Adamus Resources Limited

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2005 Annual Exploration Report
Exploration Licence 18/2002
Serpentine Ridge
NW Tasmania

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1 Summary

Exploration Licence 18/2002 located in western Tasmania and held by Adamus Resources Ltd includes two fault-bounded Cambrian layered ultramafic bodies intruded by the Devonian Meredith Granite. Target commodities are Ni, Au, PGMs and chromite, and exploration work during 2005 included:

- 919 line kilometres of heliborne magnetic surveying, flown on 50 m flight line spacings over the Wilson River Ultramafic Complex.
- 116 panned stream sediment samples covering the Huskisson River and northern Wilson River ultramafic complexes. All samples were assayed Au, Pt, Pd, Cr, Cu, Ni S, and selection of samples for Ag, As, Co, Mo, Mn, Sn, W and Zn.
- 328 orientation soil samples collected on 8 traverses for a total of 9.5 km across the Wilson River ultramafic complex. All samples were assayed for Ni using an aqua regia digest, and Ni, As, Cu, Co, Se, and Pd using partial leach. A selection of samples was also assayed for Au, Sb and Cd using partial leach.
- 11 rock chip samples, assayed for Au, Pt Pd, S, Cr, Cu, Ni, Pb, Zn, Ag, As, Sn, W, and Mo.
- 11 bulk (ca. 10-30 kg each) samples of glacial gravel and lateritic clay. Heavy mineral separations and assays were carried out on 9 samples.

While the area is highly prospective for Avebury-type Ni-sulphide skarns adjacent to the Meredith Granite the surface geochemistry is complicated by scattered occurrences of nickeliferous laterite and widespread relict goethitic soil: Soils on the Wilson River ultramafic complex widely assay over 0.3% Ni and locally >0.5% Ni. Several magnetic and/or geochemical nickel-sulphide targets are outlined and selected for follow-up soil and rock chip sampling before drilling can be considered. Some lower priority gold and PGM targets are also outlined for rock chip and soil sampling. Previously defined chromite resources (1.7 Mt at 1.8-2% chromite; Callina NL) are too small for exploitation, but it is recognised that large areas of chromite (+PGM+Au) -bearing glacial and alluvial gravels could provide the necessary boost to resources.

Reconnaissance sampling of gravel terraces in the Riley Knob area indicate a chromite content of up to 4.5% and the Holocene alluvial terraces appear to be more prospective and need to be delineated from the Pleistocene fluvioglacial gravels.

2 Introduction

Exploration Licence 18/2002 is located in western Tasmania a few kilometres to west of the town of Rosebery and north of the Renison Bell tin mine. The licence is covered by the Pieman 1:100,000 map sheet, and currently comprises an area of 97 km^2. Topography is moderately rugged, and notable topographic features include Serpentine Ridge and parts of the Wilson and Huskisson River catchments. The bitumen HEC Pieman Road traverses the southwestern part of EL18/2002 and access to the northeastern part is via unsealed HEC and forestry tracks. Access to the northwestern part of the licence is currently limited to foot or helicopter. Principal land uses include State Forest, Regional Reserve, and Forest Reserve.

EL18/2002 includes two Cambrian ultramafic bodies in faulted contact with Neoproterozoic and Silurian-Devonian sedimentary rocks and intruded by Devonian granite. The licence area is considered prospective for nickel, Platinum Group Metals (PGMs), chromium and gold mineralization, and has also been explored for tin, lead, zinc and silver.

Osmiridium, a rare naturally occurring alloy of the PGMs osmium and iridium, was first reported in Tasmania from the Wilson River valley in the 1876 by Surveyor-General Sprent (initially identified as palladium), and the Riley, Trinder, Three Mile, Lippy Jane, Fowler, Sweeney, Osmiridium and Gold creeks were later extensively worked for detrital osmiridium. An exact osmiridium production figure for the Wilson River area is not available, but of the total 31,100 oz produced from Tasmania between 1910 and 1968 (first and last reported production) around half came from the Adamsfield area ca. 120 km to the southeast and much of the rest from the Heazlewood-Bald Hill area near Waratah approx. 30 km to the north. Riley, Trinder, Three Mile, Lippy Jane, Fowler, Sweeney, Osmiridium and Gold creeks were the most extensively worked for osmiridium in the Wilson River area. While there are some small test pits within serpentinite basement in the Riley Creek area the historic mining focussed on alluvial gravels in active creeks. The detrital osmiridium typically occurs as flaky nuggets up to a few millimetres dimension, and

petrographic work (Callina NL 1985-1990, Brown 1986) also indicates occurrence as inclusions within chromite grains from the ultramafic basement. Numerous workers have identified small chromite lenses up to 20-30 mm thick and 1-2 m long within the ultramafics, and analyses of some primary chromitites indicate highly anomalous PGM levels (Brown 1986).

There was additionally minor alluvial tin and gold production from the Wilson and Huskisson valleys and during the 1970's the area in the vicinity of the Meredith Granite was extensively explored for tin and tungsten mineralization. Tin-bearing alluvials occur in the many drainages on the northeastern side of Serpentine Ridge, including Barnes, Sweeney and Tin creeks and Alfred River. Low-grade primary tin mineralization occurs in the Harman River, Merton Hill, and Laurel Creek areas, and Reid (1921) makes reference to narrow dykes of tinstone-bearing quartz-feldspar porphyry cropping out in the vicinity of Tin Creek. Merton Hill was tested with 3 small adits by prospectors in the early 1900s, and later, 7 diamond drill holes (DDH MH1 to 7) by Renison Ltd (1980-1982). The drilling results were discouraging, the best intersection being 7.6m from 48.9m at 0.08% Sn, 0.76% Pb, 2% Zn and 36ppm Ag in MH1. The identified mineralization was associated with veins and breccias within the Devonian Eldon Group (specifically, within the Crotty Quartzite and unnamed limestone member of the Amber Shale) associated with a northeast dipping fault zone adjacent to the contact with the Wilson River ultramafic body. Narrow granitic dykes with disseminated pyrrhotite were encountered in some of the drill holes at Merton Hill. Garnet skarns were identified in the Gordon Limestone around the confluence of Little Wilson and Wilson Rivers.

The source of the alluvial gold has not been thoroughly investigated but is in most cases probably reworked from glacial gravels. Significant gold mineralization has not been reported from any of the identified tin prospects within EL18/2002, although it was not commonly assayed. Adit samples and some of the Renison drill core from the Merton Hill tin prospect (see above) was subsequently re-assayed for Au (Black Horse Mining, 1986-1987 and Cyprus Gold Australia Corp, 1987-1989) with a best result of 2m at 0.165ppm Au obtained in a magnetite skarn.

Lateritic nickel and cobalt mineralization was identified in the southern Serpentine Ridge area by Aberfoyle in the late 1960s by a program that included hand auger drilling and man-portable coring (5 core holes) to a maximum depth of 30 ft. Grades of up to ca. 2% Ni and 1.5% Co were obtained from thin (<1-5m) patches of relict laterite and in the underlying saprolitic serpentinite assays of >0.5% Ni were commonly obtained. Sulfides were not observed. There was no

systematic investigation for Ni-sulphide mineralization beyond the Serpentine Ridge – Riley Knob area (the Camp 30 area of Aberfoyle).

Callina NL (1985-1990) defined a detrital chromite resource in the Riley Creek area on the southwestern flank of Serpentine Ridge (the area that was also focus of the historic osmiridium workings). While the chromite is premium quality (>60% Cr_2O_3) the Callina resource was small (approx 1.7Mt at 1.9% chromite) and at the time not considered economic. The associated detrital PGM (Os and Ir, lesser Pt) and gold content were not assigned any economic value by Callina.

3 Geology

EL18/2002 includes two high-magnesium layered ultramafic bodies of Eocambrian - Cambrian age, the Wilson and Huskisson River ultramafic complexes (WRUC and HRUC respectively), which are part of a group of similar ultramafic bodies scattered along the Dundas and Adamsfield troughs in northwestern and western Tasmania. The WRUC is one of the largest exposed ultramafic bodies in the Dundas Trough at ca. 25 km^2 (approx. 17 km long and up to 2 km across), and was presumably continuous with the Mt Stewart ultramafic body ca. 11 km to the north-northwest before intrusion of the Meredith Granite. The smaller Huskisson River ultramafic body (ca. 6 km long and up to 1 km across, exposed area ca. 3.5 km^2) may be continuous with the Wilson River complex beneath Silurian – Devonian sedimentary rocks exposed in the core of the Huskisson Syncline (i.e. WRUC and HRUC represent southwest and northeast limbs respectively of the Huskisson Syncline). Brown (1986) identified two petrogenetically distinct ultramafic successions within the WRUC and HRUC:

1) ***Layered Dunite-Harzburgite succession (LDH)***, comprising fine to medium-grained, well-layered dunite, orthopyroxene-bearing dunite, and harzburgite composed of olivine, enstatite, chromite, and serpentine after the former silicate phases. Layering ranges from ca. 10 mm to 400 mm thick, with a primary bedding-parallel foliation defined by the primary alignment of enstatite and chromite crystals in the plane of bedding. There is also typically a later foliation defined by flattening of olivine crystals. Both olivine and orthopyroxene occur as cumulous phases, and chromite an accessory phase (1-5%)

typically most abundant in the dunite layers. Discontinous chromite laminations individually up to ca. 1-2 mm thick and 1-2 m long are locally present in the LDH. Brown (1986) mentions the occurrence of PGE-rich chromite nodules in LDH of the Serpentine Ridge area. The western 100-150 m of the LDH in the Harman River area consists of interlayered dunite pyroxene-bearing dunite, and the eastern part layered harzburgite with minor thin dunite layers (Brown 1986).

2) ***Layered Pyroxenite-Dunite succession (LPD)***, consisting of fine to medium-grained well-layered orthopyroxenite, olivine orthopyroxenite, and dunite. Layering is typically thinner than in the LHD, ranging up to 150 mm thick but mostly a few millimetres to 20 mm thick. Olivine and orthopyroxene dominate with accessory amounts of clinopyroxene (1-2%) and chromite (1-2%). Chromite is more common in the dunite layers. The layering sequence dunite-orthopyroxenite-dunite-orthopyroxenite is the most common, followed by dunite-orthopyroxenite-olivine orthopyroxenite-orthopyroxenite.

According to Brown (1986) serpentinite shears or faults separate the LDH and LPD everywhere and the original relationship of the two successions is unclear. The exposed parts of WRUC and HRUC are dominated by the LDH sequence. Two small, infaulted blocks of LPD have been mapped by Brown (1986) at the north end of the WRUC (the Websterite Hill area), and the southern part of both complexes comprises LPD.

General interpretation is that the WRUC and HRUC are entirely fault bounded, the lower margins against Neoproterozoic and Early Cambrian volcarenites and carbonates of the Crimson Creek Formation and correlatives, the upper margins against Devonian shallow-marine conglomerates, quartz arenites, siltstones and marls (Crotty Quartzite, Florence Quartzite, and Bell Shale), and locally slivers of the Cambrian Gordon Limestone. Radiometric dates are not available for the WRUC and HRUC and a broad Eocambrian to Cambrian age has been estimated according to stratigraphic constraints (e.g. Brown 1986). A major episode of folding during the Devonian formed the northwest to north trending Huskisson Syncline, and contact metamorphism indicates emplacement of the WRUC and HRUC into the current stratigraphic position prior to the intrusion of the Meredith Granite around 370 Ma. Vein and replacement-style tin and tungsten mineralization appears to be associated regionally with the intrusion of the Meredith Granite.

Although fault bounded, the prevalence of orthopyroxene over clinopyroxene, absence of protoclastic textures, and lack of stratigraphically associated sheeted dyke and pillow lava units suggests the WRUC-HRUC is not ophiolitic. Brown (1986) proposed intrusion of ultramafic bodies into the opening Dundas Trough during the Early Cambrian followed by tectonic re-emplacement prior to the Devonian. The presence of serpentinite pebbles and abundant detrital chromite within Huskisson Group sedimentary rocks at Merton Hill (Adamus observations) and Red Lead Conglomerate of the correlative Dundas Group in the Mt Razorback area (Brown 1986) suggests exposure and partial erosion of the ultramafic complexes prior to the Middle Cambrian.

Quaternary fluvioglacial sediments and Quaternary-Recent alluvial gravels cover much of the HRUC, and minor parts of the WRUC. Osmiridium, gold, and chromite are locally concentrated in the Quaternary-Recent alluvial gravels. Patches of laterite and saprolite are locally present over the WRUC in the Serpentine Ridge area, representing relicts of a more extensive lateritic cover developed during the Tertiary. Some lateritic nickel and cobalt mineralization has been identified. Goethitic soils are widespread over Serpentine Ridge and the Websterite Hill area.

4 2005 Exploration Activities

4.1 Heliborne Magnetic Surveying

Between the 9th of April 2005 and the 13th of April 2005 Fugro Airborne Surveys Pty Ltd ("FAS") undertook an airborne helicopter magnetic survey for Adamus Resources Ltd, over the Serpentine Ridge Project area near Zeehan, Tasmania. The survey consisted of one area, flown in 8 flights. Survey line spacing was 50 m, tie line spacing 500 m, nominal terrain clearance 50 m, and total coverage of the survey area amounted to 919 line kilometres.

Summary survey details are as follows:

Job Number	1708
Survey Company	Fugro Airborne Surveys Pty Ltd
Date Flown	9th April 2005 – 13th April 2005
Client	Adamus Resources Ltd
Area Name	Serpentine Ridge, Tasmania

Traverse Line Spacing	50 m
Traverse Line Direction	045 – 225 deg
Traverse Lines	10001 – 10272 (272)
Tie Line Spacing	500 m
Tie Line Direction	135 – 315 deg
Tie Lines	19001 – 19013 (13)
Nominal Terrain Clearance	50 m
Total Survey Line Kilometres	919 km
Nominal data sample intervals	Magnetometer 3.0 m (@10 Hz); Radar altimeter 3.0 m (@10 Hz); Temperature 3.0 m (@10 Hz); Pressure 3.0 m (@10 Hz); GPS 30 m (@ 1 Hz); Magnetic base station (G856) 5 s
Survey Platform	Bell B206 B3 Jetranger Helicopter VH-JWF
Data acquisition system	FASDAS digital acquisition system
Total Field Magnetometer	Geometrics G822A Cesium Vapour
Magnetometer Compensator	FASDAS magnetic decoupler
Navigation System GPS	Fugro Omnistar in VBS (Virtual Base Station) mode, Ashtech G12 GPS receiver
Base station magnetometer	2 x Geometrics G856 proton precession
Altimeter	Collins ALT 50B radio altimeter
Barometer	Setra V55M

A full copy of FAS' final survey report and data is supplied in Appendix F.

4.2 Stream Sediment, Soil and Rock Chip Sampling

During the summer of 2005 Adamus personnel (geologist and field assistant) collected 116 panned stream sediment samples, 328 orientation soil samples, 11 rock grab samples and 11 "bulk" (ca. 20 kg each) of glacial gravel and lateritic materials. The field crew was based in Tullah and all access was undertaken on foot from existing roads. Vehicle access north of the Wilson River was not possible and a period of camping was necessary to complete the sampling in the Harman and Little Wilson River areas.

Thick vegetation and difficult access in places limited stream sample localities to an average of around 3 – 5 per day. As for the 2004 program, all stream sediment samples were submitted to Genalysis Laboratories, Perth for assay of Au, Pt, Pd, Cr, Cu, Ni and S. A selection of samples were also assayed for Ag, As, Co, Mo, Mn, Sn, W and Zn

A set of 8 orientation soil sampling traverses were conducted at selected locations across the WRUC. The soil samples were collected 25 m apart along the traverses and the combined

traverse length was 9.5 km. Dense vegetation limited progress to <1 km per day. Organic matter was scraped off each sample site using a geological pick, and then the sample collected from a depth of ca. 5-10 cm. Soil composition was highly variable and individual lines commonly traversed several very different soil types. A residual lateritic component is also present in many areas. Two 250 g samples (an A and B sample) were collected at each site, for a total of 328 pairs of samples. All samples were submitted to Genalysis Laboratories, Perth for assay: one sample from each site (the A sample) was submitted for "total" digest by aqua regia and AAS finish for Ni, the other sample (B) by Genalysis partial digest method TL1 with ICPMS finish for Ni, As, Cu and Co. It was hoped that the partial digest method might reduce the effect of lateritic nickel enrichment.

A total of 11 samples weighing ca. 10-30 kg each of lateritic clay and terrace gravels were collected during 2005 to further evaluate the detrital chromite potential. Three samples were taken from the orange-brown clay zone beneath the lateritic gravels in the Three Mile Creek – Riley Creek – Trinder Creek area (Callina Laterites), and 8 samples from glacial terraces in the Fowler Creek, Riley Knob, and Merton Hill areas. Detrital chromite was visible in most samples, and gold and osmiridium were also observed in panned material from the glacial outwash terrace in the Fowler Creek area. At this stage 9 of the samples have been processed by Diatech Heavy Mineral Services, Welshpool, WA.

All sampling details and results from Adamus' 2004 and 2005 field programs are given in Appendices C to H.

5 Results and Discussion

5.1 Heliborne Magnetic Interpretation: A series of GIS-ready images for geological interpretation were produced by geophysical consultants Resource Potentials Pty Ltd. Resolution from the current survey is a considerable improvement over the regional 200 m line spacing 2001 West Tasmania (WTRMP Area C) survey. MRT 1:25,000 scale geology was overlaid on the magnetics images in MapInfo and modified basement geology generated to reflect the new data. The interpretation is preliminary and needs field investigation of key areas.

As shown by regional surveys the WRUC is a highly magnetic feature with an overall magnetic trend parallel to compositional strike (i.e. NNW). The improved resolution of the current survey also shows that internal magnetic relief in some parts of the WRUC does not correspond with and can not reflect primary compositional banding. This is most conspicuous in the Harman – Little Wilson area where the WRUC is intruded by the Meredith Granite: compositional banding adjacent to the granite strikes north-northwest (Brown 1986) but the magnetic highs trend east-northeast roughly parallel to topography. There is a strong positive correlation between topography and magnetic response in this area which is inferred to reflect dissection of a thin layer of WRUC over the non-magnetic Meredith Granite. Relative relief is around 100 m and several small patches of granite have been mapped in the bottom of valleys in the Harman – Little Wilson catchments. A tongue of Meredith Granite is inferred to extend beneath the large magnetic low (approx 3 km long and up to 1 km wide) within the WRUC in the Harman River area, deepening off gradually beneath Websterite Hill and Limestone Creek areas. This interpretation for the Harman River area is entirely compatible with gravity data and MRT granite isobath plans produced in 2004-2005. A modestly dipping extension of the Meredith Granite beneath the Websterite Hill and Limestone Creek regions would probably be compatible with the gravity data if a density greater than 2.68 (serpentinite) was assumed for the WRUC.

The large magnetic low (approx, 3 km long and 1 km wide) corresponding with the crest of Serpentine Ridge could reflect the presence of an oval non-magnetic granitic intrusion beneath the serpentinite. Parallel (nearly concentric) magnetic lineaments around this low may represent contact metamorphic aureoles. Narrow granitic dykes were encountered in drill holes at the adjacent Merton Hill, and Reid (1921) mentions narrow quartz-feldspar porphyry dykes cropping out in the vicinity of Tin Creek (1.5 to 2 km southeast of Merton Hill). This area is approx. 5 km north of a northwest-trending gravity ridge associated with the early Carboniferous Renison Complex.

The LDH and LPD as mapped by Brown (1986) do not appear magnetically distinct, but the two sequences are in many places separated by a strong magnetic lineament. A modification of Brown's mapping is presented in Figure 2 with a shear separating the LDH and LPD. The western and eastern margins of the WRUC are sharply defined by the magnetics and correspond closely with the position according to 1:25,000 scale mapping. The WRUC western boundary fault is strongly magnetised, especially to the south of the Wilson River. Portions of the WRUC

eastern boundary fault, especially adjacent to Merton Hill, are also modestly magnetic. The presence of serpentinite pebbles and abundant detrital chromite within a faulted sliver of Middle Cambrian Huskisson Group sedimentary rocks east of the WRUC at Merton Hill suggests the Eastern Boundary Fault is also a faulted erosional break. The Red Lead Conglomerate of the correlative Dundas Group in the Mt Razorback area (approx 15 km to the south of Merton Hill) also includes serpentinite clasts and detrital chromite (Brown 1986).

Numerous NE trending lineaments transect the WRUC and HRUC, and appear to be part of a regional NE fracture system which post-dates the ultramafic boundary faults. Although these NE trending magnetic features are conspicuous apparent offset is generally small (<200m) or not evident at all. Opposite senses of apparent offset of the WRUC and HRUC on some of the NE fractures suggest dip-slip movement. Mapped offsets on some of the NE faults are much more substantial (up to ca. 1.5 km apparent) within the Ordovician – Devonian sedimentary rocks (Gordon and Eldon groups) than the older WRUC and HRUC, highlighting some interesting structural, stratigraphic and interpretational issues than need follow-up field work to resolve.

There is no clear correlation between the mapped lateritic gravels and magnetic response in the southern Serpentine Ridge area: the magnetic gravel layer may be too thin (<3 m) to affect the airborne magnetic field.

5.2 Gold: Panned stream sediment samples returned up to 5.8 ppm Au but in many cases the gold is probably derived from glacial gravels in the catchments (Figure 7): 1) Southwestern Serpentine Ridge, source appears to be the Riley West and East glacial gravels, and some glacial gravels south of Kershaw Creek; 2) Wilson River, source probably Quaternary glacial gravels in this area; 3) Chromite Creek, again source likely to be glacial gravels although the extent of these in the catchment is currently poorly defined; 4) John Lynch Creek, gold particles up to 4 mm dimension and coarse magnetite were panned from a small gravel patch over grey clay which included poorly rounded fragments of vuggy vein quartz and ferruginous ?volcarenite. Basement exposure could not be found in the immediate area, and the source may be further up John Lynch Creek beyond EL18/2002.

However, the presence of low-level (10-50 ppb) gold in short drainages entirely within the WRUC and HRUC, and gold in the Callina laterites straddling Riley Creek suggests there is also

some primary gold mineralisation within EL18/2002, although delineation of these is complicated by the secondary glacial source. Two areas which could have a primary gold source are Keenan Creek – eastern Websterite Hill and southern Serpentine Ridge (Figure 7): follow-up stream sediment and rock chip sampling is recommended.

5.3 PGMs: Platinum and palladium were the only PGMs routinely assayed. The historically mined placer PGMs occur as native metals (mainly the alloy iridosmine) and relative abundances are Os≈Ir>>Ru>Pt>Rh>Pd (the average ratio from four stream sediment samples is Os:Ir:Ru:Pt:Rh:Pd of 48:38:10:2.9:0.5:0.2, see Table 4). Therefore it is assumed that osmium and iridium levels with be around ten times the platinum level, and. Hence a 100ppb Pt anomaly translates to Os+Ir level around 2-3 g/t, and the peak Pt in stream sediment assay of 595 ppb is likely to be associated with 12-18 g/t Os+Ir. Platinum anomalism is generally closely associated with the ultramafic rocks but assays of up to 157 ppm (SRSS231) from the ultramafic-free catchment of Chromite Creek indicate at least some secondary gravel sources. The most anomalous part (up to 17 ppb Pt) of John Lynch Creek is **upstream** of the HRUC. Platinoids also occur in the Callina Laterites (Riley Creek area). Palladium levels are very low and generally show the same drainage anomalism as platinum.

Previous work has shown primary platinoids occurring as free metal inclusions within chromite grains of the WRUC, but the lack of correlation between Cr and Pt content of stream sediment samples (Table 3) suggests that some areas are PGM enriched. The WRUC is clearly has greater PGM endowerment than the HRUC. Platinum in stream sediment anomalies which may indicate a primary source and recommended for follow-up stream sediment and rock chip sampling are shown in Figure 8:\

1) Serpentine Ridge – Ahearne, Kershaw, Riley and Trinder creeks and intermediate catchments draining the southwestern margin of the WRUC, and Osmiridium Creek on the adjacent southeastern margin. A maximum of 595 ppb Pt was obtained from Riley Creek adjacent to the Callina Laterites (probably some secondary lateritic enrichment) and 512 ppb Pt from Ahearne Creek, both areas of historical alluvial osmiridium workings. The anomalous drainages do not correlate with mapped glacial gravel occurrences and primary ultramafic source(s) are inferred. Thin (mm scale) PGE-bearing chromite lenses were documented in the LDH along Serpentine

Ridge by Brown (1986) but the area has never been systematically explored for primary PGE mineralisation.

2) Little Wilson River – there are no mapped glacial gravels in the catchment and Pt levels up to 101 ppb in stream sediments suggests presence of primary PGE mineralisation in the LPD and/or LDH adjacent to the Meredith Granite.

5.4 Nickel: The geology of the Wilson River area bears many similarities with the Trial Harbour area approx. 25 km to the southwest and is considered prospective for Avebury-type Ni skarn mineralisation. The recently discovered Avebury Ni-sulphide deposit (current resource 12 Mt at 1% Ni) is hosted by an Eocambrian-Cambrian ultramafic unit within a sequence Cambrian sediments and volcanics which have been intruded and metamorphosed by the Devonian Heemskirk Granite. Mineralisation at Avebury is dominated by pentlandite with minor niccolite and pyrrhotite (Allegiance Mining NL Annual Reports 2003, 2004, and 2005). Allegiance Mining interprets it as a skarn formed when hydrothermal fluids associated with intrusion of the Heemskirk Granite remobilised Ni from silicates in the ultramafic and re-precipitated it in Ni sulphides (mainly pentlandite) around the contact between the ultramafic body and enclosing metasediment-metavolcanic sequence. The Avebury ultramafic body does not crop out at surface and the Ni deposit was discovered when holes were drilled to investigate a prominent magnetic high which ultimately turned out to be magnetite alteration associated with the Ni-skarn.

The WRUC and HRUC are also prominent magnetic units, and the 50 m line spacing heliborne magnetic survey was flown over the WRUC in 2005 to improve resolution of magnetic features and assist the search for Avebury-type Ni-sulphide-magnetite skarns. As noted above (section 5.1) most magnetic highs north of Serpentine Ridge are closely correlated with topographic highs and through to reflect the presence of the Devonian Meredith Granite immediately beneath (possibly 100-200 m) the ultramafic. In the Serpentine Ridge area the relationship between the magnetics and topography is inverted and may indicate the presence of a non-magnetic granitic intrusion rimmed with magnetite-rich aureoles beneath the centre of the ridge. Magnetic features selected for follow-up evaluation are shown in Figures 9 and 10, and include the metamorphosed northern contact with the Meredith Granite, and the strongly magnetised western and eastern boundary faults. A magnetic zone in the Gordon Limestone adjacent to the Meredith Granite

around the Little Wilson – Wilson confluence is also selected as a potential Ni-bearing skarn given its proximity to the WRUC. A sample of marble collected c. 150 m south of this magnetic high in the Gordon Limestone assayed 860 ppm Ni (SRG017), an order of magnitude above Ni levels recorded elsewhere for the Gordon Limestone (<100 ppm Ni). Pyrrhotite was encountered in some of the seven diamond core holes into the Merton Hill Sn-Pb-Zn-Ag prospect drilled by Rension Ltd in the 1980s, but the core was not assayed for Ni. Similarly core from tin-magnetite skarns in Ordovician-Devonian sediments adjacent to the Meredith Granite at the Laurel Creek prospects (approx 5 km north of EL18/2002) do not appear to have been assayed for Ni.

Whole rock analyses of the WRUC by Brown (1986) show Ni content ranges from 2250 to 2700 ppm with an average around 2486 ppm for LDH dunites. The highest Ni value reported by Brown (1986) was 3090 ppm Ni in a metadunite. Serpentinite samples collected from the WRUC and HRUC by Adamus assayed up to 3349 ppm Ni. Pyroxenite in both LDH and LPD successions have less Ni than the dunites (range 400 to 900 ppm; Brown 1986), presumably reflecting fractionation of Ni into olivine during crystallisation. LDH pyroxenites average 840 ppm Ni and LPD pyroxenites 586 ppm Ni, and Brown (1986) attributed the different Ni contents to different parental magma compositions.

Microprobe analyses of various constituent minerals of the WRUC dunites only rarely returned Ni contents above the detection limit of 0.1889 wt% NiO, equivalent to whole rock Ni content of 1485 ppm (Brown 1986; Table 16 and page 125), leading Brown to suggest that the nickel can not be distributed evenly throughout the minerals or samples. Brown (1986) did not identify a distinct Ni-phase. It may be significant that awruite (Ni-Fe alloy) and traces of native nickel were reported in a sample of serpentinised ?dunite (JJ1911) from the LDH in the Riley Creek area (Report 87-2633 Callina NL 1986).

Adamus' panned stream sediment samples assayed from <20 ppm to 1% Ni. Stream sediments from LDH areas (e.g. Serpentine Ridge) may have slightly higher Ni response than LPD areas (e.g. HRUC, WRUC north of the Wilson River), reflecting the greater abundance of dunite in the LDH compared to LPD. But a more important factor is the presence of nickel-bearing laterite and clays, and broad +1000 ppm Ni anomalism extending along both flanks of Serpentine Ridge and the eastern side of Websterite Hill probably reflects the presence of goethitic detritus in the streams (Figures 9 and 10). Stream sediment samples for which lateritic material were logged were filtered out and the following anomalous zones identified: 1) north Serpentine Ridge

(LDH), strongest response (up to 0.8% Ni) in Ahearne Creek in material logged as ultramafic gravel with visible heavy minerals in stream through ultramafic outcrop; 2) Little Wilson River (LPD), up to 0.46% Ni in a catchment which also has elevated Pt levels (up to 101 ppb) and is apparently free of relict laterite. Ultramafic gravels and sand from the Riley Creek area (LDH) are also anomalous with up to 0.4% Ni in samples in which no mention is made of lateritic materials. Re-assay of the bulk residues for iron and magnesium may assist identification of goethite-rich samples, and petrographic examination to identify which minerals hold Ni could verify presence of non-lateritic source. Spot sulphur anomalies in areas such as Fowler Creek most likely relate to pyrite derived from glacial outwash gravels: Callina identified detrital pyrite and chalcopyrite in the outwash gravels. The sulphur-copper anomaly (1.14% S, 55 ppm Cu) in Merton Creek is probably related to the previously identified Sn-Pb-Zn-Ag mineralization at Merton Hill. Elevated S and Ni levels in Merton Creek upstream of Merton Hill within the WRUC and low-level S anomalism in the Ahearne – Limestone Creek area could indicate Ni-sulphide mineralization and need to be followed up. A slight sulphur anomaly exists in the Three Mile – Riley Creek area, and while the association with elevated Ni is definitely complicated by the known presence of laterite it should not disregarded. The Ahearne –Limestone Creek area is also weakly S-anomalous and needs to be field checked for residual areas of lateritic soil: if free from laterite the area may be amenable to soil sampling for Ni-sulphide. Ni anomalism in the Three Mile - Riley Creek area is almost certainly related to the laterite deposits in that area.

Seven soil types were logged in the orientation soil sampling program, and summary statistics are given in Table 5. Nickel content determined by aqua regia digest with AAS finish ("AR-Ni") ranges from 3 ppm to 5792 ppm, partial leach Ni content ("PL-Ni") from 0.12 to 770 ppm. There is a broadly positive correlation between AR-Ni and PL-Ni (Figure 11). Silty alluvial and granitic soils have no significant AR-Ni content and PL-Ni content is an order of lower than other soil types. Humic soil with ultramafic chips and lateritic soil and gravel have the highest AR-Ni content, averaging 2900 and 2600 ppm respectively. PL-Ni content of all materials is considerably reduced compared with total-Ni, and the lateritic soil mobile-Ni average is in line with that for humic soils and clay soil with ultramafic chips. Results for the 8 trial areas are shown in Figures 12, 13 and 14 (note the partial leach bar charts represent percentages of the 95th percentile value and all values over the 95th percentile are cut to 100%), and summarised as follows:

Serpentine Ridge south traverse: a 1.8 km long traverse running northeast across the entire width of the WRUC between Kershaw and Osmiridium creeks. Humic soils dominate with lesser lateritic soil and gravel and minor clay on ultramafic soil. Almost all of the traverse returned between 2000 and 4000 ppm with scattered zones up to 50 m across returning >5000 ppm peaking at 5792 ppm. Humic soils have similar total-Ni content to the lateritic soil and gravel, and the humic soils probably contain fine Ni-bearing goethite. Mobile-Ni is strongest in the centre of the large low-magnetic zone in the head of Kershaw Creek (immediately west of crest of Serpentine Ridge), with weaker anomalies across the magnetic eastern and western margins of the WRUC. Mobile-Se is strongest around the western end, but not coincident with mobile-Ni anomalism. Mobile-As and Cu are elevated at the northeastern end and perhaps related to the adjacent sulphide mineralisation at Merton Hill. The closest reported rock chip sample to the South Serpentine soil traverse is from Riley Knob, 800 m to the south-southeast, a dunite from the LDH with 2521 ppm Ni (Brown 1986).

Serpentine Ridge north traverse: a 2 km long northeast trending traverse (broken into two slightly offset lines) running northeast across the entire width of the WRUC between McArthur and Ahearne creeks. Soils are dominantly dark brown humic type with ultramafic chips over the centre of serpentine ridge, flanked by sandy alluvial soil and black humic soils. Total-Ni ranges from 3 to 5621 ppm, with ca. 1.4 km along the central part of the traverse averaging ca. 3000 ppm in the dark brown humic soils with ultramafic chips. Total-Ni for both Serpentine Ridge traverses agrees well with typical Ni content of LDH series dunite and harzburgite. Mobile-Ni is weakly anomalous on both western and eastern flanks of WRUC. Mobile-As, Cu, Se and Pd are strongly anomalous in clay soils over and west of the margin of the WRUC here. Several serpentinite rock chips were collected by Adamus between 400 and 800 m of the North Serpentine Ridge soil traverse and returned up to 3349 ppm Ni.

Websterite Hill traverse: 1 km long east-trending traverse, dominated by lateritic and dark brown humic soils flanked by clay soils to east. Total-Ni content of the lateritic and humic soils is relatively uniform in the range 1000-2000 ppm, with one spike at 4861 ppm. The clay soils have distinctly lower total-Ni, typically around 100 ppm. Mobile-Ni, Cu, As and Se do not appear anomalous. The total-Ni and mobile-Ni content of this traverse would agree more with LPD series basement: LPD was initially mapped in the area, then restricted to a smaller area immediately under Websterite Hill just to the south of this traverse (see Brown 1986).

Metadunite samples ca. 200 west-southwest of the Websterite Hill traverse assayed up to 3090 ppm Ni, while samples of amphibolitised pyroxenite and gabbro >500 m north and south of the traverse have <500 ppm Ni.

Keenan traverse: 1 km long east to northeast trending traverse covering LPD series in the centre, LDH rocks at both ends. Dominated by dark brown humic soils grading into clay soils at eastern end, minor lateritic soil. Total-Ni content of the western 300 m of the traverse averages ca. 3000 ppm Ni, then abruptly drops to <1000 ppm for the eastern remainder: a change from dunite-rich ultramafic at the western end of the traverse to pyroxenite-dominated ultramafic in the east is probably responsible. Serpentinite and dunite rock chips from the western end assay up to 2499 ppm Ni, while pyroxenites north and south of the soil line assay less than 700 ppm Ni. The change from high to low Ni coincides with a narrow north-trending magnetic ridge. No mobile-Ni, Co, Se or Au anomaly, weak mobile-As anomaly in humic soils and clay on the ridge crest, mobile-Cu anomaly at the east end in clay soils.

Harman south traverse: A 400 m long east-northeast trending traverse across the western margin of the WRUC. Most of the traverse is covered with swampy glacial gravels, and some of the soils at the western end comprise silty alluvial material. Total-Ni is very low (max 47 ppm) despite the presence of logged ultramafic fragments. Mobile-Ni is also very low. Mobile-As and Cu levels are moderately anomalous. Brown (1986) reported two gabbro samples 200 and 500 m either side of this traverse which assayed only 88 and 201 ppm Ni, and a dunite beyond the eastern end of the traverse with a typical Ni content (2440 ppm): it is unclear whether the very low Ni response is reflects the glacial cover or presence of gabbroic basement.

Harman central traverse: A 300 m long traverse covering a small magnetic ridge on the northwestern margin of the WRUC and 100 m of the adjacent Meredith Granite. Dominated by humic soils with ultramafic fragments on the WRUC, clay and sand soils with granite fragments over the granite. Total-Ni content averages ca. 3000 ppm over ultramafic basement (presumably LDH dunite) then drops to <500 ppm over granite. Mobile-Ni, Au, Co and As are coincidently anomalous, Se weakly so. Rock chips collected between 300 and 700 m north and east of the traverse are most likely all serpenitinised dunites and assayed between 1705 and 2660 ppm Ni.

Harman north traverse: A 330 m long northwest trending traverse crossing the northern contact between WRUC and Meredith Granite, with a small magnetic high slightly on the granite side of

the contact. One of the most encouraging traverses, includes a 60 m wide zone of non-lateritic humic soil with ultramafic chips returned three samples with 5041 to 5666 ppm total-Ni. Mobile-Ni, As and Au are anomalous for the same zone, and Co and Se erratically anomalous. Modest magnetic high is located approximately 150 m north of peak Ni anomaly. There are no rock chip samples relevant to this traverse.

Little Wilson traverse: A 450 m long traverse crossing the northern contact between WRUC and Meredith Granite. Crosses two broad magnetic ridges adjacent to ultramafic-granite contact, and field observations suggest exposed ultramafic on north side of Little Wilson River represents thin erosional remnants over granite. Traverse is dominated by humic soils. Maximum total-Ni of 2569 ppm is not higher than typical for underlying LDH dunite. There is a narrow (20-40 m) mobile-Ni, Au, Se, Cd anomaly at southwestern end over a broad magnetic ridge. Dunite and serpentinite samples ca. 300 m west of this traverse returned typical Ni levels (2100 to 2418 ppm) while pyroxenite and gabbro samples ca. 500 m southwest assayed <800 ppm Ni.

The soil sampling results remain in many cases ambiguous, and follow-up rock chipping program is recommended for the target zones shown in Figure 15. Petrographic work is also recommended to identify the nickel-bearing phases and follow-up the Callina report of native Ni and Ni-Fe alloy in serpentinite from southern Serpentine Ridge.

5.5 Chromium: Stream sediment chromium content is closely associated with the ultramafic bodies, returning up to 46% Cr in panned concentrates. Cr level in panned concentrates usually drops below 25% Cr immediately beyond the edges of the two ultramafic belts, with the notable exception of the Chromite Creek area which must have a secondary glacial gravel source (Figure 16). Unusually low chromium levels are evident in the Berkery Creek area draining the central west part of Serpentine Ridge, lower Harman River and Little Wilson River areas. Chromium levels are also slightly depressed downstream of the Callina lateritic chromite deposits straddling Riley Creek. Sample descriptions suggest dilution of ultramafic detritus with granite, metasediments, and/or lateritic materials in these catchments. There is no obvious correlation between stream sediment Cr and different units within the ultramafic complexes (i.e. the LPD and LHD). The Chromite Creek anomaly, and very high Cr levels adjacent to alluvial and glacial

gravel areas in the upper Harman River, indicates that chromite-bearing gravels are an important source of chromium to the present stream sediments.

Chromium content of dunite samples from the LDH averages around 1950 ppm, and pyroxenite from both LDH and LPD around 4530 ppm Cr (Brown 1986). Brown (1986) recognised that chromite is more abundant in dunite of both series compared with associated pyroxenite, presumably because chromium enters the pyroxene lattice more readily than olivine under the same crystallisation conditions.

Listed explorer Callina NL ("Callina") held the Serpentine Ridge area for several years from 1985 identifying several small detrital chromite resources (collectively 1.7 Mt at ca. 1.9% chromite) at the southern end of the ridge straddling Riley Creek and at the head of Gold Creek (Figure 16). Small amounts of gold and PGEs also occur in the lateritic materials flanking Riley Creek. The Callina resource was based on several restricted areas of lateritic gravel, lateritic hardcap and clays collectively referred to as the Callina Laterites (5.5.1 below). Mapping and sampling by Adamus indicates at least two more lateritic gravel and clay areas to the north of the Wilson River, termed the Websterite Hill Laterites (5.5.2 below), which could incrementally increase chromite resources. Patches of lateritic soil and gravel scattered along Serpentine Ridge are too small or thin to have any resource potential.

Historical mining and exploration activities suggest that the some of the extensive Holocene alluvium and Pleistocene fluvioglacial gravels could contain a significant amount of chromite. Chromite potential of the Pleistocene and Holocene terraces, and Callina Laterites are summarised below:

5.5.1 Callina Laterites: Callina identified three lateritic gravel deposits simply named Areas A, C and D (ca. 35, 55 and 20 hectares respectively) between Three Mile, Riley and Trinder creeks and at the head of Gold Creek at the south end of Riley Creek (Figures 18-21). Area B (20-30 ha) is an unconsolidated red brown lateritic soil/colluvium deposit up to 3 m thick in the head of Riley Creek with pockets of lateritic gravel and ultramafic fragments; old prospecting pits are common in Area B which is probably richer in platinoids than Areas A, C & D.

Approx. 141 auger holes and 61 excavator samples (of approx $2m^3$) were completed mainly within Areas A and C (Figure 21). A few bulk samples were also collected from Lippy

Jane Creek, Area B and the Fowler Creek glacial terrace. This work indicated a profile of ferruginous lateritic gravel and hardcap overlying yellow-brown chromite-bearing clay grading into a thin zone of greenish clay with weathered ultramafic, then serpentinized dunite and harzburgite of the Wilson River Ultramafic Complex. The lateritic gravels locally extend down-slope to the southwest over the adjacent Crimson Creek Formation where the clay zone does not appear to be developed. The lateritic gravel and hardcap reaches up to 2.5 m thick, the underlying clay zone up to 14 m thick but more typically around 4 m thick: average thickness of the whole profile is typically ca. 6 m thick.

Drill spacing over Area A averages ca. 100 x 50 m, and Area C ca. 100 x 100 m, and drilling was conducted on a local grid rotated approximately 45º from AMG north. All holes were vertical and maximum depth 17 m. The bulk samples were gravity separated on site by wet jig, auger samples partially de-slimed on site. Final chromite separations, assays, petrography and microprobe analyses were conducted at various laboratories in Perth, WA.

Over 800 microprobe analyses indicate the chromite has very high chromium content, averaging around 70% Cr_2O_3. Averages for other elements (based on 285 analyses) are: 3.92% Al_2O_3, 17.48% FeO, 6.93% MgO and <0.01% MnO, V_2O_3 and SiO_2. This work on detrital chromites agrees well with 21 microprobe analyses of chromites from LDH rocks of the WRUC which range from 63 to 71% Cr_2O_3. (see Table 18 of Brown, 1986). Chrome spinels from the less extensive LPD series are compositionally distinct and range from 36 to 50 % Cr_2O_3 (Brown 1986) – there is no evidence that this population is present within the Callina laterites. Microprobe analyses by Dr Jiri Just also indicate a significant amount of chromium occurs within various limonite species in the lateritic materials and that the bulk Cr_2O_3 content may not closely reflect amount of recoverable chromite. For this reason Callina's final resource estimate was down-graded significantly from a initial resource potential of around 1 Mt contained chromite for all areas (including a calculated 200 kt chromite for Area A) to a final 1.7 Mt at ca. 1.9% chromite (ca. 32 kt contained chromite) for Areas A and C combined. Callina did not assign any economic value to the gold and PGE content. Chromite content for the original resource was back-calculated from estimated Cr_2O_3 content and, given the subsequent discovery of significant chromium in the various Fe-oxides, seriously flawed. The final resource for was Areas A and D was more

correctly based on estimated (by microprobe) chromite content in drill hole concentrates, but data support and estimation method is obscure and recalculation is recommended.

5.5.2 Websterite Hill Laterites: Adamus field work in 2005 identified two areas of approx. 10 ha each of magnetic lateritic gravel overlying >2 m of orange clays. Combined area is very approximately 20 ha. Assuming average chromite-bearing laterite and clay depth of 4 m and similar chromite content to the Serpentine Ridge Laterites then resource potential 200 kt at ca. 1.9% chromite. No doubt the same issue regarding recoverable chromium content encountered with the Callina Laterites would apply. Additional 25 ha grey brown magnetite-rich clay and lateritic material may be chromite bearing and should be sampled.

