5380409	40	gy - bn	b	Edge of Eucalypt grove - gravelly	pXRF20150118	-9	-9	-9	18.034	-9	-9	-9
D	SBSS091	Stanley Bridge	358267	5380187	30	bn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	13.379	-9	-9	-9
D	SBSS092	Stanley Bridge	358282	5380200	30	bn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	12.719	-9	-9	0.0225
D	SBSS093	Stanley Bridge	358297	5380214	40	bn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	12.528	-9	-9	-9
D	SBSS094	Stanley Bridge	358312	5380228	40	bn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	13.504	-9	-9	-9
D	SBSS095	Stanley Bridge	358327	5380242	50	dbn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	14.935	-9	-9	-9
D	SBSS096	Stanley Bridge	358341	5380255	40	gy - bn	b	Shallow Slope - Gravelly	pXRF20150118	-9	-9	-9	12.056	-9	-9	-9
D	SBSS097	Stanley Bridge	358357	5380269	40	bn	b	Shallow / flat slope - gravelly	pXRF20150118	-9	-9	-9	17.491	-9	-9	-9
D	SBSS098	Stanley Bridge	358371	5380283	30	bn	b	Shallow / flat slope - gravelly	pXRF20150118	-9	-9	-9	15.743	-9	-9	-9

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	SBSS099	Stanley Bridge	358386	5380297	30	gy	b	Shallow / flat slope - gravelly Organics	pXRF20150118	-9	-9	-9	15.759	-9	-9	-9
D	SBSS100	Stanley Bridge	358401	5380310	60	bn	b	Beside small creek - gravelly	pXRF20150118	-9	-9	-9	16.46	-9	0.0113	-9
D	SBSS101	Stanley Bridge	358416	5380324	30	gy - bn	b	Shallow / flat - gravelly	pXRF20150122	-9	-9	-9	14.969	-9	-9	-9
D	SBSS102	Stanley Bridge	358431	5380338	40	bn	b	Flat - gravelly	pXRF20150122	-9	-9	-9	13.987	-9	-9	0.02
D	SBSS103	Stanley Bridge	358379	5380117	20	bn	b	Shallow slope - gravelly	pXRF20150122	-9	-9	-9	14.894	-9	-9	-9
D	SBSS104	Stanley Bridge	358393	5380131	20	bn	b	Shallow slope - gravelly	pXRF20150122	-9	-9	-9	17.15	-9	-9	-9
D	SBSS105	Stanley Bridge	358407	5380146	30	bn	b	Shallow slope - top of ridge - rocky gravel	pXRF20150122	-9	-9	-9	15.813	-9	-9	-9
D	SBSS106	Stanley Bridge	358422	5380160	30	gy - bn	b	Moderate slope - rocky - gravelly	pXRF20150122	-9	-9	0.964	15.39	-9	-9	-9
D	SBSS107	Stanley Bridge	358436	5380175	40	gy - bn	b	Shallow slope - gravelly - gravel at base	pXRF20150122	-9	-9	-9	15.483	-9	0.0115	-9
D	SBSS108	Stanley Bridge	358450	5380189	35	gy	b	Shallow slope - rocky base - gravelly	pXRF20150122	-9	-9	-9	19.615	-9	-9	-9
D	SBSS109	Stanley Bridge	358464	5380203	30	bn	b	Flat - small creek nearby - gravelly mud - rock at base	pXRF20150122	-9	-9	-9	15.199	-9	-9	-9
D	SBSS110	Stanley Bridge	358478	5380218	45	og-bn-gy	c	Shallow slope - clay	pXRF20150122	-9	-9	1.987	7.731	-9	-9	-9
D	SBSS111	Stanley Bridge	358492	5380232	20	gy - bn	b / a	Shallow slope - shallow sample - gravelly rocky base	pXRF20150122	-9	-9	-9	14.031	-9	-9	-9
D	SBSS112	Stanley Bridge	358507	5380247	20	gy - bn	b / a	Shallow slope - shallow sample - gravelly rocky base	pXRF20150123	-9	-9	-9	12.441	-9	-9	-9
D	SBSS113	Stanley Bridge	358521	5380261	30	bn	b	Shallow slope - rocky base - clay / gravel	pXRF20150123	-9	-9	-9	16.873	-9	-9	-9
D	SBSS114	Stanley Bridge	357770	5381454	40	gy	b		pXRF20150123	-9	-9	1.486	19.362	-9	-9	-9
D	SBSS115	Stanley Bridge	357787	5381466	40	gy	b	Gravelly	pXRF20150123	-9	-9	1.103	15.124	-9	-9	0.0252
D	SBSS116	Stanley Bridge	357804	5381479	50	gy	b	Gravelly	pXRF20150123	-9	-9	-9	12.263	-9	-9	-9
D	SBSS117	Stanley Bridge	357821	5381491	50	gy	b/c	clay	pXRF20150123	-9	-9	1.355	15.428	-9	-9	-9
D	SBSS118	Stanley Bridge	357838	5381503	40	gy	c	gravel	pXRF20150123	-9	-9	-9	15.365	-9	-9	-9
D	SBSS119	Stanley Bridge	357855	5381516	20	gy	b/c		pXRF20150123	-9	-9	-9	17.66	-9	-9	-9
D	SBSS120	Stanley Bridge	357872	5381528	40	gy	b	gravel	pXRF20150123	-9	-9	-9	13.321	-9	-9	-9
D	SBSS121	Stanley Bridge	357889	5381540	60	gy - blue	b	clay	pXRF20150123	-9	-9	2.571	9.828	-9	-9	-9
D	SBSS122	Stanley Bridge	357906	5381553	40	gy - wt	b	gravelly	pXRF20150123	-9	-9	-9	14.423	-9	-9	-9
D	SBSS123	Stanley Bridge	357923	5381565	50	gy	b		pXRF20150123	-9	-9	1.18	15.27	-9	-9	-9
D	SBSS124	Stanley Bridge	357940	5381577	40	gy	b	gravelly	pXRF20150123	-9	-9	1.056	18.065	-9	-9	-9
D	SBSS125	Stanley Bridge	357810	5381336	40	gy	b	gravelly	pXRF20150123	-9	-9	2.422	9.807	-9	-9	-9
D	SBSS126	Stanley Bridge	357827	5381349	40	gy	b		pXRF20150123	-9	-9	1.765	15.694	-9	-9	-9
D	SBSS127	Stanley Bridge	357844	5381361	30	gy	b	gy oonah float nearby	pXRF20150123	-9	-9	2.743	11.971	-9	-9	-9
D	SBSS128	Stanley Bridge	357861	5381373	30	gy	b/c		pXRF20150123	-9	-9	3.899	9.001	-9	-9	-9
D	SBSS129	Stanley Bridge	357878	5381386	50	gy	b		pXRF20150123	-9	-9	1.845	11.646	-9	-9	-9
D	SBSS130	Stanley Bridge	357895	5381398	30	gy	b		pXRF20150208	-9	-9	-9	12.92647	-9	-9	-9
D	SBSS131	Stanley Bridge	357912	5381411	20	gy	c		pXRF20150208	-9	-9	-9	17.94516	-9	-9	-9
D	SBSS132	Stanley Bridge	357929	5381423	40	gy	b		pXRF20150208	-9	-9	-9	13.61029	-9	-9	-9
D	SBSS133	Stanley Bridge	357946	5381435	30	gy	b		pXRF20150208	-9	-9	-9	12.79563	-9	-9	-9
D	SBSS134	Stanley Bridge	357963	5381448	50	gy	b		pXRF20150208	-9	-9	1.334428	16.70624	-9	-9	-9
D	SBSS135	Stanley Bridge	357980	5381460	60	dgy	b		pXRF20150208	-9	-9	-9	12.53067	-9	-9	-9
D	SBSS136	Stanley Bridge	357871	5381242	40	dgy	B	clay. Gravelly.	pXRF20150208	-9	-9	-9	14.62181	-9	-9	-9
D	SBSS137	Stanley Bridge	357888	5381254	40	bk	B	mud. Gravelly.	pXRF20150208	-9	-9	-9	13.72352	-9	-9	-9
D	SBSS138	Stanley Bridge	357906	5381266	40	gy	B	mud. Gravelly.	pXRF20150208	-9	-9	1.00653	18.24394	-9	-9	-9
D	SBSS139	Stanley Bridge	357923	5381278	50	dgy	B	mud. Gravelly.	pXRF20150208	-9	-9	2.334648	15.93265	-9	-9	-9
D	SBSS140	Stanley Bridge	357941	5381289	35	dgy	B	gravelly	pXRF20150208	-9	-9	-9	14.1805	-9	-9	-9
D	SBSS141	Stanley Bridge	357958	5381301	10	gy	B	gravelly	pXRF20150208	-9	-9	-9	13.66195	-9	-9	-9
D	SBSS142	Stanley Bridge	357976	5381313	40	gy	B	gravelly	pXRF20150208	-9	-9	1.881434	11.71185	-9	-9	-9
D	SBSS143	Stanley Bridge	357993	5381325	45	gy	B	clay. Gravel.	pXRF20150208	-9	-9	2.021759	12.45521	-9	-9	-9
D	SBSS144	Stanley Bridge	358011	5381336	25	gy	B	organic rich. With gravelly clay.	pXRF20150208	-9	-9	2.087936	12.85982	-9	-9	-9
D	SBSS145	Stanley Bridge	358028	5381348	60	bn-gy	B	organic rich clay with gravel at base.	pXRF20150208	-9	-9	2.126014	14.00769	-9	-9	-9
D	SBSS146	Stanley Bridge	358054	5381087	50	gy	B	gravel at base.	pXRF20150208	-9	-9	-9	13.64457	-9	-9	-9
D	SBSS147	Stanley Bridge	358072	5381099	40	gy	B	gravelly.	pXRF20150208	-9	-9	-9	13.07009	-9	-9	-9
D	SBSS148	Stanley Bridge	358089	5381110	20	gy	B		pXRF20150208	-9	-9	-9	14.24659	-9	-9	-9
D	SBSS149	Stanley Bridge	358107	5381122	60	gy	B		pXRF20150208	-9	-9	-9	13.67311	-9	-9	-9
D	SBSS150	Stanley Bridge	358125	5381134	50	gy	B		pXRF20150208	-9	-9	1.169789	13.49438	-9	-9	-9
D	SBSS151	Stanley Bridge	358142	5381145	40	gy	B		pXRF20150208	-9	-9	-9	10.99891	-9	-9	0.0306
D	SBSS152	Stanley Bridge	358160	5381157	50	dbn	B	clay. Organic rich.	pXRF20150208	-9	-9	1.316021	12.7557	-9	-9	-9
D	SBSS153	Stanley Bridge	358178	5381169	40	gy	B		pXRF20150208	-9	-9	-9	12.76593	-9	-9	-9
D	SBSS154	Stanley Bridge	358196	5381180	50	dgy	B	clay, gravel	pXRF20150208	-9	-9	1.276196	15.35607	-9	-9	-9
D	SBSS155	Stanley Bridge	358213	5381192	60	gy	B		pXRF20150208	-9	-9	2.01576	12.59968	-9	-9	-9
D	SBSS156	Stanley Bridge	358233	5380957	10	bn	A	shallow. Gravelly.	pXRF20150208	-9	-9	-9	15.02335	-9	-9	0.0223
D	SBSS157	Stanley Bridge	358249	5380970	15	bn-gy	B	gravelly	pXRF20150208	-9	-9	-9	18.49285	-9	-9	0.0263
D	SBSS158	Stanley Bridge	358265	5380982	60	bn	B	clay	pXRF20150208	-9	-9	-9	17.87949	-9	0.0112	-9
D	SBSS159	Stanley Bridge	358281	5380994	40	gy-bn	B	gravelly	pXRF20150208	-9	-9	-9	17.59943	-9	-9	-9
D	SBSS160	Stanley Bridge	358298	5381007	40	gy-b	B	gravelly	pXRF20150208	-9	-9	-9	16.60548	-9	-9	-9
D	SBSS161	Stanley Bridge	358314	5381019	50	bn-gy	B	gravelly	pXRF20150208	-9	-9	-9	15.46331	-9	-9	-9
D	SBSS162	Stanley Bridge	358330	5381032	50	bn	B	smooth mud	pXRF20150208	-9	-9	-9	12.27606	-9	-9	0.0256

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Batch	Cu	Ag	Al	Si	P	S	Cl
H1001			metres	metres	centimetres					ppm	ppm	%	%	ppm	%	%
H1002			10	10	10											
D	SBSS163	Stanley Bridge	358347	5381044	30	gy-bn	B	rocky gravelly	pXRF20150208	-9	-9	-9	11.71011	-9	-9	-9
D	SBSS164	Stanley Bridge	358363	5381057	10	bn	B	gravelly clay	pXRF20150208	-9	-9	-9	16.02721	-9	-9	-9
D	SBSS165	Stanley Bridge	358379	5381069	40	bn-gy	B	gravelly	pXRF20150208	-9	-9	-9	11.28112	-9	-9	-9
D	SBSS166	Stanley Bridge	358321	5380897	40	gy	B	Smooth clay. Rocky base. Open plains.	pXRF20150208	-9	-9	-9	10.47536	-9	0.0117	-9
D	SBSS167	Stanley Bridge	358337	5380909	40	gy-bn-bk	B	Flat ground. Stream bed in gully. Wet + gravelly.	pXRF20150208	-9	-9	-9	15.26603	-9	-9	-9
D	SBSS168	Stanley Bridge	358353	5380921	50	gy-bn	B-C	shallow slope above gully. Gravelly clay.	pXRF20150208	-9	-9	1.045721	12.5013	-9	-9	-9
D	SBSS169	Stanley Bridge	358370	5380934	50	gy-bn	B	shallow slope. Open bush. Muddy.	pXRF20150208	-9	-9	-9	14.92905	-9	-9	-9
D	SBSS170	Stanley Bridge	358386	5380947	40	gy	B	shallow slope. Gravelly.	pXRF20150208	-9	-9	-9	16.26858	-9	-9	-9
D	SBSS171	Stanley Bridge	358402	5380959	40	bn	B	flat in boggy gully. Muddy. Gravelly.	pXRF20150219	-9	-9	-9	17.43241	-9	-9	0.0217
D	SBSS172	Stanley Bridge	358418	5380971	50	gy-bn	B	gravelly. Flat in gully. Gravelly clay.	pXRF20150219	-9	-9	1.305754	14.10731	-9	-9	-9
D	SBSS173	Stanley Bridge	358435	5380984	20	lgy	B	flat ground. Gravelly clay. Rocky.	pXRF20150219	-9	-9	-9	14.68321	-9	0.0135	0.031
D	SBSS174	Stanley Bridge	358451	5380996	50	lbn	B	flat ground. Muddy and gravelly clay.	pXRF20150219	-9	-9	-9	13.17874	-9	-9	-9
D	SBSS175	Stanley Bridge	358467	5381009	60	lbn	B-C	flat open ground. Rocky. Clay.	pXRF20150219	-9	-9	2.293331	10.85172	-9	-9	0.0272
D	SBSS176	Stanley Bridge	358662	5380656	60	bk	B	High organics	pXRF20150219	-9	-9	-9	18.26014	-9	-9	0.024
D	SBSS177	Stanley Bridge	358678	5380669	50	bk	B	high organics / white gravels	pXRF20150219	-9	-9	-9	16.59037	-9	-9	-9
D	SBSS178	Stanley Bridge	358694	5380683	60	bk	B	small creek flood zone / organic rich	pXRF20150219	-9	-9	-9	12.01746	-9	0.0147	0.0438
D	SBSS179	Stanley Bridge	358710	5380696	60	bk	B	organic rich with gravels	pXRF20150219	-9	-9	-9	12.60522	-9	-9	0.0244
D	SBSS180	Stanley Bridge	358726	5380710	30	gy	B	gravelly	pXRF20150219	-9	-9	-9	16.40021	-9	-9	-9
D	SBSS181	Stanley Bridge	358741	5380723	50	bk	B	organic rich with gravels	pXRF20150219	-9	-9	-9	16.18356	-9	-9	-9
D	SBSS182	Stanley Bridge	358757	5380736	30	gy	B	Gravelly	pXRF20150219	-9	-9	-9	15.45495	-9	-9	-9
D	SBSS183	Stanley Bridge	358773	5380750	30	gy	B	Gravelly	pXRF20150219	-9	-9	-9	14.49436	-9	-9	-9
D	SBSS184	Stanley Bridge	358789	5380763	40	dgy	B	Gravelly	pXRF20150219	-9	-9	-9	14.13585	-9	-9	0.0188
D	SBSS185	Stanley Bridge	358805	5380776	40	dgy	B	White Gravels	pXRF20150219	-9	-9	-9	13.2089	-9	-9	-9
D	SBSS186	Stanley Bridge	358785	5380536	40	bk	B	White Gravels	pXRF20150219	-9	-9	-9	13.78758	-9	-9	0.0199
D	SBSS187	Stanley Bridge	358801	5380549	50	bk	B	White Gravels	pXRF20150219	-9	-9	-9	17.06062	-9	-9	-9
D	SBSS188	Stanley Bridge	358817	5380562	30	dbn	B	Organic rich / white gravels /	pXRF20150219	-9	-9	-9	15.72596	-9	-9	-9
D	SBSS189	Stanley Bridge	358833	5380576	40	bk	B		pXRF20150219	-9	-9	-9	20.79726	-9	0.0156	0.023
D	SBSS190	Stanley Bridge	358849	5380589	20	gy	B	White Gravels	pXRF20150219	-9	-9	-9	16.61098	-9	-9	-9
D	SBSS191	Stanley Bridge	358864	5380602	50	bk	B	White Gravels	pXRF20150219	-9	-9	-9	19.18397	-9	0.0189	0.0628
D	SBSS192	Stanley Bridge	358880	5380616	80	dbn	B	High organics	pXRF20150219	-9	-9	-9	12.22865	-9	0.0102	0.0332
D	SBSS193	Stanley Bridge	358896	5380629	40	dbn	B	White Gravels	pXRF20150219	-9	-9	-9	11.84052	-9	-9	-9
D	SBSS194	Stanley Bridge	358912	5380642	70	dbn	B	White Gravels	pXRF20150219	-9	-9	-9	12.01767	-9	-9	0.0219
D	SBSS195	Stanley Bridge	358928	5380655	40	dbn	B	Muddy. Gravelly	pXRF20150219	-9	-9	-9	14.24686	-9	-9	0.0255
D	SBSS196	Stanley Bridge	358956	5380447	40	Gy - Bn	B	Flat open bush. Muddy w. organics. Gravelly base	pXRF20150219	-9	-9	-9	18.29458	-9	0.0117	0.0212
D	SBSS197	Stanley Bridge	358872	5380461	70	bk - gy	B	Flat open bush, gravel base, organics	pXRF20150219	-9	-9	-9	16.12237	-9	-9	-9
D	SBSS198	Stanley Bridge	358887	5380474	40	lgy	B	Flat open bush, gravelly	pXRF20150219	-9	-9	-9	16.39755	-9	-9	0.0176
D	SBSS199	Stanley Bridge	358903	5380488	50	bk - gy	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	13.19852	-9	0.0114	0.0331
D	SBSS200	Stanley Bridge	358919	5380501	50	bk	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	15.07873	-9	-9	0.0186
D	SBSS201	Stanley Bridge	358935	5380514	50	bk	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	15.22359	-9	-9	-9
D	SBSS202	Stanley Bridge	358951	5380528	60	bk	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	16.75175	-9	-9	0.0183
D	SBSS203	Stanley Bridge	358967	5380541	50	bk	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	14.71157	-9	-9	0.0187
D	SBSS204	Stanley Bridge	358983	5380554	60	bn - gy	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	18.89541	-9	-9	0.0206
D	SBSS205	Stanley Bridge	358999	5380567	40	bn - gy	B	Flat open bush, gravelly, organic rich	pXRF20150219	-9	-9	-9	13.49261	-9	-9	-9
D	SBSS206	Stanley Bridge	358994	5380323	60	bn - bk	B	Flat ground, gravelly base muddy. Organics	pXRF20150219	-9	-9	-9	15.4043	-9	0.0105	0.0214
D	SBSS207	Stanley Bridge	359010	5380337	60	gy - bk	B	Flat, muddy	pXRF20150219	-9	-9	-9	14.69271	-9	-9	-9
D	SBSS208	Stanley Bridge	359025	5380351	50	bk - gy	B	flat	pXRF20150219	-9	-9	-9	12.55107	-9	-9	-9
D	SBSS209	Stanley Bridge	359041	5380364	15	bk - gy	B	Shallow slope	pXRF20150219	-9	-9	-9	16.80697	-9	-9	-9
D	SBSS210	Stanley Bridge	359056	5380378	50	dgy	B	Shallow slope, gravelly	pXRF20150219	-9	-9	-9	19.78342	-9	-9	-9
D	SBSS211	Stanley Bridge	359072	5380392	50	gy	B	Gravelly base, shallow slope	pXRF20150219	-9	-9	-9	15.45783	-9	-9	-9
D	SBSS212	Stanley Bridge	359087	5380406	60	gy - bk	B	open scrub flat	pXRF20150219	-9	-9	-9	13.62909	-9	-9	-9
D	SBSS213	Stanley Bridge	359103	5380420	50	gy - bn	B	open scrub flat, gravelly	pXRF20150219	-9	-9	-9	15.05798	-9	-9	-9
D	SBSS214	Stanley Bridge	359118	5380433	30	gy - bn	B	flat open scrub. Gravelly base	pXRF20150219	-9	-9	-9	18.02928	-9	0.0108	-9
D	SBSS215	Stanley Bridge	359134	5380447	40	gy - bn	B	flat open scrub. Gravelly	pXRF20150219	-9	-9	-9	17.75336	-9	0.011	0.0213
D	SBSS216	Stanley Bridge	359074	5380259	20	gy - bk	B	slopy & wet. Minor gravels	pXRF20150219	-9	-9	-9	17.58542	-9	-9	-9
D	SBSS217	Stanley Bridge	359089	5380274	25	dgy - bk	B	Muddy. Gravelly	pXRF20150219	-9	-9	-9	14.63212	-9	-9	-9
D	SBSS218	Stanley Bridge	359104	5380288	40	gy	B	Gravelly	pXRF20150219	-9	-9	-9	13.68063	-9	-9	-9
D	SBSS219	Stanley Bridge	359119	5380302	50	gy	B		pXRF20150219	-9	-9	1.664185	10.59221	-9	-9	0.0273
D	SBSS220	Stanley Bridge	359134	5380316	30	gy - og - bn	B		pXRF20150219	-9	-9	-9	8.388204	-9	-9	-9
D	SBSS221	Stanley Bridge	359149	5380331	40	gy - og - bn	B		pXRF20150219	-9	-9	-9	7.557431	-9	-9	0.0265
D	SBSS222	Stanley Bridge	359164	5380345	40	bn - gy	B		pXRF20150219	-9	-9	-9	9.903912	-9	-9	0.03
D	SBSS223	Stanley Bridge	359179	5380359	40	gy	B		pXRF20150219	-9	-9	-9	12.62121	-9	-9	-9
D	SBSS224	Stanley Bridge	359194	5380373	40	gy	B		pXRF20150219	-9	-9	1.35776	9.324885	-9	-9	-9
EOF																