5.5.3 Riley West Terrace: A single terrace of glacial gravels immediately south of the Serpentine Ridge Laterites covering approx. 290 ha on the western side of Riley Knob (Figures 16, 22 and 23). Panned stream sediment samples from active creeks crossing the terrace returned 20 to 33% Cr (= 30 to 48% Cr_2O_3), up to 5.8 ppm Au and 8 ppb Pt. Callina referred to this area as the "button-grass plain" and drilled 5 auger holes and excavated 3 bulk samples from the northwestern part of the terrace. The three westernmost drill holes failed to penetrate further than 1 m. The two holes labelled RLA142 (Callina local grid 10050E 8450N) and RLA143 (Callina local grid 9950E 8350N) in this report near the centre of the terrace penetrated 8 and 7 m respectively of chromite-bearing clay-rich glacial gravels. Both were still in gravels at the end of hole. Concentrates from the three Callina bulk sample pits (23, 24 and 25) were petrographically examined by R. Townend and found to comprise mainly chromite and pyrite, with minor to trace amounts of leucoxene, goethite, ilmenite, marcasite, limonite, arsenopyrite, sphalerite, chalcopyrite, pyrrhotite, galena, cassiterite, martite and bismuth. The chromite is largely fresh and liberated (cf the lateritic deposits), but it is not possible to estimate proportion of chromite in the total sample from the Callina reports. For this reason three 20 kg samples (SRBS001-003) were excavated by hand (maximum depth 1m) from the Riley West Terrace by Adamus in 2005 (Appendix H).

5.5.4 Riley North Terraces: A large area (approx 550 ha) of terraces extending from the eastern flank of Riley Knob to south of Merton Hill. Panned stream sediments and one panned glacial gravel sample returned up to 33% Cr and 4.9 ppm Au. Sweeney, Barnes,

Bealey, and King creeks draining the high glacial gravels on the northeast flank of Riley Knob were also worked for alluvial gold and osmiridium. Callina did not work on these terraces. Five bulk 10-30 kg samples (SRBS007-011) were collected from various locations within the Riley North Terraces by Adamus in 2005 (Appendix H).

5.5.5 Chromite Creek: As the name suggests panned stream sediment samples from Chromite Creek have returned up to 35% Cr and 4.8 ppm Au, and the area was also historically worked for alluvial osmiridium and gold. There are no ultramafics in the catchment and the chromite, PGEs, and gold are apparently sourced from poorly mapped glacial gravels at the head of the creek (see also comments regarding Huskisson Terraces below and Reid 1921).

5.5.6 Wilson Terraces: 400 ha of recent and glacial gravels adjacent to the Harman and Wilson rivers. Panned stream sediment samples returned up to 40% Cr, with the most elevated levels occurring in the vicinity of mapped terraces suggesting the gravels may be chromite-bearing. There are a few old alluvial osmiridium workings in the area. Reid (1921) notes the presence of chromite, gold, osmiridium and tinstone in the extensive river gravels above the confluence of the Harman and Wilson rivers, and argentine gold and osmiridium in gravels of Limestone Creek.

5.5.7 Huskisson Terraces: 1,400 ha of recent and glacial gravels are shown on 1:25,000 government geology maps straddling the Huskisson River on the west side of the Huskisson River Ultramafic Complex (HRUC). High levels of chromium (up to 33% Cr) were obtained from panned stream sediment samples draining the HRUC, but there is no data for the adjacent terraces. The historic Chester Osmiridium workings are located on some high gravel terraces 1.5 km west of the HRUC and suggests at least some of the Huskisson Valley gravels will be chromite bearing. Reid (1921) reports three gravel terraces in the Huskisson valley and notes that the middle (second) appears to be rich in osmiridium.

Mineral dressing and assay results of the 9 bulk (10-30 kg) samples from the Riley West, Riley North and Callina Laterite areas are summarised in Table 6. Holocene alluvial terraces appear the most prospective, returning up to 3% +0.3mm chromite and calculated total chromite up to

4.5%. Chromite is easily the dominant heavy mineral in the best sample, SRBS008 from Riley North, with only minor amounts of orthopyroxene and traces of Fe-oxide, hence the calculated chromite content is probably a reasonable estimate of total chromite. SRBS008 also included trace gold and cassiterite.

Estimated +0.3 mm chromite content of ?Holocene alluvium from the Riley West Terrace (SRBS002) and orange clay from the Callina Laterite deposits (SRBS004) is conspicuously less than the total calculated from the bulk (head) chromium assay. Fe-oxide is a major constituent of these samples and a combination of chromian limonite, Fe-oxide coated chromite and/or fine (-0.3mm) chromite is probably responsible for this discrepancy. The abundance of Fe-oxide and lateritic detritus in the Riley West ?Holocene alluvium (samples SRBS001 and SRBS002) indicate some local derivation from the adjacent Callina Laterites.

The sampled Pleistocene fluvioglacial gravels do contain chromite but are not prospective with <1% both +0.3% chromite and calculated total chromite.

6 Conclusions

Exploration of the Wilson and Huskisson rivers area by Adamus Resources Ltd over the last two years has included stream sediment, rock chip and soil sampling for chromite, PGE, nickel and gold mineralisation, and a detailed heliborne magnetics survey (919 line km on 50 m flight line spacings over the WRUC).

Gold: Most of the stream sediment gold within EL18/2002 is being reworked from glacial gravels (as also concluded by several previous explorers) and only two low-priority targets for primary gold mineralisation, Keenan Creek – eastern Websterite Hill and southern Serpentine Ridge, are recommended for follow-up stream sediment and rock chip sampling (Figure 7). The partial leach soil assays also show consistent gold anomalism along the contact with the Meredith Granite; re-assay of the soil sample residues using an aqua regia digest is recommended to determine the magnitude of this anomalism.

PGMs: The Serpentine Ridge and the Little Wilson River areas as shown in Figure 8 are recommended for follow-up stream sediment and rock chip sampling. Previous work indicates

the presence of thin lenses (<1-3m long and few millimetres thick) of PGM-bearing chromitite in the Serpentine Ridge area: the exploration target is an area with abundant PGM-chromitite lenses which could be bulk mined, or a PGM-chromitite lens of >200 m strike length. Historic records mention shallow pitting for fault-hosted osmiridium within the WRUC.

Nickel: The WRUC is intruded by the Devonian Meredith Granite and is prospective for Avebury-type Ni-sulphide and magnetite skarn mineralisation. Interpretation of the detailed magnetic data suggests that the Meredith Granite is at a shallow depth (possibly <100-200 m) beneath the northern WRUC, and there may be a non-magnetic Meredith-type granite beneath the central part of Serpentine Ridge. The faulted western and eastern margins of WRUC are distinctly magnetised. Magnetite skarns are known in the adjacent Gordon Limestone and Amber Shale in the area (e.g. Merton Hill, Little Wilson, Mt Lindsay), and some of the magnetic highs within the WRUC may also be magnetite and/or pyrrhotite-bearing skarns. Serpentinised dunite samples from the WRUC assay up to 0.33% Ni and there is evidence for Ni mobilisation: Analytical work by Brown (1986) suggests nickel is not entirely contained within silicate phases of the WRUC, and an altered sample of Gordon Limestone adjacent to the Meredith Granite assayed 860 ppm Ni. Callina identified awruite (Ni-Fe alloy) and native nickel metal in a serpentinised ?dunite from Serpentine Ridge. Stream sampling returned up 1% and soil samples up to 0.57%, although prospecting of the WRUC for an Avebury-type Ni-sulphide deposit is complicated by the local occurrence of nickeliferous laterite and widespread presence of goethitic soil. Several magnetic and/or soil geochemical Ni-sulphide targets are selected (Figure 15) and a rock chip sampling program over these is recommended to dismiss lateritic Ni occurrences before drilling is considered. The rock chips should be assayed for Ni, Co, As, Au and PGMs and samples above 3000 ppm Ni petrographically examined to identify nickeliferous phases. If core from Merton Hill drill holes DDH-MH1 to 7 is still available then re-assay of selected intervals for Ni and Co is also recommended.

Chromite: Previously defined chromite resources (1.7 Mt at 1.8-2% chromite; Callina NL) are too small for exploitation, but it is recognised that large areas of chromite (+PGM+Au) -bearing glacial and alluvial gravels could provide the necessary boost to resources. Reconnaissance sampling of gravel terraces in the Riley Knob area indicate a chromite content of up to 4.5% and the Holocene alluvial terraces are more prospective than the Pleistocene fluvioglacial gravels.

Delineation and sampling of Holocene gravel terraces in the Chromite Creek, Huskisson River, Harman River and Wilson River areas within EL18/2002 is recommended.

Tin and tungsten stream sediment anomalism is noted adjacent to the WRUC-Meredith Granite contact: The Wilson River region has been subject to extensive tin exploration in the 1960-1990 period and a review of this work is recommended before further investigation of this area for Sn or W.

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Table 1: Summary rock chip results

Sample	Description	Au ppm	Pt ppm	Pd ppm	Cr ppm	Ni ppm	Cu ppm	Zn ppm	As ppm	Fe %
SRG001	Gn serpentinised UM, dk metallic grey veins and coatings outcrop	0.001	0.002	-0.001	3009	3128	-20	NA	NA	NA
SRG002	Gn serpentinised UM, dk metallic grey veins and coatings from outcrop	-0.001	0.005	-0.001	2604	2474	-20	NA	NA	NA
SRG003	UM tremolite schist float	-0.001	0.001	-0.001	4234	751	-20	NA	NA	NA
SRG004	Chromite-rich sandstone & conglomerate	-0.001	0.008	0.002	119139	408	-20	NA	NA	NA
SRG005	Float - fg lt gy quartzite in creek with VQ stringers	-0.001	0.001	-0.001	426	42	-20	NA	NA	NA
SRG006	dk GN serpentinised UM, dk metalic grey veins and coatings from outcrop	-0.001	0.006	0.001	3259	2641	-20	NA	NA	NA
SRG007	dk GN serpentinised UM, dk metalic grey veins and coatings from outcrop	-0.001	0.004	-0.001	3224	3295	-20	NA	NA	NA
SRG008	Boulder float from small ck cemented ferugenized laterite	0.001	0.004	-0.001	43396	2713	-20	NA	NA	NA
SRG009	dk GN serpentinised UM, dk metalic grey veins and coatings from outcrop	-0.001	0.001	-0.001	2326	3349	-20	NA	NA	NA
SRG010	UM sample adjacent to 10 cm gypsum vein, abundant chromite up to 6mm	-0.001	1	-0.001	6045	2599	-1	38	23	7.7
SRG011	Fe-hardcap, overlying red clay	-0.001	2	-0.001	7524	1133	5	201	46	46.51
SRG012	blocky vein containing large proportion of iron in UM, near granite contact	-0.001	-0.001	2	810	754	-1	73	39	6.02
SRG013	grey nodules in UM	-0.001	-0.001	-0.001	896	1705	6	136	50	5.51
SRG014	fresh dark green UM containing unidentified silvery grains, sample collected near to granite vein	-0.001	-0.001	-0.001	1091	2418	-1	39	18	5.59
SRG015	rock chip near granite contact, greenish veins, abundant chromite	-0.001	-0.001	-0.001	1232	2260	-1	43	177	4.84
SRG016	weathered UM float containing large chromite grains >5mm next to site SRSS190	-0.001	-0.001	-0.001	1419	2956	-1	73	33	5.3
SRG017	sample taken around dark band in marble base	-0.001	-0.001	-0.001	444	860	-1	41	38	2.39
SRG018	fresh UM from road cut, abundant chromite	-0.001	-0.001	-0.001	4460	2334	-1	37	17	7.74
SRG019	marble with small grey sulphides	-0.001	-0.001	-0.001	21	-1	-1	17	36	0.54
SRG020	green weathered, UM, small chromite lenses. sandy sample	-0.001	-0.001	-0.001	5617	2499	-1	48	21	4.95
WR003	weakly magnetic cemented black lateritic gravel	0.01	NA	NA	22983	623	5	157	17	56.99
WR006	Cemented lateritic gravel with wt qz clasts	0.02	NA	NA	28847	344	7	174	16	48.54
WR012	chromite-rich sands from active stream bed	0.01	NA	NA	120603	132	8	405	-5	7.81
WR018	thin wt chloritic VQs in volcarenite	0.05	NA	NA	1476	2873	-1	16	-5	4.34
WR034	bright green serpentinite from ?shear zone at SW margin of WRUC	-0.01	NA	NA	339	58	14	57	-5	2.97
WR041	thin beds of chromite-rich pebbly sandstone within thin bedded siltstone & shale sequence	-0.01	NA	NA	54458	530	30	555	-5	6.53

Table 2: Maximum stream sediment assays

Max Au ppm	Max Pt ppb	Max Pd ppb	Max Ag ppm	Max As ppm	Max Co ppm	Max Cr %	Max Cu ppm	Max Mn ppm	Max Mo ppm	Max Ni %	Max S %	Max Sn ppm	Max W ppm	Max Zn ppm
5.84	595	10	0.2	78	516	45.81	86	2844	18.7	1.05	1.14	501.3	737.5	3000

Table 3: Stream Sediment Assay Correlation Coefficients

	Au ppb	*Pt ppb*	*Pd ppb*	*Cr ppm*	*Cu ppm*	*Ni ppm*	*S%*
Au ppb	1						
Pt ppb	0.059	1					
Pd ppb	0.113	0.102	1				
Cr ppm	0.016	0.092	0.240	1			
Cu ppm	0.047	0.027	0.053	-0.411	1		
Ni ppm	-0.160	0.069	0.276	0.258	-0.193	1	
S%	-0.054	-0.008	0.099	0.074	0.154	0.026	1

Table 4: Summary results for screen fire Au and PGE for six stream sediment samples from the WRUC area. The average ratio from 4 stream sediment samples is Os:Ir:Ru:Pt:Rh:Pd of 48:38:10:2.9:0.5:0.2.

Element	**SRSS017**	**SRSS054**	**SRSS056**	**SRSS097**	**SRSS101**	**SRSS102**
Au g/t	0.000	3.819	0.038	0.008	0.000	0.000
Ir g/t	4.040	2.795	2.363	0.550		
Os g/t	5.598	2.903	3.923	0.542		
Pd g/t	0.006	0.008	0.006	0.007	0.002	0.001
Pt g/t	0.195	0.156	0.227	0.059	0.002	0.020
Rh g/t	0.032	0.032	0.043	0.009		
Ru g/t	0.787	0.677	0.819	0.175		
Total PGE g/t	10.659	6.572	7.380	1.342		
Ir:Total PGE	38%	43%	32%	41%		
Os:Total PGE	53%	44%	53%	40%		
Pd:Total PGE	0.1%	0.1%	0.1%	0.5%		
Pt:Total PGE	1.8%	2.4%	3.1%	4.4%		
Rh:Total PGE	0.3%	0.5%	0.6%	0.7%		
Ru:Total PGE	7%	10%	11%	13%		
Total Sample Weight g	445	374	846	641	408	403
%pptn Au >100um	100%	80%	46%	6%	100%	100%
%pptn Ir >100um	51%	32%	39%	75%		
%pptn Os >100um	35%	33%	29%	80%		
%pptn Pd >100um	4%	3%	2%	3%	4%	5%
%pptn Pt >100um	37%	33%	36%	30%	2%	40%
%pptn Rh >100um	33%	32%	50%	43%		
%pptn Ru >100um	39%	31%	60%	66%		

Table 5: Summary soil sampling statistics by soil type

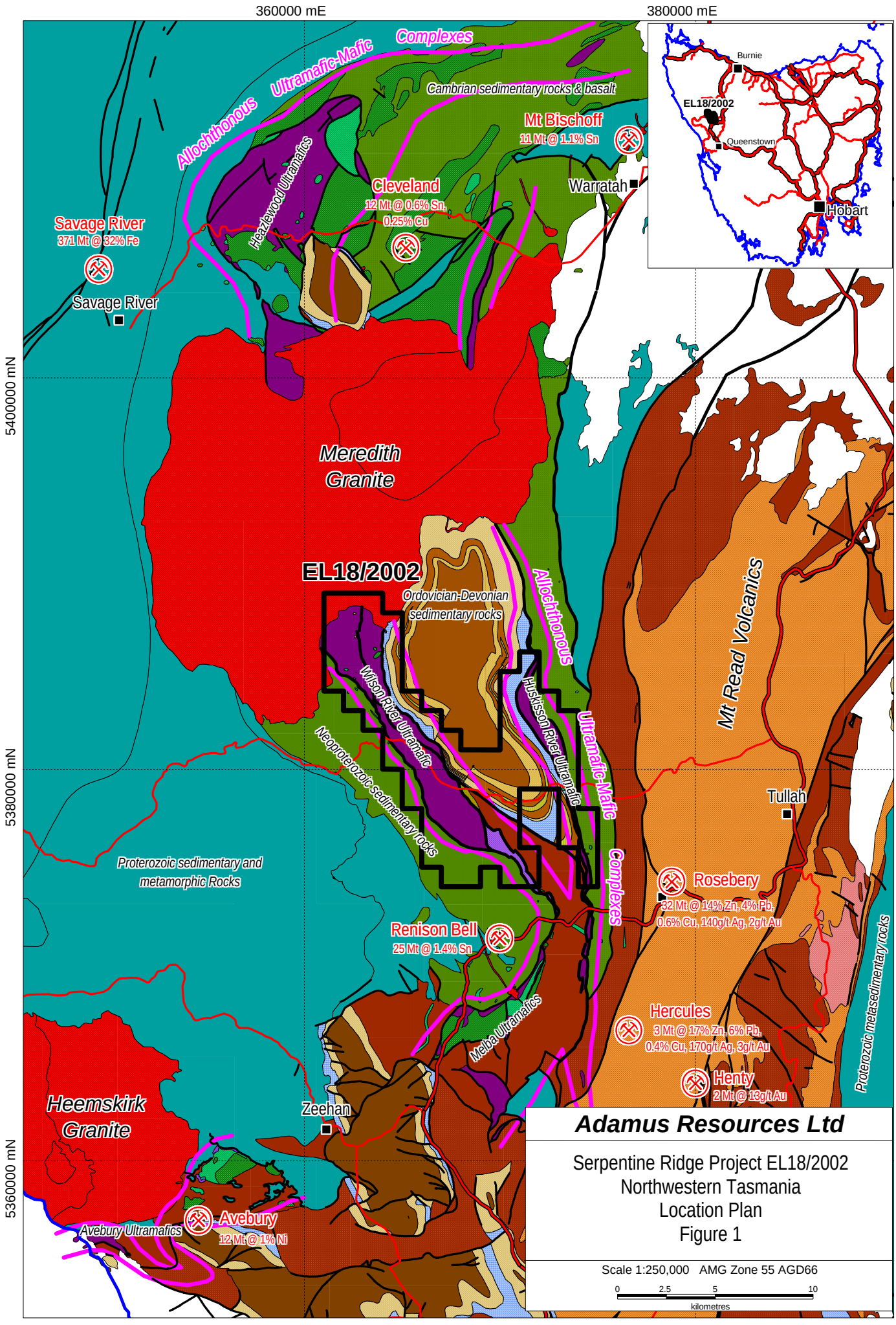
Humic soils					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	131.26	6925.77	0.94	119.04	1498.31
Standard Error	14.82	1080.37	0.11	20.86	228.47
Median	83.00	4250.00	0.62	49.15	442.00
Mode	68.00	39.00	0.54	0.32	20.00
Standard Deviation	116.69	8506.85	0.84	164.27	1799.00
Sample Variance	13615.57	72366472.60	0.70	26985.56	3236401.13
Skewness	1.65	1.81	2.33	1.64	0.84
Range	543.00	37787.00	3.97	653.65	5448.00
Minimum	4.00	15.00	0.20	0.12	3.00
Maximum	547.00	37802.00	4.17	653.77	5451.00
Count	62.00	62.00	62.00	62.00	62.00
Humic soil with UM chips					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	131.48	7549.01	0.84	196.89	2888.62
Standard Error	14.83	412.98	0.06	8.19	126.69
Median	71.00	6849.00	0.71	202.66	3122.00
Mode	50.00	1557.00	0.75	#N/A	3493.00
Standard Deviation	170.99	4762.70	0.73	94.48	1461.11
Sample Variance	29236.36	22683280.25	0.54	8927.04	2134851.10
Skewness	4.16	2.24	3.82	-0.09	-0.26
Range	1319.00	34748.00	5.12	459.51	5672.00
Minimum	14.00	671.00	0.11	1.41	29.00
Maximum	1333.00	35419.00	5.23	460.92	5701.00
Count	133.00	133.00	133.00	133.00	133.00
Clay					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	260.05	3663.57	2.27	41.02	365.10
Standard Error	56.84	879.79	0.50	19.10	144.02
Median	93.50	999.00	0.83	3.64	73.50
Mode	63.00	#N/A	0.28	#N/A	38.00
Standard Deviation	368.33	5701.66	3.22	123.76	933.34
Sample Variance	135669.51	32508916.35	10.36	15317.56	871119.45
Skewness	2.56	2.47	1.93	5.30	4.05
Range	1597.00	27776.00	12.04	769.76	4657.00
Minimum	28.00	39.00	0.26	0.15	8.00
Maximum	1625.00	27815.00	12.30	769.91	4665.00
Count	42.00	42.00	42.00	42.00	42.00
Clay with weathered ultramafic					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	89.10	4881.90	2.68	138.09	1164.20
Standard Error	25.83	1862.71	1.27	69.27	498.45
Median	55.50	3346.50	0.55	29.72	324.50
Mode	#N/A	#N/A	#N/A	#N/A	#N/A
Standard Deviation	81.69	5890.41	4.02	219.04	1576.24
Sample Variance	6673.88	34696919.88	16.12	47979.40	2484532.18
Skewness	1.88	1.71	1.85	1.82	1.39
Range	263.00	18011.00	12.03	649.63	4116.00

Minimum	18.00	233.00	0.14	0.75	47.00
Maximum	281.00	18244.00	12.17	650.38	4163.00
Count	10.00	10.00	10.00	10.00	10.00
Lateritic soil and gravel					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	84.43	8296.67	0.55	123.83	2589.49
Standard Error	10.93	1027.37	0.06	17.21	217.47
Median	58.00	7041.00	0.46	93.81	2569.00
Mode	45.00	65.00	0.39	0.99	3317.00
Standard Deviation	85.37	8024.05	0.46	134.43	1698.51
Sample Variance	7287.98	64385399.66	0.21	18071.32	2884947.82
Skewness	3.34	1.42	2.96	1.44	0.19
Range	463.00	35176.00	2.69	668.20	5677.00
Minimum	27.00	47.00	0.10	0.34	115.00
Maximum	490.00	35223.00	2.79	668.54	5792.00
Count	61.00	61.00	61.00	61.00	61.00
Granitic soil & clay					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	1262.70	2481.10	0.70	31.04	139.60
Standard Error	514.78	1458.71	0.21	16.95	43.90
Median	555.50	582.50	0.45	4.35	93.50
Mode	#N/A	#N/A	#N/A	#N/A	#N/A
Standard Deviation	1627.87	4612.85	0.68	53.60	138.84
Sample Variance	2649948.90	21278386.32	0.46	2873.06	19276.49
Skewness	2.03	2.58	1.66	2.26	1.15
Range	5215.00	14571.00	1.76	167.19	415.00
Minimum	132.00	203.00	0.22	1.49	9.00
Maximum	5347.00	14774.00	1.98	168.68	424.00
Count	10.00	10.00	10.00	10.00	10.00
Silty alluvial soil					
	AsPL_ppb	CoPL_ppb	CuPL_ppm	NiPL_ppm	Ni_TOTAL_ppm
Mean	211.56	233.00	0.88	2.05	14.44
Standard Error	81.95	60.95	0.23	0.65	3.30
Median	145.00	168.00	0.75	1.05	13.00
Mode	#N/A	#N/A	#N/A	#N/A	15.00
Standard Deviation	245.84	182.85	0.69	1.96	9.89
Sample Variance	60439.53	33435.50	0.48	3.85	97.78
Kurtosis	8.00	2.88	1.89	-0.74	5.87
Skewness	2.78	1.65	1.43	0.97	2.26
Range	785.00	583.00	2.12	5.26	33.00
Minimum	69.00	63.00	0.26	0.34	6.00
Maximum	854.00	646.00	2.38	5.60	39.00
Count	9.00	9.00	9.00	9.00	9.00

Notes: xxPL = partial leach method TL1 digest with MS finish; As (LLD 2ppb), Co (LLD 2ppb), Cu (LLD 0.02ppm), Ni (LLD 0.02ppm) by Genalysis, Maddington, WA Ni_TOTAL = Ni by aqua regia digest AAS finish (LLD 1ppm) at Genalysis, Maddington, WA

Table 6: Summary chromite results for terrace gravel and lateritic clay samples (10-30kg). Samples were de-slimed at 0.3 mm and estimated % chromite content for +0.3 mm fraction is based on mineral dressing by Diatech (Appendix H). -0.3 mm slimes were dried and assayed (batch 815.0/0507533 Appendix G), and generally return higher Cr result than the bulk (head) assay indicating most of the chromite is -0.3 mm. Calculated bulk chromite assuming all chromium is in chromite with approx 70% Cr is higher than that estimated by mineral dressing, agreeing with observation that bulk of chromite population is -0.3 mm.

Sample	Description	Head weight (kg)	Est. % chromite +0.3mm	Bulk Cr (%)	Slimes <0.3mm Cr (%)	Calc. bulk chromite (%)
SRBS001	Riley West Terrace – ?Holocene alluvium. Sample collected from 20-60 cm beneath surface at northern edge of terrace. Comprises yellow and grey clay, and ca. 20% red clay lenses. Minor laterite clasts associated with red clay, presumably recently reworked from adjacent laterite deposits.	16.94	0.2	NA	NA	NA
SRBS002	Riley West Terrace – ?Holocene alluvium. Same location as SRBS001. Sample collected from 60-100 cm beneath surface. Grey banded clay and estimated 5% red clay, occasional rock fragments.	13.64	0.1	1.66	3.65	2.37
SRBS003	Riley West Terrace – Pleistocene fluvioglacial. Sample from 15-40 cm beneath surface at northern edge of terrace a few metres from SRBS001. Sandy blue grey clay, some cobbles of mainly quartz up to 15cm (larger cobbles were removed from sample).	19.88	0.02	NA	NA	NA
SRBS004	Callina Laterite Area C, massive orange red clay. Sample from 15-85 cm beneath surface.	22.28	0.3	1.4	2.07	2.00
SRBS005	Callina Laterite Area A, southeastern edge. Massive brown red clay, some charcoal towards bottom of hole. Sample from 20-70 cm beneath surface.	17.84	0.4	NA	NA	NA
SRBS007	Riley North Terraces – Pleistocene fluvioglacial. Sample from 20-80 cm beneath surface in old road cut through fluvioglacial gravels. Massive bright orange sandy clay, minor well rounded quartzite cobbles up to 10 cm dimension.	26.00	<0.01	0.04	0.02	0.06
SRBS008	Riley North Terraces – Holocene alluvium. Sample from 0-50 cm depth. Unconsolidated Holocene alluvial gravel, some subangular clasts including vein quartz, quartzite and ?Owen conglomerate, abundant chromite.	27.56	3.2	3.16	4.79	4.51
SRBS009	Riley North Terraces – Pleistocene fluvioglacial. Sample from 40-100 cm depth beneath peat and button grass. Muddy quartz and quartzite gravels, poorly sorted subangular clasts. Clasts of quartzite, vein quartz and Owen conglomerate.	26.58	0.1	0.23	0.59	0.33
SRBS011	Riley North Terraces – Pleistocene fluvioglacial. Sample from road cutting 500-550 cm beneath surface. Bedded, poorly sorted white sandy clay. Some large clasts of quartzite, Owen Conglomerate, and well rounded quartz clasts mostly <1 cm dimension. Visible chromite.	22.30	0.02	0.08	0.2	0.11


360000 mE
380000 mE
5400000 mN
5380000 mN
5360000 mN
Complexes
Ultramafic-Mafic
Allochthonous
Cambrian sedimentary rocks & basalt
Mt Bischoff
11 Mt @ 1.1% Sn
Warratah
Cleveland
12 Mt @ 0.6% Sn, 0.25% Cu
Heazlewood Ultramafics
Savage River
37.1 Mt @ 32% Fe
Savage River
Meredith Granite
EL18/2002
Ordovician-Devonian sedimentary rocks
Allochthonous
Wilson River Ultramafic
Huskisson River Ultramafic
Ultramafic-Mafic
Complexes
Neoproterozoic sedimentary rocks
Mt Read Volcanics
Tullah
Proterozoic sedimentary and metamorphic Rocks
Rosebery
32 Mt @ 14% Zn, 4% Pb, 0.6% Cu, 140g/t Ag, 2g/t Au
Renison Bell
25 Mt @ 1.4% Sn
Melba Ultramafics
Hercules
3 Mt @ 17% Zn, 6% Pb, 0.4% Cu, 170g/t Ag, 3g/t Au
Henty
2 Mt @ 13g/t Au
Proterozoic metasedimentary rocks
Heemskirk Granite
Zeehan
Avebury
12 Mt @ 1% Ni
Avebury Ultramafics
Burnie
EL18/2002
Queenstown
Hobart
Adamus Resources Ltd
Serpentine Ridge Project EL18/2002
Northwestern Tasmania
Location Plan
Figure 1
Scale 1:250,000 AMG Zone 55 AGD66
0 2.5 5 10
kilometres

EL18/2002

365000 mE
370000 mE
375000 mE
5385000 mN
5380000 mN
5375000 mN
5370000 mN

CROWN LAND
WARATAH 64
EAST
ZEEHAN 33
MONTAGU
WEBSTERITE HILL
PARSONS HOOD
LAKE PIEMAN
SERPENTINE RIDGE
LYNCH HILL
STATE FOREST
TIMBER RESERVE
ZEEHAN - HENTISON BELL STATE RESERVE
HENTISON BELL
Dreadnought Hill
Argent Dam
Renison Bell Hill
Stebbins Hill
Riley Knob
Merton Hill

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Serpentine Ridge Project EL18/2002
Topographic Reference
Figure 2

Scale 1:50,000 AMG Zone 55 AGD66
(reproduction of Tasmap 1:25,000 topographic sheets G3637 & G3638)

0 0.5 1 2
kilometres

365000 mE

370000 mE

375000 mE

5390000 mN

5385000 mN

5380000 mN

5375000 mN

5370000 mN

EL18/2002

Area covered by 2005 heliborne magnetics survey (50m line spacings)

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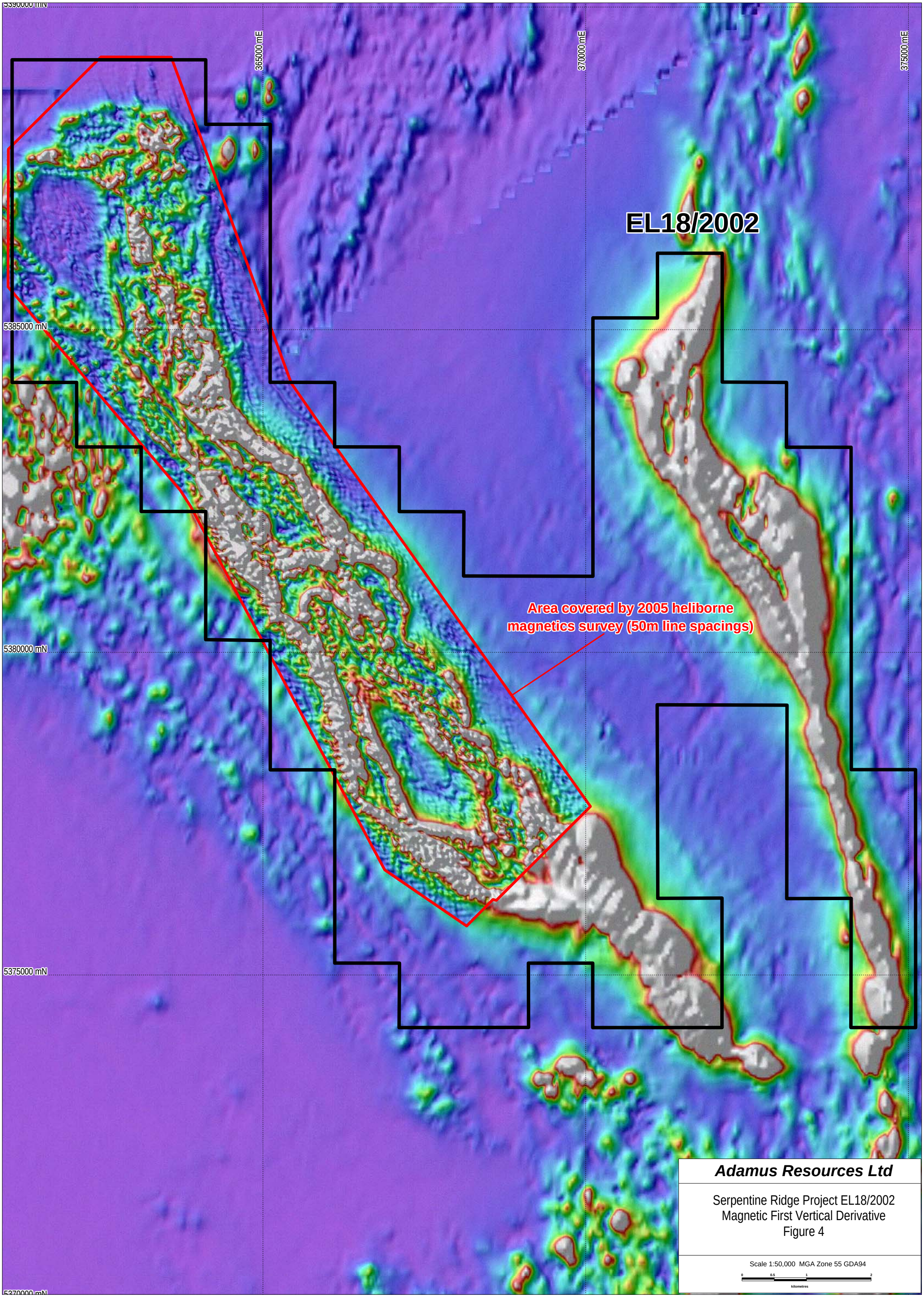
Serpentine Ridge Project EL18/2002
Total Magnetic Intensity (Reduced to Pole)
Figure 3

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2

kilometres


365000 mE
370000 mE
375000 mE
5385000 mN
5380000 mN
5375000 mN
5370000 mN
EL18/2002
Area covered by 2005 heliborne
magnetics survey (50m line spacings)
Adamus Resources Ltd
Serpentine Ridge Project EL18/2002
Magnetic First Vertical Derivative
Figure 4
Scale 1:50,000 MGA Zone 55 GDA94
0
0.5
1
2
kilometres

365000 mE

370000 mE

375000 mE

5385000 mN

5380000 mN

5375000 mN

5370000 mN

EL18/2002

Area covered by 2005 heliborne magnetics survey (50m line spacings)

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
TMI overlaid with 10m topographic contours and drainage
Figure 5

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

365000 mE

375000 mE

EL18/2002

5380000 mN

WRUC eastern boundary fault

Wilson River Ultramafic Complex

Huskisson River Ultramafic Complex

WRUC western boundary fault

Legend

Meredith Granite (373 Ma - Late Devonian)
- I-type biotite granite and monzogranite

interpretted shallow subsurface extension

Cambrian tholeiitic and alkali basalts

Cambrian gabbros

Eocambrian Ultramafic Complexes (variably serpentinised)

layered pyroxenite-dunite sequence (LPD)

layered dunite-harzburgite sequence (LDH)

Eldon Group (Silurian to Devonian)

Bell Shale and correlates
- siltstone and shale

Florence Quartzite and correlates
- shallow marine quartz sandstone

Austral Creek Siltstone and correlates
- siltstone, mudstone, calc-siltstone, local limestone or quartz arenite members

Crotty Quartzite and correlates
- quartz arenite with pebble conglomerate, minor mudstone

Gordon Group (Ordovician)
- limestone, dolomite, marl, minor quartz sandstone

Dundas & Huskisson Groups (Middle-Late Cambrian)
- siltstone, sandstone and lithwacke, polymict felsic volcanogenic conglomerates and crystal-rich arenites. Some conglomerates include serpentinite clasts and detrital chromite.

Cleveland-Waratah Association (Early Cambrian)
- mafic volcarenites, red mudstone, chert and carbonate beds, scattered basalts

Crimson Creek Formation (Neoproterozoic)
- mafic volcarenites, laminated mudstone, carbonate beds, and tholeiitic basalts

Success Creek Group (Neoproterozoic)
- shallow water quartz sandstone and siltstone with carbonate and chert beds

Oonah Formation (Proterozoic)
- dominantly quartzwacke turbidites, lesser siltstones

S0 form line

major fault or shear zone

minor fault or fracture

road

50 m interval topographic contour

water courses and bodies

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Serpentine Ridge Project EL18/2002
Interpretted Pre-Permian Geology
Figure 6

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

365000 mE

370000 mE

375000 mE

5385000 mN

5380000 mN

EL18/2002

Keenan Creek - east Websterite Hill gold in stream sediment anomaly

Southern Serpentine Ridge gold in stream sediment and laterite anomaly

Legend

- Holocene alluvium
- Pleistocene fluvioglacial gravels and lacustrine clays
- lateritic colluvium
- Tertiary orange to grey clay
- Tertiary lateritic gravel and hardcap
- Meredith Granite (373 Ma - Late Devonian) - I-type biotite granite and monzogranite
- Cambrian tholeiitic and alkali basalts
- Cambrian gabbros
- Eocambrian Ultramafic Complexes
  - layered pyroxenite-dunite sequence (LPD)
  - layered dunite-harzburgite sequence (LDH)
- Eldon Group (Silurian to Devonian)
  - Bell Shale and correlates
  - Florence Quartzite and correlates
  - Austral Creek Siltstone and correlates
  - Crotty Quartzite and correlates
- Gordon Group (Ordovician)
- Dundas & Huskisson Groups (Middle-Late Cambrian)
- Cleveland-Waratah Association (Early Cambrian)
- Crimson Creek Formation (Neoproterozoic)
- Success Creek Group (Neoproterozoic)
- Oonah Formation (Proterozoic)

major fault or shear zone

minor fault or fracture

vehicle or foot track

road

50 m interval topographic contour

water courses and bodies

SRstreams_pan by Au_pf_ppb

100	to 1,000,000		(27)
50	to	100	(8)
10	to	50	(27)
5	to	10	(39)
2	to	5	(104)
0.1	to	2	(27)
all others			(6)

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Serpentine Ridge Project EL18/2002
Gold in Stream Sediments
Figure 7

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

365000 mE

375000 mE

Little Wilson River Pt
in stream sediment anomaly

EL18/2002

5385000 mN

5380000 mN

Serpentine Ridge
Pt in stream sediment
anomalous zones

Legend

- Holocene alluvium
- Pleistocene fluvioglacial gravels and lacustrine clays
- lateritic colluvium
- Tertiary orange to grey clay
- Tertiary lateritic gravel and hardcap
- Meredith Granite (373 Ma - Late Devonian) - I-type biotite granite and monzogranite
- Cambrian tholeiitic and alkali basalts
- Cambrian gabbros
- Eocambrian Ultramafic Complexes
  - layered pyroxenite-dunite sequence (LPD)
  - layered dunite-harzburgite sequence (LDH)
- Eldon Group (Silurian to Devonian)
  - Bell Shale and correlates
  - Florence Quartzite and correlates
  - Austral Creek Siltstone and correlates
  - Crotty Quartzite and correlates
- Gordon Group (Ordovician)
- Dundas & Huskisson Groups (Middle-Late Cambrian)
- Cleveland-Waratah Association (Early Cambrian)
- Crimson Creek Formation (Neoproterozoic)
- Success Creek Group (Neoproterozoic)
- Oonah Formation (Proterozoic)

major fault or shear zone
minor fault or fracture

vehicle or foot track
road
50 m interval topographic contour
water courses and bodies

SRstreams_pan by Pt_pf_ppb

100 to	1,000,000	(9)
50 to	100	(8)
10 to	50	(62)
5 to	10	(80)
2 to	5	(64)
-100 to	2	(15)

SRstreams_pan by Au_pf_ppb

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Platinum in Stream Sediments
Figure 8

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

365000 mE

370000 mE

375000 mE

EL18/2002

Harman north soil traverse

Little Wilson soil traverse

Harman central

Keenan soil traverse

Harman south soil traverse

Westerite Hill soil traverse

5385000 mN

Serpentine Ridge north soil traverse

5380000 mN

Serpentine Ridge south soil traverse

5375000 mN

vehicle or foot track

road

50 m interval topographic contour

water courses and bodies

major fault or shear zone

minor fault or fracture

SRstreams_pan by Ni_ppm

5,000 to	100,000	(3)
3,000 to	5,000	(19)
1,000 to	3,000	(81)
500 to	1,000	(38)
100 to	500	(80)
-100 to	100	(17)

plot_SRrocks by Ni_ppm

3,000 to	5,000	(4)
1,000 to	3,000	(26)
500 to	1,000	(20)
200 to	500	(14)
-900 to	200	(44)
all others		(14)

plot_SRsoils by Ni_ppm

5,000 to	100,000	(17)
3,000 to	5,000	(102)
1,000 to	3,000	(74)
500 to	1,000	(20)
200 to	500	(28)
0 to	200	(87)

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Ni in stream sediments, rock chips & soils over TMI
Figure 9

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

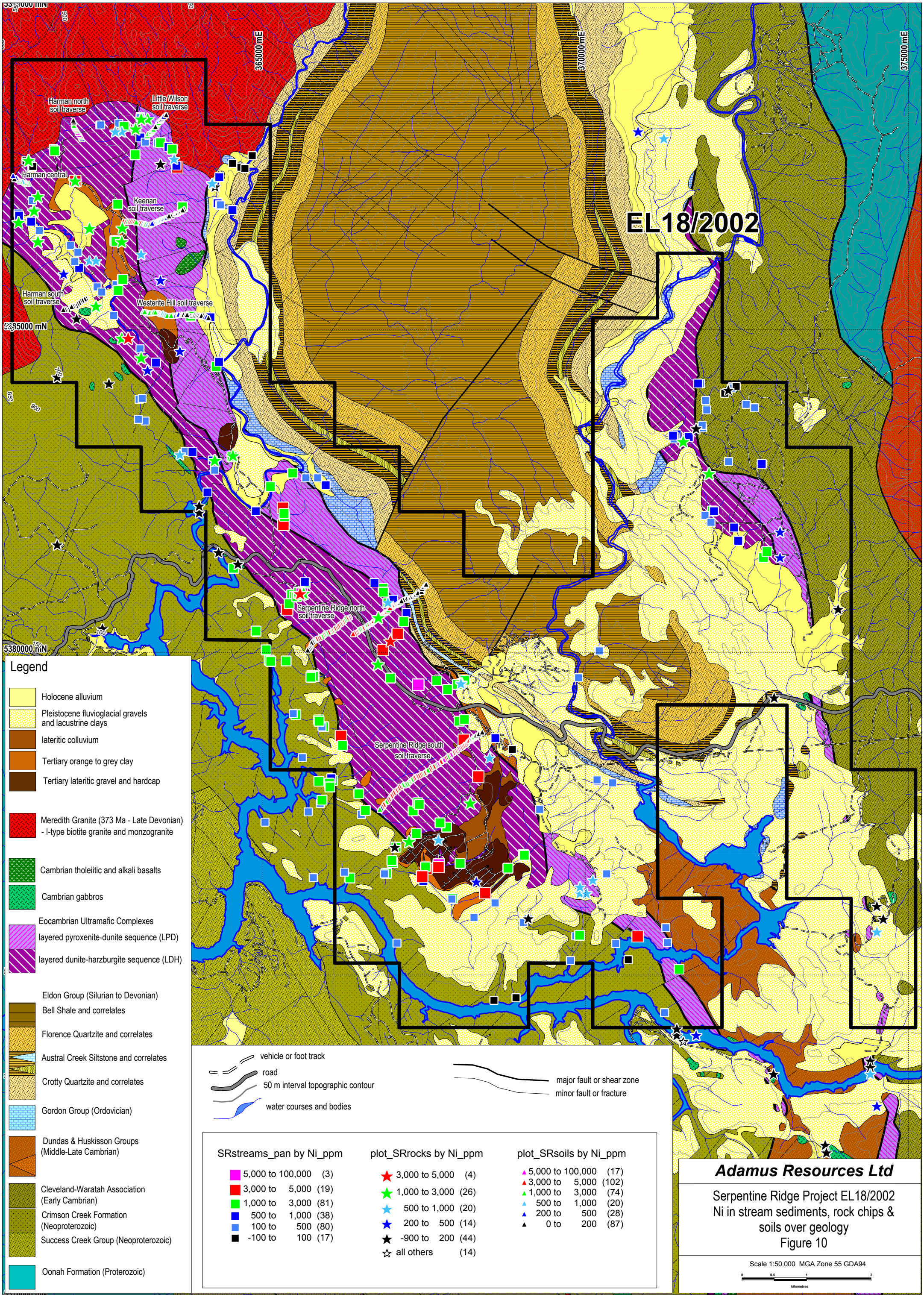
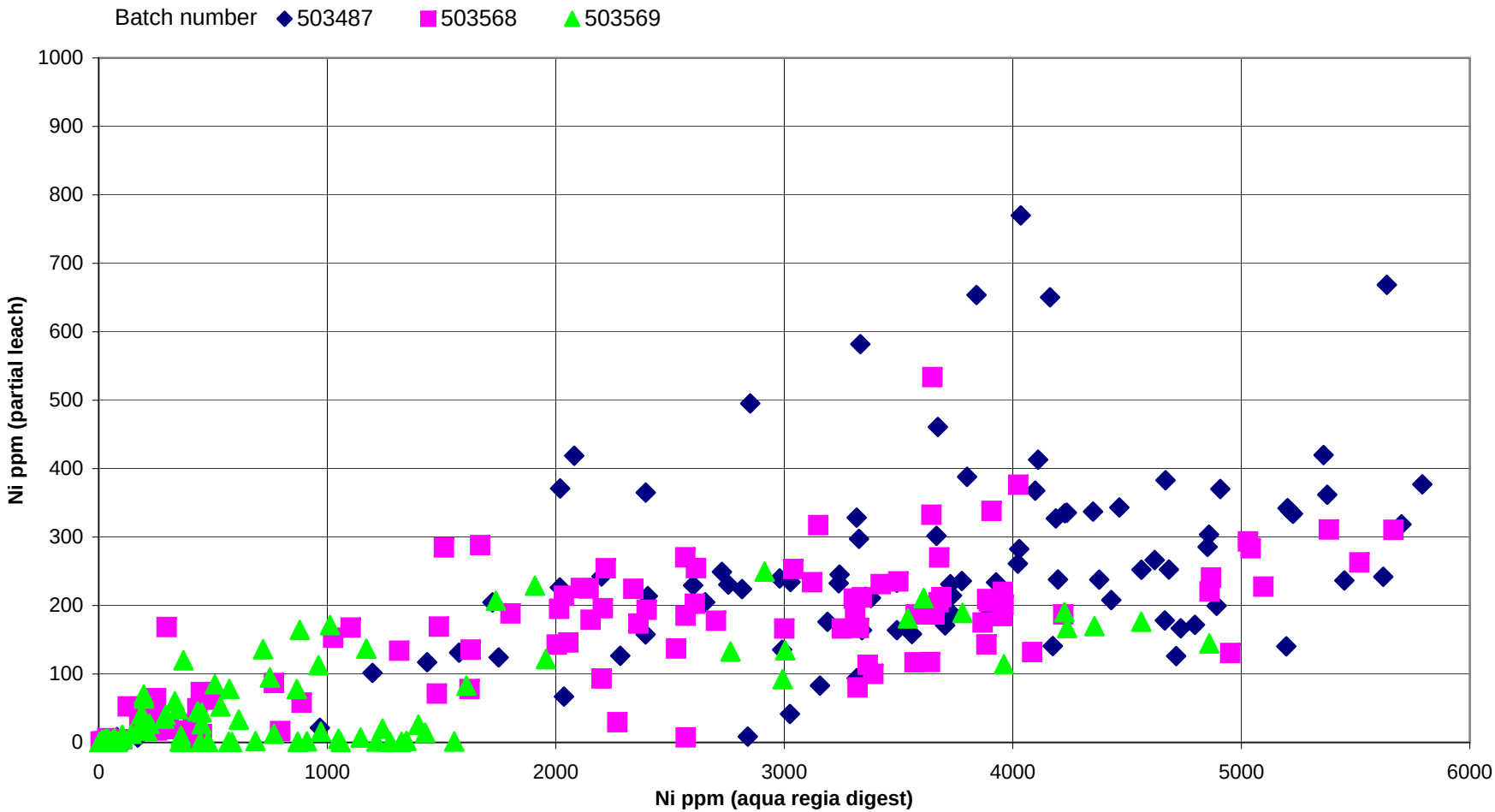

365000 mE
370000 mE
375000 mE
EL18/2002
Harman north soil traverse
Little Wilson soil traverse
Harman central
Keenan soil traverse
Harman south soil traverse
Westerite Hill soil traverse
Serpentine Ridge north soil traverse
Serpentine Ridge south soil traverse
5385000 mN
5380000 mN
Legend
Holocene alluvium
Pleistocene fluvioglacial gravels and lacustrine clays
lateritic colluvium
Tertiary orange to grey clay
Tertiary lateritic gravel and hardcap
Meredith Granite (373 Ma - Late Devonian) - I-type biotite granite and monzogranite
Cambrian tholeiitic and alkali basalts
Cambrian gabbros
Eocambrian Ultramafic Complexes
layered pyroxenite-dunite sequence (LPD)
layered dunite-harzburgite sequence (LDH)
Eldon Group (Silurian to Devonian)
Bell Shale and correlates
Florence Quartzite and correlates
Austral Creek Siltstone and correlates
Crotty Quartzite and correlates
Gordon Group (Ordovician)
Dundas & Huskisson Groups (Middle-Late Cambrian)
Cleveland-Waratah Association (Early Cambrian)
Crimson Creek Formation (Neoproterozoic)
Success Creek Group (Neoproterozoic)
Oonah Formation (Proterozoic)
vehicle or foot track
road
50 m interval topographic contour
water courses and bodies
major fault or shear zone
minor fault or fracture
SRstreams_pan by Ni_ppm
5,000 to 100,000 (3)
3,000 to 5,000 (19)
1,000 to 3,000 (81)
500 to 1,000 (38)
100 to 500 (80)
-100 to 100 (17)
plot_SRrocks by Ni_ppm
3,000 to 5,000 (4)
1,000 to 3,000 (26)
500 to 1,000 (20)
200 to 500 (14)
-900 to 200 (44)
all others (14)
plot_SRsoils by Ni_ppm
5,000 to 100,000 (17)
3,000 to 5,000 (102)
1,000 to 3,000 (74)
500 to 1,000 (20)
200 to 500 (28)
0 to 200 (87)
Adamus Resources Ltd
Serpentine Ridge Project EL18/2002
Ni in stream sediments, rock chips & soils over geology
Figure 10
Scale 1:50,000 MGA Zone 55 GDA94
kilometres

Figure 11: Scatter plot by batch of Ni assayed using aqua regia digest vs partial leach



366000 mE
367000 mE
368000 mE
5381000 mN
5380000 mN
Serpentine Ridge
north soil traverse
Serpentine Ridge
south soil traverse
light coloured sandy soils and clays
black forest floor soil
grey boggy slope wash
dark brown soil formed on UM abundant chips in samples
dark brown soil between broken UM
chromite-rich red soil
dark brown soil amongst broken ultramafic
UM gravel by creek, laterite component
thin layer of soil abundant UM chips
pungent, cream coloured clay
chromite-rich soil
red brown soil and UM gravel
laterite gravel
red brown soil and UM gravel occasional chromite-rich patches
Swampy, thick dark brown soil
clay weathered UM
soil and UM
UM basement, thin layer of soil
generally ak brown soil with UM variable chromite content

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Soils by partial leach Ni ppm
(offset from sample locations)

▼	310 to	770	(35)
▼	201 to	310	(67)
▼	130 to	201	(59)
▼	58 to	130	(35)
▼	11 to	58	(38)
▼	0 to	11	(94)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Serpentine Ridge soil sample traverses
Ni by aqua regia digest and partial leach
over TMI image
Figure 12a

Scale 1:10,000 MGA Zone 55 GDA94
0 100 200 400
metres

366000 mE
367000 mE
368000 mE
5381000 mN
5380000 mN
Serpentine Ridge
north soil traverse
Serpentine Ridge
south soil traverse
dark brown soil between broken UM
chromite-rich red soil
dark brown soil amongst broken ultramafic
UM gravel by creek, laterite component
thin layer of soil abundant UM chips
dark brown soil formed on UM abundant chips in samples
grey boggy slope wash
black forest floor soil
light coloured sandy soils and clays
pungent cream coloured clay
chromite-rich soil
red brown soil and UM gravel
laterite gravel
red brown soil and UM gravel, occasional chromite-rich patches
Swampy thick dark brown soil
clay weathered UM
soil and UM
UM basement, thin layer of soil
generally red brown soil with UM, variable chromite content

Partial leach bar charts
(% of 95th percentile)
100
NiPL__R95
CoPL__R95
AsPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Serpentine Ridge soil sample traverses
Ni aqua regia digest and Ni, Co, As
partial leaches over TMI image
Figure 12b

Scale 1:10,000 MGA Zone 55 GDA94
0 100 200 400
metres

366000 mE
367000 mE
368000 mE
5381000 mN
5380000 mN
Serpentine Ridge
north soil traverse
Serpentine Ridge
south soil traverse
dark brown soil amongst broken ultramafic
chromite-rich red soil
dark brown soil between broken UM
thin layer of soil abundant UM chips
UM gravel by creek, laterite component
dark brown soil formed on UM, abundant chips in samples
grey, boggy slope wash
black forest floor soil
light coloured sandy soils and clays
pungent, cream coloured clay
chromite-rich soil
red brown soil and UM gravel
laterite gravel
red brown soil and UM gravel, occasional chromite-rich patches
Swampy, thick dark brown soil
clay weathered UM
soil and UM
UM basement, thin layer of soil
generally dk brown soil with UM, variable chromite content

Bar Chart of plot_SRsoils_PLshift
100
NiPL__R95
CuPL__R95
SePL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Serpentine Ridge soil sample traverses
Ni aqua regia digest and Ni, Cu, Se
partial leaches over TMI image
Figure 12c

Scale 1:10,000 MGA Zone 55 GDA94
0 100 200 400
metres

366000 mE
367000 mE
368000 mE
381000 mN
380000 mN
379000 mN

Serpentine Ridge
north soil traverse

Serpentine Ridge
south soil traverse

light coloured sandy soils and clays
black forest floor soil
grey boggy slope wash
dark brown soil formed on UM abundant chips in samples
UM gravel by creek, laterite component
dark brown soil between broken UM
chromite-rich red soil
thin layer of soil abundant UM chips
dark brown soil amongst broken ultramafic
brown to orange clay
chromite-rich soil
pungent cream coloured clay
red brown soil and UM gravel
laterite gravel
red brown soil and UM gravel, occasional chromite-rich patches
Swampy, thick dark brown soil
clay weathered UM
soil and UM
UM basement, thin layer of soil
generally ok brown soil with UM, variable chromite content

Partial leach bar chart
(% of 95th percentile)

100

NiPL__R95
PdPL__R95
AuPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Serpentine Ridge soil sample traverses
Ni aqua regia digest and Ni, Pd, Au
partial leaches over TMI image
Figure 12d

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

366000 mE
367000 mE
368000 mE
381000 mN
380000 mN
379000 mN

Serpentine Ridge
north soil traverse

Serpentine Ridge
south soil traverse

dark brown soil formed on UM
abundant chips in samples
grey boggy slope wash
black forest floor soil
light coloured sandy soils and clays
dark brown soil between broken UM
chromite-rich red soil
dark brown soil amongst broken ultramafic
UM gravel by creek, laterite component
thin layer of soil abundant UM chips
red brown soil and UM gravel, occasional chromite-rich patches
laterite gravel
chromite-rich soil
pungent, cream coloured clay
Swampy, thick dark brown soil
clay weathered UM
soil and UM
UM basement, thin layer of soil
generally ok brown soil with UM, variable chromite content

Partial leach bar charts
(% of 95th percentile)

100

NiPL__R95
CdPL__R95
SbPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Serpentine Ridge soil sample traverses
Ni aqua regia digest and Ni, Cd, Sb
partial leaches over TMI image
Figure 12e

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

363000 mE

364000 mE

365000 mE

Little Wilson
soil traverse

grey quartz and
granite-rich soil

mostly UM regolith,
minor granite float

steep slope on UM basement,
little dark brown soil in cracks
locally chromite-rich

ritic soil on
ost samples
chips

5388000 mN

5387000 mN

Keenan
soil traverse

clay, no
surficial UM

grading into clay,
UM fragments

clay, no UM

UM scree, abundant
chips in samples

blocky UM outcrop,
samples generally
from cracks

soil with UM clasts

orange lateritic
slope wash

Websterite Hill
soil traverse

lateritic clay
with UM chips

grey brown clay and
magnetite-rich laterite

orange, yellow to light brown
clay, occassional UM

magnetite laterite overlying
>2m orange clay (Callina-style)

Soils by partial leach Ni ppm
(offset from sample locations)

▼	310 to 770	(35)
▼	201 to 310	(67)
▼	130 to 201	(59)
▼	58 to 130	(35)
▼	11 to 58	(38)
▼	0 to 11	(94)

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Websterite Hill, Keenan and Little Wilson soil sample traverses Ni by aqua regia digest and partial leach over TMI image
Figure 13a

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

363000 mE

364000 mE

365000 mE

Little Wilson
soil traverse

grey quartz and
granite-rich soil

mostly UM regolith,
minor granite float

steeps slope on UM basement,
little dark brown soil in cracks
locally chromite-rich

ritic soil on
ost samples
chips

5388000 mN

5387000 mN

Keenan
soil traverse

clay, no
surficial UM

grading into clay,
UM fragments

clay, no UM

UM scree, abundant
chips in samples

blocky UM outcrop,
samples generally
from cracks

soil with UM clasts

orange lateritic
slope wash

Partial leach bar charts
(% of 95th percentile)

100

NiPL__R95
CoPL__R95
AsPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

Websterite Hill
soil traverse

lateritic clay
with UM chips

grey brown clay and
magnetite-rich laterite

orange, yellow to light brown
clay, occassional UM

magnetite laterite overlying
>2m orange clay (Callina-style)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour

major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Websterite Hill, Keenan and Little Wilson soil sample traverses Ni aqua regia digest and Ni, Co, As partial leaches over TMI image
Figure 13b

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

363000 mE

364000 mE

365000 mE

Little Wilson
soil traverse

mostly UM regolith, minor granite float

grey quartz and granite-rich soil

steeply sloping on UM basement, little dark brown soil in cracks, locally chromite-rich

ritic soil on
ost samples
chips

5388000 mN

5387000 mN

Keenan
soil traverse

UM scree, abundant chips in samples

orange lateritic slope wash

blocky UM outcrop, samples generally from cracks

soil with UM clasts

clay, no UM

grading into clay, UM fragments

clay, no surficial UM

Partial leach bar charts
(% of 95th percentile)

100

NiPL__R95
CuPL__R95
SePL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

Websterite Hill
soil traverse

lateritic clay with UM chips

grey brown clay and magnetite-rich laterite

orange, yellow to light brown clay, occassional UM

magnetite laterite overlying >2m orange clay (Callina-style)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour

major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Websterite Hill, Keenan and Little Wilson soil sample traverses Ni aqua regia digest and Ni, Cu, Se partial leaches over TMI image
Figure 13c

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

363000 mE

364000 mE

365000 mE

Little Wilson
soil traverse

mostly UM regolith, minor granite float

grey quartz and granite-rich soil

steeps slope on UM basement, little dark brown soil in cracks, locally chromite-rich

ritic soil on
ost samples
chips

5388000 mN

5387000 mN

Keenan
soil traverse

UM scree, abundant chips in samples

orange lateritic slope wash

blocky UM outcrop, samples generally from cracks

soil with UM clasts

clay, no UM

grading into clay, UM fragments

clay, no surficial UM

Partial leach bar chart
(% of 95th percentile)

100

NiPL__R95
PdPL__R95
AuPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

Websterite Hill
soil traverse

lateritic clay with UM chips

grey brown clay and magnetite-rich laterite

orange, yellow to light brown clay, occassional UM

magnetite laterite overlying >2m orange clay (Callina-style)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour

major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Websterite Hill, Keenan and Little Wilson soil sample traverses Ni aqua regia digest and Ni, Pd, Au partial leaches over TMI image
Figure 13d

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

363000 mE

364000 mE

365000 mE

Little Wilson
soil traverse

mostly UM regolith, minor granite float

grey quartz and granite-rich soil

steeply sloping on UM basement, little dark brown soil in cracks, locally chromite-rich

ritic soil on
ost samples
chips

5388000 mN

5387000 mN

Keenan
soil traverse

UM scree, abundant chips in samples

orange lateritic slope wash

blocky UM outcrop, samples generally from cracks

soil with UM clasts

clay, no UM

grading into clay, UM fragments

clay, no surficial UM

Partial leach bar chart
(% of 95th percentile)

100

NiPL__R95
CdPL__R95
SbPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

Websterite Hill
soil traverse

lateritic clay with UM chips

grey brown clay and magnetite-rich laterite

orange, yellow to light brown clay, occassional UM

magnetite laterite overlying >2m orange clay (Callina-style)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour

major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Websterite Hill, Keenan and Little Wilson soil sample traverses Ni aqua regia digest and Ni, Cd, Sb partial leaches over TMI image
Figure 13e

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

361000 mE
362000 mE
363000 mE
388000 mN
387000 mN

Harman north soil traverse
Little Wilson soil traverse
Harman central soil traverse
Keenan soil traverse
Harman south soil traverse

quartz-rich granite wash
boggy poorly-drained, dark brown soil
thin non-lateritic soil on UM base, most samples contain UM chips
mostly UM regolith, minor granite float
steep slope on UM basement, little dark brown soil in cracks locally chromite-rich
sandy granite derived soil
UM basement with dark soil amongst surface scree and in cracks
UM scree abundant chips in samples
blocky UM outcrop, samples generally from cracks
soil with UM clasts
orange lateritic slope wash
very wet muddy UM gravel
swampy dark brown soil, occasional UM clasts
swampy dark grey soil, occasional UM clasts

Soils by partial leach Ni ppm
(offset from sample locations)

▼	310 to 770	(35)
▼	201 to 310	(67)
▼	130 to 201	(59)
▼	58 to 130	(35)
▼	11 to 58	(38)
▼	0 to 11	(94)

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to 100,000	(17)
▲	3,000 to 5,000	(102)
▲	1,000 to 3,000	(74)
▲	500 to 1,000	(20)
▲	200 to 500	(28)
▲	0 to 200	(87)

Rock chips Ni ppm

★	3,000 to 5,000	(4)
★	1,000 to 3,000	(26)
★	500 to 1,000	(20)
★	200 to 500	(14)
★	-900 to 200	(44)
☆	all others	(14)

Stream sediments Ni ppm

■	5,000 to 100,000	(3)
■	3,000 to 5,000	(19)
■	1,000 to 3,000	(81)
■	500 to 1,000	(38)
■	100 to 500	(80)
■	-100 to 100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Harman soil sample traverses
Ni by aqua regia digest and
partial leach over TMI image
Figure 14a

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

361000 mE
362000 mE
363000 mE
388000 mN
387000 mN

Harman north soil traverse

quartz-rich granite wash

boggy poorly-drained, dark brown soil

thin non-lateritic soil on UM base, most samples contain UM chips

Little Wilson soil traverse

mostly UM regolith, minor granite float

steep slope on UM basement, little dark brown soil in cracks locally chromite-rich

Harman central soil traverse

sandy granite derived soil

UM basement with dark soil amongst surface scree and in cracks

Keenan soil traverse

UM scree abundant chips in samples

orange lateritic slope wash

blocky UM outcrop, samples generally from cracks

soil with UM clasts

Harman south soil traverse

swampy dark grey soil, occasional UM clasts

very wet muddy UM gravel

swampy dark brown soil, occasional UM clasts

Partial leach bar charts
(% of 95th percentile)

100

NiPL__R95
CoPL__R95
AsPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

5,000 to	100,000	(17)
3,000 to	5,000	(102)
1,000 to	3,000	(74)
500 to	1,000	(20)
200 to	500	(28)
0 to	200	(87)

Rock chips Ni ppm

3,000 to	5,000	(4)
1,000 to	3,000	(26)
500 to	1,000	(20)
200 to	500	(14)
-900 to	200	(44)
all others		(14)

Stream sediments Ni ppm

5,000 to	100,000	(3)
3,000 to	5,000	(19)
1,000 to	3,000	(81)
500 to	1,000	(38)
100 to	500	(80)
-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Harman soil sample traverses
Ni aqua regia digest and Ni, Co, As
partial leaches over TMI image
Figure 14b

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

361000 mE
362000 mE
363000 mE
388000 mN
387000 mN
Harman north soil traverse
Little Wilson soil traverse
Harman central soil traverse
Keenan soil traverse
Harman south soil traverse
quartz-rich granite wash
boggy poorly-drained, dark brown soil
thin non-lateritic soil on UM base, most samples contain UM chips
mostly UM regolith, minor granite float
steep slope on UM basement, little dark brown soil in cracks locally chromite-rich
sandy granite derived soil
UM basement with dark soil amongst surface scree and in cracks
UM scree, abundant chips in samples
blocky UM outcrop, samples generally from cracks
soil with UM clasts
orange lateritic slope wash
very wet muddy UM gravel
swampy dark brown soil, occasional UM clasts
swampy dark grey soil, occasional UM clasts

Partial leach bar charts
(% of 95th percentile)
100
NiPL__R95
CuPL__R95
SePL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

5,000 to	100,000	(17)
3,000 to	5,000	(102)
1,000 to	3,000	(74)
500 to	1,000	(20)
200 to	500	(28)
0 to	200	(87)

Rock chips Ni ppm

3,000 to	5,000	(4)
1,000 to	3,000	(26)
500 to	1,000	(20)
200 to	500	(14)
-900 to	200	(44)
all others		(14)

Stream sediments Ni ppm

5,000 to	100,000	(3)
3,000 to	5,000	(19)
1,000 to	3,000	(81)
500 to	1,000	(38)
100 to	500	(80)
-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Harman soil sample traverses
Ni aqua regia digest and Ni, Cu, Se
partial leaches over TMI image
Figure 14c

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

361000 mE
362000 mE
363000 mE
388000 mN
387000 mN
Harman north soil traverse
Little Wilson soil traverse
Harman central soil traverse
Keenan soil traverse
Harman south soil traverse
quartz-rich granite wash
boggy poorly-drained, dark brown soil
thin non-laterite soil on UM base, most samples contain UM chips
mostly UM regolith, minor granite float
steep slope on UM basement, little dark brown soil in cracks locally chromite-rich
sandy granite derived soil
UM basement with dark soil amongst surface scree and in cracks
UM scree abundant chips in samples
blocky UM outcrop, samples generally from cracks
soil with UM clasts
orange lateritic slope wash
very wet muddy UM gravel
swampy dark brown soil, occasional UM clasts
swampy dark grey soil, occasional UM clasts

Partial leach bar chart
(% of 95th percentile)
100
NiPL__R95
PdPL__R95
AuPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Harman soil sample traverses
Ni aqua regia digest and Ni, Pd, Au
partial leaches over TMI image
Figure 14d

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

361000 mE
362000 mE
363000 mE
388000 mN
387000 mN
Harman north soil traverse
Little Wilson soil traverse
Harman central soil traverse
Keenan soil traverse
Harman south soil traverse
quartz-rich granite wash
boggy poorly-drained, dark brown soil
thin non-lateritic soil on UM base, most samples contain UM chips
mostly UM regolith, minor granite float
steep slope on UM basement, little dark brown soil in cracks locally chromite-rich
sandy granite derived soil
UM basement with dark soil amongst surface scree and in cracks
UM scree abundant chips in samples
blocky UM outcrop, samples generally from cracks
soil with UM clasts
orange lateritic slope wash
very wet muddy UM gravel
swampy dark brown soil, occasional UM clasts
swampy dark grey soil, occasional UM clasts

Partial leach bar charts
(% of 95th percentile)
100
NiPL__R95
CdPL__R95
SbPL__R95

Soils by aqua regia Ni ppm
(symbols on sample locations)

▲	5,000 to	100,000	(17)
▲	3,000 to	5,000	(102)
▲	1,000 to	3,000	(74)
▲	500 to	1,000	(20)
▲	200 to	500	(28)
▲	0 to	200	(87)

Rock chips Ni ppm

★	3,000 to	5,000	(4)
★	1,000 to	3,000	(26)
★	500 to	1,000	(20)
★	200 to	500	(14)
★	-900 to	200	(44)
☆	all others		(14)

Stream sediments Ni ppm

■	5,000 to	100,000	(3)
■	3,000 to	5,000	(19)
■	1,000 to	3,000	(81)
■	500 to	1,000	(38)
■	100 to	500	(80)
■	-100 to	100	(17)

water courses and bodies
vehicle or foot track
road
50 m interval topo contour
major fault or shear zone
minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Harman soil sample traverses
Ni aqua regia digest and Ni, Cd, Sb
partial leaches over TMI image
Figure 14e

Scale 1:10,000 MGA Zone 55 GDA94

0 100 200 400
metres

Harman north
Little Wilson
Keenan soil traverse
Harman central
Wilson (Gordon Limestone)
EL18/2002
Serpentine Ridge north
Serpentine Ridge south
365000 mE
370000 mE
375000 mE
5390000 mN
5385000 mN
5380000 mN
5375000 mN

general target zone for magnetic Avebury-type Ni skarn deposits

target zone for follow-up rock chip sampling

See Figure 9 for key to geochemical sample symbols

vehicle or foot track

road

50 m interval topographic contour

water courses and bodies

major fault or shear zone

minor fault or fracture

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
2005 Ni targets over TMI
Figure 15

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2

kilometres

5390000 mN
5380000 mN
365000 mE
370000 mE
375000 mE
EL18/2002
Websterite Hill Laterites
Wilson Terraces
Huskisson Terraces
Chromite Creek Terraces
Riley North Terraces
Callina Laterites
Riley West Terrace
SRBS010
SRBS011
SRBS007
SRBS008
SRBS006
SRBS005
SRBS009
SRBS004
SRBS001, 002, & 003

Legend

- Holocene alluvium
- Pleistocene fluvioglacial gravels and lacustrine clays
- lateritic colluvium
- Tertiary orange to grey clay
- Tertiary lateritic gravel and hardcap
- Meredith Granite (373 Ma - Late Devonian) - I-type biotite granite and monzogranite
- Cambrian tholeiitic and alkali basalts
- Cambrian gabbros
- Eocambrian Ultramafic Complexes
  - layered pyroxenite-dunite sequence (LPD)
  - layered dunite-harzburgite sequence (LDH)
- Eldon Group (Silurian to Devonian)
  - Bell Shale and correlates
  - Florence Quartzite and correlates
  - Austral Creek Siltstone and correlates
  - Crotty Quartzite and correlates
- Gordon Group (Ordovician)
- Dundas & Huskisson Groups (Middle-Late Cambrian)
- Cleveland-Waratah Association (Early Cambrian)
- Crimson Creek Formation (Neoproterozoic)
- Success Creek Group (Neoproterozoic)
- Oonah Formation (Proterozoic)

- vehicle or foot track
- road
- 50 m interval topographic contour
- water courses and bodies
- major fault or shear zone
- minor fault or fracture

Adamus 20kg bulk mineral sample location

Panned stream sediments Cr ppm

350,000 to	1,000,000	(20)
200,000 to	350,000	(99)
100,000 to	200,000	(58)
50,000 to	100,000	(28)
10,000 to	50,000	(22)
-10 to	10,000	(11)

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Chromium in stream sediments and mineral sample locations
Figure 16

Scale 1:50,000 MGA Zone 55 GDA94

0 0.5 1 2
kilometres

Figure 17: Callina Laterites – Area A (location 367607mE 5376923mN AMG55 AGD66) where a mixture of consolidated and unconsolidated weakly magnetic lateritic gravel is exposed.

Figure 18: Close-up of consolidated lateritic gravel at same location as Figure 1. This material assayed 57 % Fe and 2.3 % Cr.

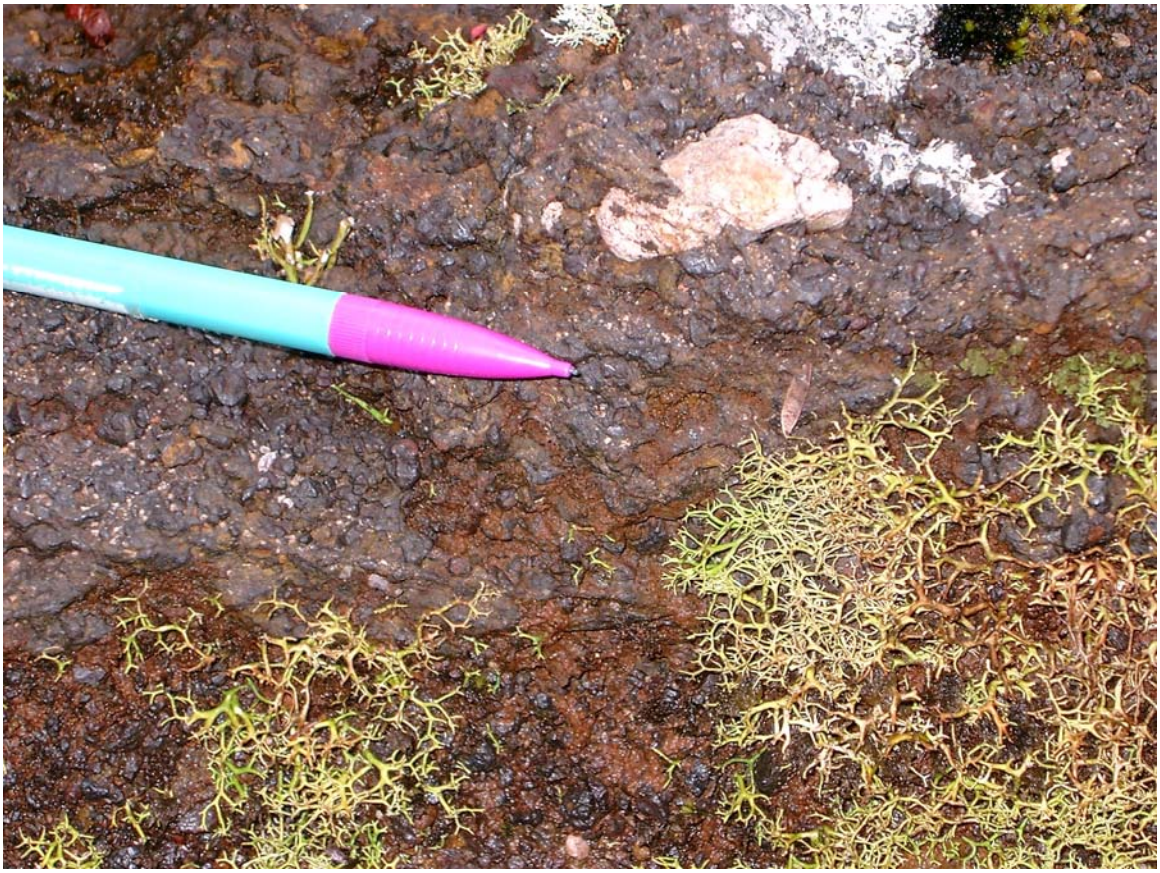


Figure 19: boulders of consolidated lateritic gravel in Area C (location 368194mE 5376279mN AMG55 AGD66), showing presence of minor white vein quartz and ferruginous serpentinite pebbles. This material assayed 49 % Fe and 2.9 % Cr.

Figure 20: Margin of Callina Laterite Area D. Thin layer of partly consolidated lateritic gravel overlying weakly weathered serpentinite.

Legend

- Holocene alluvium
- Pleistocene fluvioglacial gravels and lacustrine clays
- lateritic colluvium
- Tertiary orange to grey clay
- Tertiary lateritic gravel and hardcap

Eocambrian Ultramafic Complexes

- layered pyroxenite-dunite sequence (LPD)
- layered dunite-harzburgite sequence (LDH)
- Dundas & Huskisson Groups (Middle-Late Cambrian)
- Crimson Creek Formation (Neoproterozoic)

- Callina bulk sample pit
- Callina hollow-core auger drill hole

- water courses and bodies
- vehicle track
- road
- 50 m interval topo contour

- major fault or shear zone
- minor fault or fracture

368000 mE

369000 mE

5377000 mN

5376000 mN

Area A

Area B

Area C

Area C

Area D

Adamus Resources Ltd

Serpentine Ridge Project EL18/2002
Callina Laterites drill hole and bulk sample pit plan
Figure 21

Scale 1:8,000 MGA Zone 55 GDA94

0 75 150 300
metres

Figure 22: Peaty, button-grass covered glacial gravels referred to as the Riley West Terrace. Small creeks traversing the terrace are rich in chromite. A grab sample (WR012) of sediment from one of these creeks returned 12 % Cr.

Figure 23: Holocene and Pleistocene gavels of the Riley West Terrace (location 368486mE 5375960mN AMG55 AGD66). Grey clay-rich matrix supported glacial gravels overlain by dark brown humic gravel which includes fragments of consolidated lateritic gravel.

Appendix A: Summary notes of Callina NL technical reports

Report 87-2633 Callina NL 1986 Technical Report, Wilson River, NW Tasmania 1986.

PGE focus, 3 km^2 of laterite areas identified on the SW flank of Serpentine Ridge. 9 costeans dug by excavator, 0.5 m^3 samples collected every metre. Depth to weathered serpentinite basement in creek beds 2 to 5 m, on spurs/slopes excavator could not reach basement (>6 m reach). Portable percussion drill and auger showed depth on spurs ranged from 7.5 m to max of 14.5m (between Lippy Jane and Riley Creeks). Surface hardcap and pisolitic gravel ranged in depth from 0.75 to 2 m. Bulk samples from costeans were processed on site by wet concentrator which was set up for gold and osmiridium recovery, not chromite: Callina did not report the initial sample weights hence it is not possible to derive in situ grade from the assays ultimately obtained for the various concentrates. Some osmiridium contamination/carry-over between samples was noted.

Some 36 concentrates each weighing approx 5 kg were sent to Perth for analysis. Gold and osmiridium were picked by hand panning, then samples were washed/deslimed to +75 µm, dried then split into coarse (+500 µm) and fine (-500+75 µm) fractions, then magnetically separated into low-mag, medium-mag and high-mag products. The high-mag fraction was dominated by magnetite, the medium mag fraction chromite, and the low mag fraction chromite, hematite and goethite. Proportions of high, medium and low mag fractions were approximately 25:50:25. The -75 µm slimes were also dried and prepared for mineralogical analysis. A 200 gm portion of each subsample was assayed for Au and PGEs (Pt, Pd, Rh, Ru, Os & Ir) and some 30 subsamples were also assayed for Cr and Fe. It is not possible to relate the assays back to initial composition because sample weights were not tracked during the various separations. Two ultramafic rock chip samples (serpentinized ?dunite and ?harzburgite), 10 sized and magnetically separated samples and 5 pan concentrates were examined by both optical microscope and SEM by Dr Jiri Just. The following conclusions can be made from this work:

- The concentrates produced from the lateritic samples were relatively uniform and dominated by chromite, magnetite and maghemite, hematite and goethite after magnetite. All the Fe-oxide phases contain appreciable chromium. Trace iridosmine, xenotime, zircon, monazite, and cassiterite were reported. Gold and PGMs were panned and hand picked from the concentrates before assay and mineralogical investigation.

- Assaying confirms that the concentrates are dominated by Fe and Cr oxide; total Fe and Cr oxide combined comprises around 90% of all (high, low and medium-mag) fractions. Cr_2O_3 content of the medium mag fraction is consistently in the range 50-60%, with a few fractions assaying up to 69% Cr_2O_3. The finer -250 µm +90 µm fraction is a cleaner chromite concentrate typically assaying 10% higher Cr_2O_3 than the +250 µm -2 mm fraction. Because sample weights were not tracked it is not possible to estimate initial sample Fe and Cr content.

- Analysis by electron microprobe of 40 chromites randomly selected from a +250 µm -2 mm moderately magnetic fraction suggests a single unimodal chromite population with average Cr_2O_3 content of 69 wt% around theoretical maximum for chromite. Average chromite composition is :

Cr_2O_3	69.70%
FeO	16.58%
MgO	8.42%
Al_2O_3	4.41%
V_2O_3	0.13%
MnO	0.66%

- Iridosmine occurs both as free grains and as inclusions within chromite grains. Assaying of the concentrates indicates Ir=Os>>Ru>Pt>Rh>>Pd content. While the assays suggest higher PGE content in the finer (-500 µm) fraction this may simply be the result of the aforementioned hand picking for gold and iridosmine prior assay. Because sample weights were not reported from the on-site jigging it is not possible to estimate PGE content of the bulk lateritic material.

- Petrography indicates a significant amount of fine grained (<10 µm) gold (estimated to be >10 ppm) occurs in the -75 µm slimes. This was confirmed by assaying of 30 slime samples which returned Au assays ranging from 0.03 to 9.63 ppm and averaged 1.08 ppm Au. The amount of coarse Au picked out by panning of the concentrates prior to assay was not reported by Callina, and, again, because sample weights were not reported for the on-site jigging it is not possible to estimate initial gold content of the lateritic material.

- Ni is significant in both concentrates and slimes, and assayed up to 0.8%. Some samples were assayed for a variety of other metals including Ag, Cu, Pb, Zn, Bi, Sb, Mo & W but no significant amounts were present.

- Both of the serpentinised ultramafic samples (JJ1911 & JJ1912) contain chromite and magnetite. The serpentinised ?harzburgite (JJ1912) sample also had trace **cassiterite** and **sphalerite**. The serpentinised ?dunite (JJ1911) included **awruite (Ni-Fe alloy)** and traces of **native nickel**, ?galena, **acanthite (Ag_2S)**, **covellite,** native ?zinc, and **?auricupride (Cu_3Au)**. The latter occurred in a thin veinlet of magnetite and is apparently restricted to gold deposits in ultramafic rocks. The presence of native nickel, Ni-Fe alloy and various sulphides is encouraging for Ni-sulphide exploration (see below).

Four prospects or areas were outlined for follow-up chromite and PGE exploration: Areas A, C and D are lateritic deposits between Three Mile/Lippy Jane and Riley creeks, Riley and Fowler creeks, and the head of Gold Creek respectively. Area B is a colluvial deposit in the head of Riley Creek.

Report 87-2744 Callina NL 1987 Annual Report 1/12/86 – 1/12/87 Wilson River Exploration Licence 24/85.

Work program in 1986-1987 season focussed on detailed mapping of regolith in the southern Serpentine Ridge laterite area, followed by 35 bulk samples of $2m^3$ on approx 100 m centres and 79 wireline hollow-core auger drill holes on approx 50 x 100 m spacings within Area A.

The 35 bulk samples were sized to -3 mm then individually fed aver a large Inverell jig and wet separated into 3 hutches: hutch 1 was set to receive only PGMs, Au and minor Fe-oxide and chromite; hutch 2 and 3 set for iron and chrome oxides which were combined as a sand concentrate. Relative volumes from each hutch and oversize material were estimated, then a 50 kg subsample was taken from each hutch and submitted to Micron Research, Perth for further mineral separation. Micron produced around 15 magnetic and size separates for each sample, sample weights were tracked and the various products were assayed for Cr_2O_3, Fe_2O_3, SiO_2, Al_2O_3, MgO, CaO, TiO_2, V_2O_5, MnO, P, PGEs and Au. A lot of assays were generated but Callina did not rationalise the results in the 1987 report.

The 79 hollow-core auger holes were drilled to blade refusal in basement and range up to 17 m depth (average probably around 4-5 m). Core runs were approx 0.9 m each and recoveries generally good. The core samples were composited into 2 metre intervals (3 m intervals if final hole depth was odd) and screened to remove fines/slimes then dried and sent off-site for assay. The first 22 samples were wet screened to remove slimes, however settling of clay-rich material proved slow and all subsequent samples were dry screened (dried, hand or mallet crushed, then screening into +2mm, -2mm+90 µm and -90 µm fractions). Results were not given in the 1987 report.

The area around the laterite deposits was mapped in detail (1:5000 scale) and the following units recognised:

Quarternary: Qg & Qgg – glacial gravels and sands, locally erratics; Qm – muddy marsh deposits; Qra – river gravels (alluvial), reworked glacial deposits which have locally been extensively worked by the early prospectors; Qc – red brown unconsolidated colluvium locally with minor reworked lateritic gravel, never more than about 3 m thick overlying serpentinite.

Tertiary: Tbg – dark ironstone gravel and hardcap overlying fine yellow-brown clay with fine sand sized chromite and fe-oxide grains, grading into green (?saprolitic) clay over ultramafics. Unconsolidated gravel typically overlies hardcap. This laterite-clay unit is thickest on the ridges flanking Riley Creek where the lateritic gravel and hardcap layer reaches up to 2.5 m thick and the yellow-brown clay up to 14 m thick. The clay horizon is generally absent where the lateritic gravel locally extends to the west beyond the ultramafic over the adjacent Crimson Creek Formation (Eocambrian volcarenites and argillites). Trg – reddish sandy lateritic gravels ?overlying yellow-brown clay? around the flanks of the Tbg unit.

Serpentinitised Dunite-Harzburgite: Csd – the area west of Riley Knob was mapped by Brown (1984) as layered dunite and harzburgite of Cambrian age. Although extensively serpentinised primary layering is commonly still visible. Disseminated chromite grains up to 2 mm are commonly visible, and rare chromite stringers up to ca. 3 mm thick reported. Contact to the west with the Crimson Creek Formation is a major fault.

Report 89-2903 Browne, C., and Richards, J., 1988. Callina NL Report to the Board of Directors, Wilson River Project, Evaluation of Database. EL24/85 Wilson River Area, North-Western Tasmania, March 1988.

Resource estimation for Area A based on 1987 bulk sampling (31 pits) and hollow-core auger drilling (86 holes). Calculation for Area A was 4.1 Mt at 3.3% Cr_2O_3 for 136 kt Cr_2O_3 and assuming average chromite composition of 65% Cr_2O_3 contained chromite of ca. 209 kt. Important assumptions: (1) the lat gravel and hardcap grade of 3.3% was extended to the underlying yellow-brown clay zone; (2) lat gravel and hardcap SG of 2.5 was also applied to the yellow-brown clay zone. However, it was noted that the chromite grade improved with depth and the lateritic gravel and hardcap most likely have an SG closer to 3.5, therefore the above assumptions may be globally reasonable. Total resource potential of ca. 1 Mt chromite was estimated for Areas A to D.

Microprobe analysis of 285 chromites by Dr Jiri Just of CSIRO showed the chromites to be non-stoichiometric with an excess of trivalent metals and up to 74.65% Cr_2O_3. Average of the 285 analysis is 70.2% Cr_2O_3, 3.92% Al_2O_3, 17.48% FeO, 6.93% MgO and <0.01% MnO, V_2O_3 and SiO_2. Contrary to the earlier (1986) 40 chromite analyses Dr Just identified two populations; a minor stoichiometric population and a more common non-stoichiometric population in which the trivalent:divalent metal ratio was significant higher than theoretical. Chromium-bearing (up to 6.98 wt%) limonite was also found to be widespread, potentially complicating production of a chromite concentrate. The chromium limonite widely occurs as cement in the lateritic gravels, and also mantles some chromite grains.

Preliminary scoping by R F Blanks (consulting metallurgist to Callina) suggested that for a 25 kt pa operation on Area A the recoverable grade would have to be at least 4% chromite, and PGE credits from Area A would be low.

Report 88-2879 Davis, N., 1988. Callina NL Interim Report EL24/85 Wilson River Area, North-Western Tasmania, October 1988.

The 1988 work program comprised 62 hollow-core auger holes for a total of 212 m drilling and 32 bulk samples of $2m^3$ taken from surface to a depth of ca 6.5 m. Area C was focus of the work:

56 of the holes were drilled within Area C, 1 within Area A and 5 were drilled at the margins and within adjacent glacial gravel terrace immediately south of Area C; 23 of bulk samples were from Area C, 5 were repeats from Area A and 4 were from the glacial gravels south of Area C. Processing of bulk samples was conducted in much same way as the 1987 program, preparation of the drill samples was not mentioned.