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se
H1001		%	%	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm														
H1002																																		
D	CRCK029	0.42	0.044	0.211	22	7	-9	11	-9	225	42	46	0.347	9	68	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	184	-9	-9	-9	19	379	55	15	-9
D	CRCK030	0.412	0.103	0.233	23	-9	3	-9	-9	220	38	47	0.224	10	86	-9	-9	7	-9	3	-9	-9	-9	-9	-9	304	-9	-9	3	16	296	67	26	-9
D	CRCK031	0.159	0.081	0.347	20	-9	-9	-9	-9	221	33	41	0.291	8	35	-9	-9	5	-9	-9	4	-9	-9	-9	-9	119	-9	-9	3	22	421	69	39	-9
D	CRCK032	0.257	0.09	0.394	26	-9	-9	-9	-9	222	39	44	0.294	7	38	-9	-9	7	-9	2	-9	-9	-9	-9	-9	122	-9	-9	-9	19	324	56	26	-9
D	CRCK033	0.044	0.063	0.086	23	4	-9	-9	-9	220	40	41	0.293	7	13	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	2	18	304	60	23	-9
D	CRCK034	0.358	-9	4.002	51	9	34	51	-9	437	245	169	3.0801	28	63	-9	-9	16	28	4	-9	-9	-9	148	96	888	-9	-9	4	101	474	49	18	-9
D	CRCK035	-9	-9	5.369	68	28	31	100	-9	503	313	160	3.7137	34	34	-9	-9	19	23	-9	8	-9	-9	117	61	116	-9	-9	6	102	540	40	13	4
D	CRCK036	0.299	0.057	0.243	19	4	2	-9	-9	225	31	43	0.336	11	46	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	210	-9	-9	3	21	416	48	25	-9
D	CRCK037	0.483	0.048	0.226	23	-9	2	11	-9	240	36	54	0.473	12	85	-9	-9	8	17	3	4	-9	-9	-9	-9	320	-9	-9	4	24	439	55	21	-9
D	CRCK038	0.596	0.072	0.326	24	6	-9	-9	-9	244	43	51	0.482	9	99	-9	-9	9	-9	-9	-9	-9	-9	-9	-9	372	-9	-9	-9	26	464	57	38	-9
D	CRCK039	0.417	0.038	0.07	24	6	3	-9	-9	226	37	43	0.317	9	59	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	210	-9	-9	-9	17	398	53	33	-9
D	CRCK040	0.265	0.045	0.222	21	-9	-9	-9	-9	219	33	41	0.237	9	50	-9	-9	6	-9	-9	4	-9	-9	-9	-9	141	-9	-9	-9	15	299	57	14	-9
D	CRCK041	0.169	0.048	0.229	17	4	-9	-9	-9	222	31	41	0.312	13	35	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	84	-9	-9	-9	23	356	70	21	-9
D	CRCK042	0.25	0.099	0.25	20	-9	-9	-9	-9	224	39	40	0.277	8	46	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	142	-9	-9	-9	15	261	53	30	-9
D	CRCK043	0.237	0.135	0.067	26	4	-9	-9	-9	225	33	43	0.305	7	38	-9	-9	6	-9	-9	6	-9	-9	-9	-9	119	-9	-9	-9	15	308	59	38	-9
D	CRCK044	0.182	0.109	0.227	22	-9	-9	-9	-9	228	25	39	0.308	10	36	-9	-9	5	-9	3	-9	-9	-9	-9	-9	137	-9	-9	-9	20	310	47	35	-9
D	CRCK045	0.121	0.166	0.174	17	-9	-9	-9	-9	218	22	37	0.314	8	27	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	83	-9	-9	-9	21	372	48	42	-9
D	CRCK046	0.065	0.121	0.191	18	-9	-9	-9	-9	220	45	36	0.31	6	17	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	48	-9	-9	-9	21	406	48	32	-9
D	CRCK047	0.231	0.107	0.44	26	8	-9	-9	-9	225	20	39	0.32	11	34	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	131	-9	-9	-9	25	314	55	36	-9
D	CRCK048	0.258	0.035	0.263	19	-9	-9	-9	-9	221	34	43	0.349	12	50	-9	-9	5	-9	2	-9	-9	-9	-9	-9	162	-9	-9	-9	22	384	66	24	-9
D	CRCK049	0.115	0.052	0.292	19	-9	-9	-9	-9	220	28	40	0.354	9	25	-9	-9	5	-9	-9	5	-9	-9	-9	-9	75	-9	-9	-9	24	512	68	36	-9
D	CRCK050	0.371	-9	0.329	23	-9	-9	-9	-9	222	34	45	0.36	11	58	-9	-9	7	-9	-9	-9	-9	-9	-9	-9	163	-9	-9	-9	30	383	62	23	-9
D	CRCK051	0.582	-9	0.335	24	5	-9	-9	-9	226	42	49	0.356	11	89	-9	-9	9	-9	4	5	-9	-9	-9	-9	277	7	-9	-9	20	301	58	22	-9
D	CRCK052	0.595	0.06	0.321	23	5	-9	-9	-9	228	40	51	0.34	12	87	-9	-9	8	18	-9	-9	-9	-9	-9	-9	250	-9	-9	-9	18	324	52	25	-9
D	CRCK053	0.876	-9	0.228	21	-9	-9	-9	-9	233	48	54	0.326	15	134	-9	-9	10	-9	-9	-9	-9	-9	-9	-9	406	-9	-9	-9	19	324	58	17	-9
D	CRCK054	0.548	0.046	0.26	24	-9	-9	-9	-9	224	42	49	0.34	11	82	-9	-9	9	-9	3	-9	-9	-9	-9	-9	202	-9	-9	-9	20	402	64	20	-9
D	CRCK055	0.617	-9	0.288	22	5	-9	-9	-9	224	34	47	0.324	13	89	-9	-9	9	-9	3	-9	-9	-9	-9	48	237	-9	-9	-9	20	391	62	24	-9
D	CRCK056	0.345	0.059	0.232	23	4	-9	-9	-9	221	32	41	0.254	11	60	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	142	-9	-9	4	18	410	58	18	-9
D	CRCK057	0.663	0.06	0.402	23	-9	-9	-9	-9	222	45	47	0.316	13	108	-9	-9	10	19	-9	-9	-9	-9	-9	-9	264	-9	-9	-9	18	338	58	26	-9
D	CRCK058	0.817	0.039	0.335	23	-9	-9	-9	-9	225	44	54	0.293	10	148	-9	-9	11	26	3	-9	-9	-9	-9	-9	406	-9	-9	-9	15	292	53	24	-9
D	CRCK059	0.452	0.089	0.366	23	6	-9	-9	-9	227	31	40	0.244	10	68	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	253	-9	-9	-9	18	357	48	29	-9
D	CRCK060	0.401	0.083	0.153	23	10	-9	-9	-9	218	20	40	0.199	8	74	-9	-9	8	-9	-9	7	-9	-9	-9	-9	214	-9	-9	-9	19	386	47	65	-9
D	CRCK061	0.063	0.063	0.019	20	-9	-9	-9	-9	217	19	32	0.232	4	15	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	52	-9	-9	-9	15	365	36	35	-9
D	CRCK062	0.254	0.032	0.33	20	-9	3	-9	-9	220	23	38	0.281	7	35	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	151	-9	-9	3	16	426	49	23	-9
D	CRCK063	0.211	-9	0.389	19	-9	2	-9	-9	218	18	36	0.264	6	36	-9	-9	5	-9	-9	5	-9	-9	-9	-9	106	-9	-9	-9	16	426	51	31	-9
D	CRCK064	0.371	0.079	0.036	29	4	2	-9	-9	223	25	39	0.298	8	69	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	230	-9	-9	-9	17	462	55	64	-9
D	CRCK065	0.151	0.122	0.378	20	3	-9	-9	-9	217	21	32	0.272	7	25	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	75	-9	-9	-9	18	502	52	52	-9
D	CRCK066	0.455	0.047	0.248	20	-9	3	-9	-9	228	50	47	0.395	14	70	-9	-9	9	-9	-9	4	-9	-9	-9	52	233	-9	-9	4	22	411	82	24	-9
D	CRCK067	0.577	0.264	0.371	41	11	-9	-9	-9	230	38	45	0.209	9	105	-9	-9	9	-9	-9	-9	-9	-9	-9	-9	334	-9	-9	-9	20	273	54	64	-9
D	CRCK068	0.336	0.048	0.217	20	-9	-9	-9	-9	228	44	51	0.367	16	61	-9	-9	8	18	3	-9	-9	-9	-9	-9	173	-9	-9	-9	21	384	84	18	-9
D	CRCK069	0.223	0.113	0.275	23	7	-9	-9	-9	217	26	38	0.251	11	53	-9	-9	4	-9	-9	6	-9	-9	-9	-9	136	-9	-9	-9	22	397	74	54	-9
D	CRCK070	0.61	0.044	0.341	22	-9	-9	-9	-9	225	47	50	0.251	10	118	-9	-9	8	19	4	-9	-9	-9	-9	-9	436	-9	-9	-9	16	297	61	74	-9
D	CRCK071	0.813	0.037	0.332	20	4	-9	-9	-9	225	45	56	0.316	7	132	-9	-9	11	29	4	-9	-9	-9	-9	-9	506	-9	-9	3	15	268	54	40	-9
D	CRCK072	0.822	0.043	0.301	23	5	-9	-9	-9	224	41	52	0.32	6	119	-9	-9	11	22	3	-9	-9	-9	-9	-9	354	-9	-9	-9	17	288	45	29	-9
D	CRCK073	0.638	0.037	0.305	19	7	-9	-9	-9	221	42	47	0.302	10	108	-9	-9	10	21	2	-9	-9	-9	-9	-9	339	-9	-9	3	19	309	54	36	-9
D	CRCK074	0.75	-9	0.328	25	-9	2	-9	-9	222	38	52	0.314	6	102	-9	-9	11	22	4	-9	-9	-9	-9	-9	343	-9	-9	-9	15	307	50	34	-9
D	CRCK075	0.516	0.037	0.261	20	5	-9	-9	-9	224	39	45	0.245	9	87	-9	-9	8	-9	-9	-9</													

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se
H1001		%	%	%	ppm	%	ppm																											
H1002																																		
D	CRCK093	0.531	0.092	0.421	24	4	-9	-9	-9	222	47	46	0.352	14	83	-9	-9	9	-9	-9	5	-9	-9	-9	-9	252	-9	-9	-9	22	417	79	35	-9
D	CRCK094	0.463	0.1	0.27	23	9	-9	-9	-9	222	36	47	0.327	13	64	-9	-9	7	-9	-9	-9	-9	-9	-9	-9	238	-9	-9	-9	22	408	74	30	-9
D	CRCK095	0.286	0.092	0.03	26	17	3	-9	-9	220	33	42	0.262	13	56	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	184	-9	-9	-9	22	350	62	46	-9
D	CRCK096	0.422	0.05	0.105	26	9	-9	-9	-9	225	44	51	0.299	14	81	-9	-9	8	19	5	-9	-9	-9	-9	290	-9	-9	-9	21	372	70	40	-9	
D	CRCK097	0.267	0.077	0.358	20	4	-9	-9	-9	220	25	37	0.297	9	45	-9	-9	7	-9	5	-9	-9	-9	-9	150	-9	-9	-9	21	356	59	36	-9	
D	CRCK098	0.211	0.09	0.322	18	-9	3	-9	-9	218	27	39	0.235	13	40	-9	-9	7	-9	-9	-9	-9	-9	-9	136	-9	-9	-9	18	356	63	43	-9	
D	CRCK099	0.374	0.048	0.25	17	-9	-9	-9	-9	220	27	41	0.277	7	54	-9	-9	6	-9	-9	-9	-9	-9	-9	153	-9	-9	-9	17	339	52	22	-9	
D	CRCK100	0.141	-9	0.276	20	3	-9	-9	-9	220	22	39	0.276	10	32	-9	-9	4	-9	-9	-9	-9	-9	-9	118	-9	-9	-9	17	406	59	15	-9	
D	CRCK101	0.02	0.06	0.236	16	-9	-9	-9	-9	214	13	29	0.158	7	13	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	17	296	36	43	-9	
D	CRCK102	0.347	0.033	0.331	22	5	-9	12	-9	221	32	41	0.292	13	43	-9	-9	6	-9	-9	-9	-9	-9	-9	131	-9	-9	4	17	386	56	16	-9	
D	CRCK103	0.371	-9	0.337	19	4	-9	-9	-9	220	28	43	0.279	13	52	-9	-9	9	-9	-9	-9	-9	-9	-9	142	-9	-9	-9	17	355	50	16	-9	
D	CRCK104	0.175	0.039	0.149	17	-9	-9	-9	-9	213	18	36	0.271	7	26	-9	-9	4	-9	-9	4	-9	-9	-9	78	-9	-9	3	16	559	50	21	-9	
D	CRCK105	0.17	0.043	0.14	17	-9	-9	-9	-9	215	17	34	0.238	8	22	-9	-9	4	-9	-9	5	-9	-9	-9	53	-9	-9	-9	12	517	47	16	-9	
D	CRCK106	0.477	-9	0.232	17	3	-9	-9	-9	217	25	42	0.31	9	54	-9	-9	7	-9	-9	4	-9	-9	-9	128	-9	-9	-9	16	460	49	16	-9	
D	CRCK107	0.513	-9	0.276	17	-9	-9	-9	-9	219	29	41	0.271	6	64	-9	-9	6	-9	-9	-9	-9	-9	-9	159	-9	-9	-9	5	13	407	47	17	-9
D	CRCK108	0.354	0.035	0.246	17	4	-9	-9	-9	219	30	41	0.278	7	43	-9	-9	6	-9	-9	6	-9	-9	-9	120	-9	-9	-9	16	389	47	16	-9	
D	CRCK109	0.446	0.034	0.343	20	6	-9	-9	-9	220	29	44	0.309	10	58	-9	-9	6	-9	-9	-9	-9	-9	-9	157	-9	-9	-9	17	392	50	22	-9	
D	CRCK110	0.553	0.033	0.212	18	-9	-9	-9	-9	220	28	43	0.294	9	80	-9	-9	7	-9	3	-9	-9	-9	-9	196	-9	-9	3	17	394	53	13	-9	
D	CRCK111	0.375	0.031	0.169	17	-9	-9	-9	-9	220	30	42	0.302	6	49	-9	-9	5	-9	-9	-9	-9	-9	-9	136	-9	-9	-9	16	357	53	15	-9	
D	CRCK112	0.349	0.033	0.203	16	8	-9	-9	-9	222	42	41	0.484	11	45	-9	-9	4	-9	-9	-9	-9	-9	-9	137	-9	-9	3	23	320	53	16	-9	
D	CRCK113	0.256	-9	0.316	18	6	-9	-9	-9	222	34	50	0.67	11	36	-9	-9	4	-9	2	-9	-9	-9	-9	175	-9	-9	2	31	340	47	21	-9	
D	CRCK114	-9	-9	5.251	76	15	49	218	-9	600	376	172	3.6126	36	32	-9	-9	21	26	4	8	-9	-9	227	143	176	64	-9	8	111	592	22	52	2
D	CRCK115	-9	-9	6.002	60	13	17	173	-9	447	307	140	2.7333	26	31	-9	-9	17	19	-9	6	-9	-9	103	59	163	19	-9	6	76	485	28	44	4
D	CRCK116	0.506	-9	4.485	31	14	20	52	-9	333	166	107	1.7093	24	129	-9	-9	17	-9	4	-9	-9	-9	-9	56	290	-9	-9	5	56	452	24	39	4
D	CRCK117	0.083	-9	4.868	26	27	81	61	-9	236	201	146	2.7088	30	45	-9	-9	16	25	-9	-9	-9	-9	-9	63	433	-9	-9	7	82	512	34	71	3
D	CRCK118	1.004	-9	1.646	19	5	15	-9	-9	234	79	70	0.434	12	112	-9	-9	14	27	4	-9	-9	-9	-9	470	-9	-9	4	20	318	39	18	-9	
D	CRCK119	0.053	0.039	0.122	14	-9	3	-9	-9	216	14	32	0.172	7	12	-9	-9	-9	-9	-9	-9	-9	-9	-9	64	-9	-9	-9	15	278	30	10	-9	
D	CRCK120	0.418	0.045	0.285	18	5	-9	-9	-9	229	35	46	0.364	11	61	-9	-9	7	-9	-9	-9	-9	-9	-9	197	-9	-9	-9	19	323	43	15	-9	
D	CRCK121	0.325	0.03	0.175	17	-9	-9	-9	-9	222	27	39	0.27	10	48	-9	-9	5	-9	-9	-9	-9	-9	-9	162	-9	-9	-9	18	304	39	14	-9	
D	CRCK122	0.38	0.031	0.229	18	-9	-9	-9	-9	224	42	46	0.341	15	48	-9	-9	7	-9	2	5	-9	-9	-9	53	152	-9	-9	24	325	50	16	-9	
D	CRCK123	0.177	0.187	0.297	22	6	-9	-9	-9	222	26	38	0.246	10	35	-9	-9	5	-9	-9	-9	-9	-9	-9	83	-9	-9	-9	21	347	59	33	-9	
D	CRCK124	0.198	0.099	0.214	23	10	-9	-9	-9	220	30	40	0.288	9	29	-9	-9	3	-9	-9	-9	-9	-9	-9	109	-9	-9	-9	22	352	49	27	-9	
D	CRCK125	0.228	0.036	0.192	20	10	-9	-9	-9	223	49	51	0.415	18	43	-9	-9	10	-9	-9	-9	-9	-9	-9	99	-9	-9	-9	20	311	60	15	-9	
D	CRCK126	0.413	0.057	0.175	20	-9	-9	-9	-9	220	30	46	0.34	9	61	-9	-9	7	-9	2	-9	-9	-9	-9	163	-9	-9	-9	24	326	45	21	-9	
D	CRCK127	0.303	-9	0.236	20	8	-9	-9	-9	238	34	49	0.321	15	31	-9	-9	6	-9	-9	-9	-9	-9	-9	136	-9	-9	3	26	342	46	13	-9	
D	CRCK128	0.21	0.041	0.181	18	-9	-9	-9	-9	225	23	34	0.181	8	25	-9	-9	3	-9	-9	-9	-9	-9	-9	84	-9	-9	-9	15	238	23	10	-9	
D	CRCK129	0.116	0.041	0.167	19	-9	-9	-9	-9	218	17	32	0.175	7	20	-9	-9	3	-9	-9	-9	-9	-9	-9	70	-9	-9	-9	13	278	26	11	-9	
D	CRCK130	0.139	0.057	0.178	20	-9	3	-9	-9	215	18	32	0.254	9	23	-9	-9	3	-9	-9	-9	-9	-9	-9	53	-9	-9	-9	18	456	45	27	-9	
D	CRCK131	0.101	0.032	0.265	20	4	-9	-9	-9	217	17	36	0.233	7	17	-9	-9	3	-9	-9	-9	-9	-9	-9	63	-9	-9	-9	14	445	42	20	-9	
D	CRCK132	0.11	0.038	0.372	21	6	3	-9	-9	215	23	32	0.138	7	32	-9	-9	4	-9	-9	5	-9	-9	-9	68	-9	-9	-9	19	522	46	28	-9	
D	CRCK133	0.473	-9	0.411	23	10	6	-9	-9	222	32	40	0.228	10	77	-9	-9	9	-9	-9	-9	-9	-9	-9	196	-9	-9	-9	18	438	44	28	-9	
D	CRCK134	0.279	0.033	0.327	21	-9	2	-9	-9	218	25	39	0.255	8	38	-9	-9	4	-9	-9	5	-9	-9	-9	124	-9	-9	-9	13	442	45	21	-9	
D	CRCK135	0.043	0.177	0.429	35	22	4	-9	-9	219	9	28	0.055	-9	28	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	26	97	6	123	-9	
D	CRCK136	0.233	0.083	0.334	20	7	3	-9	-9	218	17	34	0.161	9	45	-9	-9	5	-9	-9	6	-9	-9	-9	126	-9	-9	-9	16	380	39	29	-9	
D	CRCK137	0.098	0.051	0.184	16	-9	-9	-9	-9	217	20	31	0.193	7	24	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	18	351	35	28	-9	
D	CRCK138	-9	0.037	0.181	23	10	-9	-9	-9	218	7	25	0.028	-9	36	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	-9	-9	2	31	8	-9	14	-9	
D	CRCK139	-9	0.102	0.095	16	7	-9	-9	-9	217	6	25	0.027	-9	40	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	-9	-9	2	30	8	-9	133	2	
D	CRCK140	0.189	0.052	0.174	18	-9	-9	-9	-9	222	25	44	0.627	12	22	-9	-9	4	-9	-9	-9	-9	-9	-9	75	-9								