Drilling showed the Tbg gravel and clay unit to be thickest in the highest parts of the deposit, and visual inspection suggested that highest levels of chromite correspond with the thickest parts of Tbg. Three of the drill holes into the Fowler Creek glacial gravel terrace south of Area C were terminated at 1 m (due to qtzite boulders?), but the two holes to the south reached up to 8 m. Chromite was logged as none to abundant in both. Assay and mineral separation results were not included (not available at time of writing).

Report 89-3044 Blanks, R., 1989. Callina NL Annual Report 1988/89 EL24/85 Wilson River – Riley Knob, Western Tasmania.

Further 213 microprobe analyses of chromites by Dr Jiri Just. Confirmed presence of two chromite populations: a stoichiometric chromite group with Cr_2O_3 content <69%; a non-stoichiometric population with Cr_2O_3 content around 71%. Average Cr_2O_3 content of combined populations was ca. 70%. 356 analyses of ferruginous phases returned an average of 4.25% Cr_2O_3 which would not be upgradeable.

Resource estimate for Area C and revised estimate for Area A by Dr R Blanks (consulting metallurgist) gave combined resource figure of 1.7 Mt at 1.8-2% chromite for ca. 32 kt contained chromite. This represents a very significant reduction compared to previous Callina resource estimate, largely through the exclusion of zones thought to be dominated by chromian limonite and therefore not recoverable. Preliminary economic evaluation suggest that the project would be only marginally profitable on basis of this resource, and that new resource areas should be sort. Notably, a value of $400 t was assumed for the 60% Cr_2O_3 chromite product. Au and PGE contents were considered economically insignificant.

Petrography of two concentrates from the Fowler Creek terrace by R. Townend indicate the concentrates comprise >85% chromite, and that the chromite is largely fresh and liberated (cf the lateritic deposits).

Blanks recommended exploration focus on lateritic Area D, and Chromite Creek. Photogeological interpretation by J Thompson suggested the Serpentine Ridge lateritic gravel and underlying yellow-brown clay deposits were essentially scraped off the Wilson River Ultramafic Complex, then deposited at the end of a glacier which advanced in a southeast direction along Serpentine Ridge from Mt Meredith. Requires relief inversion since glaciation, predicts the Fowler Creek glacial terrace would comprise ultramafic detritus, and fails to account for absence of a clay zone over the adjacent Crimson Creek Formation.

Appendix B: Chromite industry overview

Total world chromite ore production in 2004 was around 17Mt (USGS stats) and over 85% of this was destined for the stainless steel industry (via the ferro-chrome industry). Chromite is also used in pigments and chemicals, foundry sands and refractories, although the former usage is in decline because of environment issues (the hexavalent chromium used in pigments is toxic). The general outlook is for increasing growth in the chromium market over the next five years, reflecting upturn in gas turbine and aerospace markets. There is no substitute for chromium in stainless steel or strategic superalloys. Consumption increased by an estimated 15% in 2004 and a further 25% increase may be expected by the end of the decade (Roskill Metals & Minerals Reports). South Africa, Kazakhstan and India dominate world chromite production, and expansions in South Africa and Kazakhstan are expected to meet the increased demand.

The only significant chromium ore mineral is chromite, nominal formula $FeCr_2O_4$ (i.e. 68% Cr_2O_3) but most chromite also contain appreciable Mg (substituting for Fe^{2+}) and Al (substituting for Cr^{3+}) so that a more typical composition is ca. 45-55% Cr_2O_3. Important variables critical to saleability are % Cr_2O_3, Cr:Fe ratio, Al_2O_3 and MgO content and ratio, and SiO_2, S and P contents. Commercially traded chromite ore grades range from 35 to 55% Cr_2O_3 (stoichiometric maximum Cr_2O_3 content in chromite is 57%). Technological advances in recent years have meant that customers can use a wider range of quality and grade specifications. General compositional specifications for major uses are as follows:

Metallurgical Grade: high chromium chromite with 46% or more Cr_2O_3, and Cr:Fe ratio >2:1, SiO_2 <10%.

Chemical Grade: high chromium chromite with 40 to 46% Cr_2O_3 and often >44% Cr_2O_3, Cr:Fe ratio between 1.5:1 and 2:1, SiO_2 <8%, FeO < 20%, Al_2O_3 >14%, MgO <14% and CaO <3%.

Refractory Grade: Al_2O_3 >20% and $Al_2O_3 + Cr_2O_3$ > 60%, SiO_2 <8%, FeO <8%, CaO <2%.

Foundry Grade: Cr_2O_3 >44%, Fe_2O_3 <20%, SiO_2 <4% and CaO <0.5%.

Physical properties are also important: lump chromite is preferred for general ferrochromium production; a mixture of fines and lump for low-carbon ferrochromium production; hard, coarsely

crystalline chromite for refractory bricks, fines for refractory mortars; specific size ranges of sand for foundry sands; friable ore for chemical use.

Chromite and ferrochromium are not traded on commodities or futures exchanges and publicly available prices are generally composites based on trade journal surveys of consumers and producers. Current (2005) chromite ore prices are around USD180 t for foundry grade, USD140 t for chemical grade, USD110 t for refractory grade and USD85 t for metallurgical grade.

Coobina is currently the only operating chromite mine in Australia, currently producing around 250 kt pa of hard, lumpy metallurgical-grade chromite ore. The Coobina chromite mine is located 80 km southeast of Newman in Western Australia and currently owned and operated by Consolidated Minerals Limited ("Consolidated"). The chromite ore occurs as steeply dipping massive chromitite lenses up to 340 m long within ultramafic rocks. Up to 150 lenses have been identified, locally stacking to form ore zones up to 12 m thick. Mining occurs in multiple open pits using hydraulic excavator and dump trucks, ore is processed through a heavy media separation plant on site to achieve an average grade of 42 % Cr_2O_3 then trucked by 90-tonne road trains 500 km to Port Hedland for shipping to customers in China and Europe. Consolidated plans to ramp Coobina up to 500 kt pa over the next two years and estimated mine life is a further 5 years (to 2010). Consolidated Minerals received a marginal premium for the hard and lumpy Coobina ore because, unlike the friable ores, it does not tend to break down into fines in the blast furnace. Average realised 2003 price for Coobina ore was USD55 t, 2004 was USD85 t, with estimated prices for 2005 and 2006 around USD110 t. Typical composition of the Coobina production ore from Consolidated Minerals annual reports is given below. Average composition of chromite from the Callina Laterites at Serpentine Ridge is also tabulated for comparison (note actual concentrate would be expected to a have few more impurities than this).

Element	Coobina Ore	Callina Laterites – average detrital chromite composition
Cr_2O_3	41%	70%
Cr:Fe	1.7:1	2.7:1
SiO_2	8%	<0.01%
Al_2O_3	10%	4%
MgO	14%	7%
S%	0.005	?
P%	0.005	?

Appendix C: Panned stream sediment sample details and assays

Sample	mE_AMG55	mN_AMG55	Grid	Survey_method	Survey_accuracy	Trap_type	Trap_rating	Stream_flow	Stream width (m)	Stream depth (cm)	Bulk_lith
SRSS001	367294	5379337	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	2-3	5-10	UM gravels
SRSS002	367293	5379336	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	2-3	5-10	UM gravels
SRSS003	367748	5379261	AMG55 AGD66	GPS Garmin12XL	4	Lag Deposit	Fair	Gentle	2	5	UM gravels
SRSS004	367580	5379395	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair / Good	Gentle	3	5-30	UM gravels
SRSS005	366745	5379872	AMG55 AGD66	GPS Garmin12XL	4	Gutter Trap	Good	Gentle	2	5-30	UM gravels
SRSS006	367112	5380446	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Poor	Gentle	1-2	5-10	Sed & UM gravels
SRSS007	367069	5380313	AMG55 AGD66	GPS Garmin12XL	5	Gutter Trap	Good	Gentle	1	5	UM gravels
SRSS008	366976	5380120	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	Gentle	1	5-10	UM gravels
SRSS009	366825	5380603	AMG55 AGD66	GPS Garmin12XL	6	Lag/Gutter	Fair	Gentle	1	2-5	UM gravels
SRSS010	366908	5380653	AMG55 AGD66	GPS Garmin12XL	6	Lag/Gutter	Good	Gentle	1	5-30	UM gravels
SRSS011	366748	5380829	AMG55 AGD66	GPS Garmin12XL	4	Lag/Gutter	Good	Gentle	1	5-10	UM gravels
SRSS012	366617	5380912	AMG55 AGD66	GPS Garmin12XL	4	Lag Deposit	Fair	Gentle	0.5	1-3	UM gravels
SRSS013	366753	5380772	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	0.5	5	UM gravels
SRSS014	366753	5380772	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	0.5	5	UM gravels
SRSS015	367971	5379360	AMG55 AGD66	GPS Garmin12XL	10	Lag/Rock Bar	Good	Moderate	3	10-50	Sed gravels & Cobbles
SRSS016	364777	5382023	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Poor	Trickle	0.5	1-2	UM gravels
SRSS017	367929	5378768	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	1	5-10	UM gravel & silts
SRSS018	365204	5381810	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	0.5-1.5	5-10	UM gravels
SRSS019	365223	5381944	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	Gentle	1	10-20	UM gravels
SRSS020	365199	5382076	AMG55 AGD66	GPS Garmin12XL	7	Rock Bar	Good	Gentle	1	5-30	UM Gravels & sands
SRSS021	365213	5381988	AMG55 AGD66	GPS Garmin12XL	4	Lag/Rock Bar	Good	Gentle	3-4	5-30	UM gravels & Cobbles
SRSS022	365004	5382404	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Fair	Gentle	2	5-20	UM Gravels & sand
SRSS023	365348	5382612	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Poor	No Flow	2	0	UM/Sed gravels, Cobbles & sand
SRSS024	365552	5382538	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Moderate	1	5-40	WH sand , minor gravel
SRSS025	368010	5378797	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Poor/Fair	Trickle	0.5	1-5	UM gravels & sand
SRSS026	368001	5378481	AMG55 AGD66	GPS Garmin12XL	5	Rock Bar	Poor	No Flow	0.5	0	UM gravels & Laterite
SRSS027	366865	5379436	AMG55 AGD66	GPS Garmin12XL	4	Lag Deposit	Fair	Trickle	1	1-5	UM gravels & silts
SRSS028	368489	5378508	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	Moderate	1	10-30	Sed sand & gravel
SRSS029	368224	5377909	AMG55 AGD66	GPS Garmin12XL	5	Lag/Rock Bar	Good	Gentle	1	5-10	UM gravels & Laterite
SRSS030	365860	5382428	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Good	Moderate	2	10-20	Sed gravels & sand
SRSS031	365860	5382428	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Good	Moderate	2	10-20	Sed gravels & sand
SRSS032	365737	5382540	AMG55 AGD66	GPS Garmin12XL	22	Lag Deposit	Good	Moderate	3	5-10	Sed gravels & sand
SRSS033	365544	5380914	AMG55 AGD66	GPS Garmin12XL	8	Lag/Rock Bar	Fair	Gentle	1	5-10	UM gravels
SRSS034	365538	5380925	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair/Poor	Trickle	0.5	2-3	UM gravels & sand
SRSS035	365332	5380731	AMG55 AGD66	GPS Garmin12XL	4	Lag/Gutter	Fair/Good	Gentle	1	5-10	UM sands & Gravels
SRSS036	365375	5380702	AMG55 AGD66	GPS Garmin12XL	4	Lag/Rock Bar	Good	Gentle	1-2	5-20	UM gravels & sand
SRSS037	365451	5380757	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Gentle	0.5-1	1-3	UM gravels
SRSS038	365440	5380767	AMG55 AGD66	GPS Garmin12XL	5	Lag/Rock Bar	Fair	Moderate	2	5-30	UM gravels
SRSS039	365261	5380497	AMG55 AGD66	GPS Garmin12XL	6	Lag/Rock Bar	Fair	Moderate	2-3	5-10	UM gravels & sand
SRSS040	367735	5377126	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Trickle	0.5-1	5	UM gravels & Laterite
SRSS041	367632	5377194	AMG55 AGD66	GPS Garmin12XL	5	Lag/Gutter	Fair	Gentle	1-2	5-10	UM gravels & sand
SRSS042	367263	5377026	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	No Flow	NA	NA	Laterite gravels
SRSS043	366949	5376817	AMG55 AGD66	GPS Garmin12XL	10	Lag/Rock Bar	Good	Strong	1-2	5-20	UM gravels & sand
SRSS044	367614	5376547	AMG55 AGD66	GPS Garmin12XL	7	Lag/Rock Bar	Good	Gentle	0.5-1	5-10	UM gravels
SRSS045	367607	5376507	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Good	Moderate	1-2	5-10	UM gravels
SRSS046	367420	5376484	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Good	Moderate	1-2	5-10	UM gravels & sand
SRSS047	367406	5376511	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Trickle	0.5-1	2-5	UM/Sed gravels & sand
SRSS048	367373	5376290	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Good	Strong	4	10-30	UM/Sed gravels & sand
SRSS049	367356	5376363	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Good	Moderate	1-2	5-20	Sed gravels

Appendix C: Panned stream sediment sample details and assays

Sample	mE_AMG55	mN_AMG55	Grid	Survey_method	Survey_accuracy	Trap_type	Trap_rating	Stream_flow	Stream width (m)	Stream depth (cm)	Bulk_lith
SRSS050	367356	5376363	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Good	Moderate	1-2	5-20	Sed gravels
SRSS051	366897	5376576	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Fair	Strong	4-5	10-30	Sed/Laterite gravels & sand
SRSS052	366886	5376612	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Good	Moderate	1	5-20	Sed/Laterite gravels & sand
SRSS053	366803	5376410	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Good	Strong	1-2	20-40	Sed/Laterite gravels & sand
SRSS054	366771	5376403	AMG55 AGD66	GPS Garmin12XL	12	Lag Deposit	Fair	Trickle	0.5-1	5	Sed gravels, sand & cobbles
SRSS055	368486	5375953	AMG55 AGD66	GPS Garmin12XL	8	Lag/Gutter	Fair	Gentle	0.5-1	5	Glacial gravels/Cobbles & Laterite
SRSS056	367943	5376565	AMG55 AGD66	GPS Garmin12XL	6	Lag/Rock Bar	Good	Moderate	1	5-10	UM gravels & Laterite
SRSS057	368926	5376705	AMG55 AGD66	GPS Garmin12XL	7	Lag/Rock Bar	Fair	Gentle	1-2	5	UM gravels & Cobbles
SRSS058	368937	5376688	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Fair	Trickle	0.5	1-2	UM gravels
SRSS059	368685	5376490	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Fair	Moderate	1	5-20	UM gravels & Laterite
SRSS060	367827	5376022	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Moderate	1	5-10	UM gravels & Laterite
SRSS061	367815	5376013	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Moderate	2	10-20	Glacial Gravels/Cobbles & Sands
SRSS062	368994	5375703	AMG55 AGD66	GPS Garmin12XL	4	Lag Deposit	Good	Gentle	0.5	1-5	Quartz Gravels & Sand
SRSS063	368922	5375647	AMG55 AGD66	GPS Garmin12XL	4	Lag Deposit	Good	Gentle	1	5	Quartz Gravels & Sand
SRSS064	368159	5375728	AMG55 AGD66	GPS Garmin12XL	4	Lag/Rock Bar	Good	Gentle	1-2	5	Glacial quartz/sed Gravels & sands
SRSS065	368159	5375728	AMG55 AGD66	GPS Garmin12XL	4	Lag/Rock Bar	Good	Gentle	1-2	5	Glacial quartz/sed Gravels & sands
SRSS066	368331	5376105	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Fair/Good	Gentle	1-2	5-10	UM gravels & Laterite
SRSS067	367215	5377375	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	Gentle	1	5	UM gravels & sand
SRSS068	367288	5377503	AMG55 AGD66	GPS Garmin12XL	5	Lag Deposit	Fair	Trickle	1-2	1-3	UM gravels & sand
SRSS069	367309	5377479	AMG55 AGD66	GPS Garmin12XL	6	Lag/Rock Bar	Fair	Gentle	1	1-5	UM gravels & sand
SRSS070	365358	5378885	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Gentle	0.5	1-5	Sed gravels & sand
SRSS071	365398	5378871	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair/Good	Moderate	1-2	5-20	Sed gravels, cobbles & sand
SRSS072	368467	5374442	AMG55 AGD66	GPS Garmin12XL	11	Lag Deposit	Good	Strong	1	10-30	Glacial quartz/sed Gravels & sands
SRSS073	369736	5375438	AMG55 AGD66	GPS Garmin12XL	12	Lag/Rock Bar	Good	Strong	3-5	10-60	Sed gravels & sand
SRSS074	369794	5375448	AMG55 AGD66	GPS Garmin12XL	13	Lag/Rock Bar	Fair	Strong	2-5	5-30	Sed gravels & sand
SRSS075	369652	5375059	AMG55 AGD66	GPS Garmin12XL	12	Lag Deposit	Fair	Strong	3-5	20-60	Sed gravels, cobbles & sand
SRSS076	371130	5375565	AMG55 AGD66	GPS Garmin12XL	NA	Lag Deposit	Fair	Moderate	2-5	5-60	Sed gravels & sand
SRSS077	371156	5375337	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Fair	Strong	3-5	10-60	Sed gravels & sand
SRSS078	371336	5374925	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Poor	Gentle	1-2	5-10	UM gravels & sand
SRSS079	370355	5375323	AMG55 AGD66	GPS Garmin12XL	NA	Lag Deposit	Fair/Poor	Moderate	1-3	5-20	UM gravels & sand
SRSS080	370695	5375433	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Fair/Poor	Moderate	1-2	5-10	UM gravels
SRSS081	370550	5375070	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Gentle	1-2	5-10	Sed gravels & sand
SRSS082	368810	5374479	AMG55 AGD66	GPS Garmin12XL	NA	Lag Deposit	Fair	Gentle	1	5-10	Sed gravels & sand
SRSS083	371111	5374248	AMG55 AGD66	GPS Garmin12XL	NA	Lag/Rock Bar	Fair	Gentle	1-2	5-20	Sed gravels, cobbles & sand
SRSS084	365967	5377849	AMG55 AGD66	GPS Garmin12XL	8	Lag/Rock Bar	Fair	Gentle	1-2	5	Sed gravels, cobbles & sand
SRSS085	365945	5377884	AMG55 AGD66	GPS Garmin12XL	11	Lag Deposit	Fair	Gentle	1	5	Sed gravels & sand
SRSS086	365917	5377809	AMG55 AGD66	GPS Garmin12XL	10	Lag/Rock Bar	Fair	Gentle	1-2	5-10	Sed gravels & sand
SRSS087	365925	5377748	AMG55 AGD66	GPS Garmin12XL	13	Lag Deposit	Fair	Moderate	3	10	Sed gravels, cobbles & sand
SRSS088	365925	5377748	AMG55 AGD66	GPS Garmin12XL	13	Lag Deposit	Fair	Moderate	3	10	Sed gravels, cobbles & sand
SRSS089	365755	5377837	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair/Good	Strong	2	10-80	Sed gravels & sand
SRSS090	365830	5378682	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Fair/Poor	Moderate	1-2	5-20	Sed gravels
SRSS091	365803	5378677	AMG55 AGD66	GPS Garmin12XL	NA	Lag/Gutter	Fair	Trickle	0.5	1-5	Sed gravels & silt
SRSS092	365753	5378788	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Gentle	1	1-5	Sed gravels, cobbles & Laterite
SRSS093	365758	5378765	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair/Poor	Strong	2-3	10-30	Sed gravels & sand

Appendix C: Panned stream sediment sample details and assays

Sample	mE_AMG55	mN_AMG55	Grid	Survey_method	Survey_accuracy	Trap_type	Trap_rating	Stream_flow	Stream width (m)	Stream depth (cm)	Bulk_lith
SRSS094	365498	5378202	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Trickle	1	5	Sed gravels & silt
SRSS095	364785	5380142	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Fair	Gentle	0.5-1	5-10	Sed gravels & silt
SRSS096	364781	5380165	AMG55 AGD66	GPS Garmin12XL	13	Lag Deposit	Fair	Gentle	1-2	10	Sed gravels, cobbles & sand
SRSS097	364937	5379872	AMG55 AGD66	GPS Garmin12XL	25	Lag Deposit	Fair	Gentle	1	5-10	Sed gravels
SRSS098	365008	5379697	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Good	Moderate	1-2	5-10	Sed/UM gravels & Laterite
SRSS099	364985	5379719	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Poor	Moderate	1-2	10-30	Sed gravels & Cobbles
SRSS100	365645	5379474	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Trickle	0.5	5	Sed gravels & silt
SRSS101	365670	5379464	AMG55 AGD66	GPS Garmin12XL	15	Lag/Rock Bar	Good	Moderate	1-2	5-10	Sed/UM gravels & Laterite
SRSS102	365670	5379464	AMG55 AGD66	GPS Garmin12XL	15	Lag/Rock Bar	Good	Moderate	1-2	5-10	Sed/UM gravels & Laterite
SRSS103	365630	5379449	AMG55 AGD66	GPS Garmin12XL	10	Lag Deposit	Good	Gentle	1-2	5-10	Sed/UM gravels & cobbles
SRSS104	365247	5379702	AMG55 AGD66	GPS Garmin12XL	NA	Lag Deposit	Fair	Gentle	2	5-20	Sed gravels, sand & silt
SRSS105	366121	5378392	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair/Good	Gentle	1-2	5-10	UM gravels & cobbles
SRSS106	366097	5378539	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Good	Gentle	1	5-10	UM gravels & laterite
SRSS107	365591	5377364	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Fair	Trickle	0.5	1-5	Sed gravels & silt
SRSS108	364920	5377204	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Fair	Gentle	0.5	1-5	Sed gravels & sand
SRSS109	366474	5377386	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Good	Gentle	1-2	5-20	UM gravels & laterite
SRSS110	366415	5377324	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Fair	Gentle	0.5	5-10	Sed gravels & sand
SRSS111	365802	5377546	AMG55 AGD66	GPS Garmin12XL	20	Lag Deposit	Fair	Gentle	1-2	5-20	Sed gravels, cobbles & sand
SRSS112	365776	5377491	AMG55 AGD66	GPS Garmin12XL	NA	Lag Deposit	Fair	Trickle	0.5	1-5	Sed gravels & sand
SRSS113	366373	5377646	AMG55 AGD66	GPS Garmin12XL	9	Lag/Rock Bar	Fair	Moderate	1-2	10-40	Sed cobble, gravel & qz
SRSS114	366235	5376336	AMG55 AGD66	GPS Garmin12XL	10	Lag/Rock Bar	Good	Strong	2-4	20-60	Laterite gravels
SRSS115	366151	5376427	AMG55 AGD66	GPS Garmin12XL	30	Lag/Rock Bar	Fair	Gentle	1	5-10	Sed gravels, sand & qz
SRSS116	366965	5375331	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Gentle	1	5-10	Sed gravels, cobbles & sand
SRSS117	365668	5376341	AMG55 AGD66	GPS Garmin12XL	14	Lag Deposit	Poor	Trickle	1-2	1-2	Sed gravels, sand & qz
SRSS118	368753	5378326	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Poor	Strong	1-2	10-30	Quartz Sand and Gravel
SRSS119	364029	5382311	AMG55 AGD66	GPS Garmin12XL	7	Lag Deposit	Good	Strong	1-2	5-20	UM gravels, cobbles & sand
SRSS120	364432	5381137	AMG55 AGD66	GPS Garmin12XL	10	Lag/Rock Bar	Fair	Moderate	1	10-30	UM gravels & sand
SRSS121	367901	5379335	AMG55 AGD66	GPS Garmin12XL	8	Lag Deposit	Fair	Moderate	2-5	5-40	Sed gravels & sand
SRSS122	368016	5379404	AMG55 AGD66	GPS Garmin12XL	9	Lag Deposit	Fair	Moderate	2-3	60	Sed gravels & sand
SRSS123	365490	5380744	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Fair	Gentle	1-2	1-5	UM gravels
SRSS124	365293	5380591	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Poor	Trickle	1-2	1-2	UM gravels & silts
SRSS125	365412	5380698	AMG55 AGD66	GPS Garmin12XL	6	Lag Deposit	Poor	Trickle	3-4	1-2	UM gravels & silts
SRSS126	370305	5377810	AMG55 AGD66	GPS Geko201	28	lag deposit	good	gentle	0.3	5	UM gravel, abundant quartz
SRSS127	370068	5377835	AMG55 AGD66	GPS Geko201	9	lag deposit	good	gentle	0.3	5	quartz gravel
SRSS128	370064	5377854	AMG55 AGD66	GPS Geko201	5	lag deposit	good	gentle	0.2	5	quartz chromite gravel
SRSS129	363684	5382949	AMG55 AGD66	GPS Geko201	9	lag deposit	good	strong	5	20	UM gravel
SRSS130	371700	5383313	AMG55 AGD66	GPS Geko201	17	lag deposit	good	trickle	0.3	5	volcanic gravel minor UM
SRSS131	361216	5387453	AMG55 AGD66	GPS Geko201	10	boulder trap	good	moderate	1	20	granitic sand
SRSS132	361218	5387451	AMG55 AGD66	GPS Geko201	28	lag deposit	poor	moderate	2	15	granitic sand
SRSS133	362771	5387978	AMG55 AGD66	GPS Geko201	10	boulder trap	average	moderate	1	10	quartz, UM gravel
SRSS134	361307	5387351	AMG55 AGD66	GPS Geko201	6	lag deposit	good	moderate	2	10	quartz, UM gravel
SRSS135	361320	5387363	AMG55 AGD66	GPS Geko201	6	lag deposit	average	strong	4	20	quartz, UM sand
SRSS136	372633	5382754	AMG55 AGD66	GPS Geko201	7	lag deposit		trickle	0.1	2	mudddy volcanic gravel minor UM
SRSS137	361643	5387647	AMG55 AGD66	GPS Geko201	11	lag deposit	poor	strong	4	20	granitic sand
SRSS138	362374	5388009	AMG55 AGD66	GPS Geko201	8	pool trap	good	trickle	0.3	5	UM gravel
SRSS139	362362	5388006	AMG55 AGD66	GPS Geko201	9	bolder trap	good	trickle	0.3	5	UM gravel
SRSS140	362655	5388037	AMG55 AGD66	GPS Geko201	13	pool trap	good	trickle	0.3	5	granitic and UM sand
SRSS141	362726	5387995	AMG55 AGD66	GPS Geko201	12	log trap	poor	moderate	1	10	quartz, UM gravel
SRSS142	362737	5387984	AMG55 AGD66	GPS Geko201	10	pool trap	average	trickle	0.1	5	grey UM gravel
SRSS143	362987	5387815	AMG55 AGD66	GPS Geko201	8	lag deposit	good	moderate	1	5	UM gravel
SRSS144	362931	5387947	AMG55 AGD66	GPS Geko201	5	boulder trap	poor	strong	5	40	granitic sand
SRSS145	362988	5388142	AMG55 AGD66	GPS Geko201	10	hole in serpentinite base	good	strong	5	20	granitic sand

Appendix C: Panned stream sediment sample details and assays

Sample	mE_AMG55	mN_AMG55	Grid	Survey_method	Survey_accuracy	Trap_type	Trap_rating	Stream_flow	Stream width (m)	Stream depth (cm)	Bulk_lith
SRSS146	362984	5388120	AMG55 AGD66	GPS Geko201	19	pool trap	average	trickle	0.2	5	quartz, UM sand
SRSS147	372615	5382754	AMG55 AGD66	GPS Geko201	10	lag deposit	average	trickle	0.2	2	mudddy volcanic gravel minor UM
SRSS148	363064	5387743	AMG55 AGD66	GPS Geko201	6	lag deposit	average	trickle	0.3	8	quartz rich gravel
SRSS149	363299	5387735	AMG55 AGD66	GPS Geko201	10	boulder trap	excellent	trickle	0.5	5	muddy UM sediment
SRSS150	363423	5387666	AMG55 AGD66	GPS Geko201	NA	pool trap	excellent	gentle	0.4	5	UM and granitic muddy sediment
SRSS151	363467	5387614	AMG55 AGD66	1-25k topo map	NA	lag deposit	poor	strong	5	25	quartz rich UM gravel
SRSS152	363482	5387635	AMG55 AGD66	1-25k topo map	NA	pool trap	good	trickle	0.5	2	grey UM muddy sediment
SRSS153	372103	5382793	AMG55 AGD66	GPS Geko201	10	lag deposit	average	trickle	0.1	1	muddy volcanic sediment
SRSS154	362907	5387546	AMG55 AGD66	GPS Geko201	8	pool trap	average	trickle	0.5	5	UM gravel
SRSS155	372505	5383626	AMG55 AGD66	GPS Geko201	5	lag deposit	poor	trickle	0.4	5	clay, minor volcanic component
SRSS156	363560	5387351	AMG55 AGD66	GPS Geko201	12	boulder trap	excellent	trickle	0.1	5	muddy UM sediment
SRSS157	363548	5387380	AMG55 AGD66	GPS Geko201	NA	lag deposit	good	moderate	5	20	quartz rich UM gravel
SRSS158	364546	5387353	AMG55 AGD66	GPS Geko201	11	lag deposit	good	moderate	0.3	5	granite/marble gravel
SRSS159	364721	5387534	AMG55 AGD66	GPS Geko201	14	lag deposit	poor	trickle	0.5	1	granitic sand
SRSS160	363254	5387730	AMG55 AGD66	1-25k topo map	NA	boulder trap	average	strong	5	40	granitic sand
SRSS161	364418	5387410	AMG55 AGD66	GPS Geko201	9	lag deposit	average	dry	0	0	muddy granite sediment
SRSS162	364608	5387334	AMG55 AGD66	GPS Geko201	6	lag deposit	average	moderate	0.5	4	granite/marble gravel
SRSS163	364211	5387198	AMG55 AGD66	GPS Geko201	14	boulder trap	good	strong	2	15	UM granite gravel
SRSS164	364146	5387052	AMG55 AGD66	GPS Geko201	13	boulder trap	good	strong	2	15	marble/granite sand
SRSS165	363223	5384321	AMG55 AGD66	GPS Geko201	5	boulder trap	excellent	strong	5	30	UM and granite gravel
SRSS166	364182	5386808	AMG55 AGD66	1-25k topo map	NA	boulder trap	good	strong	4	5	UM/granite gravel
SRSS167	364185	5386796	AMG55 AGD66	GPS Geko201	6	lag deposit	good	trickle	0.4	5	UM/qz gravel
SRSS168	371670	5384000	AMG55 AGD66	Topographic map 25k	NA	lag deposit	average	moderate	0.4	5	mixed gravel
SRSS169	372164	5383950	AMG55 AGD66	GPS Geko201	14	boulder trap	good	strong	4	20	mixed gravel
SRSS170	364225	5386765	AMG55 AGD66	GPS Geko201	16	boulder trap	good	strong	4	10	UM/granite gravel
SRSS171	364229	5386768	AMG55 AGD66	GPS Geko201	13	lag deposit	poor	trickle	0.3	1	muddy marble sand
SRSS172	364415	5386692	AMG55 AGD66	GPS Geko201	8	boulder trap	good	strong	4	20	UM/qz with some marble chips
SRSS173	371850	5382024	AMG55 AGD66	GPS Geko201	15	lag deposit	good	trickle	0.4	5	UM gravel
SRSS174	372188	5381768	AMG55 AGD66	GPS Geko201	5	lag deposit	excellent	trickle	0.2	5	UM with very high chromite
SRSS175	369176	5377403	AMG55 AGD66	GPS Geko201	6	bulk gravel	N/A	N/A	0	0	quartzite, vein quartz, Owen Conglomerate
SRSS176	372270	5381560	AMG55 AGD66	Topographic map 25k	NA	pool trap	good	trickle	0.2	1	UM gravel
SRSS177	371738	5381954	AMG55 AGD66	GPS Geko201	7	lag deposit	average	trickle	20	1	clay mixed gravel
SRSS178	362595	5386216	AMG55 AGD66	GPS Geko201	10	lag deposit	good	trickle	0.2	2	lateritic sand
SRSS179	362609	5386206	AMG55 AGD66	GPS Geko201	6	lag deposit	good	trickle	0.5	2	lateritic sand
SRSS180	372642	5381303	AMG55 AGD66	GPS Geko201	10	lag deposit	poor	dry	0	0	muddy UM sediment
SRSS181	361905	5386138	AMG55 AGD66	GPS Geko201	5	lag deposit	good	trickle	0.2	5	clayey UM sediment
SRSS182	362021	5386034	AMG55 AGD66	GPS Geko201	5	lag deposit	excellent	trickle	0.3	5	clayey UM sediment
SRSS183	361093	5386641	AMG55 AGD66	GPS Geko201	10	lag deposit at bottom of	excellent	moderate	1	10	quartz, UM sand
SRSS184	361108	5386603	AMG55 AGD66	GPS Geko201	10	boulder/pool trap	excellent	moderate	1	15	quartz,UM sand
SRSS185	361297	5386512	AMG55 AGD66	GPS Geko201	5	boulder trap	excellent	moderate	1.5	15	quartz, UM sand
SRSS186	361660	5387610	AMG55 AGD66	GPS Geko201	8	boulder trap	poor	trickle	0.2	5	quartz, UM sand
SRSS187	361341	5386673	AMG55 AGD66	GPS Geko201	11	overlap in serp base	excellent	strong	5	20	quartz, UM sand
SRSS188	361423	5386373	AMG55 AGD66	GPS Geko201	6	lag deposit	good	trickle	0.05	5	clay, soil with high chromite
SRSS189	361315	5386835	AMG55 AGD66	GPS Geko201	5	boulder trap	good	strong	5	10	quartz,UM sand
SRSS190	361979	5387140	AMG55 AGD66	GPS Geko201	6	pool trap	good	trickle	0.2	5	lateritic sand
SRSS192	362637	5386779	AMG55 AGD66	GPS Geko201	12	lag deposit	average	trickle	0.3	5	lateritic gravel
SRSS192	372698	5381400	AMG55 AGD66	GPS Geko201	7	lag deposit	good	trickle	0.2	1	UM gravel
SRSS193	362319	5385500	AMG55 AGD66	GPS Geko201	5	lag deposit	good	moderate	0.5	10	UM/qz gravel
SRSS194	362040	5385794	AMG55 AGD66	GPS Geko201	5	lag deposit	good	trickle	0.15	1	soil/UM sand
SRSS195	361972	5385891	AMG55 AGD66	GPS Geko201	11	lag deposit	excellent	trickle	1.5	15	UM gravel

Appendix C: Panned stream sediment sample details and assays

Sample	mE_AMG55	mN_AMG55	Grid	Survey_method	Survey_accuracy	Trap_type	Trap_rating	Stream_flow	Stream width (m)	Stream depth (cm)	Bulk_lith
SRSS196	362390	5385417	AMG55 AGD66	GPS Geko201	6	lag deposit	average	trickle	0.2	2	clayey UM sediment
SRSS197	371297	5383216	AMG55 AGD66	GPS Geko201	10	lag deposit	excellent	trickle	0.2	1	fibrous UM material
SRSS198	371267	5383165	AMG55 AGD66	GPS Geko201	10	lag deposit	good	trickle	0.3	3	fibrous UM material
SRSS199	364408	5382866	AMG55 AGD66	GPS Geko201	5	lag deposit	good	trickle	0.4	10	black sand occasional quartz,red clay
SRSS200	371258	5383142	AMG55 AGD66	GPS Geko201	10	lag deposit	good	strong	4	30	mixed gravel
SRSS201	371485	5383175	AMG55 AGD66	GPS Geko201	5	lag deposit	good	moderate	0.2	2	UM and volcanic gravel
SRSS202	371693	5383354	AMG55 AGD66	GPS Geko201	NA	boulder trap	good	moderate	3	5	mixed volcanic gravel
SRSS203	362573	5385056	AMG55 AGD66	GPS Geko201	6	lag deposit	excellent	trickle	0.3	2	chromite with minor UM/qz sand
SRSS204	362613	5385532	AMG55 AGD66	GPS Geko201	10	lag deposit	average	trickle	0.2	1	UM sand
SRSS205	362642	5385443	AMG55 AGD66	GPS Geko201	6	lag deposit	good	moderate	1.5	15	lateritic sand
SRSS206	362708	5385613	AMG55 AGD66	GPS Geko201	10	lag deposit	good	moderate	1	5	lateritic sand
SRSS207	362715	5385616	AMG55 AGD66	GPS Geko201	5	lag deposit	good	trickle	0.3	2	lateritic sand
SRSS208	362983	5384536	AMG55 AGD66	GPS Geko201	11	boulder trap	excellent	strong	5	30	UM and granite gravel
SRSS209	371450	5383160	AMG55 AGD66	Topographic map 25k	NA	lag deposit	poor	strong	4	20	mixed gravel
SRSS210	363230	5384324	AMG55 AGD66	GPS Geko201	5	lag deposit	poor	dry	0	0	soil/qz and chromite rich sand
SRSS211	362969	5383754	AMG55 AGD66	1-25k topo map	NA	pool trap	good	trickle	0.2	2	muddy UM and volcanic sediment
SRSS212	363017	5383769	AMG55 AGD66	1-25k topo map	NA	hole in volcanic base	excellent	strong	3	30	quartz and UM gravel
SRSS213	363062	5383420	AMG55 AGD66	GPS Geko201	10	boulder trap	excellent	strong	5	20	quartz and UM gravel
SRSS214	362958	5383445	AMG55 AGD66	1-25k topo map	NA	lag deposit	poor	moderate	1	5	volcanic gravel
SRSS215	363796	5382938	AMG55 AGD66	GPS Geko201	12	boulder trap	average	strong	5	40	UM & volcanogenic gravel
SRSS216	364163	5384263	AMG55 AGD66	1-25k topo map	NA	boulder trap	average	dry	0	0	soil and UM gravel
SRSS217	371240	5383192	AMG55 AGD66	GPS Geko201	10	lag deposit	good	trickle	0.02	1	fibrous UM material
SRSS218	364110	5382810	AMG55 AGD66	GPS Geko201	15	lag deposit	average	strong	5	40	UM, quartz gravel
SRSS219	371764	5383591	AMG55 AGD66	GPS Geko201	7	boulder trap	good	moderate	3	5	mixed volcanic gravel
SRSS220	364140	5382660	AMG55 AGD66	GPS Geko201	6	lag deposit	average	strong	10	25	UM, quartz gravel
SRSS221	364207	5384337	AMG55 AGD66	GPS Geko201	5	log trap	excellent	moderate	2	5	UM sand
SRSS222	371876	5382024	AMG55 AGD66	GPS Geko201	10	lag deposit	good	trickle	0.05	1	clayey UM sediment
SRSS223	372251	5381567	AMG55 AGD66	GPS Geko201	7	lag deposit	good	trickle	0.4	2	UM gravel
SRSS224	371830	5381850	AMG55 AGD66	GPS Geko201	NA	lag deposit	average	trickle	0.2	2	clayey UM sediment
SRSS225	372148	5383929	AMG55 AGD66	GPS Geko201	20	pool trap	excellent	trickle	0.05	1	muddy volcanic sediment
SRSS227	371748	5383736	AMG55 AGD66	GPS Geko201	9	lag deposit	excellent	moderate	0.4	6	mixed gravel
SRSS228	371630	5384000	AMG55 AGD66	Topographic map 25k	NA	lag deposit	good	dry	0	0	siltstone chips
SRSS229	372043	5383848	AMG55 AGD66	GPS Geko201	10	lag deposit	average	strong	4	20	mixed gravel
SRSS230	370085	5379856	AMG55 AGD66	GPS Geko201	NA	lag deposit	excellent	moderate	0.4	5	qz chromite gravel
SRSS231	370101	5379856	AMG55 AGD66	GPS Geko201	10	lag deposit	excellent	moderate	0.4	5	qz chromite gravel
SRSS232	370101	5379856	AMG55 AGD66	GPS Geko201	10	lag deposit	excellent	moderate	0.4	5	qz chromite gravel
SRSS233	369779	5379443	AMG55 AGD66	GPS Geko201	15	boulder trap	good	moderate	2	10	qt gravel
SRSS234	370213	5376400	AMG55 AGD66	GPS Geko201	8	lag deposit	excellent	trickle	0.1	2	quartzite, vein quartz, Owen Conglomerate
SRSS235	364073	5385030	AMG55 AGD66	GPS Geko201	10	lag deposit	excellent	gentle	0.3	10	UM gravel
SRSS236	363770	5385043	AMG55 AGD66	GPS Geko201	13	boulder trap	good	trickle	0.1	5	UM gravel
SRSS237	363640	5386740	AMG55 AGD66	GPS Geko201	5	boulder trap	good	trickle	0.2	3	UM gravel
SRSS238	372376	5383677	AMG55 AGD66	GPS Geko201	15	lag deposit	average	gentle	0.2	5	clay, volcanic gravel
SRSS239	372220	5383960	AMG55 AGD66	Topographic map 25k	NA	lag deposit	poor	gentle	0.2	5	clay, volcanic gravel

Appendix C: Panned stream sediment sample details and assays

Sample	Description	No_pans	Panned_composition%	Weight_kg	Sampled_by	Date_sampled
SRSS001	Ck bend lag deposit and trap behind boulder. On UM O/C. fer UM gravels and sands <3cm	9	HM50, UM50	0.8	AHR, DPT	7/04/2004
SRSS002	Duplicate of SRSS 001	9	HM50, UM50	0.66	AHR, DPT	7/04/2004
SRSS003	Ck bend lag deposit in narrow stream. fer UM cobbles, gravels and sands	3	HM50, UM50	0.84	AHR, DPT	7/04/2004
SRSS004	Ck bend in broad stream with lag deposit and rocky trap. Coarse UM cobble and gravels	4	HM60, UM40	0.9	AHR, DPT	7/04/2004
SRSS005	two 30cm deep midstream gutter traps behind small island. Um gravels and sands with a few cobbles	3	HM70, UM30	1	AHR, DPT	7/04/2004
SRSS006	Main drainage of 3? Channels. Vfg WH sand (qtz) visible. Sed & UM gravels	4	HM50, sand40, UM10	0.95	AHR, DPT	8/04/2004
SRSS007	Main channel before disappearing into marshy junction. UM O/C bed. Fer UM gravels and sands in two 20cm deep gutter traps	4	HM70, UM30	0.95	AHR, DPT	8/04/2004
SRSS008	5m x 60m long flat UM O/C with 1m wide flow over it. Gravel Lag and small gutter traps. 50m upstream of unmapped ck junction from the East	5	HM60, UM40	0.63	AHR, DPT	8/04/2004
SRSS009	Lag deposits and Gutter traps on Ck bend and rocky bar. UM O/C, Ck bed 3m wide	4	HM70, UM30	0.65	AHR, DPT	10/04/2004
SRSS010	Broad 5 x 20m flat hardpan/UM O/C. Lag and gutter in Ck bend. 30m upstream from junction. Visible chromite in stream	1.5	HM80, UM20	0.77	AHR, DPT	10/04/2004
SRSS011	Lag and Gutter traps on UM O/C in 5m wide flat valley floor. Visible chromite in Ck	2	HM80, UM20	0.89	AHR, DPT	10/04/2004
SRSS012	Lag deposit on UM o/C in 8m wide valey floor. Minor visible chromite in Ck	2	HM90, UM10	1.05	AHR, DPT	10/04/2004
SRSS013	Gravel lag and some cobbles on Rocky bar 30 m up from junction, visible chromite in Ck	1	HM95, UM5	1.08	AHR, DPT	10/04/2004
SRSS014	Duplicate of SRSS 013	1	HM95, UM5	0.75	AHR, DPT	10/04/2004
SRSS015	Rock bars in broad flowing Ck, pools and Lag (Sediments). 30m upstream from Acid Drainage CK (from the Sth) rotten egg smell. Possible Contamination of sample by Chromite rich conglomerate sediment (SRG 004)	7	HM60, sand30, Lat10	0.95	AHR, DPT	11/04/2004
SRSS016	1m deep gully at mouth, small rocky bar traps and lag of talcose lt GN UM, Vfg chromite	8	HM70, UM10, Lat20	0.74	AHR, DPT	11/04/2004
SRSS017	Broad braided stream system, Peso laterite & UM gravel lag in Ck bend. Vfg chromite	7	HM80, UM20	0.58	AHR, DPT	11/04/2004
SRSS018	10m wide flat hard pan and UM O/C with Lag and small gutters. Visible chromite	4	HM85, UM15	0.62	AHR, DPT	12/04/2004
SRSS019	Ck Bend Lag deposit 15 m upstream from junction	3	HM95, UM5	0.78	AHR, DPT	12/04/2004
SRSS020	Rock bar with Ck bend lag deposits (gravel and UM sand) in 1m wide gully	2	HM95, UM5	0.88	AHR, DPT	12/04/2004
SRSS021	5m wide flat hardpan and UM O/C, 4m wide x 8m long pool (30cm). Numerous deep gravel & silt filled holes (30cm)	2	HM90, UM10	0.99	AHR, DPT	12/04/2004
SRSS022	15m up from Wilson River junction. Lag deposits and woody debris(fallen logs) traps. Abundant fine white sand	7	HM75, sand20, UM5	0.98	AHR, DPT	12/04/2004
SRSS023	15m up from Wilson River junction. Lag deposits and woody debris(fallen logs) traps. Rounded pebbles	7	HM70, sand20, chips10	0.78	AHR, DPT	13/04/2004
SRSS024	2m wide x1m deep meandering creek gully. Lag dep on inside bend, mostly fine WH sand	2	HM90, sand10	0.9	AHR, DPT	13/04/2004
SRSS025	<1m wide gully some 50cm deep pools. No outcrop	4	HM70, UM20, Lat10	0.92	AHR, DPT	15/04/2004
SRSS026	10 m above road in 50cm wide x 30cm deep gully. Some lateritic soil shedddding into creek	8	HM60, Lat 30, UM10	0.67	AHR, DPT	15/04/2004
SRSS027	Stream above the Pieman Rd , some UM fill used in the road embankment (local)	10	HM80, UM20	0.64	AHR, DPT	15/04/2004
SRSS028	1m wide pool amongst large fallen timber, creating traps. HM is Vfg. 20m south of the HEC powerline track	12	HM70, Sed sand & chip30	0.5	AHR, DPT	15/04/2004
SRSS029	small rivulet in 1m wide 50cm deep gully. UM O/c and rocky bars with gutters and Lag deposits	4	HM60, Lat40	0.88	AHR, DPT	15/04/2004
SRSS030	Main Creek below mouth of underground cave waterway (Karst). Flagged as old Sample site?? Visible HM	1	HM95, sand5	0.8	AHR, DPT	16/04/2004
SRSS031	Duplicate of SRSS 030	1	HM95, sand5	1	AHR, DPT	16/04/2004
SRSS032	Gravel Lag Bar with woody debris traps in creek bend, visible HM	1	HM80, sand20	0.98	AHR, DPT	16/04/2004
SRSS033	2m wide x 30cm deep gully with UM O/C bed. Lag deposit in creek bend. Mg/cg laterite chips and visible HM	1.5	HM85, UM15	0.92	AHR, DPT	17/04/2004
SRSS034	15m from junction, no real flow in 1m wide x 30cm deep gully. No O/C	4.5	HM95, Lat5	1	AHR, DPT	17/04/2004
SRSS035	Sample taken in true stream, above laterite lag plain with numerous braided channels. Visible HM	5	HM90, UM10	0.74	AHR, DPT	17/04/2004
SRSS036	Lag deposit in creek bend with rocky bar above an island junction. Visible HM	1.5	HM95, UM5	1	AHR, DPT	17/04/2004
SRSS037	Small unmarked stream(trend 260 degrees mag), sample 15m from junction. Visible HM	3	HM85, UM15	0.9	AHR, DPT	17/04/2004
SRSS038	Main Creek 15m above SRSS 037 junction. In creek bend with rock bar. Visible HM	2	HM90, UM10	0.85	AHR, DPT	17/04/2004
SRSS039	3m wide x 40cm gully. Lag deposit in creek bend with Rocky Bar. UM O/C. visible HM	2	HM80, sand20	0.8	AHR, DPT	18/04/2004
SRSS040	Callina Area, 150m from junction as creek is poorly defined overland flow below this point. Rocky bar UM 1-2cm cleaved sandy slabs	4	HM55, sand40, lat5	0.83	AHR, DPT	18/04/2004
SRSS041	UM O/C and rocky bar with gutters and lag deposits. Minor visible HM	4	HM60, sand40, Lat(tr)	1	AHR, DPT	18/04/2004
SRSS042	No Flow (weird as river is flowing strongly 200-300m upstream) In 2m wide x 1m deep gully, lateritic gravels V high SG	2	HM60, 40Laterite	0.94	AHR, DPT	24/04/2004
SRSS043	Lag deposit below 10cm waterfall over log. Partly dammed 1m downstream then 1m fall. Seds O/C in stream bed. HM Vfg	4.5	HM60, sand30, Lat10	0.9	AHR, DPT	24/04/2004
SRSS044	Rocky bar with lag on UM O/C below 1m waterfall. Creek above is braided trrough a marshland. Vfg laterite in sample	4	HM50, sand40, Lat10	0.98	AHR, DPT	24/04/2004
SRSS045	2m wide x 50cm deep gully with rocky UM bed. Sample in creek bend UM O/C	1	HM80, Lat20	1.02	AHR, DPT	24/04/2004
SRSS046	Gravel lag amongst fallen trees and rockbars. Creek meanders in 5m wide x 3m deep valley. 15m from junction. Visible HM	1	HM60, Lat30, sand10	0.82	AHR, DPT	25/04/2004
SRSS047	20m from junction, lag deposits amongst fallen trees with some rocky bars. Laterite peso is V high SG	4	HM50, sand30, Lat20	0.92	AHR, DPT	25/04/2004
SRSS048	Eddie trap behind fallen tree on creek bend . Many cobble bars of BK rounded sed. HM visible. Some quartz chips	5	HM50, sand35, Lat15	0.88	AHR, DPT	25/04/2004
SRSS049	sample taken in a 4m wide x 3m deep gully, above its debouche into its delta junction. Some cobbles upto 10cm. Sed O/C and visible HM	1	HM80, sand10, Lat10	0.9	AHR, DPT	25/04/2004

Appendix C: Panned stream sediment sample details and assays

Sample	Description	No_pans	Panned_composition%	Weight_kg	Sampled_by	Date_sampled
SRSS050	Duplicate of SRSS 049	1	HM80, sand10, Lat10	0.85	AHR, DPT	25/04/2004
SRSS051	10m above junction.sed cobbles form creek bed and numerous bars. Laterite is V high SG	2	HM50, sand30, Lat20	0.89	AHR, DPT	25/04/2004
SRSS052	15m above junction, Gravel lag deposit behind and below fallen tree and cobble bar. Hm is Vfg	2	HM60, Lat30, sand10	0.9	AHR, DPT	25/04/2004
SRSS053	5m wide valley with meanders , numerous lag/cobble bars	1	HM70, sand30	0.91	AHR, DPT	26/04/2004
SRSS054	10m from junction, above a 2m fall at mouth. On SS bar. Gully steep sided 2m wide. Some qtz. HM is 1-2mm dominantly laterite	5	HM30, sand & chip 70	0.73	AHR, DPT	26/04/2004
SRSS055	At end of Callina track. Glacial conglomerate O/C with laterite and visible HM in lag deposits	2	HM60, sand40	0.82	AHR, DPT	26/04/2004
SRSS056	Lag deposit behind Boulders and rocky bar taken above road crossing UM O/C	2	HM70, Lat20, UM sand10	1.04	AHR, DPT	26/04/2004
SRSS057	20m from junction in 4m wide x 1m deep valley. UM O/C	2.5	HM80, UM20, Lat <2	0.81	AHR, DPT	27/04/2004
SRSS058	10m from junction in a 1m wide x 50cm deep channel. No O/C	2	HM80, UMsand10, Lat10	0.82	AHR, DPT	27/04/2004
SRSS059	Lag deposit behind boulder traps in a 2m wide x 1m deep gully	7	HM70, UMsand30, Lat trace	0.85	AHR, DPT	27/04/2004
SRSS060	20m from junction, lateritic lag in a meander below a rocky bar. 3m wide x 50cm channel	1.5	HM60, sand35, Lat5	0.78	AHR, DPT	27/04/2004
SRSS061	20m from junction, cobble and gravel lag (round qtz) behind 30cm boulder/cobble bar. 2m wide x 50cm channel	2.5	HM60, qtz sand40	0.9	AHR, DPT	27/04/2004
SRSS062	Qtz gravel and fine WH sand (glacial conglomerate derived) in sharp ck bend. Visible HM Vfg. Drains a broad button grass plain	2	HM80, qtz sand20	0.9	AHR, DPT	28/04/2004
SRSS063	same as SRSS 062. trap in eddy as creek enters a long 3m pool in creek bend	2	HM60, qtz sand40	0.73	AHR, DPT	28/04/2004
SRSS064	Sandy gravel lag behind boulders and island bend. In Button grass plain. Glacial conglomerate cobbles (qtz and sed). No O/C	1	HM75, qtz sand25	0.89	AHR, DPT	28/04/2004
SRSS065	Duplicate of SRSS 064	1	HM85, qtz sand15	0.64	AHR, DPT	28/04/2004
SRSS066	5m below Callina track in bend and meander with laterite and UM boulders. Riffle bar in 1.5m wide x 30cm deep gully	2	HM90, UM10	0.96	AHR, DPT	28/04/2004
SRSS067	Lag deposit behind small island , some angular cobbles (10-20cm). Visible HM (some cg he or magnetite). 2m wide x 30cm deep gully on UM O/C and hardpan	2	HM80, UMsand20	1	AHR, DPT	29/04/2004
SRSS068	40m above junction. Angular UM gravel lag, from island tail, with some flat 10cm UM cobbles. Abundant visible HM (cg he and magnetite)	1	HM90, UMsand10	1.1	AHR, DPT	29/04/2004
SRSS069	UM gravel and sandy lag behind island and cobble bar. HM visible . 1m wide x 50cm deep gully	3.5	HM60, UMsand40	0.9	AHR, DPT	29/04/2004
SRSS070	Sediment, qtz and silt from bend in creek, 15m from junction. 1m wide x 20 cm deep gutter	6	HM40, sand & silt 50, Sed	0.84	AHR, DPT	30/04/2004
SRSS071	Gravel lag in broad braided and meandering stream network (5m wide). Numerous fallen trees, islands and bars.	5	HM50, Lat30, sand20	0.94	AHR, DPT	30/04/2004
SRSS072	30m from mouth (8m waterfall) in narrow valley. Lag deposits in a series of 1-2m waterfalls	4	HM20, sand70, chip10	0.6	AHR, DPT	30/04/2004
SRSS073	50m up from junction, steep valley with fallen timber, cobble/rock bars and numerous large boulders. Trap on inside of creek bend behind 3ft boulder	4	HM70, sand30	0.82	AHR, DPT	3/05/2004
SRSS074	40m up from junction, gravel lags amidst boulder falls and rocky bars. Some large qtz boulders on river side	7	HM60, sand40	0.7	AHR, DPT	3/05/2004
SRSS075	Main Creek 10m below stream from the West. Sample collected on western channel. Numerous cobble/gravel lag islands	4	HM50, sand50	0.68	AHR, DPT	3/05/2004
SRSS076	Sand & gravel lag behind boulders and fallen logs. Sand is dominantly sed shale derived	5	HM50, sand & chip50	0.66	AHR, DPT	5/05/2004
SRSS077	At mouth of ck as it enters lake Pieman.Sandy gravel lag amidst rock bars, fallen trees and boulders. 2 small creeks enter main ck, 50 m upstream	5	HM30, sand & chip 70	0.65	AHR, DPT	5/05/2004
SRSS078	20m up from ck mouth, on UM O/C falls and cascades	4	HM50, sand50	0.58	AHR, DPT	5/05/2004
SRSS079	30m from mouth. Lag deposits amidst rock bars and boulder cascades	4	HM20, sand70, chip10	0.62	AHR, DPT	5/05/2004
SRSS080	at mouth of ck below cascade waterfalls. UM gravel lag	2	HM80, sand10, chip10	0.83	AHR, DPT	6/05/2004
SRSS081	30m from mouth below 1ft waterfall.Some rounded qtz pebbles occur	2	HM1, qtz & sed sand99	0.6	AHR, DPT	6/05/2004
SRSS082	20m up from ck mouth in a series of boulder and sed O/C waterfalls and cascades. Qtz and sed gravels	2	HM10, sand80, chip10	0.68	AHR, DPT	6/05/2004
SRSS083	At creek mouth in a boulder cascade. Sed gravels and cobbles associated with glacial qtz conglomerate	4	HM40, sand50, chip10	0.71	AHR, DPT	6/05/2004
SRSS084	20m up from junction amidst fallen trees and island bars, some peso lat present. SS O/C	5	HM50, lat30, sand20	0.7	AHR, DPT	7/05/2004
SRSS085	40m up from junction, gravel lag in pool below cascades. Very muddy, some VQ gravel present	6	HM50, lat30, silt & sand2	0.72	AHR, DPT	7/05/2004
SRSS086	25m up from junction, sed gravel lag behind Boulder in a series of cascades over boulders and O/C rockbars	7	HM40, lat30, silt30	0.7	AHR, DPT	7/05/2004
SRSS087	lag deposit along creek side. Boulders make the stream bed	2.5	HM70, chip & silt30	0.7	AHR, DPT	7/05/2004
SRSS088	Duplicate of SRSS 087	2.5	HM70, chip & silt30	0.79	AHR, DPT	7/05/2004
SRSS089	At creek mouth (broad 15-30m). Taken on inside bend on a large sandbar.	6	HM80, chip, sand,silt20	0.6	AHR, DPT	7/05/2004
SRSS090	20m above junction, sed gravel lag in rockbars behind fallen trees. Sed O/C	4	HM80, lat15, sand5	0.95	AHR, DPT	8/05/2004
SRSS091	15m up creek from junction. Muddy OG sed silt in pools below rock bars with 40% sed chips and gravel	6	HM50, silt & chip50	0.5	AHR, DPT	8/05/2004
SRSS092	15m up from main junction gravel lag amidst boulders and fallen trees. 30% lat (hihg SG) minor qtz	4	HM60, lat30, silt10	0.8	AHR, DPT	8/05/2004
SRSS093	10m above junction. Sed gravels and sand	6	HM40, silt60	0.5	AHR, DPT	8/05/2004

Appendix C: Panned stream sediment sample details and assays

Sample	Description	No_pans	Panned_composition%	Weight_kg	Sampled_by	Date_sampled
SRSS094	gravel and silt lag deposit in meandering creek bend. Sed , some VQ	5	HM20, sand70, chip10	0.42	AHR, DPT	8/05/2004
SRSS095	15m from mouth, gravel and silt as sand bars in meandering bends one cobble of VQ noted	3	Sed chip & clay100	0.5	AHR, DPT	10/05/2004
SRSS096	30m up from junction, gravel & cobble lag from meanders and rocky bars, minor UM chips	8	HM70, chip & sand30	0.8	AHR, DPT	10/05/2004
SRSS097	10m up from junction, gravel lag in bend and eddy behind trees and boulder. SS O/C and rock bars	3	HM70, lat20, silt & sand1	0.8	AHR, DPT	10/05/2004
SRSS098	30m up from junction, gravel & laterite lag fromsand banks behind boulders and fallen trees. SS O/C and rocky bars.	2	HM70, lat25, sand5	0.68	AHR, DPT	10/05/2004
SRSS099	20m up from junction above island . Long sand/gavel bars and sed gravels and cobbles	4	HM40, chips60	0.42	AHR, DPT	10/05/2004
SRSS100	10m up from junction, sandy/muddy sed gravel lagin a meander and log trap. Some UM and VQ chip	5	HM85, lat5, sand10	0.64	AHR, DPT	11/05/2004
SRSS101	30m up from junction UM, SS and minor laterite gravel lag behind fallen log on an inside bend	2.5	HM80, lat5, UMsand15	0.53	AHR, DPT	11/05/2004
SRSS102	Duplicate of SRSS 101	2.5	HM80, lat5, UMsand15	0.48	AHR, DPT	11/05/2004
SRSS103	25m from mouth, UM & sed garvels in a braided stream network. Valley is 15m wide	3	HM70, sand25, lat5	0.54	AHR, DPT	11/05/2004
SRSS104	Sed gravel, sand & silt deposit inside bend in meandering creek amidst cobble lag bars	4	HM50, sand40, chip10	0.52	AHR, DPT	11/05/2004
SRSS105	in bend as ck emerges from UM forest, below 2m waterfall. Lag behind boulders. UM O/C	4	Hm80, lat10, sandy chip10	0.7	AHR, DPT	12/05/2004
SRSS106	5m from mouth, UM & laterite gravel on falls . No traps further up stream	3	HM80, lat20	0.6	AHR, DPT	12/05/2004
SRSS107	40m up from mouth, Sed gravels and silt from inside bend of maender. No O/C	5	HM30, sand50, chip (inc q	0.45	AHR, DPT	12/05/2004
SRSS108	40m up from mouth, Sed gravels and sandy lag (OG smokey VQ)amidst a cobble bed. Possible laterite present	4	HM40, sand50, chip10	0.58	AHR, DPT	12/05/2004
SRSS109	100m up from junction, UM gravel, laterite & dark sand between fallen trees and minor rock bars. Visible HM	1	HM85, lat10, chip5	0.77	AHR, DPT	13/05/2004
SRSS110	15m up from junction, sandy gravel lag in eddy behind fallen tree inside bend. VQ chips dominant	2	HM80, qtz chip & sand20	0.65	AHR, DPT	13/05/2004
SRSS111	At mouth, sandy gravel & cobble lag from creek side . VQ as sand & chip	4	HM80, qtz & sed sand20	0.68	AHR, DPT	13/05/2004
SRSS112	30m from mouth, sandy sed gravel lag in ck bend . GN sed	2	HM50, sand40, chip10	0.5	AHR, DPT	13/05/2004
SRSS113	Sed O/C, cobble gravel lag & qtz in 2m wide rock gully 40m upstream from large waterfall and series of cascades	3	HM80, lat15, chip (incl qz)	0.73	AHR, DPT	14/05/2004
SRSS114	10m from mouth (3m waterfall) laterite(60%) & gravel lag behind large SS boulder in meander	3	HM50, lat45, sand5	0.65	AHR, DPT	14/05/2004
SRSS115	15m from mouth, sed gravels and sand (including VQ) behind boulders and cobble bars	4	HM5, sand90, chip5	0.54	AHR, DPT	14/05/2004
SRSS116	15m from mouth, gravel lag with large 10-20cm cobbles in bend behind boulders on SS bars	4	HM30, sand50, chip20	0.36	AHR, DPT	15/05/2004
SRSS117	fer sed gravels,sand and VQ in 4m wide flat gravel and cobble plain	4	HM30, sand50, chip20	0.42	AHR, DPT	15/05/2004
SRSS118	10m below road (marsh and flooded area above road). Sandy bottom. Sandy lag with minor gravel and qtz from eddy traps at stream side	3	HM1, sand94, chip5	0.58	AHR, DPT	21/05/2004
SRSS119	At ck mouth bellow falls. UM gravel and sand , visible HM and UM O/C	4	HM70, sand20, chip10	0.59	AHR, DPT	22/05/2004
SRSS120	20m from mouth above 2-3m waterfall, old Sed cobble, sand and gravel lag deposits below 1m falls and large island	4	HM40, sand50, chip10	0.44	AHR, DPT	22/05/2004
SRSS121	40m down from junction on main ck, sandy sed gravel lag amidst sand bars and fallen trees. Sed O/C including WH/GY qtzite	2	HM90, sed sand & chip 10	0.65	AHR, DPT	24/05/2004
SRSS122	gravel sand bar on north bank. 30m downstream of Acid drainage creek entering from south. No lags on south side. Some visible HM	2	HM90, sed sand & chip 10	0.84	AHR, DPT	24/05/2004
SRSS123	UM gravel lag on UM O/C (broad and fllat). Visible HM	2	HM85, UM chip 15	0.54	AHR, DPT	24/05/2004
SRSS124	small ck draining from Nth into main creek system. UM gravel and silt. UM O/C, Vfg HM	2	HM95, UM chip 5	0.82	AHR, DPT	24/05/2004
SRSS125	small ck draining from Nth into main creek system. UM gravel and silt. UM O/C, visible HM	2	HM95, UM chip 5	0.72	AHR, DPT	24/05/2004
SRSS126	10 m upstream from confluence, visible gold flakes present	6	85% HM 15% sand	0.8	SRB, HNA	19/03/2005
SRSS127	high quartz component in gravel, gold flakes present	6	90% HM 10% sand	0.875	SRB, HNA	19/03/2005
SRSS128	very high chromite content	2	99% HM 1% sand	0.9	SRB, HNA	19/03/2005
SRSS129	deposit 20m upstream from contact between UMentinite and gabbro	6	70% HM 30% UM chip	0.8	SRB, HNA	18/03/2005
SRSS130	15m upstream from Lynch Creek	8	60% HM 40% sand	0.8	SRB, HNA	30/03/2005
SRSS131	15m up left branch of fork, granite boulders	10	40% HM 60% sand	0.8	SRB, HNA	15/03/2005
SRSS132	15 m up right branch, large granite boulders	8	5% HM 95% sand	0.8	SRB, HNA	15/03/2005
SRSS133	40 m downstream from entry of 142,UM base, few sample sites	10	40% HM 60% sand	0.8	SRB, HNA	14/03/2005
SRSS134	UM base, abundant granitic debris	6	50% HM 50% sand	0.85	SRB, HNA	15/03/2005
SRSS135	15 m upstream from confluence, UM base	7	20% HM 80% sand	0.8	SRB, HNA	15/03/2005
SRSS136	north branch of fork	8	5% HM 95% sand	0.8	SRB, HNA	29/03/2005
SRSS137	granite base	8	20% HM 80% sand	0.9	SRB, HNA	15/03/2005
SRSS138	5 m up small tributary,UM base	10	40% HM 60% UM chip	0.8	SRB, HNA	16/03/2005
SRSS139	UM base 10 m upstream from confluence with 139	7	90% HM 10% UM chip	0.9	SRB, HNA	16/03/2005
SRSS140	5m from confluence, small tributary, UM base	10	30% HM 70% sand	0.8	SRB, HNA	14/03/2005
SRSS141	20 m upstream from confluence with 142, pool formed by log dam in river, granitic sand	10	10% HM 90% sand	0.8	SRB, HNA	14/03/2005
SRSS142	5 m from confluence,UM base in river	8	80% HM 20% fresh UM chip	0.85	SRB, HNA	14/03/2005
SRSS143	bouldery river base on UM. Stream is approx 80 m downstream from map position	9	50% HM 50% UM chip	0.85	SRB, HNA	14/03/2005
SRSS144	abundant granite boulders, only deposit for 100m, very low in HM	6	2% HM 98% sand	0.75	SRB, HNA	11/03/2005
SRSS145	10 m up river from confluence with 146. UM base, sample from large hole.abundant lage granite boulders	10	5% HM 95% sand	0.8	SRB, HNA	14/03/2005

Appendix C: Panned stream sediment sample details and assays

Sample	Description	No_pans	Panned_composition%	Weight_kg	Sampled_by	Date_sampled
SRSS146	5m from main river up small tributary, UM base	10	10% HM 90% sand	0.85	SRB, HNA	14/03/2005
SRSS147	south branch of fork	8	40% HM 60% sand	0.8	SRB, HNA	29/03/2005
SRSS148	2 m upstream from confluence with river, high granitic component of sand	12	5% HM 95% sand	0.8	SRB, HNA	11/03/2005
SRSS149	small tributary 40 m downstream from waterfall, small flow over large granite and UM boulders	6	90% HM 10% UM chip	0.8	SRB, HNA	12/03/2005
SRSS150	10 m up small creek,UM base, few sediment lags	6	50% HM 50% sand	0.85	SRB, HNA	12/03/2005
SRSS151	15 m downstream from 152 entry, bouldery river bed	8	10% HM 90% sand	0.8	SRB, HNA	12/03/2005
SRSS152	10 m up small tributary almost no flow, sample carried and pannedin river. clayey sediment, GPS not in range but high confidence	7	40% HM 60% sand	0.9	SRB, HNA	12/03/2005
SRSS153	some large quartz clasts	8	10% HM 90% sand	0.8	SRB, HNA	30/03/2005
SRSS154	cascading flow on UM base, few available traps	14	50% HM 50% UM chip	0.75	SRB, HNA	11/03/2005
SRSS155	almost pure clay, 6 m yellow clay banks on either side of creek	8	1% HM 99% clay/sand	0.8	SRB, HNA	29/03/2005
SRSS156	5 m up small tributary, steep flow amongst iron stained UM boulders	7	90% HM 10% UM chip	0.8	SRB, HNA	12/03/2005
SRSS157	15 m upstream from 156 entry,boulder river bed on granite conglomerate base	7	50% HM 50% sand	0.8	SRB, HNA	12/03/2005
SRSS158	right branch of unmapped fork in tributary	8	20% HM 80% sand	0.85	SRB, HNA	25/03/2005
SRSS159	stream not on map, draining parallel to Wilson River	8	2% HM 98% sand	0.9	SRB, HNA	25/03/2005
SRSS160	5 m upstream from confluence with 149, large granite boulders	12	50% HM 50% sand	0.75	SRB, HNA	12/03/2005
SRSS161	insufficient flow, panned in Wilson River	8	2% HM 98% sand	0.85	SRB, HNA	25/03/2005
SRSS162	drainage differed from mapped	8	10% HM 90% sand	0.85	SRB, HNA	25/03/2005
SRSS163	80 m downstream from planned point due to good trap location	8	60% HM 40% sand	0.9	SRB, HNA	26/03/2005
SRSS164	abundant marble boulders in river	8	40% HM 60% sand	0.9	SRB, HNA	26/03/2005
SRSS165	coarse chromite rich sand from Harmen River	5	90% HM 10% sand	0.85	SRB, HNA	21/03/2005
SRSS166	no GPS position inferred from point SRSS167	6	50% HM 50% sand	0.8	SRB, HNA	26/03/2005
SRSS167	probably Keenan Creek, 2 meters of well rounded uncemented marble granite and UMentenite clasts average size 20cm on banks of creek	5	50% HM 50% sand	0.9	SRB, HNA	26/03/2005
SRSS168	UMentite base	8	60% HM 40% sand	0.9	SRB, HNB	7/04/2005
SRSS169	10m upstream from entry of 225	8	50% HM 50% sand	0.8	SRB, HNB	7/04/2005
SRSS170		6	50% HM 50% sand	0.8	SRB, HNA	26/03/2005
SRSS171	muddy low gradient deposit, very low flow	9	30% HM 70% sand	0.8	SRB, HNA	26/03/2005
SRSS172	amongst marble base in river	8	60% HM 40% sand	0.9	SRB, HNA	26/03/2005
SRSS173	UM base	2	98% HM 2% sand	0.9	SRB, HNB	5/04/2005
SRSS174		2	98% HM 2% sand	0.9	SRB, HNB	5/04/2005
SRSS175	sample panned in pot hole of old road, some concentration of heavies by drainage, gold and osmiridium present	4	95% HM 5% quartz	0.9	SRB, HNB	17/04/2005
SRSS176	west branch, UM base	2	95% HM 5% fibrous chip	0.9	SRB, HNB	5/04/2005
SRSS177	stream not on map, clayey surficial geology	3	90% HM 10% sand	0.9	SRB, HNB	5/04/2005
SRSS178	thin veneer of high chromite sediment on flat UM base	4	90% HM 10% UM laterite	0.8	SRB, HNA	20/03/2005
SRSS179	thin veneer of high chromite sediment on flat UM base	4	90% HM 10% UM laterite	0.9	SRB, HNA	20/03/2005
SRSS180	stream dissapears into clayey flat plain	4	70% HM 30% sand	0.7	SRB, HNB	6/04/2005
SRSS181	small tributary incutting reworked clayey sediments	4	90% HM 10% UM	0.85	SRB, HNA	22/03/2005
SRSS182	small tributary incutting reworked clayey sediments	6	90% HM 10% UM	0.8	SRB, HNA	22/03/2005
SRSS183	20 m upstream from confluence with 184 UM base, high girthite in heavies	7	30% HM 70% sand	0.8	SRB, HNA	13/03/2005
SRSS184	10 m upstream from confluence, UM base	10	40% HM 60% sand	0.85	SRB, HNA	13/03/2005
SRSS185	bouldery river base on UM. coarse chromite	6	80% HM 20% sand	0.8	SRB, HNA	13/03/2005
SRSS186	granite boulders in small creek,creek not on map	10	40% HM 60% sand	0.8	SRB, HNA	13/03/2005
SRSS187	UM base in river	5	80% HM 20% sand	0.85	SRB, HNA	13/03/2005
SRSS188	flow only appears for 2 m, little concentration,soil and clay	3	95% HM 5% sand	0.9	SRB, HNA	13/03/2005
SRSS189	UM base	6	85% HM 15% sand	0.85	SRB, HNA	13/03/2005
SRSS190	laterite rich sand, before crossing road	4	90% HM 10% sand	0.9	SRB, HNA	15/03/2005
SRSS192	gravel at base of ridge,above road	10	60% HM 40% UM laterite	0.8	SRB, HNA	20/03/2005
SRSS192	10 m above rd, UMentinite base	3	90% HM 10% sand	0.85	SRB, HNB	6/04/2005
SRSS193	tributary in different position from marked on map	3	90% HM 10% sand	0.8	SRB, HNA	22/03/2005
SRSS194	small tributary out of swampy area	6	80% HM 5% UM 15% sand	0.8	SRB, HNA	22/03/2005
SRSS195	very high chromite content	2	98% HM 2% UM chip	0.85	SRB, HNA	22/03/2005

Appendix C: Panned stream sediment sample details and assays

Sample	Description	No_pans	Panned_composition%	Weight_kg	Sampled_by	Date_sampled
SRSS196	small branched tributary draining clayey sediment	8	70% HM 30% UM chip	0.8	SRB, HNA	22/03/2005
SRSS197	could not locate minor tributary	4	90% HM 10% sand	0.9	SRB, HNB	4/04/2005
SRSS198	GPS not plotting correctly,unusual dark UMentite, sample taken	2	95% HM 5% fibrous chip	0.9	SRB, HNB	4/04/2005
SRSS199	low gradient, abundant black sand in clayey sediment	4	90% HM 10% sand	1.5	SRB, HNA	6/03/2005
SRSS200	Lynch Creek, in flood	4	70% HM 30% sand	0.9	SRB, HNB	4/04/2005
SRSS201		5	90% HM 10% sand	0.9	SRB, HNB	4/04/2005
SRSS202	Lynch Creek	8	5% HM 95% sand	0.8	SRB, HNA	30/03/2005
SRSS203	almost pure black sand	2	99% HM 1% sand	0.8	SRB, HNA	22/03/2005
SRSS204	small tributary, running off 1m high clay bank	6	60% HM 40% sand	0.75	SRB, HNA	22/03/2005
SRSS205	UM base	3	95% HM 5% UM laterite	0.8	SRB, HNA	22/03/2005
SRSS206	lateritic gravel 30-60 cm thick on UM base	3	95% HM 6% UM laterite	0.9	SRB, HNA	20/03/2005
SRSS207	lateritic gravel 30-60 cm thick on UM base	4	95% HM 7% UM laterite	0.9	SRB, HNA	20/03/2005
SRSS208	could not locate stream number planned 209, sample taken from Harmen River	2	95% HM 5% sand	0.8	SRB, HNA	21/03/2005
SRSS209	Lynch Creek in high flow	7	70% HM 30% sand	0.8	SRB, HNB	4/04/2005
SRSS210	obvious minor creek bed, dry at time of sampling with only minor seepage, panned in Harmen river, very high chromite content	4	90% HM 10% sand	0.8	SRB, HNA	21/03/2005
SRSS211	above waterfalls in Harman trickle over volcanics, no GPS, moderate confidence.	7	50% HM 50% sand	0.8	SRB, HNA	18/03/2005
SRSS212	2 m upstream from confluence with 211, hole in volcanics not in submerged in low flow, very high heavy component	6	65% HM 35% sand	0.825	SRB, HNA	18/03/2005
SRSS213	150m downstream from falls due to no suitable trap upstream	6	70% HM 30% sand	0.8	SRB, HNA	18/03/2005
SRSS214	at base of tributary, large waterfall, low collectable sediment, no GPS, high confidence	11	5% HM 95% sand	0.725	SRB, HNA	18/03/2005
SRSS215	gravel lag at the end of UMentenite bedrock shoot,Sample 400m downstream from planned 215	10	60% HM 40% sand	0.8	SRB, HNA	6/03/2005
SRSS216	tributary dry, wet sieved and panned in Wilson River	9	80% HM 20% sand	0.825	SRB, HNA	23/03/2005
SRSS217	stream not on map,minor	2	95% HM 5% fibrous chip	0.9	SRB, HNB	4/04/2005
SRSS218	gravel lag 30 m downstream from rock chip SRRC101	6	60% HM 40% sand	0.8	SRB, HNA	6/03/2005
SRSS219	Lynch Creek	8	30% HM 70% sand	0.8	SRB, HNA	30/03/2005
SRSS220	confluence of dry tributary and Harmen River, low heavy minerals	7	50% HM 50% sand	0.8	SRB, HNA	6/03/2005
SRSS221	point number swapped with planned 216	6	80% HM 20% UM chip	0.9	SRB, HNA	23/03/2005
SRSS222	flow very minor, problem reconciling GPS	3	98% HM 2% sand	0.9	SRB, HNB	5/04/2005
SRSS223	east branch, 5 m from confluence, UM base	4	95% HM 5% fibrous chip	0.8	SRB, HNB	5/04/2005
SRSS224	glacial input	4	85% HM 15% sand	0.9	SRB, HNB	5/04/2005
SRSS225	abundant gold including coarse grain 3-4mm, 1 cm magnetite grains	9	50% HM 50% sand	0.9	SRB, HNB	7/04/2005
SRSS227	lag as stram goes underground before entering Lynch Creek	5	70% HM 30% sand	0.85	SRB, HNB	7/04/2005
SRSS228	steep dry channel trickle in places. GPS not working	8	40% HM 60% sand	0.85	SRB, HNB	7/04/2005
SRSS229		9	5% HM 95% sand	0.8	SRB, HNB	7/04/2005
SRSS230	15 m up other branch	1	90% HM 10% sand	0.9	SRB, HNB	8/04/2005
SRSS231	15m upstream from confluence, gold and osmiridium present	1	99% HM 1% sand	0.9	SRB, HNB	8/04/2005
SRSS232	duplicate of 231	1	99% HM 1% sand	0.9	SRB, HNB	8/04/2005
SRSS233	confluence between chromite creek and Huskisson river, marked incorrectly on topo	3	98% HM 2% sand	0.9	SRB, HNB	8/04/2005
SRSS234	draining button grass plain fluvial glacials,gold and osmiridium present	4	90% HM 10% quartz	0.9	SRB, HNB	17/04/2005
SRSS235	small incised channel 40 cm in clay, fresh UM in panned	4	80% HM 20% UM chip	0.9	SRB, HNB	23/04/2005
SRSS236	stream steep cascade down UM boulders, stream not on map	5	70% HM 30% UM	0.9	SRB, HNB	23/04/2005
SRSS237	sample not panned completely to HM due to lack of sample, bouldery steep stream bed	4	50% HM 50% UM chip	0.8	SRB, HNB	22/04/2005
SRSS238	Clayey deposit at bottom of small bedrock shoot	5	2% HM 98% clay	0.8	SRB, HNB	26/04/2005
SRSS239	5m up from confluence, thick clay layer on volcanics	5	5% HM 95% clay	0.8	SRB, HNB	26/04/2005

Appendix C: Panned stream sediment sample details and assays

Sample	Ascheme	Batch	Au_ppb	Au_r1_ppb	Au_r2_ppb	Au_d_ppb	Pt_ppb	Pt_r1_ppb	Pt_r2_ppb	Pt_d_ppb	Pd_ppb	Pd_r1_ppb	Pd_r2_ppb	Pd_d_ppb	Ag_ppm	Ag_d_ppm	As ppm
SRSS001	GENMFA25MSDOES	815.0/0402441	2			2	7			4	1			2	-999		-999
SRSS002	GENMFA25MSDOES	815.0/0402441	2				4				2				-999		-999
SRSS003	GENMFA25MSDOES	815.0/0402441	2				3				2				-999		-999
SRSS004	GENMFA25MSDOES	815.0/0402441	3				4				2				-999		-999
SRSS005	GENMFA25MSDOES	815.0/0402441	2	3			45	61			6	8			-999		-999
SRSS006	GENMFA25MSDOES	815.0/0402441	2				31				1				-999		-999
SRSS007	GENMFA25MSDOES	815.0/0402441	1				5				2				-999		-999
SRSS008	GENMFA25MSDOES	815.0/0402441	3				6				3				-999		-999
SRSS009	GENMFA25MSDOES	815.0/0402441	3				13				2				-999		-999
SRSS010	GENMFA25MSDOES	815.0/0402441	1				4				2				-999		-999
SRSS011	GENMFA25MSDOES	815.0/0402441	1				3				2				-999		-999
SRSS012	GENMFA25MSDOES	815.0/0402441	1				2				2				-999		-999
SRSS013	GENMFA25MSDOES	815.0/0402441	5				7				3				-999		-999
SRSS014	GENMFA25MSDOES	815.0/0402441	3				5				2				-999		-999
SRSS015	GENMFA25MSDOES	815.0/0402441	4				19				3				-999		-999
SRSS016	GENMFA25MSDOES	815.0/0402441	2				6				2				-999		-999
SRSS017	GENMFA25MSDOES	815.0/0402441	17	6			126	127			2	2			-999		-999
SRSS018	GENMFA25MSDOES	815.0/0402441	2				7				2				-999		-999
SRSS019	GENMFA25MSDOES	815.0/0402441	2				14				2				-999		-999
SRSS020	GENMFA25MSDOES	815.0/0402441	2				10				2				-999		-999
SRSS021	GENMFA25MSDOES	815.0/0402441	1				9				2				-999		-999
SRSS022	GENMFA25MSDOES	815.0/0402441	4				6				2				-999		-999
SRSS023	GENMFA25MSDOES	815.0/0402441	3				8				2				-999		-999
SRSS024	GENMFA25MSDOES	815.0/0402441	2				12				2				-999		-999
SRSS025	GENMFA25MSDOES	815.0/0402441	2				7				2				-999		-999
SRSS026	GENMFA25MSDOES	815.0/0402441	5				45				2				-999		-999
SRSS027	GENMFA25MSDOES	815.0/0402441	2			5	5			5	2			3	-999		-999
SRSS028	GENMFA25MSDOES	815.0/0403341	25	30		292	6	23		4	4	5		1	-999		-999
SRSS029	GENMFA25MSDOES	815.0/0402441	36	42			19	20			3	2			-999		-999
SRSS030	GENMFA25MSDOES	815.0/0402441	4				9				3				-999		-999
SRSS031	GENMFA25MSDOES	815.0/0402441	5				16				2				-999		-999
SRSS032	GENMFA25MSDOES	815.0/0402441	3				11				2				-999		-999
SRSS033	GENMFA25MSDOES	815.0/0402441	1				6				1				-999		-999
SRSS034	GENMFA25MSDOES	815.0/0402441	3				9				2				-999		-999
SRSS035	GENMFA25MSDOES	815.0/0402441	1				4				2				-999		-999
SRSS036	GENMFA25MSDOES	815.0/0402441	1				8				1				-999		-999
SRSS037	GENMFA25MSDOES	815.0/0402441	1				4				1				-999		-999
SRSS038	GENMFA25MSDOES	815.0/0402441	1				31				2				-999		-999
SRSS039	GENMFA25MSDOES	815.0/0402441	4				22				2				-999		-999
SRSS040	GENMFA25MSDOES	815.0/0402441	3				19				2				-999		-999
SRSS041	GENMFA25MSDOES	815.0/0402441	2				6				2				-999		-999
SRSS042	GENMFA25MSDOES	815.0/0403341	5				34				4				-999		-999
SRSS043	GENMFA25MSDOES	815.0/0403341	4				6				3				-999		-999
SRSS044	GENMFA25MSDOES	815.0/0403341	554	41	33		72	201	24		5	4	5		-999		-999
SRSS045	GENMFA25MSDOES	815.0/0403341	22				5				3				-999		-999
SRSS046	GENMFA25MSDOES	815.0/0403341	7				15				4				-999		-999
SRSS047	GENMFA25MSDOES	815.0/0403341	6				35				4				-999		-999
SRSS048	GENMFA25MSDOES	815.0/0403341	51				5				3				-999		-999
SRSS049	GENMFA25MSDOES	815.0/0403341	7				5				4				-999		-999

Appendix C: Panned stream sediment sample details and assays

Sample	Ascheme	Batch	Au_ppb	Au_r1_ppb	Au_r2_ppb	Au_d_ppb	Pt_ppb	Pt_r1_ppb	Pt_r2_ppb	Pt_d_ppb	Pd_ppb	Pd_r1_ppb	Pd_r2_ppb	Pd_d_ppb	Ag_ppm	Ag_d_ppm	As ppm
SRSS050	GENMFA25MSDOES	815.0/0403341	17				5				3				-999		-999
SRSS051	GENMFA25MSDOES	815.0/0403341	7				5				3				-999		-999
SRSS052	GENMFA25MSDOES	815.0/0403341	7				5				4				-999		-999
SRSS053	GENMFA25MSDOES	815.0/0403341	4				5				3				-999		-999
SRSS054	GENMFA25MSDOES	815.0/0403341	899	1678	3629		23	177	73		3	3	3		-999		-999
SRSS055	GENMFA25MSDOES	815.0/0403341	57	65			6	4			3	3			-999		-999
SRSS056	GENMFA25MSDOES	815.0/0403341	10	13	12		945	233	606		2	2	1		-999		-999
SRSS057	GENMFA25MSDOES	815.0/0403341	30				6				3				-999		-999
SRSS058	GENMFA25MSDOES	815.0/0403341	7				9				3				-999		-999
SRSS059	GENMFA25MSDOES	815.0/0403341	199				5				3				-999		-999
SRSS060	GENMFA25MSDOES	815.0/0403341	17				8				4				-999		-999
SRSS061	GENMFA25MSDOES	815.0/0403341	39				9				4				-999		-999
SRSS062	GENMFA25MSDOES	815.0/0403341	1386	10290			6	9			3	3			-999		-999
SRSS063	GENMFA25MSDOES	815.0/0403341	869	38			5	8			3	3			-999		-999
SRSS064	GENMFA25MSDOES	815.0/0403341	26				4				3				-999		-999
SRSS065	GENMFA25MSDOES	815.0/0403341	45				6				3				-999		-999
SRSS066	GENMFA25MSDOES	815.0/0403341	8				33				3				-999		-999
SRSS067	GENMFA25MSDOES	815.0/0403341	6			11	11			4	3			1	-999		-999
SRSS068	GENMFA25MSDOES	815.0/0403341	5				39				3				-999		-999
SRSS069	GENMFA25MSDOES	815.0/0403341	2				4				1				-999		-999
SRSS070	GENMFA25MSDOES	815.0/0403341	3				4				2				-999		-999
SRSS071	GENMFA25MSDOES	815.0/0403341	2				6				2				-999		-999
SRSS072	GENMFA25MSDOES	815.0/0403341	34				5				1				-999		-999
SRSS073	GENMFA25MSDOES	815.0/0403341	5670	133			10	18			1	3			-999		-999
SRSS074	GENMFA25MSDOES	815.0/0403341	446				7				1				-999		-999
SRSS075	GENMFA25MSDOES	815.0/0403341	314				3				0.5				-999		-999
SRSS076	GENMFA25MSDOES	815.0/0403341	16				3				0.5				-999		-999
SRSS077	GENMFA25MSDOES	815.0/0403341	11				5				0.5				-999		-999
SRSS078	GENMFA25MSDOES	815.0/0403341	5				8				5				-999		-999
SRSS079	GENMFA25MSDOES	815.0/0403341	4				1				1				-999		-999
SRSS080	GENMFA25MSDOES	815.0/0403341	54				8				4				-999		-999
SRSS081	GENMFA25MSDOES	815.0/0403341	18				9				2				-999		-999
SRSS082	GENMFA25MSDOES	815.0/0403341	7				4				2				-999		-999
SRSS083	GENMFA25MSDOES	815.0/0403341	4				5				1				-999		-999
SRSS084	GENMFA25MSDOES	815.0/0403341	3				4				2				-999		-999
SRSS085	GENMFA25MSDOES	815.0/0403341	3				4				2				-999		-999
SRSS086	GENMFA25MSDOES	815.0/0403341	4				4				2				-999		-999
SRSS087	GENMFA25MSDOES	815.0/0403341	3				3				1				-999		-999
SRSS088	GENMFA25MSDOES	815.0/0403341	3				3				2				-999		-999
SRSS089	GENMFA25MSDOES	815.0/0403341	2				3				2				-999		-999
SRSS090	GENMFA25MSDOES	815.0/0403341	2				185				2				-999		-999
SRSS091	GENMFA25MSDOES	815.0/0403341	3				196				2				-999		-999
SRSS092	GENMFA25MSDOES	815.0/0403341	3				4				1				-999		-999
SRSS093	GENMFA25MSDOES	815.0/0403341	2			4	5			9	3			3	-999		-999