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se	
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
H1002																																			
D	ESSS002		-9	-9	3.464	54	15.4	2	-9	-9	311	60	47	0.3612	6	37	-9	-9	6.8	-9	-9	-9	-9	-9	-9	-9	-9	-9	20	133	13.6	31	-9		
D	ESSS003		-9	0.46	5.61	57	11.3	26	37	-9	730	148	99	1.4661	12.5	41.9	-9	-9	9.5	20	-9	-9	-9	-9	-9	76	-9	-9	2.4	23.9	225	30.2	47	3.2	
D	ESSS004		0.019	0.811	6.623	68	18.7	40	37	-9	870	149	102	1.6533	10.9	43.7	-9	-9	13	33	-9	8.5	-9	-9	-9	113	-9	-9	-9	23.5	271	27.4	58	-9	
D	ESSS005		0.012	0.586	5.995	72	11	45	37	-9	687	135	107	1.5674	7.9	40	-9	-9	11.3	31	-9	-9	-9	-9	-9	118	-9	-9	3.8	22.7	228	21.8	55	-9	
D	ESSS006		-9	1.031	4.206	48	25.8	11	29	-9	2202	82	65	0.625	4	32.3	-9	-9	5.9	24	-9	-9	-9	-9	-9	63	-9	-9	-9	20.7	201	25.9	67	-9	
D	ESSS007		0.097	0.713	3.974	40	34	12	-9	-9	428	59	70	0.7728	9.7	30.7	-9	-9	8.7	-9	-9	-9	-9	-9	-9	123	-9	-9	-9	24.3	225	28.5	95	-9	
D	ESSS008		0.037	1.206	6.19	69	21.9	14	14	-9	1664	80	68	0.6635	6.3	31.9	-9	-9	7	-9	-9	-9	-9	-9	-9	89	-9	-9	3.1	28.8	183	26	106	-9	
D	ESSS009		-9	0.752	7.177	80	17	32	47	-9	1043	166	140	1.9522	10.2	27	-9	-9	13.2	42	-9	6.7	-9	-9	-9	179	-9	-9	-9	24	245	22.4	56	-9	
D	ESSS010		0.132	1.846	5.352	56	22.9	8	22	-9	583	115	109	1.6402	9.1	33.7	-9	-9	11.1	-9	-9	-9	-9	-9	-9	134	-9	-9	-9	22.3	244	26.8	62	-9	
D	ESSS011		-9	0.461	2.824	31	15.9	5	-9	-9	338	34	45	0.2834	-9	18.8	-9	-9	4.4	-9	-9	-9	-9	-9	-9	55	-9	-9	-9	21.9	104	13.5	53	-9	
D	ESSS012		-9	0.565	3.315	38	27.6	3	-9	-9	370	48	59	0.5559	5.3	18.9	-9	-9	6.6	-9	-9	-9	-9	-9	-9	65	-9	-9	-9	20.7	158	19.8	40	-9	
D	ESSS013		-9	0.566	2.573	38	20.5	4	-9	-9	333	33	50	0.4611	-9	16.7	-9	-9	6.4	-9	-9	-9	-9	-9	-9	74	-9	-9	-9	21.7	152	16.1	54	-9	
D	ESSS014		-9	0.409	7.311	61	21	6	36	-9	683	202	137	2.4962	12.7	31	-9	-9	12	24	-9	6.2	-9	-9	-9	66	-9	-9	-9	29.3	306	24.5	33	-9	
D	ESSS015		-9	0.984	6.046	65	14.2	4	24	-9	619	126	88	1.4302	7.5	21.4	-9	-9	9.3	-9	-9	-9	-9	-9	-9	66	-9	-9	-9	20.6	206	23.3	45	-9	
D	ESSS016		0.092	1.538	5.211	58	19.8	23	-9	-9	485	94	78	0.8307	7.7	33.5	-9	-9	9.2	32	-9	-9	-9	-9	-9	117	-9	-9	2.6	22.2	194	24.1	69	-9	
D	ESSS017		-9	-9	6.774	56	6	9	28	-9	522	184	129	2.0329	11.5	30.7	-9	-9	11.2	18	-9	-9	-9	-9	-9	98	-9	-9	3.6	23.7	248	24.1	23	3.1	
D	ESSS018		0.006	-9	6.809	72	10.6	14	65	-9	558	214	146	2.3842	13.5	35.8	-9	-9	15.5	25	-9	6	-9	-9	-9	136	-9	-9	3.5	31	293	24.5	25	-9	
D	ESSS019		0.175	0.402	6.969	63	11.7	16	44	-9	872	265	138	2.2201	10.4	46.1	-9	-9	14.9	-9	-9	-9	-9	-9	-9	142	-9	-9	3.5	27.3	259	31	41	2.4	
D	ESSS020		-9	0.523	7.315	60	19	44	49	-9	798	245	143	2.4798	11.5	36.5	-9	-9	10.8	40	-9	-9	-9	-9	-9	98	-9	-9	4.5	25.3	256	19.5	33	3.1	
D	ESSS021		-9	0.434	6.822	71	12.8	43	43	-9	1153	194	144	2.863	15.5	36.3	-9	-9	13	29	-9	-9	-9	-9	-9	113	-9	-9	3.6	27.7	284	24	31	-9	
D	ESSS022		-9	-9	6.657	59	12.7	33	55	-9	544	205	140	2.3382	11.5	32.1	-9	-9	9.4	20	-9	-9	-9	-9	-9	100	-9	-9	3.5	22.7	254	21.9	24	3	
D	ESSS023		-9	0.287	5.946	55	17	17	33	-9	442	161	116	1.9675	11.9	34.6	-9	-9	12.3	29	-9	4.5	-9	-9	-9	110	-9	-9	3.7	27.4	243	23.5	34	2.9	
D	ESSS024		-9	0.556	4.924	44	10.4	14	-9	-9	451	117	89	1.3459	8.9	19.8	-9	-9	8.4	-9	-9	-9	-9	-9	-9	59	-9	-9	-9	18.9	187	19.9	37	-9	
D	ESSS025		-9	0.692	6.164	55	11.7	77	21	-9	493	178	116	2.0581	9.4	34.5	-9	-9	11.9	36	-9	-9	-9	-9	-9	103	-9	-9	2.5	24.7	247	23.7	33	-9	
D	ESSS026		-9	0.487	5.968	63	17.7	37	46	-9	501	173	120	2.0123	11.1	37	-9	-9	9.2	45	-9	-9	-9	-9	-9	103	-9	-9	-9	23.4	235	22.8	35	3	
D	ESSS027		-9	-9	6.869	52	9.1	22	65	-9	528	219	140	2.2844	13.5	33.2	-9	-9	12.9	22	-9	-9	-9	-9	-9	86	-9	-9	3.8	27.9	262	28.8	25	3.5	
D	ESSS028		-9	-9	6.327	52	18.9	9	36	-9	496	153	112	1.8333	12.2	48.2	-9	-9	10.4	-9	-9	-9	-9	-9	-9	63	-9	-9	-9	3.8	24.9	270	31.1	30	3.9
D	ESSS029		-9	-9	6.171	53	7.5	9	41	-9	522	205	114	1.9445	11.8	45.2	-9	-9	13.9	20	-9	-9	-9	-9	-9	78	-9	-9	3.6	25.5	258	34.8	32	2.9	
D	ESSS030		-9	0.448	6.248	72	7.2	17	47	-9	535	165	105	1.7481	10.9	39.7	-9	-9	13	23	-9	6.2	-9	-9	-9	103	-9	-9	-9	27.2	258	31.1	47	2.5	
D	ESSS031		-9	-9	6.141	50	8.2	3	-9	-9	520	137	107	1.7722	10.9	57.8	-9	-9	11.8	24	-9	-9	-9	-9	-9	53	-9	-9	3.5	24	246	28.5	24	3.5	
D	ESSS032		-9	-9	4.014	36	8.4	2	-9	-9	311	80	60	0.5561	9.1	66.2	-9	-9	4.5	-9	-9	-9	-9	-9	-9	69	-9	-9	1.9	18.4	146	14.3	16	6.5	
D	ESSS033		-9	-9	6.498	47	9.5	2	21	-9	509	159	124	2.1904	14.8	46.2	-9	-9	12.4	-9	-9	5.9	-9	-9	-9	99	-9	-9	3	33.9	315	32.6	19	-9	
D	ESSS034		0.037	-9	7.368	43	8.6	3	-9	-9	513	163	114	1.9821	15.7	61.6	-9	-9	12.7	-9	-9	6.9	-9	-9	-9	65	-9	-9	-9	31.8	364	41	24	2.7	
D	ESSS035		-9	-9	7.193	60	13	31	57	-9	548	231	138	2.2288	14.5	42.9	-9	-9	14.9	24	-9	5.4	-9	-9	-9	117	-9	-9	4.1	25	261	30	35	2.9	
D	ESSS036		-9	-9	7.668	61	10	37	42	-9	495	236	150	2.2912	13	40.3	-9	-9	13.7	22	-9	5.7	-9	-9	-9	127	-9	-9	5.1	27.7	278	29.9	37	3.4	
D	ESSS037		-9	-9	7.471	46	13	37	37	-9	430	225	134	2.2448	13.2	47.3	-9	-9	11.5	20	-9	-9	-9	-9	-9	127	-9	-9	4.5	25.3	241	19.4	31	4.5	
D	ESSS038		0.166	1.005	6.772	51	16.7	36	20	-9	486	195	156	2.8118	17.3	43.7	-9	-9	16.2	33	-9	-9	-9	-9	-9	199	-9	-9	5.1	34.1	325	27.4	57	-9	
D	ESSS039		0.126	1.014	3.977	40	28.8	13	-9	-9	365	67	84	1.5062	9.6	26.1	-9	-9	10.2	-9	-9	-9	-9	-9	-9	119	-9	-9	-9	24.6	293	24.2	64	-9	
D	ESSS040		0.267	1.357	4.281	49	27.1	11	-9	-9	364	80	86	0.8828	5.9	32.1	-9	-9	9	-9	-9	-9	-9	-9	-9	224	-9	-9	-9	26.9	282	22	120	-9	
D	ESSS041		0.105	2.329	5.46	59	45	14	-9	-9	499	120	117	2.3906	9.3	21.5	-9	-9	15.1	-9	-9	-9	-9	-9	-9	262	-9	-9	-9	26.8	382	21.6	73	-9	
D	ESSS042		0.165	1.973	5.036	57	41.7	24	-9	-9	467	105	129	2.4619	10	31	-9	-9	12.9	-9	-9	6.2	-9	-9	-9	244	-9	-9	-9	29.6	387	22.2	92	-9	
D	ESSS043		-9	0.822	7.231	74	16	21	47	-9	567	193	159	3.3738	13.2	43.2	-9	-9	17.9	26	-9	5.5	-9	-9	-9	173	-9	-9	4.5	36.9	353	25	47	-9	
D	ESSS044		-9	0.607	6.3	57	15.3	14	29	-9	503	124	99	1.5632	6.4	47.2	-9	-9	9.7	-9	-9	-9	-9	-9	-9	82	-9	-9	-9	26	216	32.4	40	2.4	
D	ESSS045		-9	-9	9.121	63	10	33	47	-9	568	323	185	3.5311	16.5	29.6	-9	-9	15.3	26	-9	5.6	-9	-9	-9	72	-9	-9	3	35.2	317	18.9	22	3.1	
D	ESSS046		-9	-9	7.895	57	12.2	76	49	-9	503	219	152	2.8796	13.5	34	-9	-																	

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se	
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
H1002																																			
D	ESSS066		-9	0.088	2.914	31	21.5	4	-9	-9	335	31	47	0.5364	5.2	22.2	-9	-9	5.4	-9	-9	-9	-9	-9	-9	-9	-9	-9	26.3	212	24.8	42	-9		
D	HMS001		-9	-9	6.851	57	12.3	8	45	-9	612	246	137	2.4213	14.4	29.8	-9	-9	16.8	-9	-9	-9	-9	-9	-9	94	-9	-9	28.7	304	17	31	-9		
D	HMS002		-9	-9	7.888	54	12	6	58	-9	673	325	167	3.3195	18.2	27.6	-9	-9	20.2	23	-9	7.5	-9	-9	-9	88	-9	-9	4.2	35.8	381	20.4	25	-9	
D	HMS003		-9	-9	7.02	46	14.6	10	42	-9	611	256	146	2.6618	17.5	35.1	-9	-9	15.5	20	-9	-9	-9	-9	-9	58	-9	-9	-9	35.5	407	18.6	24	3.1	
D	HMS004		0.012	-9	6.81	62	12.4	14	45	-9	602	221	135	2.2898	17.3	40.5	-9	-9	16.1	19	-9	-9	-9	-9	-9	113	-9	-9	5.2	33.1	324	23	20	2.3	
D	HMS005		-9	-9	7.756	54	28	9	63	-9	921	256	163	2.6741	21.6	32.2	-9	-9	22.5	24	-9	8.4	-9	-9	-9	104	-9	-9	5.4	38.1	373	25.6	29	3.8	
D	HMS006		-9	-9	7.244	63	13.7	5	56	-9	973	274	147	2.8529	14.7	29.1	-9	-9	13.7	-9	-9	6.6	-9	-9	-9	82	-9	-9	3.3	33.1	328	16.6	24	3.2	
D	HMS007		-9	-9	8.522	49	18	-9	45	-9	582	316	164	3.0568	15.5	37.4	-9	-9	14.8	23	-9	8.2	-9	-9	-9	68	-9	-9	3.8	34.3	307	11.8	22	4.4	
D	HMS008		-9	-9	7.561	52	9	4	29	-9	522	285	137	2.4861	13.6	32.5	-9	-9	13.8	-9	-9	-9	-9	-9	-9	63	-9	-9	4.2	28	284	12	33	3.8	
D	HMS009		-9	-9	8.142	49	13	3	54	-9	504	285	154	2.8356	14.5	21.7	-9	-9	14.7	-9	-9	5.7	-9	-9	-9	58	-9	-9	-9	32.3	341	12.9	29	2.6	
D	HMS010		-9	-9	8.081	58	13	-9	52	-9	593	352	173	3.3538	17.1	22.6	-9	-9	19.1	22	-9	6	-9	-9	-9	65	-9	-9	5.2	35.8	358	14.8	23	-9	
D	HMS011		-9	-9	7.34	62	10.7	10	61	-9	804	274	140	2.8452	16.4	28.6	-9	-9	16.9	22	-9	6.2	-9	-9	-9	75	-9	-9	4	34	367	17.3	24	-9	
D	HMS012		0.025	-9	7.371	69	12	11	50	-9	555	247	158	2.741	19.5	48.8	-9	-9	18.1	-9	-9	9	-9	-9	-9	70	114	-9	-9	5.3	43.4	395	35	20	3.2
D	HMS013		0.287	-9	6.443	77	8.4	10	61	-9	558	220	133	2.2657	19.8	61.5	-9	-9	14.8	20	-9	5.7	-9	-9	-9	72	146	-9	-9	3.3	36.6	354	31.4	23	-9
D	HMS014		-9	-9	6.802	59	13.3	6	56	-9	462	237	154	2.5164	19.7	38.7	-9	-9	18.9	22	-9	8.1	-9	-9	-9	105	-9	-9	-9	41.2	370	31.7	24	2.9	
D	HMS015		0.023	-9	6.36	60	10.6	8	49	-9	527	199	141	2.2178	18.2	43	-9	-9	15.4	20	-9	-9	-9	-9	-9	107	-9	-9	4.9	36.2	363	29.8	19	2.9	
D	HMS016		0.004	-9	6.566	59	9.8	12	47	-9	531	212	133	2.2132	21.8	48.1	-9	-9	16	21	-9	7.6	-9	-9	85	-9	108	-9	-9	5	35.6	348	41.5	22	3
D	HMS017		-9	-9	6.459	43	10.5	15	40	-9	581	203	132	1.863	16	33	-9	-9	15.7	-9	-9	-9	-9	-9	-9	48	-9	-9	6.9	27.8	261	13.5	17	3.6	
D	HMS018		-9	-9	7.02	49	10	6	59	-9	464	299	152	2.5562	14.7	31.6	-9	-9	17.4	-9	-9	-9	-9	-9	-9	73	-9	-9	4.2	32.7	329	17.1	26	3.6	
D	HMS019		0.338	-9	5.264	37	23	18	30	-9	491	210	114	1.6594	15.8	67.1	-9	-9	15.3	-9	-9	8	-9	-9	-9	162	-9	-9	3.1	27.2	287	21.6	19	2.9	
D	HMS020		-9	-9	6.778	43	25	13	45	-9	656	238	145	2.1491	23.1	35.4	-9	-9	20.2	25	4.4	7.5	-9	-9	-9	113	-9	-9	4.9	31.4	349	21.2	20	4.6	
D	HMS021		-9	-9	5.961	39	13.5	13	-9	-9	647	198	122	2.0764	19.1	25.3	-9	-9	14.1	-9	-9	-9	-9	-9	-9	62	-9	-9	5.2	29.8	347	19.6	21	-9	
D	HMS022		-9	-9	4.978	34	10.3	8	-9	-9	577	176	86	1.6631	13.4	19.9	-9	-9	10.3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	24.5	303	19.5	27	-9	
D	HMS023		0.034	0.286	4.371	52	11	5	60	-9	576	579	86	1.469	14.4	43.8	-9	-9	9.4	19	-9	-9	-9	-9	-9	88	-9	-9	2.8	21.7	238	29.3	29	-9	
D	HMS024		0.476	0.177	3.588	40	11.9	5	75	-9	430	2522	69	0.8277	15.8	144.5	-9	-9	10.7	19	3.2	-9	-9	-9	-9	68	-9	-9	-9	10.9	181	58	22	-9	
D	HMS025		0.048	-9	6.244	52	8.9	5	67	-9	501	386	120	1.9462	16.1	52.2	-9	-9	12.5	20	-9	4.9	-9	-9	-9	127	-9	-9	3.9	27.2	260	33.5	26	2.3	
D	HMS026		0.097	-9	5.538	34	8.2	17	92	-9	361	273	136	2.0239	16.6	37.9	-9	-9	20.3	20	3.1	5.1	-9	-9	-9	-9	127	-9	-9	5.4	30.8	305	18.1	22	3.2
D	HMS027		-9	-9	6.705	25	7.7	8	31	-9	314	188	118	1.7565	12.2	30.1	-9	-9	15	-9	-9	-9	-9	-9	-9	68	-9	-9	-9	26.7	258	14.3	20	-9	
D	HMS028		-9	-9	7.865	35	13.9	12	67	-9	377	533	118	0.7152	4.5	22.5	-9	-9	8.2	-9	-9	-9	-9	-9	-9	54	-9	-9	-9	11.4	99	8.5	24	-9	
D	HMS029		-9	-9	6.294	43	14.1	17	89	-9	388	382	147	2.2602	17.5	26.1	-9	-9	15.6	23	-9	-9	-9	-9	-9	111	-9	-9	6	31.3	302	21.9	77	2.5	
D	HMS030		0.044	-9	6.335	37	-9	2	58	-9	637	275	121	2.0659	14.9	38.8	-9	-9	16.2	26	3.7	7.5	-9	-9	-9	108	-9	-9	3.3	27.8	299	17.5	27	-9	
D	HMS031		0.035	-9	5.952	37	-9	4	66	-9	515	207	114	1.6203	15.6	51.8	-9	-9	14.3	-9	-9	-9	-9	-9	-9	140	-9	-9	3.7	25.8	262	16.5	13	-9	
D	HMS032		-9	-9	6.745	32	10.4	-9	54	-9	375	233	118	1.4249	11.3	30.1	-9	-9	15.1	26	-9	4.6	-9	-9	-9	96	-9	-9	2.8	14.9	234	11.4	12	-9	
D	HMS033		-9	-9	6.061	37	11.6	-9	87	-9	312	285	113	0.9283	15.2	26.5	-9	-9	17.7	22	-9	5	-9	-9	-9	64	-9	-9	-9	16.4	241	9.3	20	-9	
D	HMS034		-9	-9	6.5	47	8.4	3	183	-9	336	700	106	0.8501	13.9	20.2	-9	-9	15.1	19	-9	4.6	-9	-9	-9	101	-9	-9	2.3	13.6	199	7.6	18	-9	
D	HMS035		0.212	0.68	7.717	67	6	-9	303	-9	1671	849	156	0.8896	11.2	23.4	-9	-9	12	23	-9	-9	-9	-9	-9	297	-9	-9	-9	10.6	117	28.3	34	-9	
D	HMS036		-9	0.879	6.194	66	11.6	-9	296	-9	2875	796	101	0.7406	9.3	23	-9	-9	10.1	19	-9	5.6	-9	-9	-9	130	-9	-9	-9	13.3	159	16.3	30	-9	
D	HMS037		-9	-9	9.318	62	10	-9	411	-9	4571	1886	141	1.3343	10.3	16.2	-9	-9	7.5	24	-9	-9	-9	-9	-9	77	-9	-9	2.5	17.4	173	9.4	31	-9	
D	HMS038		-9	-9	11.594	86	22	-9	4745	-9	179283	5167	107	0.3322	9.5	13.8	-9	-9	-9	28	-9	15	-9	-9	-9	235	-9	-9	-9	8.8	48.4	9.2	52	-9	
D	HMS039		-9	-9	7.857	73	8	22	2500	-9	9565	3524	81	0.4803	5	17.2	-9	-9	-9	-9	-9	-9	-9	-9	91	-9	-9	-9	11.7	90	12.2	63	-9		
D	HMS040		-9	0.636	7.803	48	9	20	353	-9	1174	2456	123	1.906	12.7	23.7	-9	-9	13.1	24	-9	-9	-9	-9	51	-9	-9	2.9	20.4	207	16.2	80	-9		
D	HMS041		-9	-9	-9	46	8	15	286	-9	1315	1547	150	-9	15.4	14	-9	-9	12.7	23	-9	-9	-9	-9	-9	70	-9	-9	2.8	19.4	195	12.8	29	-9	
D	HMS042		0.034	-9	-9	46	11.2	3	74	-9	1559	417	132	0.1465	14.2	31.8	-9	-9	11.6	-9	-9	5.4	-9	-9	-9	116	-9	-9	3.3	25.9	262	16.3	32	2.3	
D	HMS043		0.097	-9	-9	39	9	-9	62	-9	491	292	139	0.2446	19.4	45.9	-9	-9	18.2	24	-9	7	-9	-9	-9	146	-9	-9	3.4	34.3	352	30.9	17	3.2	
D	HMS044		0.252	-9	-9	38	-9	-9	65	-9	478	283	148	0.4874	16.6	59.6	-9	-9	19	20	-9	9.9	-9	-9	156	-									