Appendix C: Panned stream sediment sample details and assays

Sample	Ascheme	Batch	Au_ppb	Au_r1_ppb	Au_r2_ppb	Au_d_ppb	Pt_ppb	Pt_r1_ppb	Pt_r2_ppb	Pt_d_ppb	Pd_ppb	Pd_r1_ppb	Pd_r2_ppb	Pd_d_ppb	Ag_ppm	Ag_d_ppm	As ppm
SRSS094	GENMFA25MSDOES	815.0/0403341	5				2				2				-999		-999
SRSS095	GENMFA25MSDOES	815.0/0403341	3				2				2				-999		-999
SRSS096	GENMFA25MSDOES	815.0/0403341	2				3				2				-999		-999
SRSS097	GENMFA25MSDOES	815.0/0403341	2	12	4		1290	181	65		1	3	1		-999		-999
SRSS098	GENMFA25MSDOES	815.0/0403341	2				5				0.5				-999		-999
SRSS099	GENMFA25MSDOES	815.0/0403341	2				3				1				-999		-999
SRSS100	GENMFA25MSDOES	815.0/0403341	2				3				1				-999		-999
SRSS101	GENMFA25MSDOES	815.0/0403341	3				4				2				-999		-999
SRSS102	GENMFA25MSDOES	815.0/0403341	14				27				2				-999		-999
SRSS103	GENMFA25MSDOES	815.0/0403341	2				9				0.5				-999		-999
SRSS104	GENMFA25MSDOES	815.0/0403341	3				9				1				-999		-999
SRSS105	GENMFA25MSDOES	815.0/0403341	2				12				3				-999		-999
SRSS106	GENMFA25MSDOES	815.0/0403341	1				5				1				-999		-999
SRSS107	GENMFA25MSDOES	815.0/0403341	31				1				1				-999		-999
SRSS108	GENMFA25MSDOES	815.0/0403341	4823	1972			11	20			0.5	1			-999		-999
SRSS109	GENMFA25MSDOES	815.0/0403341	13				7				0.5				-999		-999
SRSS110	GENMFA25MSDOES	815.0/0403341	740				67				1				-999		-999
SRSS111	GENMFA25MSDOES	815.0/0403341	7				3				1				-999		-999
SRSS112	GENMFA25MSDOES	815.0/0403341	561				101				0.5				-999		-999
SRSS113	GENMFA25MSDOES	815.0/0403341	6				6				0.5				-999		-999
SRSS114	GENMFA25MSDOES	815.0/0403341	4				4				0.5				-999		-999
SRSS115	GENMFA25MSDOES	815.0/0403341	4				2				0.5				-999		-999
SRSS116	GENMFA25MSDOES	815.0/0403341	754				8				0.5				-999		-999
SRSS117	GENMFA25MSDOES	815.0/0403341	1038	918			1	1			0.5	2			-999		-999
SRSS118	GENMFA25MSDOES	815.0/0403341	6				15				2				-999		-999
SRSS119	GENMFA25MSDOES	815.0/0403341	37	89		1848	18	9		8	1	1		0.5	-999		-999
SRSS120	GENMFA25MSDOES	815.0/0403341	6				4				2				-999		-999
SRSS121	GENMFA25MSDOES	815.0/0403341	4				9				1				-999		-999
SRSS122	GENMFA25MSDOES	815.0/0403341	4				7				0.5				-999		-999
SRSS123	GENMFA25MSDOES	815.0/0403341	2				2				0.5				-999		-999
SRSS124	GENMFA25MSDOES	815.0/0403341	3				64				1				-999		-999
SRSS125	GENMFA25MSDOES	815.0/0403341	2				43				0.5				-999		-999
SRSS126	GENMFA25MSDOES	815.0/0502466&3656	30	45	51	142	8	9		7	-1	-1		-1	-0.1		11
SRSS127	GENMFA25MSDOES	815.0/0502466&3656	49				8				-1				0.2		9
SRSS128	GENMFA25MSDOES	815.0/0502466&3656	5				3				1				-0.1		20
SRSS129	GENMFA25MSDOES	815.0/0502466&3656	105	10	20		8	11			-1	-1			-0.1		15
SRSS130	GENMFA25MSDOES	815.0/0502466&3656	6				6				2				-0.1		18
SRSS131	GENMFA25MSDOES	815.0/0502466&3656	2				1				-1				-0.1		14
SRSS132	GENMFA25MSDOES	815.0/0502466&3656	1				-1				-1				-0.1		9
SRSS133	GENMFA25MSDOES	815.0/0502466&3656	4				101				1				-0.1		22
SRSS134	GENMFA25MSDOES	815.0/0502466&3656	2				2				-1				-0.1		16
SRSS135	GENMFA25MSDOES	815.0/0502466&3656	6				2				-1				-0.1		10
SRSS136	GENMFA25MSDOES	815.0/0502466&3656	2				1				-1				-0.1		33
SRSS137	GENMFA25MSDOES	815.0/0502466&3656	2				21				3				-0.1		9
SRSS138	GENMFA25MSDOES	815.0/0502466&3656	3				2				-1				-0.1		9
SRSS139	GENMFA25MSDOES	815.0/0502466&3656	1				2				-1				-0.1		19
SRSS140	GENMFA25MSDOES	815.0/0502466&3656	1				15				-1				-0.1		13
SRSS141	GENMFA25MSDOES	815.0/0502466&3656	-1				-1				-1				-0.1		10
SRSS142	GENMFA25MSDOES	815.0/0502466&3656	-1				6				-1				-0.1		18
SRSS143	GENMFA25MSDOES	815.0/0502466&3656	4				2				-1				-0.1		21
SRSS144	GENMFA25MSDOES	815.0/0502466&3656	3				3				-1				-0.1		9
SRSS145	GENMFA25MSDOES	815.0/0502466&3656	2				-1				-1				-0.1		13

Appendix C: Panned stream sediment sample details and assays

Sample	Ascheme	Batch	Au_ppb	Au_r1_ppb	Au_r2_ppb	Au_d_ppb	Pt_ppb	Pt_r1_ppb	Pt_r2_ppb	Pt_d_ppb	Pd_ppb	Pd_r1_ppb	Pd_r2_ppb	Pd_d_ppb	Ag_ppm	Ag_d_ppm	As ppm
SRSS146	GENMFA25MSDOES	815.0/0502466&3656	1				59				-1				-0.1		10
SRSS147	GENMFA25MSDOES	815.0/0502466&3656	1				4				-1				-0.1		19
SRSS148	GENMFA25MSDOES	815.0/0502466&3656	3				2				-1				-0.1		11
SRSS149	GENMFA25MSDOES	815.0/0502466&3656	2				12				-1				-0.1		17
SRSS150	GENMFA25MSDOES	815.0/0502466&3656	1				11				-1				-0.1		11
SRSS151	GENMFA25MSDOES	815.0/0502466&3656	-1				4				-1				-0.1		10
SRSS152	GENMFA25MSDOES	815.0/0502466&3656	3			8	67			74	-1			2	-0.1		12
SRSS153	GENMFA25MSDOES	815.0/0502466&3656	1				6				-1				-0.1		19
SRSS154	GENMFA25MSDOES	815.0/0502466&3656	1				1				-1				0.1		13
SRSS155	GENMFA25MSDOES	815.0/0502466&3656	2				2				-1				-0.1		18
SRSS156	GENMFA25MSDOES	815.0/0502466&3656	1				6				-1				-0.1		23
SRSS157	GENMFA25MSDOES	815.0/0502466&3656	4				20				-1				-0.1		13
SRSS158	GENMFA25MSDOES	815.0/0502466&3656	3				5				-1				-0.1		11
SRSS159	GENMFA25MSDOES	815.0/0502466&3656	-1				-1				-1				-0.1		4
SRSS160	GENMFA25MSDOES	815.0/0502466&3656	1				13				-1				-0.1		9
SRSS161	GENMFA25MSDOES	815.0/0502466&3656	-1				1				-1				-0.1		5
SRSS162	GENMFA25MSDOES	815.0/0502466&3656	1				3				-1				-0.1		6
SRSS163	GENMFA25MSDOES	815.0/0502466&3656	86				18				-1				-0.1		24
SRSS164	GENMFA25MSDOES	815.0/0502466&3656	4				6				-1				-0.1		20
SRSS165	GENMFA25MSDOES	815.0/0502466&3656	2				5				-1				-0.1		29
SRSS166	GENMFA25MSDOES	815.0/0502466&3656	2				11				-1				-0.1		40
SRSS167	GENMFA25MSDOES	815.0/0502466&3656	1176	177	500		26	32			-1	1			-0.1		41
SRSS168	GENMFA25MSDOES	815.0/0503484	-1			1	5			4	3			2	-0.1	-0.1	10
SRSS169	GENMFA25MSDOES	815.0/0503484	20				1				2				-0.1		17
SRSS170	GENMFA25MSDOES	815.0/0502466&3656	95				15				1				-0.1		30
SRSS171	GENMFA25MSDOES	815.0/0502466&3656	8				8				-1				-0.1		15
SRSS172	GENMFA25MSDOES	815.0/0502466&3656	5				14				-1				-0.1		41
SRSS173	GENMFA25MSDOES	815.0/0503484	3				5				2				-0.1		13
SRSS174	GENMFA25MSDOES	815.0/0503484	4				23				3				-0.1		17
SRSS175	GENMFA25MSDOES	815.0/0503484	4926		260		5				4				-0.1		18
SRSS176	GENMFA25MSDOES	815.0/0503484	118				5				3				-0.1		19
SRSS177	GENMFA25MSDOES	815.0/0503484	19				2				-1				-0.1		20
SRSS178	GENMFA25MSDOES	815.0/0502466&3656	3				19				-1				-0.1		35
SRSS179	GENMFA25MSDOES	815.0/0502466&3656	3				10				-1				-0.1		26
SRSS180	GENMFA25MSDOES	815.0/0503484	9				38				-1				-0.1		19
SRSS181	GENMFA25MSDOES	815.0/0502466&3656	7				7				2				-0.1		23
SRSS182	GENMFA25MSDOES	815.0/0502466&3656	3				7				-1				-0.1		32
SRSS183	GENMFA25MSDOES	815.0/0502466&3656	3				2				-1				-0.1		31
SRSS184	GENMFA25MSDOES	815.0/0502466&3656	2				1				-1				-0.1		29
SRSS185	GENMFA25MSDOES	815.0/0502466&3656	6				5				2				-0.1		31
SRSS186	GENMFA25MSDOES	815.0/0502466&3656	4			2	28			35	1			-1	-0.1		39
SRSS187	GENMFA25MSDOES	815.0/0502466&3656	2	4			127	146			-1	1			-0.1		29
SRSS188	GENMFA25MSDOES	815.0/0502466&3656	2				6				-1				-0.1		34
SRSS189	GENMFA25MSDOES	815.0/0502466&3656	1				5				-1				-0.1		32
SRSS190	GENMFA25MSDOES	815.0/0502466&3656	4				4				-1				-0.1		48
SRSS192	GENMFA25MSDOES	815.0/0503484	6				7				1				-0.1		18
SRSS192	GENMFA25MSDOES	815.0/0503484	6				7				1				-0.1		18
SRSS193	GENMFA25MSDOES	815.0/0502466&3656	2				3				-1				-0.1		22
SRSS194	GENMFA25MSDOES	815.0/0502466&3656	2				13				-1				-0.1		47
SRSS195	GENMFA25MSDOES	815.0/0502466&3656	4				31				-1				-0.1		26

Appendix C: Panned stream sediment sample details and assays

Sample	Ascheme	Batch	Au_ppb	Au_r1_ppb	Au_r2_ppb	Au_d_ppb	Pt_ppb	Pt_r1_ppb	Pt_r2_ppb	Pt_d_ppb	Pd_ppb	Pd_r1_ppb	Pd_r2_ppb	Pd_d_ppb	Ag_ppm	Ag_d_ppm	As ppm
SRSS196	GENMFA25MSDOES	815.0/0502466&3656	4				4				1				-0.1		24
SRSS197	GENMFA25MSDOES	815.0/0503484	5				2				1				-0.1		18
SRSS198	GENMFA25MSDOES	815.0/0503484	3				11				-1				-0.1		20
SRSS199	GENMFA25MSDOES	815.0/0502466&3656	4				18				2				-0.1		32
SRSS200	GENMFA25MSDOES	815.0/0503484	83				4				1				0.2		22
SRSS201	GENMFA25MSDOES	815.0/0503484	9				4				-1				0.1		22
SRSS202	GENMFA25MSDOES	815.0/0502466&3656	473	2239	1430		5	14			1	2			0.1		20
SRSS203	GENMFA25MSDOES	815.0/0502466&3656	7				7				3				-0.1		26
SRSS204	GENMFA25MSDOES	815.0/0502466&3656	6				2				-1				-0.1		28
SRSS205	GENMFA25MSDOES	815.0/0502466&3656	3				5				-1				-0.1		30
SRSS206	GENMFA25MSDOES	815.0/0502466&3656	2				11				-1				-0.1		30
SRSS207	GENMFA25MSDOES	815.0/0502466&3656	2				12				-1				-0.1		29
SRSS208	GENMFA25MSDOES	815.0/0502466&3656	2				4				-1				0.1		36
SRSS209	GENMFA25MSDOES	815.0/0503484	10				2				2				-0.1		20
SRSS210	GENMFA25MSDOES	815.0/0502466&3656	4				20				1				-0.1		24
SRSS211	GENMFA25MSDOES	815.0/0502466&3656	2				3				-1				-0.1		28
SRSS212	GENMFA25MSDOES	815.0/0502466&3656	4				6				-1				-0.1		28
SRSS213	GENMFA25MSDOES	815.0/0502466&3656	1				4				-1				-0.1		31
SRSS214	GENMFA25MSDOES	815.0/0502466&3656	2				3				-1				-0.1		22
SRSS215	GENMFA25MSDOES	815.0/0502466&3656	3				4				-1				-0.1		35
SRSS216	GENMFA25MSDOES	815.0/0502466&3656	1				42				-1				-0.1		18
SRSS217	GENMFA25MSDOES	815.0/0503484	4				4				1				-0.1		19
SRSS218	GENMFA25MSDOES	815.0/0502466&3656	1				52				-1				-0.1		38
SRSS219	GENMFA25MSDOES	815.0/0502466&3656	2			2	4			9	-1			-1	-0.1		19
SRSS220	GENMFA25MSDOES	815.0/0502466&3656	1				3				-1				-0.1		48
SRSS221	GENMFA25MSDOES	815.0/0502466&3656	5				35				2				-0.1		26
SRSS222	GENMFA25MSDOES	815.0/0503484	2				2				1				-0.1		23
SRSS223	GENMFA25MSDOES	815.0/0503484	91				7				1				-0.1		22
SRSS224	GENMFA25MSDOES	815.0/0503484	10				3				-1				-0.1		24
SRSS225	GENMFA25MSDOES	815.0/0503484	928				17				10				-0.1		59
SRSS227	GENMFA25MSDOES	815.0/0503484	34				12				3				-0.1		18
SRSS228	GENMFA25MSDOES	815.0/0503484	9				3				1				-0.1		22
SRSS229	GENMFA25MSDOES	815.0/0503484	5				12				-1				-0.1		15
SRSS230	GENMFA25MSDOES	815.0/0503484	216				18				3				0.2		19
SRSS231	GENMFA25MSDOES	815.0/0503484	4759	1219			167	61			1	1			0.1		24
SRSS232	GENMFA25MSDOES	815.0/0503484	1836				19				1				0.2		24
SRSS233	GENMFA25MSDOES	815.0/0503484	613				12				2				-0.1		28
SRSS234	GENMFA25MSDOES	815.0/0503484	1833		2320	2815	3			8	1			-1	-0.1	-0.1	26
SRSS235	GENMFA25MSDOES	815.0/0503484	106				24				2				-0.1		37
SRSS236	GENMFA25MSDOES	815.0/0503484	23				14				1				-0.1		78
SRSS237	GENMFA25MSDOES	815.0/0503484	13				13				-1				-0.1		16
SRSS238	GENMFA25MSDOES	815.0/0503484	11				-1				1				-0.1		17
SRSS239	GENMFA25MSDOES	815.0/0503484	4353		220		-1				1				-0.1		12

Appendix C: Panned stream sediment sample details and assays

Sample	As_d_ppm	Co_ppm	Co_d_ppm	Cr_ppm	Cr_d_ppm	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	S_%	S_d_%	Sn_ppm	Sn_d_ppm	W_ppm	W_d_ppm	Mo_ppm	Mo_d_ppm	Mn_ppm	Mn_d_ppm	Zn_ppm	Zn_d_ppm
SRSS001		-999		298570		-20		3978		-0.01		-999		-999		-999		-999		-999	
SRSS002		-999		221447		-20		5538		0.02		-999		-999		-999		-999		-999	
SRSS003		-999		303539		-20		2042		0.02		-999		-999		-999		-999		-999	
SRSS004		-999		281620		-20		2794		0.03		-999		-999		-999		-999		-999	
SRSS005		-999		313979		-20		3059		0.03		-999		-999		-999		-999		-999	
SRSS006		-999		256396		-20		586		0.02		-999		-999		-999		-999		-999	
SRSS007		-999		357148		-20		2007		0.01		-999		-999		-999		-999		-999	
SRSS008		-999		304963		-20		3743		0.02		-999		-999		-999		-999		-999	
SRSS009		-999		304323		-20		2812		0.02		-999		-999		-999		-999		-999	
SRSS010		-999		341458		-20		803		-0.01		-999		-999		-999		-999		-999	
SRSS011		-999		362429		-20		2769		0.02		-999		-999		-999		-999		-999	
SRSS012		-999		414564		-20		698		0.02		-999		-999		-999		-999		-999	
SRSS013		-999		401886		-20		1323		0.02		-999		-999		-999		-999		-999	
SRSS014		-999		410307		-20		1230		0.02		-999		-999		-999		-999		-999	
SRSS015		-999		306668		55		905		1.14		-999		-999		-999		-999		-999	
SRSS016		-999		293439		-20		790		0.01		-999		-999		-999		-999		-999	
SRSS017		-999		372267		-20		1357		0.06		-999		-999		-999		-999		-999	
SRSS018		-999		358778		-20		3318		0.03		-999		-999		-999		-999		-999	
SRSS019		-999		341410		-20		2034		0.02		-999		-999		-999		-999		-999	
SRSS020		-999		345778		-20		3022		0.02		-999		-999		-999		-999		-999	
SRSS021		-999		350496		-20		2794		0.03		-999		-999		-999		-999		-999	
SRSS022		-999		267996		-20		1600		-0.01		-999		-999		-999		-999		-999	
SRSS023		-999		239230		-20		1221		-0.01		-999		-999		-999		-999		-999	
SRSS024		-999		210845		-20		457		-0.01		-999		-999		-999		-999		-999	
SRSS025		-999		308903		-20		1744		0.02		-999		-999		-999		-999		-999	
SRSS026		-999		212123		-20		4129		0.01		-999		-999		-999		-999		-999	
SRSS027		-999		225783		-20		2324		-0.01		-999		-999		-999		-999		-999	
SRSS028		-999		130957		32		816		0.05		-999		-999		-999		-999		-999	
SRSS029		-999		216720		-20		4338		0.01		-999		-999		-999		-999		-999	
SRSS030		-999		290761		-20		478		0.02		-999		-999		-999		-999		-999	
SRSS031		-999		320238		-20		647		0.02		-999		-999		-999		-999		-999	
SRSS032		-999		302770		-20		404		0.03		-999		-999		-999		-999		-999	
SRSS033		-999		444502		-20		1375		-0.01		-999		-999		-999		-999		-999	
SRSS034		-999		458114		-20		710		-0.01		-999		-999		-999		-999		-999	
SRSS035		-999		378531		-20		1655		0.02		-999		-999		-999		-999		-999	
SRSS036		-999		446377		-20		1290		0.02		-999		-999		-999		-999		-999	
SRSS037		-999		392952		-20		3401		0.02		-999		-999		-999		-999		-999	
SRSS038		-999		417527		-20		1606		0.01		-999		-999		-999		-999		-999	
SRSS039		-999		325266		-20		3517		0.01		-999		-999		-999		-999		-999	
SRSS040		-999		271617		-20		2155		0.01		-999		-999		-999		-999		-999	
SRSS041		-999		348961		-20		1983		0.02		-999		-999		-999		-999		-999	
SRSS042		-999		150965		-20		1807		0.03		-999		-999		-999		-999		-999	
SRSS043		-999		193476		-20		1664		0.01		-999		-999		-999		-999		-999	
SRSS044		-999		131836		-20		10584		0.02		-999		-999		-999		-999		-999	
SRSS045		-999		245617		-20		3469		-0.01		-999		-999		-999		-999		-999	
SRSS046		-999		125286		-20		4043		0.03		-999		-999		-999		-999		-999	
SRSS047		-999		213385		22		1212		0.03		-999		-999		-999		-999		-999	
SRSS048		-999		228313		-20		522		-0.01		-999		-999		-999		-999		-999	
SRSS049		-999		174361		20		3516		-0.01		-999		-999		-999		-999		-999	

Appendix C: Panned stream sediment sample details and assays

Sample	As_d_ppm	Co_ppm	Co_d_ppm	Cr_ppm	Cr_d_ppm	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	S_%	S_d_%	Sn_ppm	Sn_d_ppm	W_ppm	W_d_ppm	Mo_ppm	Mo_d_ppm	Mn_ppm	Mn_d_ppm	Zn_ppm	Zn_d_ppm
SRSS050		-999		207145		-20		3343		0.02		-999		-999		-999		-999		-999	
SRSS051		-999		175805		-20		1590		0.03		-999		-999		-999		-999		-999	
SRSS052		-999		183730		-20		1396		0.02		-999		-999		-999		-999		-999	
SRSS053		-999		231379		-20		1541		-0.01		-999		-999		-999		-999		-999	
SRSS054		-999		188712		25		207		0.02		-999		-999		-999		-999		-999	
SRSS055		-999		171667		21		472		0.08		-999		-999		-999		-999		-999	
SRSS056		-999		265403		-20		2445		-0.01		-999		-999		-999		-999		-999	
SRSS057		-999		260509		-20		1928		0.01		-999		-999		-999		-999		-999	
SRSS058		-999		241612		-20		1854		-0.01		-999		-999		-999		-999		-999	
SRSS059		-999		171623		-20		1915		0.01		-999		-999		-999		-999		-999	
SRSS060		-999		166407		31		1392		0.02		-999		-999		-999		-999		-999	
SRSS061		-999		248425		-20		265		0.01		-999		-999		-999		-999		-999	
SRSS062		-999		273368		-20		214		-0.01		-999		-999		-999		-999		-999	
SRSS063		-999		206584		-20		224		-0.01		-999		-999		-999		-999		-999	
SRSS064		-999		320846		-20		274		-0.01		-999		-999		-999		-999		-999	
SRSS065		-999		357562		-20		298		-0.01		-999		-999		-999		-999		-999	
SRSS066		-999		239266		-20		4185		0.02		-999		-999		-999		-999		-999	
SRSS067		-999		348949		-20		1424		-0.01		-999		-999		-999		-999		-999	
SRSS068		-999		406615		-20		1013		-0.01		-999		-999		-999		-999		-999	
SRSS069		-999		246265		-20		2585		-0.01		-999		-999		-999		-999		-999	
SRSS070		-999		178130		38		212		0.02		-999		-999		-999		-999		-999	
SRSS071		-999		196640		23		1332		-0.01		-999		-999		-999		-999		-999	
SRSS072		-999		30034		-20		82		-0.01		-999		-999		-999		-999		-999	
SRSS073		-999		227884		-20		326		-0.01		-999		-999		-999		-999		-999	
SRSS074		-999		151000		26		1063		-0.01		-999		-999		-999		-999		-999	
SRSS075		-999		124752		25		408		0.01		-999		-999		-999		-999		-999	
SRSS076		-999		99663		-20		169		-0.01		-999		-999		-999		-999		-999	
SRSS077		-999		66076		21		191		-0.01		-999		-999		-999		-999		-999	
SRSS078		-999		73847		26		1069		0.01		-999		-999		-999		-999		-999	
SRSS079		-999		16138		32		117		-0.01		-999		-999		-999		-999		-999	
SRSS080		-999		60675		-20		3148		-0.01		-999		-999		-999		-999		-999	
SRSS081		-999		25123		22		76		-0.01		-999		-999		-999		-999		-999	
SRSS082		-999		1875		23		61		0.01		-999		-999		-999		-999		-999	
SRSS083		-999		66485		-20		356		-0.01		-999		-999		-999		-999		-999	
SRSS084		-999		110476		31		1896		0.03		-999		-999		-999		-999		-999	
SRSS085		-999		199791		30		590		0.01		-999		-999		-999		-999		-999	
SRSS086		-999		135607		32		1325		-0.01		-999		-999		-999		-999		-999	
SRSS087		-999		212872		-20		1968		-0.01		-999		-999		-999		-999		-999	
SRSS088		-999		226163		-20		1794		0.02		-999		-999		-999		-999		-999	
SRSS089		-999		194516		22		1854		0.02		-999		-999		-999		-999		-999	
SRSS090		-999		207087		-20		1530		-0.01		-999		-999		-999		-999		-999	
SRSS091		-999		143183		40		396		0.02		-999		-999		-999		-999		-999	
SRSS092		-999		178201		21		1809		-0.01		-999		-999		-999		-999		-999	
SRSS093		-999		95750		30		1680		0.02		-999		-999		-999		-999		-999	

Appendix C: Panned stream sediment sample details and assays

Sample	As_d_ppm	Co_ppm	Co_d_ppm	Cr_ppm	Cr_d_ppm	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	S_%	S_d_%	Sn_ppm	Sn_d_ppm	W_ppm	W_d_ppm	Mo_ppm	Mo_d_ppm	Mn_ppm	Mn_d_ppm	Zn_ppm	Zn_d_ppm
SRSS094		-999		12512		65		106		0.02		-999		-999		-999		-999		-999	
SRSS095		-999		1227		86		113		-0.01		-999		-999		-999		-999		-999	
SRSS096		-999		188061		27		2093		-0.01		-999		-999		-999		-999		-999	
SRSS097		-999		249312		27		1054		-0.01		-999		-999		-999		-999		-999	
SRSS098		-999		243181		22		1398		-0.01		-999		-999		-999		-999		-999	
SRSS099		-999		92334		44		1207		-0.01		-999		-999		-999		-999		-999	
SRSS100		-999		183436		21		1095		-0.01		-999		-999		-999		-999		-999	
SRSS101		-999		102342		36		3258		0.01		-999		-999		-999		-999		-999	
SRSS102		-999		180075		23		2711		-0.01		-999		-999		-999		-999		-999	
SRSS103		-999		134032		32		1773		-0.01		-999		-999		-999		-999		-999	
SRSS104		-999		139846		27		1704		-0.01		-999		-999		-999		-999		-999	
SRSS105		-999		155965		25		2258		-0.01		-999		-999		-999		-999		-999	
SRSS106		-999		166102		-20		4790		-0.01		-999		-999		-999		-999		-999	
SRSS107		-999		11469		68		168		-0.01		-999		-999		-999		-999		-999	
SRSS108		-999		61083		33		114		-0.01		-999		-999		-999		-999		-999	
SRSS109		-999		344169		50		1950		0.03		-999		-999		-999		-999		-999	
SRSS110		-999		212429		36		182		-0.01		-999		-999		-999		-999		-999	
SRSS111		-999		230292		29		1183		0.01		-999		-999		-999		-999		-999	
SRSS112		-999		197722		38		228		-0.01		-999		-999		-999		-999		-999	
SRSS113		-999		257558		-20		2466		0.01		-999		-999		-999		-999		-999	
SRSS114		-999		80252		-20		1887		0.02		-999		-999		-999		-999		-999	
SRSS115		-999		8463		44		139		0.01		-999		-999		-999		-999		-999	
SRSS116		-999		21492		30		102		-0.01		-999		-999		-999		-999		-999	
SRSS117		-999		22086		35		204		0.01		-999		-999		-999		-999		-999	
SRSS118		-999		8028		30		59		0.02		-999		-999		-999		-999		-999	
SRSS119		-999		214397		-20		976		0.01		-999		-999		-999		-999		-999	
SRSS120		-999		25487		75		1311		-0.01		-999		-999		-999		-999		-999	
SRSS121		-999		345986		-20		1035		0.03		-999		-999		-999		-999		-999	
SRSS122		-999		288797		-20		1006		0.11		-999		-999		-999		-999		-999	
SRSS123		-999		162546		-20		7925		0.02		-999		-999		-999		-999		-999	
SRSS124		-999		340278		-20		1452		0.01		-999		-999		-999		-999		-999	
SRSS125		-999		304712		-20		1780		0.03		-999		-999		-999		-999		-999	
SRSS126		225.3		179275	184511	-20	-20	318	344	-0.01	0.01	3		0.9		0.9		1147		641	
SRSS127		231.8		224972		-20		196		-0.01		8.1		1.2		0.5		1171		798	
SRSS128		167		131215		-20		413		-0.01		11.2		9.6		1		1074		584	
SRSS129		302.5		306124		-20		220		-0.01		6.5		0.7		0.3		1680		1054	
SRSS130		202.9		141770		-20		372		0.01		1.4		0.7		1.2		1631		683	
SRSS131		43.6		34439		-20		22		-0.01		65.2		122.9		0.4		357		174	
SRSS132		2.3		854		-20		-20		-0.01		23.7		104.1		0.9		228		16	
SRSS133		112.6		102784		-20		263		-0.01		61.5		7.7		0.3		818		761	
SRSS134		80		53998		29		93		-0.01		78.3		404.2		0.8		716		307	
SRSS135		96.8		99560		-20		77		-0.01		20.1		174		0.4		692		496	
SRSS136		51.8		22490		45		158		-0.01		4.5		3.8		2.3		1258		479	
SRSS137		71.3		68086		-20		40		-0.01		28.1		75.3		18.7		540		404	
SRSS138		84.5		77203		-20		128		-0.01		7.1		2.7		1.1		732		694	
SRSS139		288.8		282784		-20		290		0.01		9.6		1.6		0.2		1635		1822	
SRSS140		59.8		46464		-20		171		-0.01		8.6		5.6		0.8		529		349	
SRSS141		34.8		25163		-20		121		-0.01		7.3		2.5		0.3		311		210	
SRSS142		264.7		183318		-20		1087		-0.01		41.8		3.1		0.5		1621		1708	
SRSS143		211.8		150505		-20		548		0.02		57		4.9		0.4		1354		1289	
SRSS144		2.2		518		21		34		-0.01		5		1.9		0.9		127		17	
SRSS145		11.6		6263		-20		76		-0.01		15.1		56.9		0.4		276		61	

Appendix C: Panned stream sediment sample details and assays

Sample	As_d_ppm	Co_ppm	Co_d_ppm	Cr_ppm	Cr_d_ppm	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	S_%	S_d_%	Sn_ppm	Sn_d_ppm	W_ppm	W_d_ppm	Mo_ppm	Mo_d_ppm	Mn_ppm	Mn_d_ppm	Zn_ppm	Zn_d_ppm
SRSS146		86.9		61195		-20		365		0.02		111.1		737.5		0.9		697		334	
SRSS147		153.7		85804		26		552		0.03		1.7		6.8		1.3		1445		517	
SRSS148		74.9		47724		-20		294		0.04		11.7		21		1		554		349	
SRSS149		310.1		211680		-20		1156		0.02		18.9		5.6		0.3		1745		947	
SRSS150		151.4		77871		-20		598		0.03		11.9		167.5		1.3		926		375	
SRSS151		42.1		22086		-20		241		0.02		10.1		9.7		0.5		439		141	
SRSS152		169.3		57926	57392	-20	-20	1036	1088	0.05	0.02	29.1		25.2		0.5		1409		430	
SRSS153		173.6		97784		-20		471		0.03		1.3		1.2		1		1239		826	
SRSS154		210.8		81107		-20		1948		0.02		21.4		11.3		0.6		984		556	
SRSS155		36.4		584		50		114		0.03		2.8		0.7		1.5		1907		250	
SRSS156		333.6		150958		-20		4639		0.04		14.8		7.5		0.6		1833		789	
SRSS157		138.1		88106		-20		663		0.02		29		241.5		0.3		1001		515	
SRSS158		39.6		28537		-20		46		-0.01		19.5		26.3		0.8		838		195	
SRSS159		5.2		3606		-20		-20		0.02		4.7		5.6		0.3		527		40	
SRSS160		92.5		54703		23		460		0.01		11.5		3.9		1		659		278	
SRSS161		13.3		12189		-20		31		0.02		6.1		2.4		0.2		215		111	
SRSS162		31		27519		-20		50		0.02		11.7		20.5		0.3		476		172	
SRSS163		217.6		149128		-20		592		-0.01		135.8		626.6		0.4		1708		852	
SRSS164		155.9		102012		-20		502		-0.01		31.6		188.6		1		1037		592	
SRSS165		316.6		276886		-20		431		-0.01		19.8		11.7		0.3		1649		1117	
SRSS166		262.7		174384		-20		703		-0.01		79.5		129.6		0.9		1766		990	
SRSS167		271.1		196037		-20		523		-0.01		118.1		71.5		0.4		2298		1535	
SRSS168	14	205.2	202	137086	135906	-20	-20	435	423	0.01	-0.01	1.4	1.4	0.4	0.5	0.6	0.6	1371	1381	456	437
SRSS169		72.6		53547		-20		120		0.01		3		0.1		1.7		1297		333	
SRSS170		232.2		157760		-20		598		-0.01		88		173.1		0.8		1556		973	
SRSS171		126.1		76396		-20		315		-0.01		22.9		55.3		0.9		935		764	
SRSS172		241.2		155740		-20		784		0.03		63.1		87.6		1		1713		946	
SRSS173		395.2		312793		-20		1139		-0.01		0.6		-0.1		0.2		1870		910	
SRSS174		406.9		341454		-20		859		-0.01		0.9		-0.1		0.5		1930		915	
SRSS175		329.4		333169		-20		243		-0.01		0.9		0.1		0.2		1373		846	
SRSS176		401.6		316371		-20		979		0.02		0.7		-0.1		0.5		1930		934	
SRSS177		298.6		291294		-20		284		-0.01		1.8		0.5		0.3		1293		718	
SRSS178		504.6		273457		-20		2715		0.05		17.1		4.7		0.8		2314		1902	
SRSS179		516		296570		-20		2260		-0.01		19.1		3.6		0.4		2333		2000	
SRSS180		410.1		267173		-20		1190		-0.01		0.8		0.1		0.4		1866		858	
SRSS181		235.4		215224		-20		176		0.03		17.4		79.2		0.7		1249		944	
SRSS182		271.7		291761		-20		194		0.04		10		36		0.7		1373		1098	
SRSS183		57.7		66220		32		299		0.04		19		34.7		1.3		468		241	
SRSS184		65.1		59965		-20		546		0.04		14.1		14		1.2		566		235	
SRSS185		152.1		203466		27		650		0.04		21		23.1		1.1		1027		565	
SRSS186		251.5		112351	112490	-20	-20	1479	1466	0.06	0.05	21.5		10.3		1		1830		586	
SRSS187		182.6		253126		22		222		0.01		501.3		556.1		1		1178		812	
SRSS188		296.8		279108		-20		215		-0.01		14.4		16.5		0.8		1485		1025	
SRSS189		227.1		251050		20		280		-0.01		79.8		160.3		0.9		1320		926	
SRSS190		385.5		292409		-20		3457		-0.01		26.9		7.5		1.1		2844		1564	
SRSS192		450.5		240041		-20		1645		-0.01		0.7		-0.1		0.3		1848		753	
SRSS192		450.5		240041		-20		1645		-0.01		0.7		-0.1		0.3		1848		753	
SRSS193		267.1		234967		-20		151		0.02		19.6		24.3		0.7		1429		1042	
SRSS194		287.8		165047		-20		892		-0.01		8.7		8.9		1.3		1236		874	
SRSS195		323.7		283505		-20		137		0.01		17.6		11		0.6		1619		1097	

Appendix C: Panned stream sediment sample details and assays

Sample	As_d_ppm	Co_ppm	Co_d_ppm	Cr_ppm	Cr_d_ppm	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	S_%	S_d_%	Sn_ppm	Sn_d_ppm	W_ppm	W_d_ppm	Mo_ppm	Mo_d_ppm	Mn_ppm	Mn_d_ppm	Zn_ppm	Zn_d_ppm
SRSS196		256.3		213439		21		124		0.02		28.8		16		0.9		2012		1080	
SRSS197		391.8		291390		-20		754		-0.01		0.5		-0.1		0.2		1922		836	
SRSS198		410.6		319690		-20		522		-0.01		0.5		-0.1		0.2		2021		905	
SRSS199		421.6		224361		-20		2948		0.01		1.7		12.1		1		1777		761	
SRSS200		224.9		172672		-20		276		-0.01		3.3		2.5		1.2		1665		615	
SRSS201		311.7		224509		-20		622		-0.01		1.5		0.6		0.6		1603		1057	
SRSS202		54.4		34956		21		128		-0.01		3.1		1.1		1.5		946		229	
SRSS203		423.3		398516		35		376		0.03		6.6		14.5		0.8		2113		1541	
SRSS204		153.4		108603		-20		312		-0.01		14.3		20.4		0.8		933		581	
SRSS205		512.2		296288		-20		2416		0.01		17.3		8.5		0.7		2152		1614	
SRSS206		440.2		315574		-20		2132		0.01		25		3		0.8		2364		1994	
SRSS207		493.5		378023		-20		1278		0.02		13.5		1.8		0.6		2571		2063	
SRSS208		319.1		274362		-20		478		0.02		12.8		8.9		0.9		1592		1137	
SRSS209		127.3		94201		-20		143		-0.01		3.4		0.7		1.6		1246		417	
SRSS210		236.6		192679		-20		532		0.01		9.8		24		1		1243		831	
SRSS211		171.2		122859		-20		333		0.01		10.9		8.8		1.1		1025		558	
SRSS212		205.8		172481		-20		428		-0.01		8.3		14		2.5		1083		696	
SRSS213		202.4		160616		23		483		0.03		10.9		12.3		1		1204		676	
SRSS214		54.2		29218		36		200		-0.01		8.8		4.1		1.3		738		188	
SRSS215		231.2		182641		-20		502		-0.01		9		10		1.6		1304		728	
SRSS216		458.6		220949		-20		2367		0.03		0.6		1		0.7		2568		1001	
SRSS217		387.3		279418		-20		880		-0.01		0.7		-0.1		0.2		1899		859	
SRSS218		248.3		178105		22		575		0.02		11.1		11.8		1.4		1318		729	
SRSS219		69		47583	50778	-20	27	112	141	0.02	-0.01	2.5		1		1.3		901		239	
SRSS220		343.4		124092		-20		471		0.02		18.4		14.3		2.4		2223		1054	
SRSS221		382.2		252082		-20		881		0.02		10.3		12.9		0.7		1970		1335	
SRSS222		416.7		352910		-20		829		-0.01		0.7		-0.1		0.4		1774		875	
SRSS223		416.3		276627		-20		782		-0.01		0.7		-0.1		0.3		1893		1072	
SRSS224		353.3		297078		-20		386		-0.01		1.5		0.5		0.3		1565		834	
SRSS225		55.2		14943		30		154		0.08		1.8		0.3		1.7		2351		3000	
SRSS227		272.9		198458		-20		382		-0.01		1.3		0.3		0.7		1482		615	
SRSS228		168.4		59220		-20		688		-0.01		1.8		0.6		1.4		1070		295	
SRSS229		47.4		28090		28		61		0.04		2.9		0.7		1.5		1040		252	
SRSS230		271.1		255312		-20		136		-0.01		22.2		2.9		0.4		1222		890	
SRSS231		331.2		319941		-20		218		-0.01		42.6		2.7		0.4		1507		1041	
SRSS232		314.2		301798		-20		222		-0.01		51.2		2.3		0.5		1422		1014	
SRSS233		377.1		356267		-20		221		-0.01		25.6		0.7		0.5		1665		1138	
SRSS234	20	278.9	279	278944	278927	-20	-20	289	271	-0.01	-0.01	3.8	2.5	0.4	0.5	0.2	0.2	1137	1157	683	677
SRSS235		439.5		262638		-20		814		-0.01		13.6		16.5		0.7		2538		1475	
SRSS236		446.6		216235		-20		2095		-0.01		10.4		92.9		0.6		2495		1176	
SRSS237		196.7		54085		-20		1547		-0.01		4.2		4.2		1		1955		447	
SRSS238		42.9		1709		66		121		-0.01		3.8		1.6		2.1		2717		171	
SRSS239		26.6		8117		36		45		-0.01		2.7		0.7		1.4		960		172	

Appendix D: Rock chip sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Survey_accuracy	Description
SRG001	366863	5380010	AMG55 AGD66	GPS Garmin12XL	4	GN serpentinised UM, dk metalic grey veins and coatings from outcrop
SRG002	366676	5380372	AMG55 AGD66	GPS Garmin12XL	4	GN serpentinised UM, dk metalic grey veins and coatings from outcrop
SRG003	366825	5380603	AMG55 AGD66	GPS Garmin12XL	6	UM tremolite schist float
SRG004	367965	5379360	AMG55 AGD66	GPS Garmin12XL	10	Chromite rich sed. SS conglomerate in creek bar. Possible contaminant to SRSS 015
SRG005	367960	5379357	AMG55 AGD66	GPS Garmin12XL	9	Float fg WH/GY Quartzite in creek with VQ stringers.5 metres upstream from SRG004
SRG006	365490	5380733	AMG55 AGD66	GPS Garmin12XL	7	dk GN serpentinised UM, dk metalic grey veins and coatings from outcrop
SRG007	365518	5380749	AMG55 AGD66	GPS Garmin12XL	7	dk GN serpentinised UM, dk metalic grey veins and coatings from outcrop
SRG008	365521	5380747	AMG55 AGD66	GPS Garmin12XL	7	Boulder float from small ck cemented ferugenized laterite
SRG009	365463	5380745	AMG55 AGD66	GPS Garmin12XL	5	dk GN serpentinised UM, dk metalic grey veins and coatings from O/C
SRG010	364141	5382807	AMG55 AGD66	GPS Geko201	15	UM sample adjacent to large gypsum vein (10cm), abundant chromite up to 6mm
SRG011	364424	5382879	AMG55 AGD66	GPS Geko201	6	Fe hardcap, overlying red clay
SRG012	363510	5387480	AMG55 AGD66	GPS Geko201	-999	blocky vein containing large proportion of iron in UM, near granite contact
SRG013	361341	5386673	AMG55 AGD66	GPS Geko201	11	Grey nodules in UM in river base
SRG014	362914	5387944	AMG55 AGD66	GPS Geko201	15	fresh dark green UM containing unidentified silvery grains, sample collected near to granite vein
SRG015	361256	5387458	AMG55 AGD66	GPS Geko201	12	rock chip near contact with granite, green/turquoise veins, abundant chromite
SRG016	361979	5387140	AMG55 AGD66	GPS Geko201	6	weathered UM float containing large chromite grains >5mm next to site SRSS190
SRG017	364146	5387052	AMG55 AGD66	GPS Geko201	13	sample taken around dark band in marble base
SRG018	371800	5382600	AMG55 AGD66	GPS Geko201	-999	fresh UM from road cut, abundant chromite
SRG019	364146	5387052	AMG55 AGD66	GPS Geko201	13	marble with small grey sulphides
SRG020	362710	5386410	AMG55 AGD66	GPS Geko201	10	green weathered, UM, small chromite lenses. sandy sample
WR003	367607	5376923	AMG55 AGD66	GPS Geko201	4	weakly magnetic cemented black lateritic gravel
WR006	368194	5376279	AMG55 AGD66	GPS Garmin12XL	-999	cemented lateritic gravel with wt qz clasts
WR012	369000	5375709	AMG55 AGD66	GPS Geko201	5	chromite-rich outwash sands from active stream bed
WR018	366933	5376813	AMG55 AGD66	GPS Geko201	10	thin wt chloritic VQs in volcarenite
WR034	367150	5376900	AMG55 AGD66	GPS Geko201	-999	bright green serpentinite from ?shear zone at SW margin of Wilson River UM
WR041	367955	5379347	AMG55 AGD66	GPS Geko201	9	thin beds of chromite-rich pebbly sandstone within thin bedded siltstone & shale sequence

Appendix D: Rock chip sample details and assays

Sample	Sampled_by	Ascheme	Batch	Au_ppm	Au_r1_ppm	Au_r2_ppm	Au_d_ppm	Pt_ppm	Pt_r1_ppm	Pt_r2_ppm	Pt_d_ppm	Pd_ppm	Pd_r1_ppm	Pd_r2_ppm
SRG001	AHR, DPT	GENMFA25MSDOES	815.0/0403342	0.001			-0.001	0.002			0.002	-0.001		
SRG002	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.005				-0.001		
SRG003	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.001				-0.001		
SRG004	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.008				0.002		
SRG005	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.001				-0.001		
SRG006	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.006				0.001		
SRG007	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.004				-0.001		
SRG008	AHR, DPT	GENMFA25MSDOES	815.0/0403342	0.001				0.004				-0.001		
SRG009	AHR, DPT	GENMFA25MSDOES	815.0/0403342	-0.001				0.001				-0.001		
SRG010	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001			-0.001	0.001			-0.001	-0.001		
SRG011	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				0.002				-0.001		
SRG012	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				0.002		
SRG013	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG014	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG015	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG016	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG017	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG018	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG019	SRB, HNA	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
SRG020	SRB, HNB	GENMFA25MS&ATOES	815.0/0503485	-0.001				-0.001				-0.001		
WR003	AHR, SO	GENMFAM1	815.0/0500727	0.01				-999				-999		
WR006	AHR, SO	GENMFAM1	815.0/0500727	0.02				-999				-999		
WR012	AHR, SO	GENMFAM1	815.0/0500727	0.01				-999				-999		
WR018	AHR, SO	GENMFAM1	815.0/0500727	-0.01				-999				-999		
WR034	AHR, SO	GENMFAM1	815.0/0500727	0.05				-999				-999		
WR041	AHR, SO	GENMFAM1	815.0/0500727	-0.01				-999				-999		

Appendix D: Rock chip sample details and assays

Sample	Pd_d_ppm	Ag_ppm	As_ppm	Cr_ppm	Mo_ppm	Ni_ppm	Pb_ppm	Sn_ppm	W_ppm	Zn_ppm
SRG001	-0.001	-999	-999	3009	-999	3128	-999	-999	-999	-999
SRG002		-999	-999	2604	-999	2474	-999	-999	-999	-999
SRG003		-999	-999	4234	-999	751	-999	-999	-999	-999
SRG004		-999	-999	119139	-999	408	-999	-999	-999	-999
SRG005		-999	-999	426	-999	42	-999	-999	-999	-999
SRG006		-999	-999	3259	-999	2641	-999	-999	-999	-999
SRG007		-999	-999	3224	-999	3295	-999	-999	-999	-999
SRG008		-999	-999	43396	-999	2713	-999	-999	-999	-999
SRG009		-999	-999	2326	-999	3349	-999	-999	-999	-999
SRG010	-0.001	-1	23	6045	4	2599	7	-10	-10	38
SRG011		-1	46	7524	2	1133	-5	-10	-10	201
SRG012		-1	39	810	9	754	-5	14	17	73
SRG013		-1	50	896	5	1705	18	52	-10	136
SRG014		-1	18	1091	3	2418	7	-10	-10	39
SRG015		-1	177	1232	3	2260	12	-10	11	43
SRG016		-1	33	1419	3	2956	13	-10	-10	73
SRG017		1	38	444	9	860	-5	-10	12	41
SRG018		-1	17	4460	4	2334	10	-10	-10	37
SRG019		-1	36	21	-2	-1	-5	-10	17	17
SRG020		-1	21	5617	4	2499	13	-10	-10	48
WR003		-1	17	22983	-999	623	-5	-10	-999	157
WR006		-1	16	28847	-999	344	-5	-10	-999	174
WR012		-1	-5	120603	-999	132	-5	-10	-999	405
WR018		-1	-5	339	-999	58	32	-10	-999	57
WR034		-1	-5	1476	-999	2873	-5	-10	-999	16
WR041		-1	-5	54458	-999	530	24	-10	-999	555

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB001A	366239	5380378	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, shallow layer on UM
SRHB002A	366221	5380368	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn		humus, good layer of soil
SRHB003A	366201	5380356	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	dk bn	ultramafic	humus, soil between broken UM
SRHB004A	366185	5380355	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, soil between broken UM
SRHB005A	366161	5380347	AMG55 AGD66	GPS Garmin201	9	<10mm soil	5	dk bn	ultramafic	humus, soil between broken UM
SRHB006A	366146	5380319	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	dk bn	ultramafic	humus, soil between broken UM
SRHB007A	366127	5380303	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, soil between broken UM
SRHB008A	366105	5380293	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	rd bn	ultramafic	humus, UM clasts
SRHB009A	366092	5380274	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd bn	ultramafic	humus, UM clasts
SRHB010A	366069	5380261	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB011A	366052	5380243	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	dk bn	ultramafic	humus, minor UM clasts
SRHB012A	366036	5380219	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	dk bn	ultramafic	humus, minor UM clasts
SRHB013A	366016	5380203	AMG55 AGD66	GPS Garmin201	7	<10mm soil	5	rd bn		lateritic soil/clay, abundant chromite
SRHB014A	365995	5380200	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd bn		lateritic soil/clay, abundant chromite
SRHB015A	365978	5380168	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd bn		lateritic soil/clay, abundant chromite
SRHB016A	365957	5380166	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	bn pl		lateritic soil/clay, abundant chromite
SRHB017A	365940	5380148	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB018A	365918	5380143	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB019A	365903	5380136	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB020A	365873	5380126	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, high UM gravel fraction of sample
SRHB021A	365847	5380119	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB022A	365837	5380107	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB023A	365818	5380091	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB024A	365804	5380076	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB025A	365770	5380072	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB026A	365766	5380054	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB027A	365738	5380046	AMG55 AGD66	GPS Garmin201	11	<10mm soil	5	dk bn		humus, UM clasts
SRHB028A	365712	5380043	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	rd bn		lateritic soil/clay, abundant chromite
SRHB029A	365691	5380017	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn yw		lateritic soil/clay, abundant chromite
SRHB030A	365675	5380014	AMG55 AGD66	GPS Garmin201	11	<10mm soil	10	bn yw		lateritic soil/clay, abundant chromite
SRHB031A	365659	5379996	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	bn og		lateritic soil/clay
SRHB032A	365641	5379972	AMG55 AGD66	GPS Garmin201	15	<10mm soil	10	lt bn		clay
SRHB033A	365640	5379940	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn		clay
SRHB034A	365628	5379921	AMG55 AGD66	GPS Garmin201	14	<10mm soil	10	lt bn yw		clay
SRHB035A	365615	5379899	AMG55 AGD66	GPS Garmin201		<10mm soil	10	lt bn yw		clay
SRHB036A	365599	5379879	AMG55 AGD66	GPS Garmin201		<10mm soil	10	lt bn yw		clay
SRHB037A	365582	5379861	AMG55 AGD66	GPS Garmin201		<10mm soil	10	lt bn yw		clay
SRHB038A	368034	5378409	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd bn	ultramafic	lateritic soil/clay, UM gravel on surface
SRHB039A	368010	5378400	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB040A	367990	5378376	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd bn	ultramafic	lateritic soil/clay, UM clasts
SRHB041A	367969	5378365	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd bn		lateritic soil/clay, abundant chromite
SRHB042A	367952	5378352	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB043A	367930	5378340	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus
SRHB044A	367907	5378331	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd bn	magnetic laterite	lateritic soil/clay, small patch of magnetite gravel
SRHB045A	367893	5378304	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB046A	367872	5378298	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	rd bn		lateritic soil/clay, abundant chromite
SRHB047A	367850	5378288	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	yw		clay
SRHB048A	367835	5378273	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn		humus, abundant chromite

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB049A	367811	5378260	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd bn	ultramafic	lateritic soil/clay, abundant chromit, UM clasts
SRHB050A	367801	5378243	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus, UM clasts
SRHB051A	367769	5378229	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk rd	ultramafic	lateritic soil/clay, chromite,UM clasts
SRHB052A	367753	5378216	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd bn	ultramafic	humus, UM clasts
SRHB053A	367727	5378199	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd bn	ultramafic	humus, UM clasts
SRHB054A	367709	5378183	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	bn	ultramafic	humus, soil on highly weathered rock
SRHB055A	367692	5378160	AMG55 AGD66	GPS Garmin201	13	<10mm soil	10	rd		lateritic soil/clay
SRHB056A	367672	5378150	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd		lateritic soil/clay
SRHB057A	367650	5378143	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	rd	ultramafic	lateritic soil/clay, UM clasts
SRHB058A	367645	5378130	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus
SRHB059A	367612	5378102	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd bn		humus, chromite
SRHB060A	367597	5378101	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd bn	ultramafic	humus, UM chips in sample
SRHB061A	367573	5378083	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn og		humus
SRHB062A	367551	5378070	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus
SRHB063A	367533	5378062	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus, high organic matter
SRHB064A	367503	5378047	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus, high organic matter
SRHB065A	367484	5378040	AMG55 AGD66	GPS Garmin201	7	<10mm soil	5	rd bn	ultramafic	humus, UM clasts
SRHB066A	367471	5378006	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd	ultramafic	lateritic soil/clay, Weathered UM clasts
SRHB067A	367444	5377997	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn		humus
SRHB068A	368054	5378435	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	rd bn	ultramafic	humus, UM clasts
SRHB069A	368072	5378454	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB070A	368086	5378464	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB071A	368120	5378478	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB072A	368135	5378495	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus, UM chips in sample
SRHB073A	368154	5378502	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk rd bn		humus
SRHB074A	368166	5378515	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd		lateritic soil/clay, good layer of chromite rich soil
SRHB075A	368197	5378531	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn rd		lateritic soil/clay, good layer of chromite rich soil
SRHB076A	368194	5378542	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt gy		clay, chalky thick layer, strong odour
SRHB077A	368229	5378561	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	og	ultramafic	clay, clay, very weathered UM
SRHB078A	368235	5378566	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	wt gy		clay, chalky thick layer, strong odour
SRHB079A	368287	5378588	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	wt gy		clay, chalky thick layer, strong odour
SRHB080A	367420	5377990	AMG55 AGD66	GPS Garmin201		<10mm soil	5	dk bn		humus, boggy soil
SRHB081A	367400	5377970	AMG55 AGD66	GPS Garmin201		<10mm soil	5	og	ultramafic	clay, clay, very weathered UM
SRHB082A	367388	5377960	AMG55 AGD66	GPS Garmin201		<10mm soil	10	og	ultramafic	clay, clay, weathered UM
SRHB083A	367360	5377950	AMG55 AGD66	GPS Garmin201		<10mm soil	5	rd og	ultramafic	lateritic soil/clay, 5 cm of soil cover on UM
SRHB084A	367340	5377940	AMG55 AGD66	GPS Garmin201		<10mm soil	5	rd og	ultramafic	lateritic soil/clay, 5 cm soil on weathered UM
SRHB085A	367319	5377932	AMG55 AGD66	GPS Garmin201	15	<10mm soil	5	rd og	ultramafic	lateritic soil/clay, some UM chips in sample
SRHB086A	367300	5377916	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd og	ultramafic	lateritic soil/clay, high chromite, UM clasts
SRHB087A	367271	5377909	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	rd bn	ultramafic	lateritic soil/clay, shallow layer on UM
SRHB088A	367243	5377900	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	rd bn	ultramafic	lateritic soil/clay, weathered UM chips in sample
SRHB089A	367231	5377886	AMG55 AGD66	GPS Garmin201	11	<10mm soil	5	og		clay
SRHB090A	367211	5377865	AMG55 AGD66	GPS Garmin201	7	<10mm soil	5	rd	ultramafic	lateritic soil/clay, UM chips in sample
SRHB091A	367192	5377853	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	rd	ultramafic	lateritic soil/clay, shallow layer on UM
SRHB092A	367164	5377837	AMG55 AGD66	GPS Garmin201	14	<10mm soil	5	rd bn	ultramafic	lateritic soil/clay, shallow layer on UM
SRHB093A	367156	5377824	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	rd		lateritic soil/clay, chromite rich
SRHB094A	367138	5377808	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	rd	ultramafic	lateritic soil/clay, UM clasts
SRHB095A	367130	5377792	AMG55 AGD66	GPS Garmin201	7	<10mm soil	5	dk bn rd		humus
SRHB096A	367100	5377780	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk bn		humus

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB097A	367075	5377769	AMG55 AGD66	GPS Garmin201	11	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB098A	367053	5377775	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB099A	367029	5377744	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB100A	367005	5377751	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB101A	366987	5377720	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn rd		humus
SRHB102A	366965	5377704	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn rd		humus
SRHB103A	366950	5377687	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn rd		humus
SRHB104A	366923	5377675	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn rd		humus
SRHB105A	366913	5377655	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn rd		humus
SRHB106A	366888	5377632	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB107A	366872	5377602	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB108A	366850	5377580	AMG55 AGD66	GPS Garmin201		<10mm soil	10	pl dk bn	ultramafic	humus, UM clasts
SRHB109A	366840	5377560	AMG55 AGD66	GPS Garmin201		<10mm soil	10	pl dk bn	ultramafic	humus, UM clasts
SRHB110A	366820	5377530	AMG55 AGD66	GPS Garmin201		<10mm soil	10	pl dk bn	ultramafic	humus, UM clasts
SRHB111A	366800	5377510	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	ultramafic	humus, UM clasts
SRHB112A	366770	5377480	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	ultramafic	humus, UM clasts
SRHB113A	366760	5377470	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	ultramafic	humus, UM clasts
SRHB114A	366750	5377450	AMG55 AGD66	GPS Garmin201		<10mm soil	10	pl		humus
SRHB115A	366740	5377430	AMG55 AGD66	GPS Garmin201		<10mm soil	5	bn pl	ultramafic	humus, UM clasts
SRHB116A	366737	5377436	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	bn pl	ultramafic	humus, UM clasts
SRHB117A	366720	5377410	AMG55 AGD66	GPS Garmin201		<10mm soil	10	gy	ultramafic	humus, UM clasts
SRHB118A	366700	5377390	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	ultramafic	humus, some UM chips in sample
SRHB119A	366483	5380234	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample, sample beside rd
SRHB120A	366508	5380245	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM gravel on surface
SRHB121A	366517	5380257	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn	ultramafic	humus, UM clasts
SRHB122A	366547	5380269	AMG55 AGD66	GPS Garmin201	4	<10mm soil	10	bn og		humus
SRHB123A	366572	5380284	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	bn rd	ultramafic	humus, UM clasts
SRHB124A	366588	5380307	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn rd	ultramafic	humus, UM clasts
SRHB125A	366608	5380316	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB126A	366622	5380328	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus
SRHB127A	366642	5380338	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB128A	366660	5380351	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB129A	366678	5380369	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus, very light soil
SRHB130A	366694	5380387	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB131A	366715	5380400	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB132A	366740	5380414	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn	ultramafic	humus, some UM chips in sample
SRHB133A	366762	5380438	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB134A	366775	5380439	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus
SRHB135A	366796	5380452	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB136A	366808	5380463	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB137A	366833	5380484	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB138A	366857	5380517	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB139A	362731	5386506	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	og	lateritic gravel	lateritic soil/clay, lateritic gravel, clay
SRHB140A	362763	5386502	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB141A	362772	5386510	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn	ultramafic	humus, UM chips in sample
SRHB142A	362798	5386510	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	bn	ultramafic	humus, UM chips in sample
SRHB143A	362823	5386507	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	og bn	ultramafic	humus, UM chips in sample
SRHB144A	362840	5386505	AMG55 AGD66	GPS Garmin201	9	<10mm soil	5	bn	ultramafic	humus, majority UM chips

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB145A	362850	5386509	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	bn	ultramafic	humus, some UM chips in sample
SRHB146A	362879	5386508	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn	ultramafic	humus, some UM chips in sample
SRHB147A	362901	5386501	AMG55 AGD66	GPS Garmin201		<10mm soil	5	dk bn	ultramafic	humus, UM boulders on surface, highly organic soil
SRHB148A	362923	5386493	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, some UM chips in sample
SRHB149A	362976	5386482	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	og bn	ultramafic	humus, UM clasts
SRHB150A	363001	5386482	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	og bn	ultramafic	humus, UM clasts
SRHB151A	363029	5386479	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	bn	ultramafic	humus, sample from cracks in UM
SRHB152A	363049	5386470	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy bn		humus
SRHB153A	363064	5386468	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	bn	ultramafic	humus, UM clasts
SRHB154A	363099	5387819	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn	ultramafic	lateritic soil/clay, chromite rich, among large UM boulders
SRHB155A	363097	5387840	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn		lateritic soil/clay, high chromite
SRHB156A	363110	5387868	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	dk bn	ultramafic	humus, amongst UM boulders, high organic component
SRHB157A	363136	5387874	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn	ultramafic	humus, amongst UM boulders, high organic component
SRHB158A	363149	5387888	AMG55 AGD66	GPS Garmin201		<10mm soil	5	lt bn	ultramafic	humus, high organic, amongst UM basement
SRHB159A	363160	5387902	AMG55 AGD66	GPS Garmin201	15	<10mm soil	5	dk bn	ultramafic	humus, thin on UM base
SRHB160A	363183	5387918	AMG55 AGD66	GPS Garmin201	20	<10mm soil	5	lt bn	ultramafic	humus, high organic, amongst UM basement
SRHB161A	363195	5387935	AMG55 AGD66	GPS Garmin201	15	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB162A	363224	5387969	AMG55 AGD66	GPS Garmin201	15	<10mm soil	5	lt bn		clay
SRHB163A	363240	5387990	AMG55 AGD66	GPS Garmin201		<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB164A	363250	5388020	AMG55 AGD66	GPS Garmin201		<10mm soil	10	lt bn		humus
SRHB165A	363254	5388039	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM clasts
SRHB166A	363269	5388039	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB167A	363278	5388062	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	lt bn	ultramafic	humus, amongst UM boulders
SRHB168A	363302	5388070	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB169A	363309	5388083	AMG55 AGD66	GPS Garmin201	17	<10mm soil	10	yw bn	quartz	granite clay, quartz and granite clasts
SRHB170A	363325	5388105	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn		humus
SRHB171A	363344	5388123	AMG55 AGD66	GPS Garmin201	15	<10mm soil	10	og bn	ultramafic	clay, UM blocks in vicinity
SRHB172A	363351	5388133	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	og	ultramafic	clay, UM blocks in vicinity
SRHB173A	363371	5388151	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy bn	quartz	granite clay, quartz and granite clasts
SRHB174A	363390	5388156	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk gy	quartz	granite clay, quartz and granite clasts
SRHB175A	361260	5387096	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	bn	ultramafic	humus, UM scree on surface
SRHB176A	361235	5387093	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	bn	ultramafic	humus, UM scree on surface
SRHB177A	361211	5387100	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	bn	ultramafic	humus, UM scree on surface
SRHB178A	361192	5387107	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	bn	ultramafic	humus, UM scree on surface
SRHB179A	361164	5387124	AMG55 AGD66	GPS Garmin201	8	<10mm soil	5	og		clay, clay
SRHB180A	361151	5387126	AMG55 AGD66	GPS Garmin201	16	<10mm soil	5	dk bn	ultramafic	humus, amongst UM blocks
SRHB181A	361121	5387129	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM scree on surface
SRHB182A	361096	5387149	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	bn	granite	humus, granite rich
SRHB183A	361081	5387167	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	gy bn	granite	granite clay, granite rich
SRHB184A	361061	5387183	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	bn	granite	granite clay, sandy
SRHB185A	361036	5387166	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn	granite	granite clay, sandy
SRHB186A	361016	5387214	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn	granite	granite clay
SRHB187A	362087	5387786	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn og	ultramafic	humus, beside large UM basement outcrop
SRHB188A	362066	5387811	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	bn		humus
SRHB189A	362063	5387832	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	og bn	ultramafic	humus, UM clasts
SRHB190A	362044	5387852	AMG55 AGD66	GPS Garmin201	5	<10mm soil	5	og bn	ultramafic	humus, thin on UM base
SRHB191A	362025	5387877	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	og bn	ultramafic	humus, thin on UM base
SRHB192A	362018	5387888	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	og bn	ultramafic	humus, UM clasts

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB193A	362004	5387921	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	og bn	ultramafic	humus, UM chips in sample
SRHB194A	361986	5387940	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	og bn	ultramafic	humus, UM chips in sample
SRHB195A	361976	5387958	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB196A	361964	5387979	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	lt bn		humus
SRHB197A	361959	5387993	AMG55 AGD66	GPS Garmin201	13	<10mm soil	10	dk bn	ultramafic	humus, UM blocks in vicinity
SRHB198A	361956	5388010	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn		humus, boggy soil
SRHB199A	361963	5388047	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy	granite	granite clay, granite rich, boggy
SRHB200A	361950	5388074	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	dk bn	quartz	granite clay, quartz clasts
SRHB201A	363031	5385103	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	og		lateritic soil/clay, clay, by road
SRHB202A	366458	5308215	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	rd pl		lateritic soil/clay, good soil cover on UM
SRHB203A	366435	5380203	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	rd pl		lateritic soil/clay
SRHB204A	366411	5380193	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	rd pl	ultramafic	lateritic soil/clay, UM clasts
SRHB205A	366397	5380189	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, UM scree on surface, chips in sample, mostly soil
SRHB206A	366377	5380179	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB207A	366360	5380160	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	og bn	ultramafic	humus, UM chips in sample
SRHB208A	366346	5380149	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB209A	366327	5380136	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB210A	366310	5380123	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB211A	366286	5380112	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB212A	366868	5380534	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB213A	366896	5380537	AMG55 AGD66	GPS Garmin201	13	<10mm soil	5	dk bn	ultramafic	humus, UM chips in sample
SRHB214A	366912	5380554	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB215A	366934	5380560	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB216A	366961	5380569	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	dk bn	ultramafic	humus, UM chips in sample
SRHB217A	366978	5380584	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	gy		silty soil, silty soil, stream influenced
SRHB218A	366999	5380595	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy		silty soil, silty soil, stream influenced
SRHB219A	367017	5380604	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy		silty soil, silty soil, stream influenced
SRHB220A	367036	5380621	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy		silty soil, silty soil, stream influenced
SRHB221A	367062	5380639	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	gy		silty soil, silty soil, stream influenced
SRHB222A	367081	5380649	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus
SRHB223A	367097	5380655	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	bk		humus, rich soil
SRHB224A	367120	5380651	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bk		humus, rich soil
SRHB225A	367115	5380655	AMG55 AGD66	GPS Garmin201	14	<10mm soil	10	bk		humus, rich soil
SRHB226A	367160	5380670	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bk		humus, rich soil
SRHB227A	367184	5380683	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn		humus
SRHB228A	367214	5380692	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn		humus
SRHB229A	367240	5380718	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk bn		humus
SRHB230A	367260	5380730	AMG55 AGD66	GPS Garmin201		<10mm soil	10	gy		clay
SRHB231A	367290	5380750	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk bn		humus
SRHB232A	367283	5380774	AMG55 AGD66	GPS Garmin201		<10mm soil	10	gy		clay
SRHB233A	367360	5380790	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk bn		humus
SRHB234A	367360	5380800	AMG55 AGD66	GPS Garmin201		<10mm soil	10	gy bn		humus
SRHB235A	367348	5380766	AMG55 AGD66	GPS Garmin201	20	<10mm soil	10	bn gy	sandstone	humus, chips of sandstone in sample
SRHB236A	367357	5380814	AMG55 AGD66	GPS Garmin201	6	<10mm soil	5	bn		humus
SRHB237A	367382	5380848	AMG55 AGD66	GPS Garmin201	10	<10mm soil	5	dk bn		humus
SRHB238A	367406	5380867	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy bn		humus
SRHB239A	367418	5380882	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy bn		humus
SRHB240A	363086	5385100	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy	ultramafic	humus, UM clasts

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB241A	363106	5385088	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy bn	magnetic laterite	lateritic soil/clay, gravelly lateritic gravel in base of hole
SRHB242A	363121	5385091	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy lt bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB243A	363137	5385089	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	bn	ultramafic	humus, UM clasts
SRHB244A	363148	5385086	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	gy lt bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB245A	363178	5385089	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB246A	363197	5385096	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB247A	363222	5385095	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB248A	363242	5385095	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB249A	363269	5385091	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB250A	363290	5385087	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB251A	363305	5385073	AMG55 AGD66	GPS Garmin201	11	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB252A	363325	5385075	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB253A	363337	5385082	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB254A	363360	5385067	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB255A	363384	5385058	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	bn	magnetic laterite	lateritic soil/clay, magnitite rich lateritic gravel
SRHB256A	363405	5385046	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bn		lateritic soil/clay, magnitite rich lateritic gravel
SRHB257A	363434	5385047	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	lateritic soil/clay, UM clasts
SRHB258A	363466	5385045	AMG55 AGD66	GPS Garmin201	15	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB259A	363489	5385051	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB260A	363520	5385051	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	lt bn	magnetic laterite	lateritic soil/clay, lateritic gravel, clay
SRHB261A	363531	5385049	AMG55 AGD66	GPS Garmin201	16	<10mm soil	10	yw		humus, light soil
SRHB262A	363564	5385058	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	lt bn	ultramafic	humus, UM clasts
SRHB263A	363583	5385063	AMG55 AGD66	GPS Garmin201	12	<10mm soil	10	lt bn		clay
SRHB264A	363631	5385066	AMG55 AGD66	GPS Garmin201	16	<10mm soil	10	lt bn		clay
SRHB265A	363639	5385057	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	ultramafic	clay, clay, UM chips in sample
SRHB266A	363663	5385064	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy		clay
SRHB267A	363073	5386462	AMG55 AGD66	GPS Garmin201		<10mm soil	10	bn	ultramafic	clay, UM clasts
SRHB268A	363097	5386455	AMG55 AGD66	GPS Garmin201	18	<10mm soil	10	bn yw		clay
SRHB269A	363128	5386450	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bk	ultramafic	humus, crack in UM
SRHB270A	363144	5386462	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bn		humus lateritic soil/clay, clayey soil
SRHB271A	363172	5386472	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bn	ultramafic	humus lateritic soil/clay, UM clasts
SRHB272A	363186	5386486	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy		humus lateritic soil/clay, clayey soil
SRHB273A	363209	5386492	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy	ultramafic	clay, UM clasts
SRHB274A	363238	5386503	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	gy	ultramafic	clay, UM clasts
SRHB275A	363248	5386507	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	lt bn		humus
SRHB276A	363270	5386514	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn	ultramafic	humus, UM chips in sample
SRHB277A	363294	5386531	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn		humus
SRHB278A	363311	5386535	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn		humus, light soil
SRHB279A	363338	5386547	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn		humus
SRHB280A	363351	5386548	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn		humus
SRHB281A	363378	5386561	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn	ultramafic	humus, UM chips in sample
SRHB282A	363404	5386567	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn		humus
SRHB283A	363412	5386569	AMG55 AGD66	GPS Garmin201	34	<10mm soil	10	lt bn gy		clay
SRHB284A	363434	5386589	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	lt bn gy		clay
SRHB285A	363461	5386597	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	gy	ultramafic	clay, UM clasts
SRHB286A	363485	5386602	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	gy		clay
SRHB287A	363523	5386628	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	og bn	ultramafic	clay, UM clasts
SRHB288A	363539	5386626	AMG55 AGD66	GPS Garmin201	11	<10mm soil	10	og bn	ultramafic	clay, UM clasts

Appendix E: Aqua regia soil sample details and assays

Sample	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Sample_type	Depth_cm	Colour	Float	Description
SRHB289A	363551	5386629	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	yw og		clay
SRHB290A	363575	5386639	AMG55 AGD66	GPS Garmin201		<10mm soil	10	yw og		clay
SRHB291A	363601	5386654	AMG55 AGD66	GPS Garmin201	30	<10mm soil	5	wt		clay
SRHB292A	363622	5386667	AMG55 AGD66	GPS Garmin201		<10mm soil	10	wt		clay
SRHB293A	363645	5386683	AMG55 AGD66	GPS Garmin201		<10mm soil	10	yw		clay
SRHB294A	363665	5386699	AMG55 AGD66	GPS Garmin201		<10mm soil	10	og yw		clay
SRHB295A	363696	5385064	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	gy		clay
SRHB296A	363712	5385058	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	yw		clay
SRHB297A	363728	5385056	AMG55 AGD66	GPS Garmin201	15	<10mm soil	10	yw		clay
SRHB298A	363738	5385055	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn yw		clay
SRHB299A	363767	5385046	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	gy		clay
SRHB300A	363793	5385042	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt yw		clay
SRHB301A	363813	5385043	AMG55 AGD66	GPS Garmin201	7	<10mm soil	10	lt bn		clay
SRHB302A	363830	5385055	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	lt bn		clay
SRHB303A	363856	5385054	AMG55 AGD66	GPS Garmin201		<10mm soil	10	lt bn		clay
SRHB304A	363880	5385054	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	lt bn		clay
SRHB305A	363901	5385050	AMG55 AGD66	GPS Garmin201	11	<10mm soil	10	lt bn		clay
SRHB306A	363921	5385041	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	lt bn		clay
SRHB307A	363937	5385043	AMG55 AGD66	GPS Garmin201	15	<10mm soil	10	lt bn		clay
SRHB308A	363962	5385052	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	lt bn		clay
SRHB309A	363991	5385030	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	bn		humus
SRHB310A	364014	5385027	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bn		humus
SRHB311A	364044	5385013	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bn		humus
SRHB312A	362147	5385315	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	dk bn	ultramafic	humus, swampy, UM clasts
SRHB313A	362127	5385301	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, swampy, UM clasts
SRHB314A	362093	5385277	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus, swampy
SRHB315A	362088	5385286	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn		humus, swampy
SRHB316A	362058	5385269	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	bn		humus, dry
SRHB317A	362041	5385249	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk bn		humus, swampy
SRHB318A	362014	5385226	AMG55 AGD66	GPS Garmin201	23	<10mm soil	5	dk bn	ultramafic	humus, mud from between UM clasts, high water content
SRHB319A	361997	5385199	AMG55 AGD66	GPS Garmin201	18	<10mm soil	5	dk bn	ultramafic	humus, mud from between UM clasts, high water content
SRHB320A	361966	5385199	AMG55 AGD66	GPS Garmin201	22	<10mm soil	10	dk bn		humus, dry
SRHB321A	361944	5385197	AMG55 AGD66	GPS Garmin201	17	<10mm soil	10	dk gy		silty soil
SRHB322A	361924	5385182	AMG55 AGD66	GPS Garmin201		<10mm soil	10	dk gy		silty soil
SRHB323A	361898	5385170	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	bk		humus, mud
SRHB324A	361874	5385138	AMG55 AGD66	GPS Garmin201	10	<10mm soil	10	dk bn		humus
SRHB325A	361839	5385147	AMG55 AGD66	GPS Garmin201	9	<10mm soil	10	dk gy		silty soil
SRHB326A	361819	5385147	AMG55 AGD66	GPS Garmin201	8	<10mm soil	10	gy		silty soil
SRHB327A	361795	5385137	AMG55 AGD66	GPS Garmin201	5	<10mm soil	10	dk bn	ultramafic	humus, UM clasts
SRHB328A	363056	5385108	AMG55 AGD66	GPS Garmin201	6	<10mm soil	10	dk bn	ultramafic	humus, shallow on UM

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB001A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3238	3292
SRHB002A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	5621	
SRHB003A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3356	
SRHB004A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3736	
SRHB005A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2727	
SRHB006A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2200	
SRHB007A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3189	
SRHB008A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	4852	
SRHB009A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3727	
SRHB010A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3777	
SRHB011A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	4431	
SRHB012A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3493	
SRHB013A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3156	
SRHB014A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3317	
SRHB015A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2840	
SRHB016A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3025	
SRHB017A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2815	
SRHB018A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	4378	
SRHB019A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3559	
SRHB020A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2403	
SRHB021A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3895	
SRHB022A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2601	
SRHB023A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3242	
SRHB024A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	1723	
SRHB025A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2081	
SRHB026A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3493	
SRHB027A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	3672	3847
SRHB028A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	4715	
SRHB029A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	2393	
SRHB030A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	968	
SRHB031A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	115	
SRHB032A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	171	
SRHB033A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	82	
SRHB034A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	77	
SRHB035A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	57	
SRHB036A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	67	
SRHB037A	SRB, HB	10/04/2005	GENMBAAS	815.0/0503486	38	
SRHB038A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4028	
SRHB039A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4735	
SRHB040A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4683	
SRHB041A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4797	
SRHB042A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4563	
SRHB043A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5451	
SRHB044A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5197	
SRHB045A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4198	
SRHB046A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4175	
SRHB047A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4665	
SRHB048A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4892	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB049A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3379	
SRHB050A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5701	
SRHB051A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3340	
SRHB052A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	2991	
SRHB053A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4237	4758
SRHB054A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4111	
SRHB055A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5226	
SRHB056A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5792	
SRHB057A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4466	
SRHB058A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4188	
SRHB059A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4228	
SRHB060A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5376	
SRHB061A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5360	
SRHB062A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	2394	
SRHB063A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3333	
SRHB064A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	2851	
SRHB065A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3327	
SRHB066A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3734	
SRHB067A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	2019	
SRHB068A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4351	
SRHB069A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	3666	
SRHB070A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4098	
SRHB071A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5215	
SRHB072A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	5202	
SRHB073A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4908	
SRHB074A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	1437	
SRHB075A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	4668	
SRHB076A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	185	
SRHB077A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	80	
SRHB078A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	34	
SRHB079A	SRB, HB	11/04/2005	GENMBAAS	815.0/0503486	31	32
SRHB080A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3841	
SRHB081A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3800	
SRHB082A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4163	
SRHB083A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2755	
SRHB084A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3317	
SRHB085A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4859	
SRHB086A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3927	
SRHB087A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4621	
SRHB088A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	5637	
SRHB089A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4035	
SRHB090A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3704	
SRHB091A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	1750	
SRHB092A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	1577	
SRHB093A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2036	
SRHB094A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2654	
SRHB095A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2980	
SRHB096A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2282	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB097A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	1198	
SRHB098A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2018	
SRHB099A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3027	
SRHB100A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4022	
SRHB101A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3638	
SRHB102A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3390	
SRHB103A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3365	
SRHB104A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4952	
SRHB105A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3321	3456
SRHB106A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3957	
SRHB107A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3888	
SRHB108A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	5517	
SRHB109A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4221	
SRHB110A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3646	
SRHB111A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2153	
SRHB112A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3658	
SRHB113A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3868	
SRHB114A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	4085	
SRHB115A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3676	
SRHB116A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	3960	
SRHB117A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	452	
SRHB118A	SRB, HB	12/04/2005	GENMBAAS	815.0/0503486	2036	
SRHB119A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	5029	
SRHB120A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3907	
SRHB121A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2206	
SRHB122A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3304	
SRHB123A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	5097	
SRHB124A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3310	
SRHB125A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3678	
SRHB126A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3648	
SRHB127A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2015	
SRHB128A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3149	
SRHB129A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	1489	
SRHB130A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2110	
SRHB131A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2144	2115
SRHB132A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2398	
SRHB133A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3422	
SRHB134A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3895	
SRHB135A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	4024	
SRHB136A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3885	
SRHB137A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	2609	
SRHB138A	SRB, HB	13/04/2005	GENMBAAS	815.0/0503486	3644	
SRHB139A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3688	
SRHB140A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3499	
SRHB141A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3000	
SRHB142A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	2567	
SRHB143A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	4861	
SRHB144A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	2362	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB145A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3252	
SRHB146A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3956	
SRHB147A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3039	
SRHB148A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	2701	
SRHB149A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3575	
SRHB150A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	3570	
SRHB151A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	412	
SRHB152A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	305	
SRHB153A	SRB, HB	14/04/2005	GENMBAAS	815.0/0503486	2004	
SRHB154A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	2270	
SRHB155A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	2569	
SRHB156A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1669	
SRHB157A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1511	1619
SRHB158A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	218	
SRHB159A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1026	
SRHB160A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	767	
SRHB161A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1628	
SRHB162A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	178	
SRHB163A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	2055	
SRHB164A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1480	
SRHB165A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	1103	
SRHB166A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	2527	
SRHB167A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	391	
SRHB168A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	888	
SRHB169A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	102	
SRHB170A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	499	
SRHB171A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	241	
SRHB172A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	432	
SRHB173A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	40	
SRHB174A	SRB, HB	15/04/2005	GENMBAAS	815.0/0503486	9	
SRHB175A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	2614	
SRHB176A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	2219	
SRHB177A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	3327	
SRHB178A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	1623	
SRHB179A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	794	
SRHB180A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	3339	
SRHB181A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	2340	
SRHB182A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	424	
SRHB183A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	127	119
SRHB184A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	297	
SRHB185A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	85	
SRHB186A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	251	
SRHB187A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	447	
SRHB188A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	1315	
SRHB189A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	3122	
SRHB190A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	5041	
SRHB191A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	5666	
SRHB192A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	5383	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB193A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	2201	
SRHB194A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	4868	
SRHB195A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	2568	
SRHB196A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	256	
SRHB197A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	1802	
SRHB198A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	192	
SRHB199A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	37	
SRHB200A	SRB, HB	16/04/2005	GENMBAAS	815.0/0503486	24	
SRHB201A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	972	
SRHB202A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	4238	
SRHB203A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	4562	
SRHB204A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	4357	
SRHB205A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	1171	
SRHB206A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	2765	
SRHB207A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	2993	
SRHB208A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	3780	
SRHB209A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	4226	4102
SRHB210A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	3541	
SRHB211A	SRB, HB	19/04/2005	GENMBAAS	815.0/0503486	3961	
SRHB212A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	962	
SRHB213A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	2914	
SRHB214A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	3610	
SRHB215A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	3004	
SRHB216A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	1957	
SRHB217A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	16	
SRHB218A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	15	
SRHB219A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	8	
SRHB220A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	6	
SRHB221A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	39	
SRHB222A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	31	
SRHB223A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	20	
SRHB224A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	13	
SRHB225A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	5	
SRHB226A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	14	
SRHB227A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	9	
SRHB228A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	18	
SRHB229A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	20	
SRHB230A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	18	
SRHB231A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	17	
SRHB232A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	8	
SRHB233A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	7	
SRHB234A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	14	
SRHB235A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	8	12
SRHB236A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	12	
SRHB237A	SRB, HB	20/04/2005	GENMBAAS	815.0/0503486	3	
SRHB238A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	4	
SRHB239A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	11	
SRHB240A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	360	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB241A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	767	
SRHB242A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1146	
SRHB243A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1609	
SRHB244A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1347	
SRHB245A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1556	
SRHB246A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1325	
SRHB247A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1059	
SRHB248A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1275	
SRHB249A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	584	
SRHB250A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	366	
SRHB251A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	444	
SRHB252A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	479	
SRHB253A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	569	
SRHB254A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	686	
SRHB255A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	871	
SRHB256A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1215	
SRHB257A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	4860	
SRHB258A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1049	
SRHB259A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1242	
SRHB260A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1399	
SRHB261A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	451	439
SRHB262A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1429	
SRHB263A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	347	
SRHB264A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	880	
SRHB265A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	911	
SRHB266A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	83	
SRHB267A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	1738	
SRHB268A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	572	
SRHB269A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	371	
SRHB270A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	197	
SRHB271A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	286	
SRHB272A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	293	
SRHB273A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	198	
SRHB274A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	197	
SRHB275A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	533	
SRHB276A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	719	
SRHB277A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	867	
SRHB278A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	749	
SRHB279A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	508	
SRHB280A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	333	
SRHB281A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	613	
SRHB282A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	433	
SRHB283A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	223	
SRHB284A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	176	
SRHB285A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	451	
SRHB286A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	199	
SRHB287A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	57	58
SRHB288A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	47	

Appendix E: Aqua regia soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Ni_ppm	Ni_d_ppm
SRHB289A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	66	
SRHB290A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	26	
SRHB291A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	38	
SRHB292A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	53	
SRHB293A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	51	
SRHB294A	SRB, HB	22/04/2005	GENMBAAS	815.0/0503486	67	
SRHB295A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	32	
SRHB296A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	54	
SRHB297A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	187	
SRHB298A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	1012	
SRHB299A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	53	
SRHB300A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	144	
SRHB301A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	187	
SRHB302A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	104	
SRHB303A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	103	
SRHB304A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	38	
SRHB305A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	32	
SRHB306A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	37	
SRHB307A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	60	
SRHB308A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	70	
SRHB309A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	354	
SRHB310A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	212	
SRHB311A	SRB, HB	23/04/2005	GENMBAAS	815.0/0503486	199	
SRHB312A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	37	
SRHB313A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	29	32
SRHB314A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	32	
SRHB315A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	22	
SRHB316A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	37	
SRHB317A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	18	
SRHB318A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	47	
SRHB319A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	33	
SRHB320A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	7	
SRHB321A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	8	
SRHB322A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	13	
SRHB323A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	36	
SRHB324A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	37	
SRHB325A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	10	
SRHB326A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	15	
SRHB327A	SRB, HB	24/04/2005	GENMBAAS	815.0/0503486	38	
SRHB328A	SRB, HB	21/04/2005	GENMBAAS	815.0/0503486	1909	