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se	
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
H1002																																			
D	HMS064	-9	-9	-9	49	9.5	9	53	-9	456	235	128	-9	14.4	32.3	-9	-9	16.1	21	-9	6.2	-9	-9	-9	-9	110	-9	-9	-9	30.6	312	30.3	31	-9	
D	HMS065	0.261	0.253	-9	28	10.4	8	-9	-9	280	68	60	0.5008	7	47.2	-9	-9	8.9	-9	-9	6.4	-9	-9	-9	-9	100	-9	-9	-9	23.2	156	23.7	120	-9	
D	HMS066	0.132	-9	-9	41	-9	12	37	-9	530	208	128	0.2992	16.4	43.4	-9	-9	15.1	-9	-9	-9	-9	-9	-9	-9	127	-9	-9	3.7	28.5	298	22.6	43	3.6	
D	HMS067	0.089	-9	-9	52	6.2	15	56	-9	554	249	129	0.2313	20	39.2	-9	-9	14.9	-9	-9	-9	-9	-9	-9	-9	150	-9	-9	3.7	31.6	307	24.8	39	4	
D	HMS068	0.058	-9	-9	33	9.5	8	14	-9	375	158	96	0.183	14.5	34.8	-9	-9	12.7	-9	-9	5	-9	-9	-9	-9	105	-9	-9	2.6	24.7	243	16	43	-9	
D	HMS069	-9	-9	-9	62	11.8	2	51	-9	1272	236	129	0.0771	13.7	32.8	-9	-9	10.2	-9	-9	-9	-9	-9	-9	-9	113	-9	-9	3.3	27.4	263	28.3	50	-9	
D	HMS070	0.07	-9	-9	43	8.2	3	67	-9	878	262	118	0.2026	13	37.8	-9	-9	11.6	-9	-9	-9	-9	-9	-9	-9	118	-9	-9	-9	25.1	249	19.8	39	-9	
D	HMS071	0.01	-9	-9	54	11.1	3	70	-9	896	281	123	0.1076	9.7	33.5	-9	-9	12.8	-9	-9	5.3	-9	-9	-9	-9	138	-9	-9	-9	26.6	263	30.6	46	-9	
D	HMS072	0.034	-9	-9	46	10.1	4	82	-9	739	303	125	0.1452	12.9	33.7	-9	-9	11.8	-9	-9	5.1	-9	-9	-9	-9	129	-9	-9	3.3	25.8	273	21.8	38	2.5	
D	HMS073	-9	0.074	-9	40	8.2	4	85	-9	596	500	132	-9	13.2	25.4	-9	-9	15.5	19	3.3	-9	-9	-9	-9	-9	85	-9	-9	2.8	20.4	227	15.9	36	3.1	
D	HMS074	-9	-9	-9	32	10.8	2	40	-9	432	295	133	-9	10.5	23.1	-9	-9	14.4	-9	-9	-9	-9	-9	-9	-9	83	-9	-9	-9	24.3	260	14.9	37	-9	
D	HMS075	-9	0.494	-9	37	10.1	-9	26	-9	682	310	120	0.0871	7.8	24.8	-9	-9	6.8	-9	-9	-9	-9	-9	-9	-9	84	-9	-9	-9	19.1	220	17.6	59	-9	
D	HMS076	-9	-9	-9	74	11	9	2541	-9	6535	3147	73	-9	8.6	10.7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	2.3	11.9	96	12	31	-9	
D	HMS077	-9	-9	-9	62	13.6	11	2175	-9	3146	5106	84	-9	6.3	16.7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	86	-9	-9	-9	10.8	100	16	46	-9	
D	HMS078	-9	-9	-9	101	13	25	852	-9	3912	12107	108	-9	12.8	13.9	-9	-9	5	34	-9	11.5	-9	-9	-9	-9	11	-9	-9	22.8	252	13.7	27	-9		
D	HMS079	-9	-9	-9	47	13	35	256	-9	752	3449	148	-9	12.3	14.5	-9	-9	9.5	24	-9	10.6	-9	-9	-9	-9	55	-9	-9	-9	18.9	223	13.9	21	-9	
D	HMS080	-9	-9	-9	46	15	-9	78	-9	628	468	162	-9	17.4	26.2	-9	-9	15.9	27	-9	6.4	-9	-9	-9	-9	80	-9	-9	3.8	27.8	282	19.2	25	-9	
D	HMS081	-9	-9	-9	41	10	4	71	-9	1082	525	129	-9	15.3	23	-9	-9	13.2	28	-9	-9	-9	-9	-9	-9	76	-9	-9	4.7	23.3	242	13.6	29	-9	
D	HMS082	-9	-9	-9	39	12	-9	104	-9	946	743	150	-9	9.7	27	-9	-9	14.7	24	-9	5.3	-9	-9	-9	-9	88	-9	-9	2.5	17.2	177	11.6	44	-9	
D	HMS083	-9	0.558	-9	43	13	-9	72	-9	1796	669	157	-9	11	20.9	-9	-9	10.1	45	-9	-9	-9	-9	-9	-9	83	-9	-9	4.1	17.3	192	12.7	68	-9	
D	HMS084	-9	1.256	-9	30	13	3	49	-9	573	410	137	-9	12.7	22.3	-9	-9	16.3	66	-9	8.3	-9	-9	-9	-9	66	-9	-9	6.2	24.8	278	14.5	136	-9	
D	HMS085	-9	-9	-9	21	13	-9	44	-9	322	473	197	-9	18.3	21.6	-9	-9	19.5	78	-9	6.5	-9	-9	-9	-9	-9	-9	-9	7.7	30.7	309	9.3	41	4.5	
D	HMS086	-9	1.754	-9	39	19.9	3	26	-9	519	315	99	-9	4.2	15.5	-9	-9	7.9	-9	-9	-9	-9	-9	-9	-9	57	-9	-9	-9	17.7	159	13.9	56	-9	
D	HMS087	-9	-9	-9	78	5.9	8	77	-9	1036	247	133	0.0658	12.4	38.6	-9	-9	16	19	-9	6.4	-9	-9	-9	-9	116	-9	-9	3.4	30.9	300	27.8	33	2.2	
D	HMS089	0.12	-9	-9	112	8.2	10	77	-9	1669	228	127	0.2806	13.3	39.8	-9	-9	15.1	19	-9	-9	-9	-9	-9	-9	172	-9	-9	2.8	29.1	278	31	44	-9	
D	HMS090	0.215	-9	-9	78	6.5	8	50	-9	1250	223	131	0.4289	12	44.4	-9	-9	15.6	19	-9	-9	-9	-9	-9	78	-9	-9	4.2	29.3	290	30.8	58	3.1		
D	HMS091	0.127	0.865	-9	49	9.1	7	16	-9	568	244	124	0.2918	16.2	34.1	-9	-9	13.8	-9	-9	5.7	-9	-9	-9	-9	111	-9	-9	-9	26.6	302	29.5	65	-9	
D	HMS092	-9	-9	-9	44	8.9	2	62	-9	598	293	124	-9	11.8	33.8	-9	-9	13	-9	-9	-9	-9	-9	-9	-9	82	-9	4.3	-9	24.9	256	18.1	42	2	
D	HMS093	-9	0.186	-9	55	10.8	3	115	-9	539	486	150	-9	12	32.1	-9	-9	12.8	19	-9	6.6	-9	-9	-9	-9	147	-9	-9	-9	23.5	247	18.8	46	3.4	
D	HMS094	-9	0.757	-9	66	10	5	170	-9	698	581	139	-9	11.1	31.1	-9	-9	12.4	23	-9	6.2	-9	-9	-9	-9	127	-9	-9	3	21.4	208	30.8	55	2.4	
D	HMS095	-9	1.308	-9	47	16.5	-9	123	-9	517	372	92	-9	6.1	25	-9	-9	7.6	-9	-9	-9	-9	-9	-9	-9	68	-9	-9	-9	16.1	131	13.1	56	-9	
D	HMS096	-9	0.198	-9	57	9.7	4	221	-9	1311	599	126	-9	7.9	39.3	-9	-9	12.6	-9	-9	5.8	-9	-9	-9	-9	93	-9	-9	-9	17.3	161	17.1	47	-9	
D	HMS097	-9	0.594	-9	45	16.3	-9	107	-9	661	453	116	0.0814	10	38.2	-9	-9	10.8	-9	-9	-9	-9	-9	-9	-9	93	-9	-9	3.8	18.4	190	17.1	49	-9	
D	HMS098	0.125	0.829	-9	35	10.4	2	76	-9	679	331	93	0.2889	11	43.3	-9	-9	10.9	-9	-9	-9	-9	-9	-9	-9	109	-9	-9	3.4	24.6	257	25.7	56	-9	
D	HMS099	-9	1.01	-9	50	7.3	5	108	-9	551	746	138	-9	8.9	32.6	-9	-9	12.7	19	-9	-9	-9	-9	-9	-9	97	-9	-9	3.6	13.6	149	12	37	-9	
D	HMS100	-9	1.695	-9	55	7.8	-9	93	-9	623	665	143	-9	4.7	35.7	-9	-9	11.5	19	-9	5.1	-9	-9	-9	-9	70	-9	-9	2.4	10.4	98	10.2	50	-9	
D	HMS101	-9	0.948	-9	46	12	-9	102	-9	535	835	171	-9	7.3	24.9	-9	-9	13.8	26	-9	-9	-9	-9	-9	-9	96	-9	-9	3.2	10.1	87	8.7	47	-9	
D	HMS102	-9	0.619	-9	40	19	3	70	-9	587	646	151	-9	10.8	32.9	-9	-9	13	28	-9	8.1	-9	-9	-9	-9	84	-9	-9	-9	20.7	181	14.9	67	-9	
D	HMS103	-9	-9	-9	36	14	3	47	-9	514	356	174	-9	17.5	23.9	-9	-9	16.4	44	-9	9.2	-9	-9	-9	-9	-9	-9	-9	6.2	28.7	294	18	87	3.1	
D	HMS104	-9	-9	-9	30	16	-9	26	-9	409	380	186	-9	15.4	19.1	-9	-9	16.6	53	-9	10	-9	-9	-9	-9	-9	-9	-9	5	29.2	303	23.8	105	3.8	
D	HMS105	-9	1.092	-9	29	12	-9	38	-9	513	510	161	-9	16	18.1	-9	-9	15.5	58	-9	5.7	-9	-9	-9	-9	53	-9	-9	4.9	26.2	255	19.7	135	4.2	
D	HMS106	0.219	-9	-9	49	14.6	4	22	-9	828	258	109	0.4355	16.6	65.1	-9	-9	13.9	-9	-9	6.6	-9	-9	-9	-9	128	-9	-9	-9	32.2	294	42.6	36	-9	
D	HMS107	-9	-9	-9	52	14	5	69	-9	619	373	125	0.0885	17.2	35.6	-9	-9	16	22	-9	7.7	-9	-9	-9	-9	99	-9	4.3	4.2	34.7	325	33.3	29	-9	
D	HMS108	-9	-9	-9	63	12.8	4	113	-9	735	638	125	-9	15.5	29.9	-9	-9	15.6	22	-9	8.9	-9	-9	-9	-9	100	-9	-9	3.2	33.8	311	31.2	29	-9	
D	HMS109	-9	-9	-9	50	14	5	382	-9	1003	2826	146	-9	16.6	23.7	-9	-9	10	-9	-9	5.3	-9	-9	-9	-9	63	-9	-9	4.8	27.7	238	22.8	31	-9	
D	HMS110	-9	-9	-9	67	29	-9	3110	-9	24116	6576	94	-9	10.7	5.1	-9	-9	-9	28	-9	14</														

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se	
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
H1002																																			
D	HMS129		-9	-9	-9	52	7	8	38	-9	752	288	170	-9	18.2	32	-9	-9	17.9	25	-9	7.1	-9	-9	-9	-9	81	-9	-9	-9	37.2	363	22.5	19	4.6
D	HMS130		-9	0.162	-9	51	21	4	32	-9	714	248	144	0.0429	13.9	35.7	-9	-9	11.2	-9	-9	-9	-9	-9	-9	73	-9	-9	5	25.9	296	22.4	25	-9	
D	HMS131		-9	-9	-9	51	12	4	37	-9	733	346	166	-9	17.6	34.8	-9	-9	14.1	22	-9	7.4	-9	-9	-9	54	-9	-9	3.6	33	342	23.8	18	3.8	
D	HMS132		-9	-9	-9	60	14	5	47	-9	779	293	178	-9	14.5	33.1	-9	-9	16.6	23	-9	9.9	-9	-9	-9	69	-9	-9	4.4	36.2	333	27.3	18	4	
D	HMS133		0.022	-9	-9	63	11	6	73	-9	672	292	159	0.1266	18.8	41.9	-9	-9	19	24	-9	7.1	-9	-9	-9	98	-9	-9	4.8	37.2	368	32.6	20	3	
D	HMS134		-9	-9	-9	72	11	8	76	-9	784	321	167	-9	19.6	36.6	-9	-9	18.4	27	3.7	8.2	-9	-9	-9	91	-9	-9	4.6	37.9	355	33.4	20	3.3	
D	HMS135		-9	-9	-9	50	8.1	6	27	-9	626	207	133	-9	18	30.6	-9	-9	15.9	-9	-9	5	-9	-9	-9	69	-9	-9	4.5	32.2	326	29.8	28	-9	
D	HMS136		-9	-9	-9	59	13	8	34	-9	682	293	165	-9	17.4	28.4	-9	-9	16.9	27	-9	8	-9	-9	-9	67	-9	-9	5.3	38.6	362	31.8	20	3.3	
D	HMS137		-9	-9	-9	55	12	9	35	-9	674	269	163	-9	18.7	35.8	-9	-9	19.5	26	-9	-9	-9	-9	-9	83	-9	-9	7	40.4	366	30.3	20	5.9	
D	HMS138		-9	0.111	-9	55	15	7	29	-9	749	253	153	-9	16.3	36.8	-9	-9	19.3	26	-9	-9	-9	-9	-9	80	-9	-9	4.5	38	347	32.3	20	3.3	
D	HMS139		-9	-9	-9	40	13	9	21	-9	472	183	128	-9	16.4	30.6	-9	-9	13.4	19	-9	5.9	-9	-9	-9	78	-9	-9	-9	32.6	329	28.2	34	3.3	
D	HMS140		-9	-9	-9	47	9	11	-9	-9	449	205	148	-9	16	43.4	-9	-9	13.8	23	-9	6.3	-9	-9	-9	90	-9	-9	3.7	28.9	326	41.3	40	5.1	
D	HMS141		-9	-9	-9	57	7	12	69	-9	494	244	148	-9	18.3	32.4	-9	-9	16.4	27	-9	7	-9	-9	-9	81	-9	-9	4.6	36.8	351	36.9	21	5.8	
D	HMS142		-9	-9	-9	49	15	5	44	-9	576	265	154	-9	17.9	32.3	-9	-9	16.7	29	-9	6.3	-9	-9	-9	67	-9	-9	-9	34.6	348	26.8	26	3.4	
D	HMS143		-9	-9	-9	52	9	10	61	-9	569	271	156	-9	17.4	27.6	-9	-9	19.9	22	-9	8.9	-9	-9	-9	77	-9	-9	-9	4.6	39.7	391	30.9	21	3
D	HMS144		-9	-9	-9	46	12	8	24	-9	599	235	143	-9	17.3	27.2	-9	-9	16.3	-9	-9	6.6	-9	-9	-9	57	-9	-9	5.1	34.1	367	25.7	22	2.4	
D	HMS145		-9	-9	-9	38	11	8	-9	-9	557	251	150	-9	21.1	35.1	-9	-9	18.4	28	-9	5	-9	-9	-9	88	-9	-9	4.8	36.6	362	34.4	18	2.9	
D	HMS146		-9	-9	-9	48	6.7	4	38	-9	653	224	135	-9	16.3	28.1	-9	-9	13.7	20	-9	-9	-9	-9	-9	83	-9	-9	3.6	31.8	339	32.3	32	2.2	
D	HMS147		-9	0.31	-9	46	8.3	4	30	-9	562	260	148	-9	14.6	31.8	-9	-9	13.8	29	-9	6	-9	-9	-9	102	-9	-9	3.9	26.3	266	29.1	33	4	
D	HMS148		-9	1.243	-9	38	8.2	3	104	-9	709	638	141	-9	8.8	21.6	-9	-9	11.7	23	-9	-9	-9	-9	-9	91	-9	-9	2.8	11.8	135	17.7	48	-9	
D	HMS149		-9	1.498	-9	40	12.3	2	54	-9	771	359	81	0.0363	-9	23.4	-9	-9	7	-9	-9	-9	-9	-9	-9	66	-9	-9	-9	9.7	54.9	6.9	54	-9	
D	HMS150		-9	2.032	-9	43	11	-9	86	-9	853	570	144	-9	8.6	27.1	-9	-9	31	10.9	50	-9	7.7	-9	-9	-9	73	-9	-9	3	18.6	164	21.3	59	3.9
D	HMS151		-9	0.888	-9	40	11	-9	60	-9	761	505	152	-9	12.7	19.6	-9	-9	14.5	38	-9	5.2	-9	-9	-9	60	-9	-9	3.3	21	209	21	36	3	
D	HMS152		-9	2.063	-9	45	10.2	-9	31	-9	700	260	119	-9	10.5	27.4	-9	23	9.6	29	-9	4.8	-9	-9	-9	53	-9	-9	-9	21	186	20.2	38	3	
D	HMS153		-9	0.352	-9	64	10	5	35	-9	2489	293	137	-9	14.3	24.7	-9	-9	14.3	21	-9	-9	-9	-9	-9	55	-9	-9	4.7	29.6	285	25.8	30	2.9	
D	HMS154		-9	-9	-9	50	20	4	40	-9	566	236	151	-9	15.8	25.1	-9	-9	16.1	19	-9	5.3	-9	-9	-9	-9	-9	-9	4	32.1	296	24	22	2.3	
D	HMS155		-9	-9	-9	49	12.7	8	39	-9	587	238	137	-9	18.1	26.3	-9	-9	15.4	-9	-9	-9	-9	-9	-9	90	-9	-9	4.8	28	299	25	23	-9	
D	HMS156		-9	-9	-9	50	12	11	56	-9	623	303	169	-9	19.2	19.9	-9	-9	19	28	3.9	7.4	-9	-9	-9	70	-9	-9	5.8	37.5	360	27.6	21	5.5	
D	HMS157		-9	-9	-9	42	11	7	39	-9	559	260	161	-9	17	21.6	-9	-9	17.8	30	-9	7.2	-9	-9	-9	71	-9	-9	4.7	38.1	358	28.1	19	4.3	
D	HMS158		-9	1.597	-9	39	10.1	5	43	-9	605	291	134	-9	14.3	26.7	-9	-9	14.4	22	-9	5.5	-9	-9	-9	54	-9	-9	3.1	26.9	288	23.2	23	-9	
D	HMS159		-9	0.151	-9	37	8.7	3	40	-9	535	334	144	-9	15.3	17.6	-9	-9	15.4	26	-9	7.1	-9	-9	-9	-9	-9	-9	4.4	33.9	398	24.8	24	-9	
D	HMS160		-9	0.423	-9	42	6.5	5	45	-9	641	272	151	-9	14.5	23.1	-9	-9	18.4	26	-9	8.1	-9	-9	-9	59	-9	-9	3	32.3	361	26.6	23	-9	
D	HMS161		-9	0.803	-9	46	7.2	6	77	-9	598	343	150	-9	13.5	21.1	-9	-9	17.5	31	3.9	6.2	-9	-9	-9	59	-9	-9	-9	33	352	25.7	27	-9	
D	HMS162		-9	-9	-9	40	7.2	4	80	-9	587	344	153	-9	20.9	17.3	-9	-9	18	30	-9	6.6	-9	-9	-9	74	-9	-9	4.3	39.5	433	29.7	24	2.8	
D	HMS163		-9	-9	-9	45	10.1	-9	21	-9	666	204	130	-9	16.3	12.5	-9	-9	10.5	19	-9	9	-9	-9	-9	-9	-9	-9	-9	42.1	443	24.9	26	-9	
D	HMS164		-9	-9	-9	32	13	3	62	-9	495	592	199	-9	18.7	21.9	-9	-9	16.5	30	-9	13.5	-9	-9	-9	-9	-9	-9	4.5	30.8	311	20.9	19	4.2	
D	HMS179		-9	0.094	-9	52	12	6	31	-9	671	304	157	-9	18.9	33.5	-9	-9	18.5	22	-9	7.1	-9	-9	-9	85	-9	-9	3.2	33.5	284	36	23	4.6	
D	HMS180		-9	-9	-9	47	11	7	31	-9	1337	374	169	-9	17.3	28.9	-9	-9	15	-9	-9	9.1	-9	-9	-9	111	-9	-9	5.8	30.2	290	31.9	22	4.4	
D	HMS181		-9	-9	-9	53	15	4	31	-9	880	301	154	-9	15.1	31.4	-9	-9	19.7	24	-9	8.5	-9	-9	-9	105	-9	-9	4.3	30.1	297	32.5	23	3.1	
D	HMS182		-9	-9	-9	47	11	6	31	-9	756	323	163	-9	18.4	33.7	-9	-9	15.8	27	-9	7.3	-9	-9	-9	89	-9	-9	6.5	32.4	315	29.7	21	4	
D	HMS183		-9	-9	-9	56	12	5	47	-9	756	329	160	-9	15.8	36.7	-9	-9	18.2	20	-9	9.2	-9	-9	-9	86	-9	-9	5.5	29.3	290	32.2	23	4.3	
D	HMS184		-9	0.686	-9	64	13	3	41	-9	1768	245	122	-9	14.4	34	-9	-9	14.5	-9	3.3	6.2	-9	-9	-9	78	-9	-9	4.5	27.4	245	39.5	33	3.9	
D	HMS185		-9	-9	-9	60	12	-9	44	-9	759	351	158	-9	14.3	27.4	-9	-9	13.1	25	-9	-9	-9	-9	-9	-9	-9	-9	3.6	28.4	292	27.8	19	2.9	
D	HMS186		-9	-9	-9	52	10	-9	66	-9	2286	318	182	-9	18	21.6	-9	-9	17.4	23	-9	7.7	-9	-9	-9	-9	-9	-9	45.1	408	27	16	-9		
D	HMS187		-9	-9	-9	47	24	6	131	-9	867	322	247	-9	20.1	13.9	-9	-9	24	28	-9	9.9	-9	-9	-9	130	-9	-9	6.6	43.9	432	23.2	16	-9	
D	HMS205		-9	-9	-9	38	13.5	5	-9	-9	475	188	117	0.0363	18.1	28.5	-9	-9	13.6	-9	-9	-9	-9	-9	-9	72	-9	-9	5.1	35.2	346	46.3	15	-9	
D	HMS206		-9	-9	-9	29	8	5	56	-9																									

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002																																		
D	HMS224		-9	0.25	-9	49	12	-9	32	-9	746	320	144	-9	12.9	16.5	-9	-9	15.7	22	-9	6.7	-9	-9	-9	58	-9	-9	4.6	36.2	364	33.2	66	-9
D	HMS225		-9	0.436	-9	66	6.6	-9	35	-9	1043	373	165	-9	13.9	10.5	-9	-9	14.3	-9	-9	6.2	-9	-9	-9	-9	-9	-9	49.3	450	31.7	47	-9	
D	HMS231		0.058	-9	-9	42	15.7	10	-9	-9	1406	152	100	0.1836	16	39.5	-9	-9	13.2	-9	-9	4.8	-9	-9	-9	102	-9	-9	5.5	26.6	271	41.6	46	1.8
D	HMS232		0.072	-9	-9	51	12.3	12	30	-9	983	222	121	0.2059	16.3	53.5	-9	-9	13.9	-9	-9	5.8	-9	-9	-9	157	-9	-9	5.8	26.2	252	34.2	24	4.2
D	HMS233		-9	1.199	-9	54	7.3	3	51	-9	772	272	118	0.0525	9.7	46.1	-9	-9	10.6	-9	-9	6.1	-9	-9	-9	111	-9	-9	4.2	16.2	157	34.2	31	5.9
D	HMS234		-9	1.196	-9	54	5.1	2	51	-9	2405	208	92	0.0414	4.6	45.8	-9	-9	8.1	-9	-9	-9	-9	-9	-9	115	-9	-9	2.2	11.9	93.8	40.1	41	4.4
D	HMS235		0.035	-9	-9	69	13.5	10	21	-9	533	161	103	0.1469	17.4	39.3	-9	-9	14.1	-9	-9	8.6	-9	-9	87	-9	108	-9	4.8	27.8	283	41.3	41	-9
D	HMS236		0.036	-9	-9	56	16.1	5	32	-9	459	191	116	0.1496	14.7	46.6	-9	-9	14.9	-9	-9	-9	-9	-9	-9	105	-9	-9	4.1	29.7	296	36.5	16	2.1
D	HMS237		-9	-9	-9	61	8.7	2	59	-9	696	245	144	-9	16.1	25	-9	-9	14.7	21	-9	-9	-9	-9	-9	71	-9	-9	-9	30	332	37.6	19	-9
D	HMS238		-9	-9	-9	64	7	-9	83	-9	793	284	153	-9	18.5	24.2	-9	-9	17.5	-9	-9	7.9	-9	-9	-9	-9	-9	-9	-9	33	333	43.6	13	-9
D	HMS239		-9	-9	-9	52	7.7	-9	28	-9	743	208	140	-9	16	33.2	-9	-9	15.9	-9	-9	-9	-9	-9	-9	-9	-9	-9	3	30.5	310	33.7	17	-9
D	HMS240		-9	-9	-9	47	18.7	4	22	-9	600	143	116	0.076	13.8	27.9	-9	-9	14.1	-9	-9	-9	-9	-9	-9	84	-9	-9	4	28.2	308	34.9	36	-9
D	HMS241		-9	-9	-9	46	17	7	27	-9	674	303	143	-9	14.5	28.6	-9	-9	15.3	21	-9	6	-9	-9	-9	68	-9	-9	4.2	35	356	33.2	19	-9
D	HMS242		-9	-9	-9	55	16	2	32	-9	804	296	153	-9	16.5	26.4	-9	-9	18	-9	-9	7.4	-9	-9	-9	52	-9	-9	3.5	31.8	345	38.2	17	2.6
D	HMS243		-9	-9	-9	56	16	6	40	-9	710	232	132	-9	13.5	33.8	-9	-9	16	-9	-9	7	-9	-9	-9	78	81	-9	5.6	31.1	326	28	27	2.3
D	HMS244		-9	1.713	-9	51	18	9	54	-9	645	343	159	-9	20.3	39.4	-9	-9	18.5	29	-9	-9	-9	-9	-9	88	-9	-9	6.2	38.3	364	23.8	21	5.1
D	HMS245		-9	-9	-9	49	8	3	44	-9	590	280	141	-9	16.9	31.1	-9	-9	13	19	-9	7.6	-9	-9	-9	53	-9	-9	3.6	30.9	328	29.3	20	-9
D	HMS246		-9	-9	-9	50	11	-9	38	-9	650	255	157	-9	13.6	32.6	-9	-9	15.4	19	-9	9	-9	-9	-9	-9	-9	5.3	32.8	343	29.2	19	3.6	
D	HMS247		-9	-9	-9	53	6.2	7	45	-9	499	226	141	-9	18.6	31.9	-9	-9	15.1	-9	-9	6.5	-9	-9	-9	84	-9	-9	37.1	370	39.9	16	2.7	
D	HMS248		-9	-9	-9	53	8	7	50	-9	526	238	137	-9	15.9	27.9	-9	-9	15.3	-9	-9	-9	-9	-9	-9	61	-9	-9	3.1	35.8	363	35.4	13	-9
D	HMS249		-9	-9	-9	43	6.6	8	-9	-9	453	177	121	0.0684	13	32.4	-9	-9	13.4	-9	-9	-9	-9	-9	-9	84	-9	-9	2.9	28.8	306	35.6	44	2.1
D	HMS250		-9	-9	-9	55	12.7	61	31	-9	720	166	118	0.0668	17.1	35.1	-9	-9	12.8	-9	-9	-9	-9	-9	-9	91	-9	-9	33.8	316	41.2	31	-9	
D	HMS251		0.145	1.666	-9	33	24.9	8	38	-9	517	96	94	0.3196	11	35.7	-9	-9	10.8	-9	-9	-9	-9	-9	-9	144	-9	-9	24.8	225	26.4	141	-9	-9
D	HMS252		0.035	3.012	-9	54	-9	6	57	-9	1591	180	137	0.147	14.9	43.9	-9	-9	16.2	-9	-9	7	-9	-9	-9	174	-9	-9	3.7	27	266	41	150	3
D	HMS253		-9	0.106	-9	30	11.2	4	33	-9	364	160	121	-9	10.4	39.2	-9	-9	14.4	-9	-9	-9	-9	-9	-9	50	-9	-9	3.3	30.7	313	28	61	-9
D	HMS254		-9	-9	-9	37	7.3	-9	39	-9	483	254	148	-9	14.2	43.1	-9	-9	16.2	-9	-9	-9	-9	-9	-9	65	-9	-9	4.1	33.2	338	30.3	25	4.1
D	HMS255		-9	0.07	-9	25	20	3	-9	-9	405	90	67	0.0454	8.9	53.5	-9	-9	7.1	-9	-9	-9	-9	-9	-9	58	-9	-9	2.4	15.7	107.4	7.7	33	1.9
D	HMS256		-9	-9	-9	51	10	6	21	-9	615	222	144	-9	21.4	44.4	-9	-9	16.2	-9	-9	7.6	-9	-9	-9	73	-9	-9	4.8	38.4	358	49.3	18	4.8
D	HMS257		-9	-9	-9	47	13.6	5	22	-9	539	216	133	-9	16.7	30.2	-9	-9	13.3	-9	-9	5.9	-9	-9	-9	89	-9	-9	5.7	31.6	305	37.1	27	2.6
D	HMS258		-9	-9	-9	49	13	4	27	-9	671	249	150	-9	18.5	30.7	-9	-9	16.6	21	-9	-9	-9	-9	61	90	-9	-9	5.5	33.2	339	40.8	21	3.7
D	SBSS001		0.116	0.03	0.188	17	8	-9	-9	-9	230	13	32	0.184	4	20	-9	-9	4	-9	-9	-9	-9	-9	-9	55	-9	-9	9	370	34	14	-9	-9
D	SBSS002		0.227	0.031	0.129	17	5	-9	-9	-9	223	20	36	0.237	3	33	-9	-9	4	-9	-9	5	-9	-9	-9	102	-9	-9	4	10	427	44	16	-9
D	SBSS003		0.192	-9	0.162	18	5	-9	-9	-9	240	23	35	0.267	6	28	-9	-9	5	-9	-9	-9	-9	-9	-9	105	-9	-9	9	11	338	36	17	-9
D	SBSS004		0.335	0.033	0.11	19	8	-9	-9	-9	231	22	38	0.272	7	37	-9	-9	5	-9	-9	-9	-9	-9	-9	139	-9	-9	9	10	284	42	11	-9
D	SBSS005		0.317	-9	1.313	29	93	-9	-9	-9	227	43	45	0.183	10	40	-9	-9	6	-9	3	-9	-9	-9	-9	103	-9	-9	7	241	25	12	-9	-9
D	SBSS006		0.456	-9	0.377	17	13	-9	-9	-9	225	25	39	0.229	6	48	-9	-9	6	-9	-9	-9	-9	-9	-9	145	-9	-9	3	12	409	40	17	-9
D	SBSS007		0.247	-9	0.089	15	7	-9	-9	-9	221	23	39	0.248	7	39	-9	-9	5	-9	-9	-9	-9	-9	-9	122	-9	-9	14	496	45	15	-9	-9
D	SBSS008		0.285	-9	0.37	18	8	-9	-9	-9	221	23	41	0.247	6	34	-9	-9	5	-9	-9	-9	-9	-9	-9	98	-9	-9	12	399	36	14	-9	-9
D	SBSS009		0.242	-9	0.352	16	6	-9	-9	-9	220	20	37	0.241	7	34	-9	-9	5	-9	-9	-9	-9	-9	-9	98	-9	-9	11	444	39	15	-9	-9
D	SBSS010		0.32	-9	0.318	17	7	-9	-9	-9	223	28	43	0.28	9	46	-9	-9	7	-9	-9	4	-9	-9	-9	137	-9	-9	14	435	42	16	-9	-9
D	SBSS011		0.172	0.029	0.224	17	4	-9	-9	-9	221	25	37	0.245	6	25	-9	-9	3	-9	-9	5	-9	-9	-9	87	-9	-9	13	471	44	13	-9	-9
D	SBSS012		0.468	-9	0.245	20	-9	-9	-9	-9	234	35	42	0.236	3	39	-9	-9	4	-9	-9	-9	-9	-9	-9	163	-9	-9	3	9	254	38	13	-9
D	SBSS013		0.466	0.034	0.155	14	-9	-9	-9	-9	230	38	44	0.259	4	42	-9	-9	4	41	-9	-9	-9	-9	-9	134	-9	-9	9	9	212	42	11	-9
D	SBSS014		0.497	0.038	0.155	16	-9	-9	-9	-9	229	39	47	0.254	4	45	-9	-9	6	29	-9	-9	-9	-9	-9	153	-9	-9	7	189	34	14	-9	-9
D	SBSS015		0.078	0.035	0.19	21	3	-9	-9	-9	222	27	32	0.226	3	13	-9	-9	-9	61	-9	-9	-9	-9	-9	61	-9	-9	9	10	183	45	10	-9
D	SBSS016		0.1	0.033	0.17	15	-9	-9	-9	-9	223	21	32	0.23	4	10	-9	-9	-9	167	-9	-9	-9	-9	-9	-9	-9	-9	6	166	35	9	-9	-9
D	SBSS017		0.927	-9	0.034	15	6	2	-9	-9	244	58	56	0.322	10	97	-9	-9	8	32	3	-9	-9	-9	-9									

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se	
H1001		%	%	%	ppm	%	ppm																												
H1002																																			
D	SBSS035	0.451	-9	0.34	20	8	-9	-9	-9	249	29	43	0.33	14	52	-9	-9	6	-9	3	-9	-9	-9	-9	-9	213	-9	-9	-9	14	334	62	21	-9	
D	SBSS036	0.456	-9	0.176	18	4	-9	-9	-9	234	34	41	0.254	4	47	-9	-9	6	-9	4	-9	-9	-9	-9	-9	124	-9	-9	-9	8	207	27	12	-9	
D	SBSS037	0.557	0.035	0.163	17	10	-9	-9	-9	235	50	49	0.221	6	67	-9	-9	7	-9	3	-9	-9	-9	-9	-9	210	-9	-9	-9	12	291	34	15	-9	
D	SBSS038	0.145	0.038	0.149	17	5	-9	-9	-9	222	12	31	0.194	5	26	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	79	-9	-9	-9	13	523	29	17	-9	
D	SBSS039	0.283	0.033	0.191	17	10	-9	-9	-9	228	22	37	0.258	4	35	-9	-9	5	-9	3	-9	-9	-9	-9	-9	98	-9	-9	-9	10	410	30	17	-9	
D	SBSS040	0.497	-9	0.264	20	11	-9	-9	-9	232	32	44	0.273	6	55	-9	-9	8	-9	-9	4	-9	-9	-9	-9	140	-9	-9	3	13	443	33	22	-9	
D	SBSS041	0.088	0.037	0.145	17	10	-9	-9	-9	227	14	35	0.222	5	21	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	83	-9	-9	-9	11	415	34	16	-9	
D	SBSS042	0.863	-9	0.401	17	34	7	-9	-9	244	61	56	0.251	6	93	-9	-9	9	-9	-9	-9	-9	-9	-9	-9	222	-9	-9	2	10	220	38	14	-9	
D	SBSS043	0.444	0.038	0.17	17	5	-9	-9	-9	228	35	42	0.247	7	58	-9	-9	6	-9	3	-9	-9	-9	-9	-9	152	-9	-9	-9	10	418	46	21	-9	
D	SBSS044	0.587	-9	0.242	19	14	-9	-9	-9	240	53	47	0.276	6	62	-9	-9	7	-9	3	5	-9	-9	-9	-9	182	-9	-9	-9	11	267	33	20	-9	
D	SBSS045	0.442	0.034	0.15	17	5	3	-9	-9	228	32	41	0.259	6	40	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	127	-9	-9	-9	9	242	29	17	-9	
D	SBSS046	0.248	0.043	0.146	17	-9	-9	-9	-9	224	22	35	0.243	-9	24	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	88	-9	-9	-9	8	290	23	20	-9	
D	SBSS047	0.057	0.149	0.28	23	10	-9	-9	-9	262	21	36	0.368	12	20	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	58	-9	-9	-9	31	336	30	62	-9	
D	SBSS048	0.048	0.138	0.338	21	10	-9	-9	-9	263	17	38	0.365	10	18	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	68	-9	-9	-9	31	323	27	57	-9	
D	SBSS049	0.61	0.036	0.306	21	18	-9	-9	-9	231	44	47	0.355	8	79	-9	-9	9	-9	-9	-9	-9	-9	-9	-9	216	-9	-9	-9	16	403	45	26	-9	
D	SBSS050	0.585	-9	0.29	19	9	-9	-9	-9	225	40	50	0.387	11	77	-9	-9	11	-9	-9	-9	-9	-9	-9	-9	197	-9	-9	-9	19	489	57	21	-9	
D	SBSS051	0.691	-9	0.254	20	7	-9	-9	-9	234	36	47	0.262	9	90	-9	-9	9	-9	3	-9	-9	-9	-9	-9	219	-9	-9	-9	12	285	34	15	-9	
D	SBSS052	0.638	-9	0.297	17	7	3	-9	-9	229	36	46	0.25	6	75	-9	-9	8	-9	3	5	-9	-9	-9	-9	272	-9	-9	-9	12	366	34	15	-9	
D	SBSS053	1.06	-9	0.356	19	17	-9	-9	-9	245	50	54	0.267	8	106	-9	-9	10	-9	4	-9	-9	-9	-9	-9	319	-9	-9	-9	9	249	32	18	-9	
D	SBSS054	0.354	0.034	0.191	17	14	-9	-9	-9	232	25	43	0.299	8	53	-9	-9	8	-9	3	-9	-9	-9	-9	-9	137	-9	-9	-9	15	343	40	21	-9	
D	SBSS055	1.084	-9	0.02	24	74	2	-9	-9	275	74	62	0.296	10	138	-9	-9	12	18	4	-9	-9	-9	-9	-9	392	-9	-9	3	11	259	52	28	-9	
D	SBSS056	0.465	-9	0.555	18	17	-9	-9	-9	243	33	41	0.271	4	44	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	114	-9	-9	-9	7	168	18	14	-9	
D	SBSS057	0.295	-9	0.152	17	8	-9	-9	-9	228	20	37	0.208	3	35	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	111	-9	-9	-9	8	258	20	16	-9	
D	SBSS058	0.61	-9	0.316	21	12	-9	-9	-9	240	33	51	0.33	8	78	-9	-9	8	-9	3	-9	-9	-9	-9	-9	228	-9	-9	-9	15	329	41	33	-9	
D	SBSS059	1.098	-9	0.094	21	13	-9	-9	-9	236	47	65	0.386	10	133	-9	-9	13	-9	5	-9	-9	-9	-9	-9	432	-9	-9	-9	19	345	51	34	-9	
D	SBSS060	0.662	-9	0.219	19	18	-9	-9	-9	235	35	47	0.313	6	80	-9	-9	7	-9	-9	-9	-9	-9	-9	-9	172	-9	-9	-9	13	302	35	16	-9	
D	SBSS061	1.183	-9	1.526	22	37	17	-9	-9	246	85	73	0.344	11	147	-9	-9	12	18	3	-9	-9	-9	-9	-9	51	367	-9	-9	3	13	277	53	32	-9
D	SBSS062	0.829	-9	0.794	20	28	9	-9	-9	247	55	58	0.308	12	122	-9	-9	12	-9	2	-9	-9	-9	-9	-9	276	-9	-9	2	13	293	50	27	-9	
D	SBSS063	0.756	-9	0.449	19	18	2	-9	-9	253	44	48	0.252	6	87	-9	-9	8	-9	-9	5	-9	-9	-9	-9	192	-9	-9	-9	10	242	31	13	-9	
D	SBSS064	1.532	-9	0.031	20	4	-9	-9	-9	274	54	60	0.371	8	192	-9	-9	16	17	3	-9	-9	-9	-9	-9	459	-9	-9	-9	16	307	43	18	-9	
D	SBSS065	0.835	0.033	0.267	17	25	-9	-9	-9	253	40	47	0.243	5	92	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	218	-9	-9	-9	10	257	35	20	-9	
D	SBSS066	1.508	-9	0.033	22	54	-9	16	-9	287	81	69	0.286	17	185	-9	-9	15	-9	4	-9	-9	-9	-9	-9	450	-9	-9	3	13	265	54	49	2	
D	SBSS067	1.61	-9	1.275	26	30	6	-9	-9	313	87	69	0.336	17	196	-9	-9	15	-9	5	-9	-9	-9	-9	-9	487	-9	-9	4	17	293	55	29	-9	
D	SBSS068	0.732	-9	0.929	20	16	3	-9	-9	270	53	58	0.503	11	95	-9	-9	8	-9	3	-9	-9	-9	-9	-9	262	-9	-9	-9	21	274	31	33	-9	
D	SBSS069	0.578	-9	0.402	18	8	-9	-9	-9	250	37	49	0.464	7	68	-9	-9	7	-9	3	-9	-9	-9	-9	-9	213	-9	-9	-9	19	299	30	28	-9	
D	SBSS070	0.364	-9	0.21	17	8	-9	-9	-9	228	40	41	0.294	6	51	-9	-9	5	-9	-9	4	-9	-9	-9	-9	205	-9	-9	3	14	416	42	28	-9	
D	SBSS071	0.329	-9	0.388	19	6	-9	-9	-9	217	29	39	0.202	4	47	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	101	-9	-9	-9	10	299	28	17	-9	
D	SBSS072	0.134	0.035	0.146	16	4	-9	-9	-9	218	20	32	0.193	-9	23	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	64	-9	-9	-9	9	272	25	13	-9	
D	SBSS073	0.129	0.038	0.179	17	8	-9	-9	-9	220	65	39	0.215	4	29	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	80	-9	-9	-9	12	321	37	16	-9	
D	SBSS074	0.071	0.035	0.193	16	7	-9	-9	-9	223	23	30	0.115	-9	19	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	68	-9	-9	-9	8	238	20	11	-9	
D	SBSS075	0.047	0.039	0.131	17	4	-9	-9	-9	220	11	31	0.152	4	17	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	72	-9	-9	-9	8	406	34	14	-9	
D	SBSS076	0.346	0.041	0.251	18	21	-9	-9	-9	226	31	41	0.177	4	37	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	147	-9	-9	2	8	196	29	12	-9	
D	SBSS077	0.216	0.032	0.194	17	-9	-9	-9	-9	216	27	39	0.248	7	38	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	125	-9	-9	-9	13	324	37	14	-9	
D	SBSS078	0.306	-9	0.365	16	6	3	-9	-9	222	30	42	0.284	6	46	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	121	-9	-9	-9	13	342	35	17	-9	
D	SBSS079	0.168	-9	0.257	17	7	-9	-9	-9	218	24	32	0.216	5	25	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	73	-9	-9	-9	11	479	35	11	-9	
D	SBSS080	0.087	0.053	0.102	17	-9	-9	-9	-9	219	10	30	0.084	-9	7	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	100	10	8	-9	
D	SBSS081	0.043	0.133	0.132	23	10	-9	-9	-9	262	23	39	0.352	12	19	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	58	-9	-9	-9	32	332	28	57	-9	
D	SBSS																																		

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002																																		
D	SBSS099	0.056	0.039	0.145	16	3	-9	-9	-9	217	22	29	0.147	-9	14	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	55	-9	-9	-9	11	409	28	12	-9
D	SBSS100	0.133	-9	0.319	15	8	-9	-9	-9	215	12	30	0.138	3	20	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	44	-9	-9	-9	7	303	20	12	-9
D	SBSS101	0.228	-9	0.394	17	-9	-9	-9	-9	221	18	38	0.231	3	25	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	84	-9	-9	-9	6	253	30	12	-9
D	SBSS102	0.354	0.031	0.317	17	-9	-9	-9	-9	219	23	38	0.185	4	46	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	86	-9	-9	-9	9	302	24	14	-9
D	SBSS103	0.208	0.035	0.143	20	-9	-9	-9	-9	215	14	30	0.108	-9	18	-9	-9	3	-9	-9	-9	-9	-9	-9	-9	56	-9	-9	-9	3	101	9	9	-9
D	SBSS104	0.142	0.036	0.103	15	-9	-9	-9	-9	215	15	31	0.108	-9	13	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	78	7	6	-9
D	SBSS105	0.137	0.04	0.116	14	-9	-9	-9	-9	215	15	31	0.12	-9	11	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	44	-9	-9	-9	4	125	13	9	-9
D	SBSS106	0.179	0.043	0.161	18	-9	-9	-9	-9	217	17	34	0.154	4	21	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	51	-9	-9	-9	7	153	15	11	-9
D	SBSS107	0.166	0.038	0.134	16	4	-9	-9	-9	215	19	35	0.199	3	19	-9	-9	4	-9	-9	4	-9	-9	-9	-9	58	-9	-9	-9	7	270	23	11	-9
D	SBSS108	0.064	0.047	0.095	17	8	-9	-9	-9	219	20	32	0.31	4	10	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	3	14	564	39	15	-9
D	SBSS109	0.085	0.032	0.151	16	4	-9	-9	-9	217	16	30	0.156	-9	17	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	77	-9	-9	-9	9	399	23	11	-9
D	SBSS110	1.503	-9	1.394	21	9	8	16	-9	223	91	75	0.258	17	196	-9	-9	16	-9	4	-9	-9	-9	65	-9	451	-9	-9	4	12	245	41	28	2
D	SBSS111	0.562	0.038	0.265	15	18	-9	-9	-9	219	31	43	0.169	-9	44	-9	-9	5	-9	4	-9	-9	-9	-9	-9	108	-9	-9	-9	5	174	20	20	-9
D	SBSS112	0.281	0.04	0.239	17	4	-9	-9	-9	213	20	35	0.147	-9	39	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	102	-9	-9	-9	8	231	22	17	-9
D	SBSS113	0.184	0.032	0.161	17	-9	-9	-9	-9	213	23	32	0.238	7	30	-9	-9	4	-9	-9	4	-9	-9	-9	-9	91	-9	-9	-9	11	562	43	15	-9
D	SBSS114	0.576	-9	0.231	19	5	3	14	-9	250	44	47	0.32	10	56	-9	-9	8	-9	-9	-9	-9	-9	70	59	189	-9	-9	-9	24	306	40	18	-9
D	SBSS115	0.403	-9	0.223	20	8	-9	-9	-9	251	44	47	0.331	11	39	-9	-9	7	-9	-9	-9	-9	-9	-9	-9	157	-9	-9	3	26	298	39	20	-9
D	SBSS116	0.951	-9	0.244	26	20	2	-9	-9	240	60	58	0.385	12	91	-9	-9	12	-9	-9	-9	-9	-9	-9	-9	317	-9	-9	-9	19	357	50	33	-9
D	SBSS117	0.557	-9	0.228	25	10	3	-9	-9	261	38	45	0.287	12	55	-9	-9	7	-9	3	-9	-9	-9	-9	62	207	-9	-9	4	15	378	53	20	-9
D	SBSS118	0.614	0.042	0.133	29	10	-9	-9	-9	230	37	45	0.223	8	66	-9	-9	8	-9	-9	-9	-9	-9	-9	-9	192	-9	-9	-9	12	231	40	16	-9
D	SBSS119	0.236	0.039	0.11	20	7	-9	-9	-9	225	42	37	0.178	6	25	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	76	-9	-9	-9	9	243	38	12	-9
D	SBSS120	0.967	0.041	0.152	19	15	-9	-9	-9	236	58	56	0.295	6	93	-9	-9	9	-9	4	-9	-9	-9	-9	-9	230	-9	-9	-9	11	224	42	17	-9
D	SBSS121	1.547	-9	1.241	22	38	14	18	-9	242	119	82	0.372	16	207	-9	-9	18	26	4	-9	-9	-9	-9	66	594	23	-9	7	16	321	66	38	-9
D	SBSS122	0.378	0.038	0.173	17	10	-9	-9	-9	229	40	42	0.204	6	36	-9	-9	4	-9	-9	-9	-9	-9	-9	-9	103	-9	-9	-9	9	203	36	16	-9
D	SBSS123	0.4	-9	0.193	17	12	-9	-9	-9	230	67	41	0.243	8	42	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	136	-9	-9	2	11	293	48	20	-9
D	SBSS124	0.354	0.031	0.193	19	14	-9	-9	-9	230	32	39	0.253	4	37	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	122	-9	-9	-9	11	351	47	18	-9
D	SBSS125	1.429	-9	0.096	26	19	-9	12	-9	236	79	70	0.371	15	158	-9	-9	16	-9	4	-9	-9	-9	-9	-9	512	-9	-9	3	16	315	41	71	-9
D	SBSS126	0.449	-9	0.201	21	11	-9	-9	-9	224	36	42	0.237	6	34	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	149	-9	-9	-9	11	314	29	32	-9
D	SBSS127	1.291	-9	0.107	29	25	-9	-9	-9	255	90	68	0.346	25	153	-9	-9	19	-9	4	-9	-9	-9	67	-9	565	-9	-9	-9	21	322	53	43	-9
D	SBSS128	1.557	-9	1.149	23	41	2	46	-9	244	102	88	0.454	20	135	-9	-9	17	18	5	-9	-9	-9	-9	-9	732	-9	-9	5	17	374	51	55	3
D	SBSS129	1.7	-9	0.215	17	19	-9	17	-9	268	82	70	0.412	12	179	-9	-9	18	17	4	-9	-9	-9	-9	-9	521	8	-9	-9	17	298	45	23	-9
D	SBSS130	0.548	0.031	0.233	17	7.7	-9	-9	-9	231	40	48	0.3151	8	55.2	-9	-9	7.8	-9	-9	-9	-9	-9	-9	-9	132	-9	-9	-9	12.7	292	47.3	20	-9
D	SBSS131	0.486	0.036	0.088	16	3.9	-9	-9	-9	235	36	41	0.2289	6.6	43.7	-9	-9	4.8	-9	-9	-9	-9	-9	-9	-9	145	-9	-9	2.5	9.4	275	31.2	12	-9
D	SBSS132	0.546	0.035	0.072	15	14.9	-9	-9	-9	241	34	46	0.2049	3.7	42	-9	-9	3.9	-9	2.4	-9	-9	-9	-9	-9	156	-9	-9	-9	5.9	182	21	11	-9
D	SBSS133	0.727	0.044	0.099	18	7.8	-9	10	-9	259	40	49	0.2631	7	68.5	-9	-9	9.2	-9	-9	-9	-9	-9	-9	-9	227	-9	-9	2.4	9.7	283	33.8	12	-9
D	SBSS134	0.433	0.035	0.081	16	9.5	-9	-9	-9	242	36	44	0.2671	5.4	41.5	-9	-9	6	-9	2.3	-9	-9	-9	-9	-9	117	-9	-9	-9	11.1	244	45.4	13	-9
D	SBSS135	0.591	0.037	0.089	16	7	-9	11	-9	239	36	47	0.2655	4.2	49	-9	-9	6.1	-9	-9	-9	-9	-9	-9	-9	152	-9	-9	-9	8.1	202	27	12	-9
D	SBSS136	0.358	0.036	0.127	16	14.1	-9	-9	-9	228	33	39	0.2247	3.9	40.9	-9	-9	5.1	-9	-9	-9	-9	-9	-9	-9	118	-9	-9	-9	9.4	253	36.7	14	-9
D	SBSS137	0.461	-9	0.333	18	11.4	6	-9	-9	230	36	48	0.3356	7.4	52.9	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	167	-9	-9	-9	15	287	42.3	22	-9
D	SBSS138	0.413	0.034	0.1	16	17.7	-9	12	-9	232	27	40	0.2216	5.2	45	-9	-9	4.9	-9	-9	-9	-9	-9	-9	-9	114	-9	-9	-9	7.5	269	40.8	14	-9
D	SBSS139	0.612	0.034	0.167	17	11.4	-9	-9	-9	232	39	51	0.3629	7	70.4	-9	-9	8.4	-9	2.3	-9	-9	-9	-9	49	223	-9	-9	-9	15.4	359	56.5	17	-9
D	SBSS140	0.24	0.037	0.121	17	6.5	-9	-9	-9	224	25	39	0.2984	6.3	31.6	-9	-9	5.6	-9	-9	-9	-9	-9	-9	-9	102	-9	-9	-9	14.3	309	45.1	14	-9
D	SBSS141	0.506	0.035	0.232	18	9.5	-9	-9	-9	233	34	45	0.3132	7.8	60.7	-9	-9	7.1	-9	2.4	-9	-9	-9	-9	-9	164	-9	-9	2.5	14.6	344	42.5	26	-9
D	SBSS142	1.534	-9	0.289	19	6.2	-9	12	-9	233	56	59	0.3535	10.2	188.7	-9	-9	16.3	-9	6.1	-9	-9	-9	-9	-9	523	-9	-9	3.4	18.8	275	43.9	43	-9
D	SBSS143	0.996	-9	0.434	23	9.4	-9	-9	-9	239	45	54	0.3713	8.5	114.2	-9	-9	11.6	-9	3.3	-9	-9	-9	-9	-9	331	-9	-9	-9	19.2	389	51.5	51	-9
D	SBSS144	0.814	0.035	0.411	20	10.6	1	11	-9	220	44	53	0.3538	9.4	117.3	-9	-9	14.2	-9	2.9	-9	-9	-9	-9	-9	297	-9	-9	2.5	20	368	56.8	62	-9
D	SBSS145	0.827																																

Appendix A: EL21/2005 Soil Sample Locations and Assays by Delta 50 portable XRF 22/8/2014 to 21/8/2015

H1000	Sample	K	Ca	Fe	Zn	Pb	As	Ni	Co	Mn	Cr	V	Ti	Th	Rb	Bi	W	Ta	Sn	Hg	U	Nd	Pr	Ce	La	Ba	Sb	Cd	Mo	Nb	Zr	Y	Sr	Se
H1001		%	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
H1002																																		
D	SBSS163	0.597	0.034	0.305	18	7.9	-9	-9	-9	225	28	44	0.2435	4.7	56.6	-9	-9	4.2	-9	2.5	-9	-9	-9	-9	-9	142	-9	-9	-9	8.7	281	29.8	24	-9
D	SBSS164	0.355	0.044	0.314	23	9.6	1	-9	-9	223	26	37	0.2156	9	60.7	-9	-9	5.9	-9	-9	-9	-9	-9	-9	-9	133	-9	-9	-9	16	340	42	28	-9
D	SBSS165	0.937	-9	0.321	18	10.5	-9	12	-9	221	35	54	0.2434	9.6	103.6	-9	-9	9.9	-9	2.8	-9	-9	-9	-9	-9	204	-9	-9	-9	9.9	184	18.3	30	-9
D	SBSS166	0.54	-9	0.244	20	15.9	1	-9	-9	248	66	62	0.5852	12	67.6	-9	-9	9.2	-9	2.6	-9	-9	-9	-9	-9	282	10	-9	-9	31.1	368	33.1	37	-9
D	SBSS167	0.159	0.046	0.119	16	7.2	-9	-9	-9	221	22	29	0.1167	3.3	19	-9	-9	2.9	-9	-9	-9	-9	-9	-9	-9	50	-9	-9	-9	4.5	186	27.3	9	-9
D	SBSS168	0.296	0.041	0.121	17	4.7	-9	-9	-9	227	22	35	0.2179	3.9	30.5	-9	-9	5.1	-9	-9	-9	-9	-9	-9	-9	91	-9	-9	-9	7.6	203	22	11	-9
D	SBSS169	0.269	0.04	0.149	17	9.6	-9	-9	-9	227	19	32	0.2345	4.4	34.2	-9	-9	2.6	-9	-9	-9	-9	-9	-9	-9	91	-9	-9	-9	12	388	40.1	13	-9
D	SBSS170	0.59	0.034	0.254	18	26.7	-9	-9	-9	225	30	45	0.3552	8.7	60.5	-9	-9	8.3	-9	2.6	-9	-9	-9	-9	-9	133	-9	-9	-9	13.6	336	33	24	-9
D	SBSS171	0.405	-9	0.319	18	6.6	-9	-9	-9	219	27	38	0.2084	4.7	51.5	-9	-9	4.5	-9	-9	-9	-9	-9	-9	51	135	-9	-9	-9	11.1	322	30.9	23	-9
D	SBSS172	0.388	-9	0.019	19	9.2	-9	-9	-9	223	28	43	0.2983	6	57.4	-9	-9	6.1	-9	-9	-9	-9	-9	-9	-9	102	-9	-9	-9	14.5	433	40.8	24	-9
D	SBSS173	0.481	-9	0.381	20	9.5	1	-9	-9	229	30	45	0.3253	9.5	65.2	-9	-9	8.9	-9	-9	-9	-9	-9	-9	-9	154	-9	-9	-9	15.2	345	47.7	29	-9
D	SBSS174	0.568	-9	0.189	20	14.4	-9	-9	-9	229	38	45	0.2606	7.9	88	-9	-9	8.2	-9	2.4	-9	-9	-9	-9	-9	186	-9	-9	-9	15.4	346	42.4	38	-9
D	SBSS175	1.268	-9	1.005	25	24.4	2	-9	-9	248	71	62	0.3659	15.5	173.5	-9	-9	15.4	18	3	-9	-9	-9	-9	-9	423	-9	-9	2.5	18.7	318	50.6	60	-9
D	SBSS176	0.141	0.044	0.141	17	4.5	-9	-9	-9	220	32	33	0.2503	4.4	17	-9	-9	2.5	-9	-9	-9	-9	-9	-9	-9	63	-9	-9	-9	10.6	200	15.6	13	-9
D	SBSS177	0.355	0.031	0.233	17	-9	-9	-9	-9	231	57	43	0.2933	6.7	51.1	-9	-9	4.5	-9	3.2	-9	-9	-9	-9	-9	178	-9	-9	-9	11.4	228	28.9	14	-9
D	SBSS178	0.152	-9	0.664	15	3.5	-9	-9	-9	222	25	32	0.1576	3.4	19.8	-9	-9	2.6	-9	-9	-9	-9	-9	-9	-9	43	-9	-9	-9	6	223	16.3	14	-9
D	SBSS179	0.305	0.04	0.204	16	6.1	-9	-9	-9	221	25	37	0.2016	3.7	31.3	-9	-9	4.1	-9	-9	-9	-9	-9	-9	-9	90	-9	-9	-9	8.8	269	24.1	15	-9
D	SBSS180	0.219	0.029	0.175	17	3.4	-9	-9	-9	225	27	37	0.3112	5.9	27.4	-9	-9	4.3	21	-9	-9	-9	-9	-9	-9	83	-9	-9	-9	12	334	30	13	-9
D	SBSS181	0.286	0.035	0.157	14	3.5	2	-9	-9	218	22	37	0.2281	3.7	38.6	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	97	-9	-9	2.9	9.4	294	24.6	16	-9
D	SBSS182	0.231	0.035	0.142	15	3.6	-9	-9	-9	221	20	34	0.2108	-9	30.9	-9	-9	5	-9	-9	-9	-9	-9	-9	-9	73	-9	-9	-9	10.6	301	24.3	13	-9
D	SBSS183	0.29	0.035	0.163	16	4.8	-9	-9	-9	217	24	34	0.224	3.9	34.8	-9	-9	6	-9	-9	-9	-9	-9	-9	-9	73	-9	-9	-9	10.2	258	21.8	12	-9
D	SBSS184	0.303	0.04	0.2	15	4.4	-9	-9	-9	219	28	37	0.2715	4.4	40.2	-9	-9	5.4	18	-9	-9	-9	-9	-9	-9	78	-9	-9	-9	12.1	266	27	18	-9
D	SBSS185	0.299	0.042	0.155	16	3.8	-9	-9	-9	217	25	35	0.1841	-9	27.8	-9	-9	4.2	-9	2.4	-9	-9	-9	-9	-9	64	-9	-9	-9	6.9	129.8	11.2	13	-9
D	SBSS186	0.038	0.042	0.121	15	3.5	-9	-9	-9	219	18	31	0.2718	3.8	11.5	-9	-9	2.3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	13.5	351	29.8	11	-9
D	SBSS187	-9	0.046	0.05	14	-9	-9	-9	-9	215	29	26	0.0841	-9	6.5	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	6	216	7.9	9	-9
D	SBSS188	0.158	0.044	0.111	16	-9	-9	-9	-9	215	14	31	0.1812	-9	20.2	-9	-9	3.5	-9	-9	-9	-9	-9	-9	-9	54	-9	-9	-9	9	266	21.2	13	-9
D	SBSS189	0.138	0.037	0.261	16	5.8	-9	-9	-9	215	18	30	0.1861	4.6	24.6	-9	-9	3.8	-9	-9	-9	-9	-9	-9	-9	58	-9	-9	-9	12.1	438	31.3	17	-9
D	SBSS190	0.391	0.033	0.153	17	-9	-9	-9	-9	223	26	41	0.2378	4.2	39.3	-9	-9	4.8	-9	-9	-9	-9	-9	-9	-9	115	-9	-9	-9	8.3	181	20.6	11	-9
D	SBSS191	-9	0.076	0.055	13	-9	-9	-9	-9	214	8.1	-9	0.0772	3.5	8.2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	6.6	113.7	6.8	16	-9
D	SBSS192	-9	0.062	0.038	14	-9	-9	-9	-9	215	9.2	-9	0.0517	-9	5.8	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	75.4	3.8	11	-9
D	SBSS193	-9	0.043	0.058	15	-9	-9	-9	-9	218	14.8	29	0.2241	-9	6.4	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	9.4	297	18.6	9	-9
D	SBSS194	0.136	0.039	0.117	16	-9	-9	-9	-9	221	14	29	0.2128	-9	18.6	-9	-9	2.3	-9	-9	-9	-9	-9	-9	-9	45	-9	-9	-9	8.6	234	17.6	10	-9
D	SBSS195	0.316	0.037	0.169	15	-9	-9	-9	-9	222	19	40	0.2981	4.7	28.5	-9	-9	2.9	-9	-9	-9	-9	-9	-9	-9	76	-9	-9	-9	10	256	25.2	14	-9
D	SBSS196	0.144	0.044	0.121	15	4.5	-9	-9	-9	215	16.8	30	0.1365	-9	21.3	-9	-9	3.2	-9	-9	-9	-9	-9	-9	-9	60	-9	-9	-9	8.4	291	20.4	13	-9
D	SBSS197	0.318	0.032	0.197	15	6.3	-9	-9	-9	219	21	36	0.2016	8	48	-9	-9	5.5	-9	-9	-9	-9	-9	-9	-9	108	-9	3.7	-9	13.6	358	27.7	15	-9
D	SBSS198	0.035	0.043	0.07	13	-9	-9	-9	-9	216	7.4	27	0.1229	-9	8	-9	-9	3.3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	4	130.4	8.9	8	-9
D	SBSS199	-9	0.067	0.058	15	-9	-9	-9	-9	217	15	27	0.0995	-9	8.1	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	5.5	142	7.5	9	-9
D	SBSS200	-9	0.047	0.078	15	-9	-9	-9	-9	219	15.5	30	0.237	4.1	7.3	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10.8	314	22.7	14	-9
D	SBSS201	-9	0.058	0.04	14	-9	-9	-9	-9	216	9.8	27	0.0798	-9	3.2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	68.3	6.1	8	-9	
D	SBSS202	-9	0.05	0.109	15	-9	-9	-9	-9	219	17	28	0.2347	5.2	10.4	-9	-9	2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	15.6	500	38.8	18	-9
D	SBSS203	-9	0.045	0.066	15	3.1	-9	-9	-9	216	11	27	0.177	-9	8.9	-9	-9	2.2	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10.2	377	22.8	12	-9
D	SBSS204	0.063	0.044	0.084	16	5	-9	-9	-9	224	12	31	0.1962	-9	12.9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	10.2	381	18.6	15	-9
D	SBSS205	0.456	0.04	0.214	16	6.7	-9	-9	-9	233	33	43	0.2779	4	58.6	-9	-9	8.8	-9	2.4	-9	-9	-9	-9	-9	137	-9	-9	-9	14	304	33.4	23	-9
D	SBSS206	0.054	0.04	0.079	14	-9	-9	-9	-9	215	12.2	30	0.1679	-9	11.2	-9	-9	-9	-9	-9	-9	3.6	-9	-9	-9	-9	-9	-9	-9	6.4	207	12.5	9	-9
D	SBSS207	0.048	0.039	0.089	14	-9	-9	-9	-9	215	17	28	0.1407	-9	10.3	-9	-9	2.6	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	-9	5.9	207	10.7	9	-9
D	SBSS208	0.139	0.042	0.215	16	-9	1	-9	-9	222	26	36																						

Appendix B

**EL21/2005 Soil sample locations and assays by
Fusion 2014-2015**

Appendix B: EL21/2005 Soil Sample Locations and Assays by Fusion 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Date	Sn	W	Ba	Ce	Cr
H1001			metres	metres	centimetres					ppm	ppm	ppm	ppm	ppm
H1002			10	10	10									
D	CRCK117	Cruncher Creek	356367	5383085	40	gy-og	B	close to creek. Gravelly clay.	1/04/2015	10	4	532	144	270
D	CRCK118	Cruncher Creek	356386	5383092	70	bn	B	moderate slope. Smooth clay.	1/04/2015	10	5	537	90.5	90
D	CRCK141	Cruncher Creek	356262	5383261	50	gy	B	mod slope,above creek,gravelly	1/04/2015	6	5	374	88	70
D	CRCK142	Cruncher Creek	356281	5383268	50	og	B	smooth clay,between 2 creeks on ridge	1/04/2015	11	2	72.2	94.3	250
D	CRCK143	Cruncher Creek	356299	5383275	35	gy-bn	B	other side of river,shallow slope,rocky	1/04/2015	3	3	149	50.5	30
D	HMS045	Lower Harman	363589	5383451	50	bn	b	shallow slope - top of ridge gravel-clay	1/04/2015	7	3	127	52.7	280
D	HMS049	Lower Harman	363519	5383412	30	og	b	Moderate slope - clay	1/04/2015	69	5	186	46.2	180
D	HMS050	Lower Harman	363501	5383402	20	bn	b	Shallow slope - Rocky clay	1/04/2015	38	6	66.3	33.7	820
D	HMS083	Lower Harman	363462	5383616	15	bn	b	Moderate slope. Clay	1/04/2015	25	2	71.5	21.9	710
D	HMS084	Lower Harman	363445	5383607	10	bn	b	Moderate slope. Rocky clay	1/04/2015	51	7	46	27.6	490
D	HMS085	Lower Harman	363427	5383597	30	og-bn	b	Moderate slope. Rocky clay	1/04/2015	64	4	38.2	33.6	550
D	HMS099	Lower Harman	363358	5383558	10	bn	b	Steep slope. Smooth clay. Organics	1/04/2015	6	1	82.2	15.4	930
D	HMS103	Lower Harman	363301	5383752	10	og	B	moderate slope. Mossy boulders. Rocky clay.	1/04/2015	29	3	41.1	45.9	380
D	HMS104	Lower Harman	363318	5383762	10	og-bn	B	moderate slope. Rocky clay.	1/04/2015	39	3	43	41.1	410
D	HMS105	Lower Harman	363336	5383772	20	og	B	shallow slope. Ridge top. Clay.	1/04/2015	42	3	45.6	37.8	500
D	HMS111	Lower Harman	363440	5383832	25	bn	B	shallow slope. Rocky	1/04/2015	5	2	72.7	19.2	-1111
D	HMS138	Lower Harman	362533	5384197	45	bn	B	moderate slope. Rocky base. Gravelly.	1/04/2015	7	2	59	64.6	230
D	HMS144	Lower Harman	362639	5384253	35	bn	B	shallow slope. Gravelly.	1/04/2015	7	3	61	59.3	280
D	HMS150	Lower Harman	362745	5384309	35	bn-og	B	steep slope. Rocky base.	1/04/2015	38	39	62.6	30.7	680
D	HMS151	Lower Harman	362763	5384318	15	bn-rd	B	steep slope. Rocky base.	1/04/2015	22	18	48.4	56.9	590
D	HMS152	Lower Harman	362781	5384327	20	bn	B	steep slope. ?UM outcrop. Rocky base.	1/04/2015	17	33	28.8	27.5	290
D	HMS155	Lower Harman	362834	5384355	20	og-bn	B	rocky base. Shallow slope.	1/04/2015	7	4	62.1	71	230
D	HMS161	Lower Harman	362940	5384411	20	bn	B	moderate slope. Rocky clay.	1/04/2015	14	5	45.9	43.2	410
D	HMS187	Lower Harman	362995	5384084	45	og	B	gravelly. Moderate slope. Soil.	1/04/2015	5	2	118.5	71.9	220
D	HMS207	Lower Harman	362943	5383822	30	bn-og	B	moderate slope. Rocky base. Gravelly soil.	1/04/2015	4	4	44.8	59.2	220
D	HMS222	Lower Harman	363206	5383966	30	og	B	moderate slope. Fine soil.	1/04/2015	19	3	35	26.7	830
D	HMS223	Lower Harman	363224	5383975	50	og	B	moderate slope. Gravelly clay-soil	1/04/2015	38	3	39.1	137	600
D	HMS231	Lower Harman	362890	5383793	30	bn	B	steep slope. Rocky. Fine soil/clay.	1/04/2015	3	3	135	85.4	100
D	SBSS013	Stanley Bridge	357510	5381117	25	gy	B	rocky and gravelly	1/04/2015	169	2	99.2	22.4	30
D	SBSS014	Stanley Bridge	357526	5381129	40	gy	B	rocky and gravelly	1/04/2015	62	142	162.5	35.4	30
D	SBSS015	Stanley Bridge	357542	5381141	30	gy	B	gravelly. Shallow slope.	1/04/2015	379	2	33.9	26.5	80
D	SBSS016	Stanley Bridge	357559	5381153	70	gy-bn	B	flat ground. Gravelly	1/04/2015	759	2	24.2	24.9	20
D	SBSS017	Stanley Bridge	357575	5381165	40	dgy	B	beside river. Above floodplain. Gravelly.	1/04/2015	167	4	365	64.7	70
D	SBSS018	Stanley Bridge	357591	5381177	70	og-bn	B	other side of river. Smooth sandy clay	1/04/2015	23	8	204	245	20
D	SBSS019	Stanley Bridge	357607	5381189	80	bn-og	B	flat ground.	1/04/2015	23	6	180.5	192.5	20
D	SBSS020	Stanley Bridge	357624	5381200	60	bn	B	boggy ground. Sandy clay	1/04/2015	8	3	188	144.5	20
D	SBSS021	Stanley Bridge	357640	5381212	20	gy	B	flat ground. Gravelly	1/04/2015	33	3	151	112	30
D	SBSS022	Stanley Bridge	357656	5381224	20	gy	B	flat. Thick bush. Gravelly.	1/04/2015	37	1	96.9	45.3	30
D	SBSS023	Stanley Bridge	357672	5381236	10	dgy	B	thick bush. Shallow slope. Rocky.	1/04/2015	173	3	83.9	52.7	20
EOF														

Appendix B: EL21/2005 Soil Sample Locations and Assays by Fusion 22/8/2014 to 21/8/2015

H1000	Sample	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu	Nb	Nd	Pr	Rb	Sm	Sr	Ta	Tb	Th	Tm	U	V	Y	Yb	Zr	AComments	
H1001		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
H1002																												
D	CRCK117	5.24	7.22	3.42	2.77	26.6	9.24	12.7	1.32	75.4	0.5	91.3	61.9	18.2	39.6	10.7	66.1	5.9	1.25	15.2	0.45	3.95	255	32.2	3.02	504		
D	CRCK118	10.7	5.91	3.46	1.29	20.8	5.92	9.4	1.19	43.4	0.58	19.9	38	11.15	115.5	7.23	15.3	1.4	0.93	13	0.52	3.22	129	33.1	3.4	328		
D	CRCK141	4.78	6.83	4.52	1.06	10.8	6.29	10.4	1.47	42.7	0.68	24.1	35.2	9.99	71.7	6.21	12.1	1.5	1.09	7.06	0.71	2.78	87	44	4.35	365		
D	CRCK142	2.38	4.29	2.71	0.83	21.5	4.64	11.5	0.91	53.3	0.42	101.5	31.3	9.31	10.2	5.38	8.2	5.4	0.71	11.85	0.39	3.67	196	24.1	2.66	493		
D	CRCK143	2.03	3.61	2.24	0.63	5.7	3.63	6	0.73	25.1	0.37	14.3	20.2	5.87	35	3.77	10	0.9	0.58	5.37	0.35	1.65	34	22.6	2.26	218		
D	HMS045	5.49	4.78	3.66	0.62	28.5	3.15	11	1.15	17.9	0.59	45.7	13.9	4.03	41.8	3.05	9.2	2.7	0.63	14.85	0.59	4.03	235	33.2	3.94	382		
D	HMS049	1.76	1.8	1.81	0.49	32.6	1.2	11.7	0.45	3.6	0.48	48.6	4.6	1.22	13.7	1.54	14.3	2.9	0.28	11.6	0.35	2.99	327	10.2	2.76	412		
D	HMS050	3.64	3.19	1.99	0.87	16.5	3.2	7.9	0.65	20.5	0.4	23.4	15.2	4.28	16.5	3.1	134	1.4	0.54	5.68	0.35	2.43	237	17.9	2.26	303		
D	HMS083	3.16	1.72	1.24	0.37	19.9	1.22	5.4	0.36	5.1	0.27	17.7	4.8	1.29	15.8	1.19	53.7	1	0.25	6.6	0.21	2.11	315	9.5	1.54	188		
D	HMS084	3.61	2.1	1.68	0.53	23.2	1.84	7.4	0.48	10.5	0.35	26.3	8.7	2.36	13.7	1.96	106	1.6	0.38	9.66	0.27	3.2	263	12.9	1.97	268		
D	HMS085	4.06	2.02	1.65	0.42	33.5	1.46	9	0.45	6	0.39	31.6	5.9	1.53	13.9	1.48	36	2	0.3	10.15	0.28	3.17	347	11.3	2.17	319		
D	HMS099	4.94	2.1	1.34	0.44	19.5	1.74	4.3	0.46	7.3	0.25	12.3	6.4	1.79	22.5	1.54	31.8	0.7	0.31	4.67	0.22	1.48	372	12.1	1.57	153		
D	HMS103	2.8	2.39	1.77	0.61	24.5	1.71	7.7	0.54	9.3	0.37	28.8	8.5	2.33	11.2	1.99	69.5	1.7	0.38	8.53	0.28	3.04	270	14.1	2.28	278		
D	HMS104	2.33	2.65	2.04	0.65	28.1	2.04	8.5	0.62	9.9	0.38	31.5	8.8	2.44	8.5	2.12	94	1.9	0.36	9.36	0.31	3.64	284	16.1	2.28	298		
D	HMS105	3.14	2.62	1.78	0.71	27.7	2.44	7	0.6	11.7	0.39	24.5	10	2.66	12.2	2.25	125.5	1.5	0.41	7.54	0.32	2.65	302	16	2.25	250		
D	HMS111	1.02	1.06	0.71	0.19	6	0.88	3.3	0.24	5.6	0.17	10.6	4.7	1.32	5.6	0.92	47.1	0.6	0.16	3.03	0.1	0.99	-5	6.5	0.92	119	Cr >1% ULD by MS81	
D	HMS138	3.76	5.2	3.35	1.06	28.3	5.23	9.4	1.09	29.2	0.54	38.2	26.1	7.08	15.7	5.5	15.3	2.4	0.85	11.9	0.5	3.34	301	29.6	3.35	334		
D	HMS144	3.49	4.63	2.96	0.96	27	4.83	10	0.99	27.6	0.52	39	23.9	6.66	14.3	5.1	14.8	2.3	0.76	11.7	0.46	3.47	308	27.3	2.95	352		
D	HMS150	2.94	4.21	2.37	1.08	21.6	4.27	4.8	0.83	11.1	0.34	16.2	12.9	3.08	12.7	3.88	59.2	0.8	0.68	5.05	0.36	1.9	339	22.7	2.05	172		
D	HMS151	2.4	4.05	2.27	1.12	22	4.2	6.1	0.82	15.8	0.35	20.7	16.9	4.4	9.4	4.17	31.9	1.2	0.68	7.41	0.37	2.24	317	21.3	2.31	214		
D	HMS152	1.55	3.14	1.84	0.81	16.8	3.03	4.1	0.62	11.3	0.29	16.5	11.8	3.05	9.4	2.66	28.4	1	0.51	3.53	0.27	1.46	235	17.3	1.81	153		
D	HMS155	3.1	4.03	2.47	0.83	23.8	3.77	7.8	0.78	20.7	0.41	30.6	18.7	5.37	12	4.12	15.3	1.8	0.65	10.25	0.38	2.83	253	20.8	2.47	274		
D	HMS161	1.96	3.78	2.47	0.74	28.6	3.56	9.5	0.8	18.1	0.42	34.6	16.1	4.36	8.3	3.77	20.9	2.2	0.58	10.6	0.42	3.12	349	21.8	2.58	334		
D	HMS187	1.08	3.48	2.63	0.74	40.4	2.36	12.5	0.82	5.3	0.51	49	7.1	1.77	6.6	2.54	6.5	2.9	0.55	12.65	0.44	4.35	428	17.4	3.21	444		
D	HMS207	2.76	4.85	3.3	0.84	27.4	4.29	9.2	1.02	24	0.61	40.3	19.4	5.46	8.5	4.59	12.5	2.6	0.74	12.05	0.57	3.51	242	29.2	3.51	354		
D	HMS222	2.27	2.07	1.73	0.42	31.1	1.47	9.6	0.45	7.6	0.4	41.6	5.9	1.58	8	1.51	41.6	2.6	0.3	10.65	0.32	4.02	306	12.4	2.27	384		
D	HMS223	1.82	3.36	2.26	0.98	36.8	2.86	10	0.7	11.1	0.5	42.3	11.6	2.9	6.8	3.29	99.7	2.6	0.53	12	0.37	4.12	306	16.1	2.84	388		
D	HMS231	4.05	5.7	3.24	1.1	20.5	5.68	6.4	1.11	39.2	0.5	27.9	30.1	8.55	23.3	6.65	31	1.8	0.9	10.5	0.51	3.49	149	30.7	3.16	245		
D	SBSS013	2.04	3.65	2.31	0.43	5.2	2.94	3.2	0.79	9.8	0.33	6.2	10.4	2.65	22.9	2.41	4.6	0.5	0.57	3.01	0.37	1.29	27	23.7	2.06	124		
D	SBSS014	3.67	4.54	2.74	0.5	7.4	3.84	4.5	1.02	16.5	0.42	8.2	14.8	4.12	39.1	3.35	8.4	0.5	0.66	3.92	0.44	1.71	40	30.2	2.72	164		
D	SBSS015	0.92	5.31	3.37	0.29	2.7	3.96	3.7	1.2	11.8	0.52	6.5	11	2.94	7.7	2.85	4.3	0.5	0.79	4.94	0.53	1.67	10	35.6	3.51	138		
D	SBSS016	0.94	6.2	4.28	0.2	3.1	4.34	3.5	1.33	11.1	0.59	5.2	10.3	2.91	6	2.8	2.8	0.5	0.89	6.42	0.6	1.9	9	39.8	3.92	125		
D	SBSS017	7.71	7.61	4.98	0.96	14.9	6.3	6.8	1.57	31.5	0.71	12.3	29.2	7.84	109	5.96	7	0.9	1.11	10.1	0.73	3.59	91	47.9	4.86	254		
D	SBSS018	7.36	31.7	21.3	0.5	19.4	24.7	14.5	6.64	111	2.97	22.7	97.3	28.1	208	23.1	24.4	2.8	4.79	61	3.02	11.2	23	195	19.2	474		
D	SBSS019	7.3	26.1	16.6	0.48	20.5	19.9	11.5	5.74	88.2	2.6	20.3	75.4	21.5	184.5	18.65	22.2	2.4	3.81	50	2.79	10.05	30	162	16.65	351		
D	SBSS020	5.82	20	13.35	0.3	13.4	14.9	7.6	4.33	65.9	1.88	12.7	57.4	15.9	198	13.75	21.5	1.4	3	35.3	2.04	7.09	12	127	12.85	243		
D	SBSS021	3.54	15.05	9.81	0.55	9.1	11.95	8.7	3.32	51.9	1.48	14.8	46	12.5	63.4	10.55	14.6	1.4	2.2	24.5	1.62	5.02	27	96.6	9.26	297		
D	SBSS022	1.84	6.88	4.45	0.37	5.3	5.32	8	1.51	20.8	0.62	12.9	18.7	5.11	26.8	4.22	11.6	1.1	1.07	9.53	0.64	2.47	20	42.5	4.18	282		
D	SBSS023	2.05	9.89	6.36	0.32	4.5	6.71	7.4	2.08	23.6	0.91	13.8	22	6.03	28.6	5.31	13.3	1.2	1.33	12.45	1.02	3.27	16	61.3	6.36	270		
EOF																												

Appendix C

**EL21/2005 Soil sample locations and assays by
Acid Digestion 2014-2015**

Appendix C: EL21/2005 Soil Sample Locations and Assays by Acid Digestion 22/8/2014 to 21/8/2015

H0002	Version	3																	
H0003	Date_generated	19/8/2015																	
H0004	Reporting_period_end_date	21/8/2015																	
H0005	State	TAS																	
H0100	Tenement	EL21/2005																	
H0101	Tenement_holder	Venture Minerals Ltd																	
H0102	Project_name	Mt Lindsay																	
H0106	Tenement_operator	Venture Minerals Ltd																	
H0150	250K_map_sheet	SK5503 Burnie																	
H0151	100K_map_sheet	7914 Pieman																	
H0152	50K_map_sheet	na																	
H0153	25K_map_sheet	3437 Stringer, 3438 Livingstone, 3637 Rosebury, 3638 Parsons, 3639 Ramsay																	
H0200	Start_date_of_data_acquisition	22/8/2014																	
H0201	End_date_of_data_acquisition	21/8/2015																	
H0202	Data_format	SG3																	
H0203	Number_of_data_records	69																	
H0204	Date_of_metadata_update	19/8/2015																	
H0500	Feature_Located	Sample Point																	
H0501	Geodetic_datum	GDA94																	
H0502	Vertical_datum	not applicable																	
H0503	Projection	MGA																	
H0531	Projection_zone	55																	
H0532	Surveying_instrument	Garmin GPS62CSx																	
H0533	Surveying_Company	Venture Minerals Ltd																	
H0600	Sample_code	SOIL																	
H0601	Sample_type	hand augered & screened to 100% pass 3mm																	
H0602	Sample_description	see data																	
H0700	Sample_preparation_code	PREP-21																	
H0701	Sample_preparation_details	dried & screened to 100% passing 3mm, pulverise in LM5 to approx P80 <75 microns																	
H0702	Job_no	AD15029688																	
H0800	Assay_code	ME-ICP61, ME-ICP69																	
H0801	Assay_company	ALS Global, samples prepared in Adelaide, assayed in Perth																	
H0802	Assay_description1	B by ALS method ME-ICP69 pulverized samples digested with nitric and hydrofluoric acid at -200°C with ICPAES finish																	
H0803	Assay_description2	Sn, W, Al, Ag, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V & Zn by ALS method ME-ICP61 pulp digested by perchloric, nitric, hydrofluoric and hydrochloric acid																	
H0900	Remarks:	- designates below Lower Limit of Detection, -1111 designates assay above Upper Limit of Detection																	
H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Date	Sn	W	Al	Ag	As	B	Ba	Be		
H1001			metres	metres	centimetres					ppm	ppm	%	ppm	ppm	ppm	ppm	ppm		
H1002			10	10	10														
D	CRCK013	Cruncher Creek	356631	5382331	40	dgy	B	Near creek bed. Rocky clay.	1/04/2015	20	-10	3.1	-0.5	14	240	270	0.7		
D	CRCK014	Cruncher Creek	356613	5382324	30	bn	B	near valley botea treom. Rocky.	1/04/2015	10	-10	4.64	-0.5	31	150	280	0.8		
D	CRCK015	Cruncher Creek	356594	5382317	50	og	B	smooth clay. Near creek.	1/04/2015	10	-10	9.26	-0.5	45	60	130	1.4		
D	CRCK016	Cruncher Creek	356575	5382311	20	gy	B	bedside flowing creek. Clay.	1/04/2015	-10	-10	3.92	-0.5	7	120	320	0.6		
D	CRCK033	Cruncher Creek	356433	5382475	30	gy	B	rocky clay.	1/04/2015	-10	-10	2.05	-0.5	-5	1000	50	0.6		
D	CRCK034	Cruncher Creek	356452	5382481	30	bn-gy	B	open forest. Wet, rocky clay.	1/04/2015	10	-10	8.28	-0.5	53	60	990	1.5		
D	CRCK035	Cruncher Creek	356470	5382488	60	og-bn	B	uphill of creek. Smooth clay.	1/04/2015	10	-10	8.43	-0.5	38	30	90	1.2		
D	CRCK036	Cruncher Creek	356489	5382495	60	gy	B	gravelly clay.	1/04/2015	-10	-10	3.11	-0.5	-5	200	260	0.6		
D	CRCK037	Cruncher Creek	356508	5382502	15	gy	B	wet, gravelly. Moderate slope.	1/04/2015	-10	-10	4.04	-0.5	-5	80	330	0.6		
D	CRCK038	Cruncher Creek	356527	5382508	20	gy	B	gravelly clay.	1/04/2015	10	10	4.63	-0.5	-5	150	410	0.9		
D	CRCK039	Cruncher Creek	356546	5382515	40	bn	B	very steep cliffs. Outcrop of SS - looks a bit silicified - bak	1/04/2015	-10	-10	3.5	-0.5	-5	380	280	0.6		
D	CRCK044	Cruncher Creek	356330	5382648	40	gy	B	shallow slope. Sandy. Rocky base.	1/04/2015	-10	-10	1.77	-0.5	-5	80	160	-0.5		
D	CRCK045	Cruncher Creek	356349	5382655	60	gy	B	shallow slope. Sandy. Gravelly.	1/04/2015	-10	-10	1.08	-0.5	-5	70	80	-0.5		
D	CRCK046	Cruncher Creek	356368	5382662	60	gy-bn	B	moderate slope.	1/04/2015	-10	-10	0.72	-0.5	-5	70	50	-0.5		
D	CRCK047	Cruncher Creek	356387	5382668	30	gy	B	rocky.	1/04/2015	-10	-10	2.17	-0.5	-5	110	140	-0.5		
D	CRCK048	Cruncher Creek	356405	5382675	40	gy	B	thick bush! Rocky.	1/04/2015	-10	-10	2.43	-0.5	-5	150	160	0.5		
D	CRCK049	Cruncher Creek	356424	5382682	60	gy	B	sandy. Moderate slope.	1/04/2015	-10	-10	1.38	-0.5	-5	220	80	0.5		
D	CRCK050	Cruncher Creek	356443	5382689	60	gy	B	shallow slope. Gravelly clay.	1/04/2015	-10	-10	3.27	-0.5	-5	140	180	0.5		
D	CRCK070	Cruncher Creek	356658	5382556	40	gy	B	flat top. Low scrub. Gravelly clay.	1/04/2015	10	-10	6.47	-0.5	-5	340	580	1.1		
D	CRCK071	Cruncher Creek	356677	5382562	60	gy	B	gravelly. Moderate slope.	1/04/2015	10	-10	6.55	-0.5	-5	250	580	1.2		
D	CRCK072	Cruncher Creek	356696	5382569	50	gy	B	moderate slope. Gravelly.	1/04/2015	10	-10	5.3	-0.5	-5	170	380	0.7		
D	CRCK073	Cruncher Creek	356715	5382576	40	gy	B	moderate slope. Gravelly.	1/04/2015	10	-10	5.35	-0.5	-5	130	370	0.9		
D	CRCK074	Cruncher Creek	356734	5382583	40	gy	B	moderate slope. Gravelly.	1/04/2015	10	-10	4.58	-0.5	-5	150	350	0.7		
D	CRCK083	Cruncher Creek	356282	5382843	30	gy	B	sandy. Bush opening up.	1/04/2015	-10	-10	3.67	-0.5	-5	140	270	0.6		
D	CRCK084	Cruncher Creek	356301	5382850	60	gy-bn	B	open bush. Open gully. Smooth clay.	1/04/2015	-10	-10	7.21	-0.5	10	90	260	0.8		

Appendix C: EL21/2005 Soil Sample Locations and Assays by Acid Digestion 22/8/2014 to 21/8/2015

H1000	Sample	Prospect	E_MGA55	N_MGA55	Depth_cm	Colour	Horizon	Description	Date	Sn	W	Al	Ag	As	B	Ba	Be
H1001			metres	metres	centimetres					ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
H1002			10	10	10												
D	CRCK085	Cruncher Creek	356320	5382856	20	gy-bn	B	sandy. Rocky base. Moderate slope.	1/04/2015	-10	-10	4.07	-0.5	-5	210	360	0.9
D	CRCK113	Cruncher Creek	356292	5383058	50	gy	B	clay. Gravelly.	1/04/2015	-10	-10	2.36	-0.5	-5	70	180	0.6
D	CRCK114	Cruncher Creek	356311	5383065	80	og	C	clay - smooth. Moderate slope.	1/04/2015	10	-10	12.65	-0.5	60	10	190	1.6
D	CRCK115	Cruncher Creek	356330	5383071	70	og-rd	B	above creek. Smooth clay.	1/04/2015	-10	-10	8.57	-0.5	24	20	160	1.4
D	CRCK116	Cruncher Creek	356349	5383078	70	og-bn	B	other side of creek. Shallow slope. Smooth clay.	1/04/2015	10	-10	10.2	-0.5	25	70	340	1.2
D	CRCK117	Cruncher Creek	356367	5383085	40	gy-og	B	close to creek. Gravelly clay.	1/04/2015	10	-10	8.15	-0.5	100	30	520	1.2
D	CRCK118	Cruncher Creek	356386	5383092	70	bn	B	moderate slope. Smooth clay.	1/04/2015	10	-10	6.51	-0.5	22	70	520	1
D	CRCK141	Cruncher Creek	356262	5383261	50	gy	B	mod slope,above creek,gravelly	1/04/2015	-10	-10	3.17	-0.5	-5	160	330	0.8
D	CRCK142	Cruncher Creek	356281	5383268	50	og	B	smooth clay,between 2 creeks on ridge	1/04/2015	10	-10	5.52	-0.5	16	20	70	0.9
D	CRCK143	Cruncher Creek	356299	5383275	35	gy-bn	B	other side of river,shallow slope,rocky	1/04/2015	-10	-10	1.81	-0.5	-5	100	140	-0.5
D	HMS045	Lower Harman	363589	5383451	50	bn	B	shallow slope - top of ridge gravel-clay	1/04/2015	-10	-10	8.37	-0.5	-5	10	130	0.8
D	HMS049	Lower Harman	363519	5383412	30	og	B	Moderate slope - clay	1/04/2015	60	-10	10.95	-0.5	-5	10	180	1.3
D	HMS050	Lower Harman	363501	5383402	20	bn	B	Shallow slope - Rocky clay	1/04/2015	30	10	5.31	-0.5	-5	10	70	0.8
D	HMS083	Lower Harman	363462	5383616	15	bn	B	Moderate slope. Clay	1/04/2015	20	-10	9.4	-0.5	5	10	80	-0.5
D	HMS084	Lower Harman	363445	5383607	10	bn	B	Moderate slope. Rocky clay	1/04/2015	50	-10	7.99	-0.5	5	10	50	0.5
D	HMS085	Lower Harman	363427	5383597	30	og-bn	B	Moderate slope. Rocky clay	1/04/2015	60	-10	10.15	-0.5	7	10	40	-0.5
D	HMS099	Lower Harman	363358	5383558	10	bn	B	Steep slope. Smooth clay. Organics	1/04/2015	-10	-10	8.3	-0.5	11	20	80	-0.5
D	HMS103	Lower Harman	363301	5383752	10	og	B	moderate slope. Mossy boulders. Rocky clay.	1/04/2015	30	-10	8.74	-0.5	13	20	40	0.5
D	HMS104	Lower Harman	363318	5383762	10	og-bn	B	moderate slope. Rocky clay.	1/04/2015	30	-10	8.83	-0.5	9	20	40	-0.5
D	HMS105	Lower Harman	363336	5383772	20	og	B	shallow slope. Ridge top. Clay.	1/04/2015	30	-10	9.16	-0.5	8	20	50	0.5
D	HMS111	Lower Harman	363440	5383832	25	bn	B	shallow slope. Rocky	1/04/2015	-10	-10	2.16	-0.5	17	20	70	-0.5
D	HMS138	Lower Harman	362533	5384197	45	bn	B	moderate slope. Rocky base. Gravelly.	1/04/2015	-10	-10	6.05	-0.5	13	10	60	-0.5
D	HMS144	Lower Harman	362639	5384253	35	bn	B	shallow slope. Gravelly.	1/04/2015	-10	-10	6.67	-0.5	15	20	60	-0.5
D	HMS150	Lower Harman	362745	5384309	35	bn-og	B	steep slope. Rocky base.	1/04/2015	30	30	8.22	-0.5	9	10	60	-0.5
D	HMS151	Lower Harman	362763	5384318	15	bn-rd	B	steep slope. Rocky base.	1/04/2015	20	10	7.18	-0.5	7	10	50	-0.5
D	HMS152	Lower Harman	362781	5384327	20	bn	B	steep slope. ?UM outcrop. Rocky base.	1/04/2015	10	30	4.76	-0.5	7	20	30	-0.5
D	HMS155	Lower Harman	362834	5384355	20	og-bn	B	rocky base. Shallow slope.	1/04/2015	-10	-10	7.06	-0.5	15	20	60	0.6
D	HMS161	Lower Harman	362940	5384411	20	bn	B	moderate slope. Rocky clay.	1/04/2015	10	-10	8.29	-0.5	13	20	50	-0.5
D	HMS187	Lower Harman	362995	5384084	45	og	B	gravelly. Moderate slope. Soil.	1/04/2015	-10	-10	11.65	-0.5	17	10	110	1.3
D	HMS207	Lower Harman	362943	5383822	30	bn-og	B	moderate slope. Rocky base. Gravelly soil.	1/04/2015	-10	-10	6.9	-0.5	9	40	40	-0.5
D	HMS222	Lower Harman	363206	5383966	30	og	B	moderate slope. Fine soil.	1/04/2015	10	-10	9.63	-0.5	16	40	30	-0.5
D	HMS223	Lower Harman	363224	5383975	50	og	B	moderate slope. Gravelly clay-soil	1/04/2015	40	-10	10.05	-0.5	9	40	30	0.5
D	HMS231	Lower Harman	362890	5383793	30	bn	B	steep slope. Rocky. Fine soil/clay.	1/04/2015	-10	-10	4.05	-0.5	16	120	120	0.7
D	SBSS013	Stanley Bridge	357510	5381117	25	gy	B	rocky and gravelly	1/04/2015	-10	-10	1.37	-0.5	-5	80	110	-0.5
D	SBSS014	Stanley Bridge	357526	5381129	40	gy	B	rocky and gravelly	1/04/2015	-10	-10	2.09	-0.5	-5	70	170	0.5
D	SBSS015	Stanley Bridge	357542	5381141	30	gy	B	gravelly. Shallow slope.	1/04/2015	-10	-10	0.49	-0.5	-5	130	30	-0.5
D	SBSS016	Stanley Bridge	357559	5381153	70	gy-bn	B	flat ground. Gravelly	1/04/2015	10	-10	0.47	-0.5	-5	210	30	0.7
D	SBSS017	Stanley Bridge	357575	5381165	40	dgy	B	beside river. Above floodplain. Gravelly.	1/04/2015	-10	-10	4.83	-0.5	8	110	360	1
D	SBSS018	Stanley Bridge	357591	5381177	70	og-bn	B	other side of river. Smooth sandy clay	1/04/2015	10	-10	5.15	-0.5	8	350	200	2.1
D	SBSS019	Stanley Bridge	357607	5381189	80	bn-og	B	flat ground.	1/04/2015	-10	-10	5.87	-0.5	26	260	190	1.8
D	SBSS020	Stanley Bridge	357624	5381200	60	bn	B	boggy ground. Sandy clay	1/04/2015	-10	-10	4.33	-0.5	6	240	210	1.7
D	SBSS021	Stanley Bridge	357640	5381212	20	gy	B	flat ground. Gravelly	1/04/2015	-10	-10	2.5	-0.5	-5	140	160	0.8
D	SBSS022	Stanley Bridge	357656	5381224	20	gy	B	flat. Thick bush. Gravelly.	1/04/2015	-10	-10	1.41	-0.5	-5	70	100	-0.5
D	SBSS023	Stanley Bridge	357672	5381236	10	dgy	B	thick bush. Shallow slope. Rocky.	1/04/2015	-10	-10	1.17	-0.5	-5	90	90	-0.5
EOF																	

Appendix C: EL21/2005 Soil Sample Locations and Assays by Acid Digestion 22/8/2014 to 21/8/2015

H1000	Sample	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Th	Ti	Tl	U	V	Zn	AComments
H1001		ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	
H1002																												
D	CRCK085	-2	0.07	-0.5	1	31	2	0.73	1.67	50	0.23	79	-1	0.07	6	230	12	0.03	-5	8	22	-20	0.27	-10	-10	42	11	
D	CRCK113	-2	0.02	-0.5	-1	35	1	0.58	0.91	40	0.12	67	-1	0.04	-1	90	4	0.02	-5	5	10	-20	0.34	-10	-10	43	5	
D	CRCK114	-2	0.2	-0.5	9	359	88	6.86	0.14	90	0.83	929	4	0.03	212	1180	23	0.06	73	33	44	20	2.45	-10	-10	236	95	
D	CRCK115	-2	0.73	-0.5	35	289	37	7.27	0.1	50	2.08	644	3	0.03	217	1870	15	0.07	18	22	44	20	1.28	-10	-10	169	64	
D	CRCK116	-2	0.23	-0.5	6	188	23	5.36	1.31	50	0.83	344	2	0.06	80	770	21	0.06	5	17	31	20	1.17	-10	-10	162	25	
D	CRCK117	6	0.12	-0.5	1	198	21	5.58	0.59	60	0.24	86	2	0.04	69	930	32	0.05	-5	14	59	20	1.58	-10	-10	185	18	
D	CRCK118	-2	0.01	-0.5	-1	66	8	2.01	2.2	40	0.25	68	-1	0.09	13	140	7	0.02	-5	12	16	-20	0.37	-10	-10	98	8	
D	CRCK141	-2	0.02	-0.5	-1	41	1	0.67	1.21	30	0.2	76	-1	0.06	3	110	5	0.02	-5	7	11	-20	0.33	-10	-10	55	6	
D	CRCK142	3	2.18	-0.5	1	174	17	3.43	0.2	50	3.04	632	-1	0.06	18	370	13	0.04	-5	18	8	20	0.9	-10	-10	137	54	
D	CRCK143	-2	0.03	-0.5	1	24	1	0.72	0.72	20	0.1	88	-1	0.04	2	90	7	0.02	-5	4	11	-20	0.21	-10	-10	25	6	
D	HMS045	-2	0.08	-0.5	10	201	76	8.54	0.57	20	0.97	558	2	0.07	56	400	7	0.05	-5	25	10	20	1.47	-10	-10	206	37	
D	HMS049	-2	0.02	-0.5	10	131	117	15.05	0.2	-10	0.03	490	-1	0.03	361	1480	3	0.07	-5	48	14	-20	2.13	-10	-10	271	25	
D	HMS050	-2	1.63	-0.5	27	574	81	9.29	0.25	20	0.56	726	1	0.31	52	500	7	0.05	-5	14	129	-20	1.08	-10	-10	202	38	
D	HMS083	-2	1.32	-0.5	30	593	99	12.2	0.22	-10	1.28	1375	2	0.2	123	450	15	0.06	-5	34	55	-20	0.97	-10	-10	281	47	
D	HMS084	-2	1.63	-0.5	15	353	78	10.65	0.21	10	0.72	603	2	0.21	66	450	15	0.07	-5	20	110	20	1.2	-10	-10	235	26	
D	HMS085	-2	0.49	-0.5	14	383	276	16.05	0.16	-10	0.3	261	4	0.14	65	590	6	0.14	-5	32	35	-20	1.5	-10	-10	294	16	
D	HMS099	3	1.79	-0.5	23	727	124	9.62	0.31	10	2.32	675	1	0.29	129	260	3	0.06	-5	31	31	-20	0.79	-10	-10	311	52	
D	HMS103	4	1.04	-0.5	16	306	192	13	0.16	10	0.54	487	3	0.17	59	720	4	0.08	-5	25	68	20	1.3	-10	-10	229	28	
D	HMS104	3	1.11	-0.5	13	291	202	13.6	0.11	10	0.38	338	3	0.14	62	630	7	0.07	-5	26	86	20	1.29	-10	-10	232	23	
D	HMS105	7	2.07	-0.5	15	390	171	13.3	0.17	10	1.04	559	3	0.33	63	600	5	0.07	-5	29	120	20	1.16	-10	-10	256	30	
D	HMS111	-2	0.47	-0.5	504	-1111	22	16.3	0.1	10	4.77	8580	1	0.07	2310	490	11	0.07	-5	7	45	-20	0.46	-10	-10	104	137	Cr >1% ULD by ICP61
D	HMS138	4	0.59	-0.5	9	188	37	10	0.28	20	0.92	828	2	0.09	43	620	10	0.08	-5	16	14	20	1.42	-10	-10	241	55	
D	HMS144	5	0.4	-0.5	9	219	39	10	0.24	20	0.78	719	3	0.1	49	570	10	0.07	-5	16	14	20	1.46	-10	-10	248	49	
D	HMS150	3	2.92	-0.5	26	550	297	10.05	0.19	10	2.12	929	1	0.39	107	630	5	0.07	-5	34	55	-20	0.88	-10	-10	270	46	
D	HMS151	5	2.4	-0.5	19	470	215	10.7	0.13	10	1.66	899	1	0.23	81	570	5	0.07	-5	30	30	-20	1.01	-10	-10	251	45	
D	HMS152	5	2.85	-0.5	16	261	116	8.35	0.21	10	1.54	949	2	0.25	59	1020	4	0.11	-5	20	29	-20	0.87	-10	-10	202	45	
D	HMS155	4	0.53	-0.5	13	190	82	8.89	0.23	20	0.85	769	2	0.12	59	820	11	0.08	-5	21	15	20	1.19	-10	-10	205	54	
D	HMS161	6	1.33	-0.5	10	331	79	8.69	0.14	20	1	763	3	0.11	86	490	7	0.06	-5	20	20	20	1.47	-10	-10	288	45	
D	HMS187	6	0.01	-0.5	29	148	208	15.1	0.09	-10	0.07	1070	1	0.03	160	1970	10	0.13	-5	45	6	30	2.02	-10	-10	300	60	
D	HMS207	7	0.77	-0.5	9	212	41	8.9	0.16	20	0.94	605	2	0.14	36	420	7	0.07	-5	20	13	20	1.33	-10	-10	236	27	
D	HMS222	9	0.5	-0.5	9	493	173	15.2	0.11	10	0.24	321	2	0.08	85	500	3	0.1	-5	26	39	20	1.74	-10	-10	283	25	
D	HMS223	8	1.02	-0.5	10	366	273	16.65	0.08	10	0.2	292	3	0.09	55	700	-2	0.1	5	34	86	20	1.72	-10	-10	291	24	
D	HMS231	3	0.28	-0.5	5	102	29	6.03	0.44	30	0.46	1780	5	0.24	13	540	14	0.1	-5	10	32	20	0.84	-10	-10	147	40	
D	SBSS013	-2	0.01	-0.5	-1	24	-1	0.83	0.49	10	0.09	114	1	0.03	-1	30	-2	0.02	-5	3	6	-20	0.16	-10	-10	26	-2	
D	SBSS014	3	0.01	-0.5	-1	28	-1	0.63	0.76	10	0.13	91	1	0.03	-1	50	-2	0.02	-5	4	9	-20	0.2	-10	-10	37	-2	
D	SBSS015	3	0.01	-0.5	-1	24	-1	0.67	0.15	10	0.04	83	1	0.03	-1	40	-2	0.02	-5	1	5	-20	0.14	-10	-10	9	2	
D	SBSS016	2	0.01	-0.5	-1	13	-1	0.79	0.12	10	0.03	97	-1	0.03	-1	50	-2	0.01	-5	1	4	-20	0.12	-10	-10	7	-2	
D	SBSS017	3	0.01	-0.5	-1	52	4	0.62	2.14	30	0.36	110	1	0.07	-1	60	4	0.04	-5	8	8	20	0.28	-10	-10	79	-2	
D	SBSS018	-2	0.1	-0.5	-1	15	-1	1.28	3.08	100	0.07	143	1	0.71	4	200	12	0.02	-5	3	25	60	0.24	-10	-10	18	6	
D	SBSS019	3	0.08	-0.5	-1	15	-1	2.16	2.85	90	0.07	113	1	0.57	2	180	18	0.02	-5	4	24	60	0.22	-10	-10	27	7	
D	SBSS020	3	0.08	-0.5	1	11	-1	0.94	3.32	60	0.04	130	1	0.6	-1	170	12	0.03	-5	2	25	40	0.15	-10	-10	10	4	
D	SBSS021	2	0.03	-0.5	1	19	2	0.67	1.07	40	0.08	104	1	0.16	1	100	13	0.01	-5	4	15	20	0.22	-10	-10	22	7	
D	SBSS022	3	0.02	-0.5	1	18	3	0.66	0.52	20	0.06	105	1	0.06	-1	70	7	0.02	-5	3	11	-20	0.26	-10	-10	16	5	
D	SBSS023	3	0.03	-0.5	1	16	3	0.69	0.49	20	0.07	114	-1	0.08	3	80	6	0.03	-5	2	12	-20	0.26	-10	-10	12	7	
EOF																												

Appendix D

**EL21/2005 Rock sample locations and assays
2014-2015**

Appendix D: EL21/2005 Rock Sample Locations and Assays 22/8/2014 to 21/8/2015

H0002	Version		3																	
H0003	Date_generated		19/8/2015																	
H0004	Reporting_period_end_date		21/8/2015																	
H0005	State		TAS																	
H0100	Tenement		EL21/2005																	
H0101	Tenement_holder		Venture Minerals Ltd																	
H0102	Project_name		Mt Lindsay																	
H0106	Tenement_operator		Venture Minerals Ltd																	
H0150	250K_map_sheet		SK5503 Burnie																	
H0151	100K_map_sheet		7914 Pieman																	
H0152	50K_map_sheet		na																	
H0153	25K_map_sheet		3437 Stringer, 3438 Livingstone, 3637 Rosebury, 3638 Parsons, 3639 Ramsay																	
H0200	Start_date_of_data_acquisition		22/8/2014																	
H0201	End_date_of_data_acquisition		21/8/2015																	
H0202	Data_format		SG3																	
H0203	Number_of_data_records			3																
H0204	Date_of_metadata_update		19/8/2015																	
H0500	Feature_Located		Sample Point																	
H0501	Geodetic_datum		GDA94																	
H0502	Vertical_datum		not applicable																	
H0503	Projection		MGA																	
H0531	Projection_zone			55																
H0532	Surveying_instrument		GPS Garmin62CSx																	
H0533	Surveying_Company		Venture Minerals Ltd																	
H0600	Sample_code		ROCK																	
H0601	Sample_type		rock																	
H0602	Sample_description		see data																	
H0700	Sample_preparation_code		PREP-21																	
H0701	Sample_preparation_details		dry, crush, LM5 pulverise to approx P80 <75 microns																	
H0702	Job_no		AD14193548																	
H0800	Assay_code		XRF05, ME-ICP61, Au-AA25																	
H0801	Assay_company		ALS Global, samples prepared in Adelaide, assayed in Perth & Brisbane																	
H0802	Assay_description1		Sn & W by ALS method XRF05 on pressed powder discs																	
H0803	Assay_description2		Al, Ag, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V & Zn by ALS method ME-ICP61 pulp digested by perchloric, nitric, hydrofluoric and hydrochloric acid digestion																	
H0804	Assay_description3		Au by ALS method Au-AA25 30g lead collection fire assay with AAS finish to 0.01 ppm LLD																	
H0900	Remarks:		- designates below Lower Limit of Detection																	
H1000	Sample	Prospect	E_MGA55	N_MGA55	Description	Date	Sn	W	Au	Ag	Al	As	Ba	Be	Bi	Ca				
H1001			metres	metres			ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%				
H1002			10	10																
D	SBAMS011	Stanley Bridge	358514	5380922	float, mod weathered cm-lgy qz sandstone with qz veinlets & vugs with qz prisms to 2mm size	19/09/2014	-5	-10	-0.01	-0.5	0.18	17	10	-0.5	-2	0.02				
D	SOST07	Stanley Bridge	357705	5380985	outcrop, folded wt qz+py veins & disseminated py in tightly folded dgy argillite & gy micaceous qz sandstone	4/12/2014	-5	-10	-0.01	-0.5	1.64	33	80	0.6	-2	0.02				
D	SOST08	Stanley Bridge	357626	5380985	outcrop, folded wt qz veins to 10mm tk parallel & oblique to bedding with 1-2% py, in folded gy argillite with lesses qz sandstone	4/12/2014	-5	-10	-0.01	-0.5	1.79	61	110	0.6	-2	0.01				
EOF																				