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB001B	Serpentine Ridge north	366239	5380378	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, shallow layer on UM
SRHB002B	Serpentine Ridge north	366221	5380368	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil		HU-UM	humus, good layer of soil
SRHB003B	Serpentine Ridge north	366201	5380356	AMG55 AGD66	GPS Garmin201	9	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, soil between broken UM
SRHB004B	Serpentine Ridge north	366185	5380355	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, soil between broken UM
SRHB005B	Serpentine Ridge north	366161	5380347	AMG55 AGD66	GPS Garmin201	9	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, soil between broken UM
SRHB006B	Serpentine Ridge north	366146	5380319	AMG55 AGD66	GPS Garmin201	9	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, soil between broken UM
SRHB007B	Serpentine Ridge north	366127	5380303	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, soil between broken UM
SRHB008B	Serpentine Ridge north	366105	5380293	AMG55 AGD66	GPS Garmin201	10	5	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB009B	Serpentine Ridge north	366092	5380274	AMG55 AGD66	GPS Garmin201	10	10	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB010B	Serpentine Ridge north	366069	5380261	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB011B	Serpentine Ridge north	366052	5380243	AMG55 AGD66	GPS Garmin201	8	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, minor UM clasts
SRHB012B	Serpentine Ridge north	366036	5380219	AMG55 AGD66	GPS Garmin201	5	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, minor UM clasts
SRHB013B	Serpentine Ridge north	366016	5380203	AMG55 AGD66	GPS Garmin201	7	5	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB014B	Serpentine Ridge north	365995	5380200	AMG55 AGD66	GPS Garmin201	6	10	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB015B	Serpentine Ridge north	365978	5380168	AMG55 AGD66	GPS Garmin201	10	10	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB016B	Serpentine Ridge north	365957	5380166	AMG55 AGD66	GPS Garmin201	8	5	bn pl	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB017B	Serpentine Ridge north	365940	5380148	AMG55 AGD66	GPS Garmin201	8	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB018B	Serpentine Ridge north	365918	5380143	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB019B	Serpentine Ridge north	365903	5380136	AMG55 AGD66	GPS Garmin201	8	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB020B	Serpentine Ridge north	365873	5380126	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, high UM gravel fraction of sample
SRHB021B	Serpentine Ridge north	365847	5380119	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB022B	Serpentine Ridge north	365837	5380107	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB023B	Serpentine Ridge north	365818	5380091	AMG55 AGD66	GPS Garmin201	5	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB024B	Serpentine Ridge north	365804	5380076	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB025B	Serpentine Ridge north	365770	5380072	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB026B	Serpentine Ridge north	365766	5380054	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB027B	Serpentine Ridge north	365738	5380046	AMG55 AGD66	GPS Garmin201	11	5	dk bn	<10mm soil		HU-UM	humus, UM clasts
SRHB028B	Serpentine Ridge north	365712	5380043	AMG55 AGD66	GPS Garmin201	10	5	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB029B	Serpentine Ridge north	365691	5380017	AMG55 AGD66	GPS Garmin201	10	10	bn yw	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB030B	Serpentine Ridge north	365675	5380014	AMG55 AGD66	GPS Garmin201	11	10	bn yw	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB031B	Serpentine Ridge north	365659	5379996	AMG55 AGD66	GPS Garmin201	10	5	bn og	<10mm soil		RL	lateritic soil/clay
SRHB032B	Serpentine Ridge north	365641	5379972	AMG55 AGD66	GPS Garmin201	15	10	lt bn	<10mm soil		RC	clay
SRHB033B	Serpentine Ridge north	365640	5379940	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil		RC	clay
SRHB034B	Serpentine Ridge north	365628	5379921	AMG55 AGD66	GPS Garmin201	14	10	lt bn yw	<10mm soil		RC	clay
SRHB035B	Serpentine Ridge north	365615	5379899	AMG55 AGD66	GPS Garmin201		10	lt bn yw	<10mm soil		RC	clay
SRHB036B	Serpentine Ridge north	365599	5379879	AMG55 AGD66	GPS Garmin201		10	lt bn yw	<10mm soil		RC	clay
SRHB037B	Serpentine Ridge north	365582	5379861	AMG55 AGD66	GPS Garmin201		10	lt bn yw	<10mm soil		RC	clay
SRHB038B	Serpentine Ridge south	368034	5378409	AMG55 AGD66	GPS Garmin201	6	10	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, UM gravel on surface
SRHB039B	Serpentine Ridge south	368010	5378400	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB040B	Serpentine Ridge south	367990	5378376	AMG55 AGD66	GPS Garmin201	6	10	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, UM clasts
SRHB041B	Serpentine Ridge south	367969	5378365	AMG55 AGD66	GPS Garmin201	7	10	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB042B	Serpentine Ridge south	367952	5378352	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB043B	Serpentine Ridge south	367930	5378340	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU	humus
SRHB044B	Serpentine Ridge south	367907	5378331	AMG55 AGD66	GPS Garmin201	6	10	rd bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, small patch of magnetite gravel
SRHB045B	Serpentine Ridge south	367893	5378304	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB046B	Serpentine Ridge south	367872	5378298	AMG55 AGD66	GPS Garmin201	8	10	rd bn	<10mm soil		RL	lateritic soil/clay, abundant chromite
SRHB047B	Serpentine Ridge south	367850	5378288	AMG55 AGD66	GPS Garmin201	7	10	yw	<10mm soil		RC	clay
SRHB048B	Serpentine Ridge south	367835	5378273	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil		HU	humus, abundant chromite

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB049B	Serpentine Ridge south	367811	5378260	AMG55 AGD66	GPS Garmin201	7	10	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, abundant chromite, UM clasts
SRHB050B	Serpentine Ridge south	367801	5378243	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU-UM	humus, UM clasts
SRHB051B	Serpentine Ridge south	367769	5378229	AMG55 AGD66	GPS Garmin201	7	10	dk rd	<10mm soil	ultramafic	RL	lateritic soil/clay, chromite,UM clasts
SRHB052B	Serpentine Ridge south	367753	5378216	AMG55 AGD66	GPS Garmin201	7	10	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB053B	Serpentine Ridge south	367727	5378199	AMG55 AGD66	GPS Garmin201	10	10	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB054B	Serpentine Ridge south	367709	5378183	AMG55 AGD66	GPS Garmin201	7	10	bn	<10mm soil	ultramafic	HU-UM	humus, soil on highly weathered rock
SRHB055B	Serpentine Ridge south	367692	5378160	AMG55 AGD66	GPS Garmin201	13	10	rd	<10mm soil		RL	lateritic soil/clay
SRHB056B	Serpentine Ridge south	367672	5378150	AMG55 AGD66	GPS Garmin201	10	10	rd	<10mm soil		RL	lateritic soil/clay
SRHB057B	Serpentine Ridge south	367650	5378143	AMG55 AGD66	GPS Garmin201	8	10	rd	<10mm soil	ultramafic	RL	lateritic soil/clay, UM clasts
SRHB058B	Serpentine Ridge south	367645	5378130	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus
SRHB059B	Serpentine Ridge south	367612	5378102	AMG55 AGD66	GPS Garmin201	6	10	rd bn	<10mm soil		HU	humus, chromite
SRHB060B	Serpentine Ridge south	367597	5378101	AMG55 AGD66	GPS Garmin201	7	10	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB061B	Serpentine Ridge south	367573	5378083	AMG55 AGD66	GPS Garmin201	10	10	bn og	<10mm soil		HU	humus
SRHB062B	Serpentine Ridge south	367551	5378070	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU	humus
SRHB063B	Serpentine Ridge south	367533	5378062	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU	humus, high organic matter
SRHB064B	Serpentine Ridge south	367503	5378047	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU	humus, high organic matter
SRHB065B	Serpentine Ridge south	367484	5378040	AMG55 AGD66	GPS Garmin201	7	5	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB066B	Serpentine Ridge south	367471	5378006	AMG55 AGD66	GPS Garmin201	10	10	rd	<10mm soil	ultramafic	RL	lateritic soil/clay, Weathered UM clasts
SRHB067B	Serpentine Ridge south	367444	5377997	AMG55 AGD66	GPS Garmin201	10	10	bn	<10mm soil		HU	humus
SRHB068B	Serpentine Ridge south	368054	5378435	AMG55 AGD66	GPS Garmin201	5	5	rd bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB069B	Serpentine Ridge south	368072	5378454	AMG55 AGD66	GPS Garmin201	9	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB070B	Serpentine Ridge south	368086	5378464	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB071B	Serpentine Ridge south	368120	5378478	AMG55 AGD66	GPS Garmin201	8	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB072B	Serpentine Ridge south	368135	5378495	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU-UM	humus, UM chips in sample
SRHB073B	Serpentine Ridge south	368154	5378502	AMG55 AGD66	GPS Garmin201	10	10	dk rd bn	<10mm soil		HU	humus
SRHB074B	Serpentine Ridge south	368166	5378515	AMG55 AGD66	GPS Garmin201	7	10	rd	<10mm soil		RL	lateritic soil/clay, good layer of chromite rich soil
SRHB075B	Serpentine Ridge south	368197	5378531	AMG55 AGD66	GPS Garmin201	10	10	dk bn rd	<10mm soil		RL	lateritic soil/clay, good layer of chromite rich soil
SRHB076B	Serpentine Ridge south	368194	5378542	AMG55 AGD66	GPS Garmin201	6	10	lt gy	<10mm soil		RC	clay, chalky thick layer, strong odour
SRHB077B	Serpentine Ridge south	368229	5378561	AMG55 AGD66	GPS Garmin201	10	5	og	<10mm soil	ultramafic	RC-UM	clay, very weathered UM
SRHB078B	Serpentine Ridge south	368235	5378566	AMG55 AGD66	GPS Garmin201	6	5	wt gy	<10mm soil		RC	clay, chalky thick layer, strong odour
SRHB079B	Serpentine Ridge south	368287	5378588	AMG55 AGD66	GPS Garmin201	8	5	wt gy	<10mm soil		RC	clay, chalky thick layer, strong odour
SRHB080B	Serpentine Ridge south	367420	5377990	AMG55 AGD66	GPS Garmin201		5	dk bn	<10mm soil		HU	humus, boggy soil
SRHB081B	Serpentine Ridge south	367400	5377970	AMG55 AGD66	GPS Garmin201		5	og	<10mm soil	ultramafic	RC-UM	clay, very weathered UM
SRHB082B	Serpentine Ridge south	367388	5377960	AMG55 AGD66	GPS Garmin201		10	og	<10mm soil	ultramafic	RC-UM	clay, weathered UM
SRHB083B	Serpentine Ridge south	367360	5377950	AMG55 AGD66	GPS Garmin201		5	rd og	<10mm soil	ultramafic	RL	lateritic soil/clay, 5 cm of soil cover on UM
SRHB084B	Serpentine Ridge south	367340	5377940	AMG55 AGD66	GPS Garmin201		5	rd og	<10mm soil	ultramafic	RL	lateritic soil/clay, 5 cm soil on weathered UM
SRHB085B	Serpentine Ridge south	367319	5377932	AMG55 AGD66	GPS Garmin201	15	5	rd og	<10mm soil	ultramafic	RL	lateritic soil/clay, some UM chips in sample
SRHB086B	Serpentine Ridge south	367300	5377916	AMG55 AGD66	GPS Garmin201	10	10	rd og	<10mm soil	ultramafic	RL	lateritic soil/clay, high chromite, UM clasts
SRHB087B	Serpentine Ridge south	367271	5377909	AMG55 AGD66	GPS Garmin201	10	5	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, shallow layer on UM
SRHB088B	Serpentine Ridge south	367243	5377900	AMG55 AGD66	GPS Garmin201	8	5	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, weathered UM chips in sample
SRHB089B	Serpentine Ridge south	367231	5377886	AMG55 AGD66	GPS Garmin201	11	5	og	<10mm soil		RC	clay
SRHB090B	Serpentine Ridge south	367211	5377865	AMG55 AGD66	GPS Garmin201	7	5	rd	<10mm soil	ultramafic	RL	lateritic soil/clay, UM chips in sample
SRHB091B	Serpentine Ridge south	367192	5377853	AMG55 AGD66	GPS Garmin201	8	5	rd	<10mm soil	ultramafic	RL	lateritic soil/clay, shallow layer on UM

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB092B	Serpentine Ridge south	367164	5377837	AMG55 AGD66	GPS Garmin201	14	5	rd bn	<10mm soil	ultramafic	RL	lateritic soil/clay, shallow layer on UM
SRHB093B	Serpentine Ridge south	367156	5377824	AMG55 AGD66	GPS Garmin201	10	10	rd	<10mm soil		RL	lateritic soil/clay, chromite rich
SRHB094B	Serpentine Ridge south	367138	5377808	AMG55 AGD66	GPS Garmin201	7	10	rd	<10mm soil	ultramafic	RL	lateritic soil/clay, UM clasts
SRHB095B	Serpentine Ridge south	367130	5377792	AMG55 AGD66	GPS Garmin201	7	5	dk bn rd	<10mm soil		HU	humus
SRHB096B	Serpentine Ridge south	367100	5377780	AMG55 AGD66	GPS Garmin201		10	dk bn	<10mm soil		HU	humus
SRHB097B	Serpentine Ridge south	367075	5377769	AMG55 AGD66	GPS Garmin201	11	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB098B	Serpentine Ridge south	367053	5377775	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB099B	Serpentine Ridge south	367029	5377744	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB100B	Serpentine Ridge south	367005	5377751	AMG55 AGD66	GPS Garmin201	12	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB101B	Serpentine Ridge south	366987	5377720	AMG55 AGD66	GPS Garmin201	8	10	dk bn rd	<10mm soil		HU	humus
SRHB102B	Serpentine Ridge south	366965	5377704	AMG55 AGD66	GPS Garmin201	6	10	dk bn rd	<10mm soil		HU	humus
SRHB103B	Serpentine Ridge south	366950	5377687	AMG55 AGD66	GPS Garmin201	7	10	dk bn rd	<10mm soil		HU	humus
SRHB104B	Serpentine Ridge south	366923	5377675	AMG55 AGD66	GPS Garmin201	8	10	dk bn rd	<10mm soil		HU	humus
SRHB105B	Serpentine Ridge south	366913	5377655	AMG55 AGD66	GPS Garmin201	8	10	dk bn rd	<10mm soil		HU	humus
SRHB106B	Serpentine Ridge south	366888	5377632	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB107B	Serpentine Ridge south	366872	5377602	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB108B	Serpentine Ridge south	366850	5377580	AMG55 AGD66	GPS Garmin201		10	pl dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB109B	Serpentine Ridge south	366840	5377560	AMG55 AGD66	GPS Garmin201		10	pl dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB110B	Serpentine Ridge south	366820	5377530	AMG55 AGD66	GPS Garmin201		10	pl dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB111B	Serpentine Ridge south	366800	5377510	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB112B	Serpentine Ridge south	366770	5377480	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB113B	Serpentine Ridge south	366760	5377470	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB114B	Serpentine Ridge south	366750	5377450	AMG55 AGD66	GPS Garmin201		10	pl	<10mm soil		HU	humus
SRHB115B	Serpentine Ridge south	366740	5377430	AMG55 AGD66	GPS Garmin201		5	bn pl	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB116B	Serpentine Ridge south	366737	5377436	AMG55 AGD66	GPS Garmin201	8	5	bn pl	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB117B	Serpentine Ridge south	366720	5377410	AMG55 AGD66	GPS Garmin201		10	gy	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB118B	Serpentine Ridge south	366700	5377390	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB119B	Serpentine Ridge north	366483	5380234	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample, beside road
SRHB120B	Serpentine Ridge north	366508	5380245	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM gravel on surface
SRHB121B	Serpentine Ridge north	366517	5380257	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB122B	Serpentine Ridge north	366547	5380269	AMG55 AGD66	GPS Garmin201	4	10	bn og	<10mm soil		HU	humus
SRHB123B	Serpentine Ridge north	366572	5380284	AMG55 AGD66	GPS Garmin201	5	10	bn rd	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB124B	Serpentine Ridge north	366588	5380307	AMG55 AGD66	GPS Garmin201	10	10	bn rd	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB125B	Serpentine Ridge north	366608	5380316	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB126B	Serpentine Ridge north	366622	5380328	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus
SRHB127B	Serpentine Ridge north	366642	5380338	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB128B	Serpentine Ridge north	366660	5380351	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB129B	Serpentine Ridge north	366678	5380369	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus, very light soil
SRHB130B	Serpentine Ridge north	366694	5380387	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB131B	Serpentine Ridge north	366715	5380400	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB132B	Serpentine Ridge north	366740	5380414	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB133B	Serpentine Ridge north	366762	5380438	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB134B	Serpentine Ridge north	366775	5380439	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus
SRHB135B	Serpentine Ridge north	366796	5380452	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB136B	Serpentine Ridge north	366808	5380463	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB137B	Serpentine Ridge north	366833	5380484	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB138B	Serpentine Ridge north	366857	5380517	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB139B	Websterite Hill	362731	5386506	AMG55 AGD66	GPS Garmin201	5	5	og	<10mm soil	lateritic gravel	RL	lateritic soil/clay, lateritic gravel, clay
SRHB140B	Websterite Hill	362763	5386502	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB141B	Websterite Hill	362772	5386510	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB142B	Websterite Hill	362798	5386510	AMG55 AGD66	GPS Garmin201	7	10	bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB143B	Websterite Hill	362823	5386507	AMG55 AGD66	GPS Garmin201	8	5	og bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB144B	Websterite Hill	362840	5386505	AMG55 AGD66	GPS Garmin201	9	5	bn	<10mm soil	ultramafic	HU-UM	humus, majority UM chips
SRHB145B	Websterite Hill	362850	5386509	AMG55 AGD66	GPS Garmin201	9	10	bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB146B	Websterite Hill	362879	5386508	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB147B	Websterite Hill	362901	5386501	AMG55 AGD66	GPS Garmin201		5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM boulders on surface, highly organic soil
SRHB148B	Websterite Hill	362923	5386493	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, some UM chips in sample
SRHB149B	Websterite Hill	362976	5386482	AMG55 AGD66	GPS Garmin201	6	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB150B	Websterite Hill	363001	5386482	AMG55 AGD66	GPS Garmin201	6	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB151B	Websterite Hill	363029	5386479	AMG55 AGD66	GPS Garmin201	6	5	bn	<10mm soil	ultramafic	HU-UM	humus, sample from cracks in UM
SRHB152B	Websterite Hill	363049	5386470	AMG55 AGD66	GPS Garmin201	6	10	gy bn	<10mm soil		HU	humus
SRHB153B	Websterite Hill	363064	5386468	AMG55 AGD66	GPS Garmin201	6	5	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB154B	Little Wilson	363099	5387819	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil	ultramafic	RL	lateritic soil/clay, chromite rich, among large UM boulders
SRHB155B	Little Wilson	363097	5387840	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil		RL	lateritic soil/clay, high chromite
SRHB156B	Little Wilson	363110	5387868	AMG55 AGD66	GPS Garmin201	5	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, amongst UM boulders, high organic component
SRHB157B	Little Wilson	363136	5387874	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, amongst UM boulders, high organic component
SRHB158B	Little Wilson	363149	5387888	AMG55 AGD66	GPS Garmin201		5	lt bn	<10mm soil	ultramafic	HU-UM	humus, high organic, amongst UM basement
SRHB159B	Little Wilson	363160	5387902	AMG55 AGD66	GPS Garmin201	15	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, thin on UM base
SRHB160B	Little Wilson	363183	5387918	AMG55 AGD66	GPS Garmin201	20	5	lt bn	<10mm soil	ultramafic	HU-UM	humus, high organic, amongst UM basement
SRHB161B	Little Wilson	363195	5387935	AMG55 AGD66	GPS Garmin201	15	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB162B	Little Wilson	363224	5387969	AMG55 AGD66	GPS Garmin201	15	5	lt bn	<10mm soil		RC	clay
SRHB163B	Little Wilson	363240	5387990	AMG55 AGD66	GPS Garmin201		5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB164B	Little Wilson	363250	5388020	AMG55 AGD66	GPS Garmin201		10	lt bn	<10mm soil		HU	humus
SRHB165B	Little Wilson	363254	5388039	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB166B	Little Wilson	363269	5388039	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB167B	Little Wilson	363278	5388062	AMG55 AGD66	GPS Garmin201	6	5	lt bn	<10mm soil	ultramafic	HU-UM	humus, amongst UM boulders
SRHB168B	Little Wilson	363302	5388070	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB169B	Little Wilson	363309	5388083	AMG55 AGD66	GPS Garmin201	17	10	yw bn	<10mm soil	quartz	IGRA	granite clay, quartz and granite clasts
SRHB170B	Little Wilson	363325	5388105	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil		HU	humus
SRHB171B	Little Wilson	363344	5388123	AMG55 AGD66	GPS Garmin201	15	10	og bn	<10mm soil	ultramafic	HU-UM	clay, UM blocks in vicinity
SRHB172B	Little Wilson	363351	5388133	AMG55 AGD66	GPS Garmin201	6	10	og	<10mm soil	ultramafic	HU-UM	clay, UM blocks in vicinity
SRHB173B	Little Wilson	363371	5388151	AMG55 AGD66	GPS Garmin201	10	10	gy bn	<10mm soil	quartz	IGRA	granite clay, quartz and granite clasts
SRHB174B	Little Wilson	363390	5388156	AMG55 AGD66	GPS Garmin201	6	10	dk gy	<10mm soil	quartz	IGRA	granite clay, quartz and granite clasts
SRHB175B	Harman central	361260	5387096	AMG55 AGD66	GPS Garmin201	10	5	bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface
SRHB176B	Harman central	361235	5387093	AMG55 AGD66	GPS Garmin201	6	5	bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface
SRHB177B	Harman central	361211	5387100	AMG55 AGD66	GPS Garmin201	10	5	bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface
SRHB178B	Harman central	361192	5387107	AMG55 AGD66	GPS Garmin201	10	5	bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface
SRHB179B	Harman central	361164	5387124	AMG55 AGD66	GPS Garmin201	8	5	og	<10mm soil		RC	clay
SRHB180B	Harman central	361151	5387126	AMG55 AGD66	GPS Garmin201	16	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, amongst UM blocks
SRHB181B	Harman central	361121	5387129	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface
SRHB182B	Harman central	361096	5387149	AMG55 AGD66	GPS Garmin201	5	5	bn	<10mm soil	granite	IGRA	humus, granite rich
SRHB183B	Harman central	361081	5387167	AMG55 AGD66	GPS Garmin201	5	10	gy bn	<10mm soil	granite	IGRA	granite clay, granite rich
SRHB184B	Harman central	361061	5387183	AMG55 AGD66	GPS Garmin201	5	10	bn	<10mm soil	granite	IGRA	granite clay, sandy
SRHB185B	Harman central	361036	5387166	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil	granite	IGRA	granite clay, sandy
SRHB186B	Harman central	361016	5387214	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil	granite	IGRA	granite clay

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB187B	Harman north	362087	5387786	AMG55 AGD66	GPS Garmin201	6	10	bn og	<10mm soil	ultramafic	HU-UM	humus, beside large UM basement outcrop
SRHB188B	Harman north	362066	5387811	AMG55 AGD66	GPS Garmin201	5	10	bn	<10mm soil		HU	humus
SRHB189B	Harman north	362063	5387832	AMG55 AGD66	GPS Garmin201	5	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB190B	Harman north	362044	5387852	AMG55 AGD66	GPS Garmin201	5	5	og bn	<10mm soil	ultramafic	HU-UM	humus, thin on UM base
SRHB191B	Harman north	362025	5387877	AMG55 AGD66	GPS Garmin201	10	5	og bn	<10mm soil	ultramafic	HU-UM	humus, thin on UM base
SRHB192B	Harman north	362018	5387888	AMG55 AGD66	GPS Garmin201	5	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB193B	Harman north	362004	5387921	AMG55 AGD66	GPS Garmin201	5	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB194B	Harman north	361986	5387940	AMG55 AGD66	GPS Garmin201	5	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB195B	Harman north	361976	5387958	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB196B	Harman north	361964	5387979	AMG55 AGD66	GPS Garmin201	7	10	lt bn	<10mm soil		HU	humus
SRHB197B	Harman north	361959	5387993	AMG55 AGD66	GPS Garmin201	13	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM blocks in vicinity
SRHB198B	Harman north	361956	5388010	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil		HU	humus, boggy soil
SRHB199B	Harman north	361963	5388047	AMG55 AGD66	GPS Garmin201	10	10	gy	<10mm soil	granite	IGRA	granite clay, granite rich, boggy
SRHB200B	Harman north	361950	5388074	AMG55 AGD66	GPS Garmin201	9	10	dk bn	<10mm soil	quartz	IGRA	granite clay, quartz clasts
SRHB201B	Websterite Hill	363031	5385103	AMG55 AGD66	GPS Garmin201	6	10	og	<10mm soil		RL	lateritic soil/clay, clay, by road
SRHB202B	Serpentine Ridge north	366458	5308215	AMG55 AGD66	GPS Garmin201	8	10	rd pl	<10mm soil		RL	lateritic soil/clay, good soil cover on UM
SRHB203B	Serpentine Ridge north	366435	5380203	AMG55 AGD66	GPS Garmin201	6	10	rd pl	<10mm soil		RL	lateritic soil/clay
SRHB204B	Serpentine Ridge north	366411	5380193	AMG55 AGD66	GPS Garmin201	6	5	rd pl	<10mm soil	ultramafic	RL	lateritic soil/clay, UM clasts
SRHB205B	Serpentine Ridge north	366397	5380189	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM scree on surface, chips in sample, mostly soil
SRHB206B	Serpentine Ridge north	366377	5380179	AMG55 AGD66	GPS Garmin201	6	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB207B	Serpentine Ridge north	366360	5380160	AMG55 AGD66	GPS Garmin201	6	10	og bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB208B	Serpentine Ridge north	366346	5380149	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB209B	Serpentine Ridge north	366327	5380136	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB210B	Serpentine Ridge north	366310	5380123	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB211B	Serpentine Ridge north	366286	5380112	AMG55 AGD66	GPS Garmin201	8	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB212B	Serpentine Ridge north	366868	5380534	AMG55 AGD66	GPS Garmin201	12	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB213B	Serpentine Ridge north	366896	5380537	AMG55 AGD66	GPS Garmin201	13	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB214B	Serpentine Ridge north	366912	5380554	AMG55 AGD66	GPS Garmin201	12	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB215B	Serpentine Ridge north	366934	5380560	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB216B	Serpentine Ridge north	366961	5380569	AMG55 AGD66	GPS Garmin201	7	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB217B	Serpentine Ridge north	366978	5380584	AMG55 AGD66	GPS Garmin201	7	10	gy	<10mm soil		RAS	silty soil, stream influenced
SRHB218B	Serpentine Ridge north	366999	5380595	AMG55 AGD66	GPS Garmin201	10	10	gy	<10mm soil		RAS	silty soil, stream influenced
SRHB219B	Serpentine Ridge north	367017	5380604	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil		RAS	silty soil, stream influenced
SRHB220B	Serpentine Ridge north	367036	5380621	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil		RAS	silty soil, stream influenced
SRHB221B	Serpentine Ridge north	367062	5380639	AMG55 AGD66	GPS Garmin201	5	10	gy	<10mm soil		RAS	silty soil, stream influenced
SRHB222B	Serpentine Ridge north	367081	5380649	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus
SRHB223B	Serpentine Ridge north	367097	5380655	AMG55 AGD66	GPS Garmin201	5	10	bk	<10mm soil		HU	humus rich soil
SRHB224B	Serpentine Ridge north	367120	5380651	AMG55 AGD66	GPS Garmin201	10	10	bk	<10mm soil		HU	humus rich soil
SRHB225B	Serpentine Ridge north	367115	5380655	AMG55 AGD66	GPS Garmin201	14	10	bk	<10mm soil		HU	humus rich soil
SRHB226B	Serpentine Ridge north	367160	5380670	AMG55 AGD66	GPS Garmin201		10	bk	<10mm soil		HU	humus rich soil
SRHB227B	Serpentine Ridge north	367184	5380683	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil		HU	humus
SRHB228B	Serpentine Ridge north	367214	5380692	AMG55 AGD66	GPS Garmin201	10	10	bn	<10mm soil		HU	humus
SRHB229B	Serpentine Ridge north	367240	5380718	AMG55 AGD66	GPS Garmin201		10	dk bn	<10mm soil		HU	humus
SRHB230B	Serpentine Ridge north	367260	5380730	AMG55 AGD66	GPS Garmin201		10	gy	<10mm soil		RC	clay
SRHB231B	Serpentine Ridge north	367290	5380750	AMG55 AGD66	GPS Garmin201		10	dk bn	<10mm soil		HU	humus
SRHB232B	Serpentine Ridge north	367283	5380774	AMG55 AGD66	GPS Garmin201		10	gy	<10mm soil		RC	clay
SRHB233B	Serpentine Ridge north	367360	5380790	AMG55 AGD66	GPS Garmin201		10	dk bn	<10mm soil		HU	humus
SRHB234B	Serpentine Ridge north	367360	5380800	AMG55 AGD66	GPS Garmin201		10	gy bn	<10mm soil		HU	humus
SRHB235B	Serpentine Ridge north	367348	5380766	AMG55 AGD66	GPS Garmin201	20	10	bn gy	<10mm soil	sandstone	HU	humus, chips of sandstone in sample

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB236B	Serpentine Ridge north	367357	5380814	AMG55 AGD66	GPS Garmin201	6	5	bn	<10mm soil		HU	humus
SRHB237B	Serpentine Ridge north	367382	5380848	AMG55 AGD66	GPS Garmin201	10	5	dk bn	<10mm soil		HU	humus
SRHB238B	Serpentine Ridge north	367406	5380867	AMG55 AGD66	GPS Garmin201	6	10	gy bn	<10mm soil		HU	humus
SRHB239B	Serpentine Ridge north	367418	5380882	AMG55 AGD66	GPS Garmin201	10	10	gy bn	<10mm soil		HU	humus
SRHB240B	Websterite Hill	363086	5385100	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB241B	Websterite Hill	363106	5385088	AMG55 AGD66	GPS Garmin201	6	10	gy bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, gravelly lateritic gravel in base of hole
SRHB242B	Websterite Hill	363121	5385091	AMG55 AGD66	GPS Garmin201	10	10	gy lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB243B	Websterite Hill	363137	5385089	AMG55 AGD66	GPS Garmin201	7	10	bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB244B	Websterite Hill	363148	5385086	AMG55 AGD66	GPS Garmin201	7	10	gy lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB245B	Websterite Hill	363178	5385089	AMG55 AGD66	GPS Garmin201	12	10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB246B	Websterite Hill	363197	5385096	AMG55 AGD66	GPS Garmin201	9	10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB247B	Websterite Hill	363222	5385095	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB248B	Websterite Hill	363242	5385095	AMG55 AGD66	GPS Garmin201	9	10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB249B	Websterite Hill	363269	5385091	AMG55 AGD66	GPS Garmin201	10	10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB250B	Websterite Hill	363290	5385087	AMG55 AGD66	GPS Garmin201	10	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB251B	Websterite Hill	363305	5385073	AMG55 AGD66	GPS Garmin201	11	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB252B	Websterite Hill	363325	5385075	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB253B	Websterite Hill	363337	5385082	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB254B	Websterite Hill	363360	5385067	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB255B	Websterite Hill	363384	5385058	AMG55 AGD66	GPS Garmin201	9	10	bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB256B	Websterite Hill	363405	5385046	AMG55 AGD66	GPS Garmin201	6	10	bn	<10mm soil		RL	lateritic soil/clay, magnitite rich lateritic gravel
SRHB257B	Websterite Hill	363434	5385047	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	RL	lateritic soil/clay, UM clasts
SRHB258B	Websterite Hill	363466	5385045	AMG55 AGD66	GPS Garmin201	15	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB259B	Websterite Hill	363489	5385051	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB260B	Websterite Hill	363520	5385051	AMG55 AGD66	GPS Garmin201	12	10	lt bn	<10mm soil	magnetic laterite	RL	lateritic soil/clay, lateritic gravel, clay
SRHB261B	Websterite Hill	363531	5385049	AMG55 AGD66	GPS Garmin201	16	10	yw	<10mm soil		HU	humus, light soil
SRHB262B	Websterite Hill	363564	5385058	AMG55 AGD66	GPS Garmin201	12	10	lt bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB263B	Websterite Hill	363583	5385063	AMG55 AGD66	GPS Garmin201	12	10	lt bn	<10mm soil		RC	clay
SRHB264B	Websterite Hill	363631	5385066	AMG55 AGD66	GPS Garmin201	16	10	lt bn	<10mm soil		RC	clay
SRHB265B	Websterite Hill	363639	5385057	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	ultramafic	RC-UM	clay, UM chips in sample
SRHB266B	Websterite Hill	363663	5385064	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil		RC	clay
SRHB267B	Websterite Hill	363073	5386462	AMG55 AGD66	GPS Garmin201		10	bn	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB268B	Keenan	363097	5386455	AMG55 AGD66	GPS Garmin201	18	10	bn yw	<10mm soil		RC	clay
SRHB269B	Keenan	363128	5386450	AMG55 AGD66	GPS Garmin201	8	10	bk	<10mm soil	ultramafic	HU-UM	humus, crack in UM
SRHB270B	Keenan	363144	5386462	AMG55 AGD66	GPS Garmin201	8	10	bn	<10mm soil		RL	humus lateritic soil/clay, clayey soil
SRHB271B	Keenan	363172	5386472	AMG55 AGD66	GPS Garmin201	8	10	bn	<10mm soil	ultramafic	RL	humus lateritic soil/clay, UM clasts
SRHB272B	Keenan	363186	5386486	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil		RL	humus lateritic soil/clay, clayey soil
SRHB273B	Keenan	363209	5386492	AMG55 AGD66	GPS Garmin201	10	10	gy	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB274B	Keenan	363238	5386503	AMG55 AGD66	GPS Garmin201	6	10	gy	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB275B	Keenan	363248	5386507	AMG55 AGD66	GPS Garmin201	5	10	lt bn	<10mm soil		HU	humus

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB276B	Keenan	363270	5386514	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB277B	Keenan	363294	5386531	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil		HU	humus
SRHB278B	Keenan	363311	5386535	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil		HU	humus, light soil
SRHB279B	Keenan	363338	5386547	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil		HU	humus
SRHB280B	Keenan	363351	5386548	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil		HU	humus
SRHB281B	Keenan	363378	5386561	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil	ultramafic	HU-UM	humus, UM chips in sample
SRHB282B	Keenan	363404	5386567	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil		HU	humus
SRHB283B	Keenan	363412	5386569	AMG55 AGD66	GPS Garmin201	34	10	lt bn gy	<10mm soil		RC	clay
SRHB284B	Keenan	363434	5386589	AMG55 AGD66	GPS Garmin201	7	10	lt bn gy	<10mm soil		RC	clay
SRHB285B	Keenan	363461	5386597	AMG55 AGD66	GPS Garmin201	7	10	gy	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB286B	Keenan	363485	5386602	AMG55 AGD66	GPS Garmin201	10	10	gy	<10mm soil		RC	clay
SRHB287B	Keenan	363523	5386628	AMG55 AGD66	GPS Garmin201	10	10	og bn	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB288B	Keenan	363539	5386626	AMG55 AGD66	GPS Garmin201	11	10	og bn	<10mm soil	ultramafic	RC-UM	clay, UM clasts
SRHB289B	Keenan	363551	5386629	AMG55 AGD66	GPS Garmin201	10	10	yw og	<10mm soil		RC	clay
SRHB290B	Keenan	363575	5386639	AMG55 AGD66	GPS Garmin201		10	yw og	<10mm soil		RC	clay
SRHB291B	Keenan	363601	5386654	AMG55 AGD66	GPS Garmin201	30	5	wt	<10mm soil		RC	clay
SRHB292B	Keenan	363622	5386667	AMG55 AGD66	GPS Garmin201		10	wt	<10mm soil		RC	clay
SRHB293B	Keenan	363645	5386683	AMG55 AGD66	GPS Garmin201		10	yw	<10mm soil		RC	clay
SRHB294B	Keenan	363665	5386699	AMG55 AGD66	GPS Garmin201		10	og yw	<10mm soil		RC	clay
SRHB295B	Websterite Hill	363696	5385064	AMG55 AGD66	GPS Garmin201	8	10	gy	<10mm soil		RC	clay
SRHB296B	Websterite Hill	363712	5385058	AMG55 AGD66	GPS Garmin201	10	10	yw	<10mm soil		RC	clay
SRHB297B	Websterite Hill	363728	5385056	AMG55 AGD66	GPS Garmin201	15	10	yw	<10mm soil		RC	clay
SRHB298B	Websterite Hill	363738	5385055	AMG55 AGD66	GPS Garmin201	10	10	bn yw	<10mm soil		RC	clay
SRHB299B	Websterite Hill	363767	5385046	AMG55 AGD66	GPS Garmin201	5	10	gy	<10mm soil		RC	clay
SRHB300B	Websterite Hill	363793	5385042	AMG55 AGD66	GPS Garmin201	8	10	lt yw	<10mm soil		RC	clay
SRHB301B	Websterite Hill	363813	5385043	AMG55 AGD66	GPS Garmin201	7	10	lt bn	<10mm soil		RC	clay
SRHB302B	Websterite Hill	363830	5385055	AMG55 AGD66	GPS Garmin201	10	10	lt bn	<10mm soil		RC	clay
SRHB303B	Websterite Hill	363856	5385054	AMG55 AGD66	GPS Garmin201		10	lt bn	<10mm soil		RC	clay
SRHB304B	Websterite Hill	363880	5385054	AMG55 AGD66	GPS Garmin201	6	10	lt bn	<10mm soil		RC	clay
SRHB305B	Websterite Hill	363901	5385050	AMG55 AGD66	GPS Garmin201	11	10	lt bn	<10mm soil		RC	clay
SRHB306B	Websterite Hill	363921	5385041	AMG55 AGD66	GPS Garmin201	10	10	lt bn	<10mm soil		RC	clay
SRHB307B	Websterite Hill	363937	5385043	AMG55 AGD66	GPS Garmin201	15	10	lt bn	<10mm soil		RC	clay
SRHB308B	Websterite Hill	363962	5385052	AMG55 AGD66	GPS Garmin201	8	10	lt bn	<10mm soil		RC	clay
SRHB309B	Websterite Hill	363991	5385030	AMG55 AGD66	GPS Garmin201	10	10	bn	<10mm soil		HU	humus
SRHB310B	Websterite Hill	364014	5385027	AMG55 AGD66	GPS Garmin201	8	10	bn	<10mm soil		HU	humus
SRHB311B	Websterite Hill	364044	5385013	AMG55 AGD66	GPS Garmin201	8	10	bn	<10mm soil		HU	humus
SRHB312B	Harman south	362147	5385315	AMG55 AGD66	GPS Garmin201	5	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, swampy, UM clasts
SRHB313B	Harman south	362127	5385301	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, swampy, UM clasts
SRHB314B	Harman south	362093	5385277	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus, swampy
SRHB315B	Harman south	362088	5385286	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil		HU	humus, swampy
SRHB316B	Harman south	362058	5385269	AMG55 AGD66	GPS Garmin201	8	10	bn	<10mm soil		HU	humus, dry
SRHB317B	Harman south	362041	5385249	AMG55 AGD66	GPS Garmin201		10	dk bn	<10mm soil		HU	humus, swampy
SRHB318B	Harman south	362014	5385226	AMG55 AGD66	GPS Garmin201	23	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, mud from between UM clasts, high water content
SRHB319B	Harman south	361997	5385199	AMG55 AGD66	GPS Garmin201	18	5	dk bn	<10mm soil	ultramafic	HU-UM	humus, mud from between UM clasts, high water content
SRHB320B	Harman south	361966	5385199	AMG55 AGD66	GPS Garmin201	22	10	dk bn	<10mm soil		HU	humus, dry
SRHB321B	Harman south	361944	5385197	AMG55 AGD66	GPS Garmin201	17	10	dk gy	<10mm soil		RAS	silty soil
SRHB322B	Harman south	361924	5385182	AMG55 AGD66	GPS Garmin201		10	dk gy	<10mm soil		RAS	silty soil
SRHB323B	Harman south	361898	5385170	AMG55 AGD66	GPS Garmin201	6	10	bk	<10mm soil		HU	humus, mud
SRHB324B	Harman south	361874	5385138	AMG55 AGD66	GPS Garmin201	10	10	dk bn	<10mm soil		HU	humus

Appendix F: Partial leach soil sample details and assays

Sample	Prospect	mE_AMG55	mN_AMG55	Surv_grid	Surv_method	Surv_accuracy	Depth_cm	Colour	Sample_type	Float	Soil_code	Description
SRHB325B	Harman south	361839	5385147	AMG55 AGD66	GPS Garmin201	9	10	dk gy	<10mm soil		RAS	silty soil
SRHB326B	Harman south	361819	5385147	AMG55 AGD66	GPS Garmin201	8	10	gy	<10mm soil		RAS	silty soil
SRHB327B	Harman south	361795	5385137	AMG55 AGD66	GPS Garmin201	5	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, UM clasts
SRHB328B	Harman south	363056	5385108	AMG55 AGD66	GPS Garmin201	6	10	dk bn	<10mm soil	ultramafic	HU-UM	humus, shallow on UM

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB001B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	97	101	9285	10516	0.54	0.67	232.64	295.65	55.091	139.22	0.376	0.122	-999	
SRHB002B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	54		4388		0.39		242.08		76.254		-0.001		-999	
SRHB003B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	85		7972		0.62		212.82		68.959		0.215		-999	
SRHB004B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	40		6160		0.45		186.97		34.569		-0.001		-999	
SRHB005B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	71		7588		0.96		249.27		48.316		0.284		-999	
SRHB006B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	70		8306		0.89		242.5		68.07		0.175		-999	
SRHB007B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	72		8086		0.98		176.15		47.576		0.003		-999	
SRHB008B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	53		6849		0.52		285.74		47.913		0.021		-999	
SRHB009B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	55		5569		0.49		231.34		45.094		0.038		-999	
SRHB010B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	50		9159		0.49		235.82		48.808		-0.001		-999	
SRHB011B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	50		9808		0.99		208.01		85.508		0.029		-999	
SRHB012B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	51		7697		0.72		164.06		65.506		0.08		-999	
SRHB013B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	27		9454		0.39		83.02		83.292		0.044		-999	
SRHB014B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	64		31589		0.5		93.81		146.243		0.017		-999	
SRHB015B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	45		10613		0.23		8.55		209.849		0.146		-999	
SRHB016B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	38		20449		0.86		41.64		125.194		0.019		-999	
SRHB017B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	56		6525		0.82		224.09		71.679		0.193		-999	
SRHB018B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	66		10353		0.76		237.75		53.696		-0.001		-999	
SRHB019B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	49		5810		0.61		158.42		41.928		0.083		-999	
SRHB020B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	121		3024		0.79		213.87		70.329		0.214		-999	
SRHB021B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	54		7740		0.34		186.66		62.413		0.108		-999	
SRHB022B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	61		2915		0.76		229.42		54.481		0.07		-999	
SRHB023B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	64		9460		0.86		245.19		61.107		-0.001		-999	
SRHB024B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	71		6859		0.71		204.59		48.25		0.104		-999	
SRHB025B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	78		7603		0.87		418.98		71.325		0.109		-999	
SRHB026B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	61		11716		0.66		233.17		73.664		0.074		-999	
SRHB027B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	33	37	3318	3826	0.46	0.46	460.92	413.23	51.858	106.728	0.202	0.02	-999	
SRHB028B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	44		25382		0.51		126.31		94.656		0.064		-999	
SRHB029B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	46		3776		0.55		157.9		108.012		0.053		-999	
SRHB030B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	82		13072		2.29		21.39		268.264		0.232		-999	
SRHB031B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	227		1256		2.79		4.73		174.246		1.526		-999	
SRHB032B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	190		2645		5.23		7.29		223.229		1.755		-999	
SRHB033B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	311		788		6.39		4.01		246.987		4.363		-999	
SRHB034B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	721		439		12.3		2		383.758		9.565		-999	
SRHB035B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	661		449		11.26		2.63		522.953		4.064		-999	
SRHB036B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	1625		286		8.78		1.9		518.838		6.042		-999	
SRHB037B	SRB, HB	10/04/2005	GENMTL1MS	815.0/0503487	SB	987		335		8.47		1.72		703.221		1.81		-999	
SRHB038B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	49		4440		0.95		282.62		121.994		0.137		-999	
SRHB039B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	64		13039		1.21		166.82		124.676		0.244		-999	
SRHB040B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	47		11666		0.68		252.57		145.135		0.027		-999	
SRHB041B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	43		7358		0.52		171.76		112.554		0.103		-999	
SRHB042B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	56		8715		0.93		252.26		133.511		0.097		-999	
SRHB043B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	46		12724		0.56		236.61		199.235		0.079		-999	
SRHB044B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	51		5347		0.54		140.39		115.272		-0.001		-999	
SRHB045B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	54		4064		0.45		238.09		136.213		0.123		-999	
SRHB046B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	43		14190		0.45		140.76		244.284		0.083		-999	
SRHB047B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	28		12559		0.35		178.23		114.542		0.174		-999	
SRHB048B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	44		4197		0.6		199.66		186.583		0.013		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB049B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	50		8774		1.12		211		217.307		0.145		-999	
SRHB050B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	55		2770		0.72		318.68		307.815		-0.001		-999	
SRHB051B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	56		19988		0.95		164.12		271.252		0.071		-999	
SRHB052B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	41		27062		1.11		135.38		193.315		0.337		-999	
SRHB053B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	69	64	7877	8043	0.93	1.04	335.66	340.06	101.095	100.512	0.159	0.062	-999	
SRHB054B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	75		11797		0.39		413.17		48.03		-0.001		-999	
SRHB055B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	50		11400		0.39		333.97		168.024		-0.001		-999	
SRHB056B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	59		10124		0.35		377.03		123.844		-0.001		-999	
SRHB057B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	41		9238		0.43		343.35		101.458		0.023		-999	
SRHB058B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	26		6037		0.53		327.21		59.306		0.119		-999	
SRHB059B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	27		5437		0.57		334.95		100.828		0.03		-999	
SRHB060B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	47		6622		0.44		361.94		115.941		0.016		-999	
SRHB061B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	38		8209		0.42		419.91		83.167		0.163		-999	
SRHB062B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	68		8147		0.62		365.09		98.299		0.168		-999	
SRHB063B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	69		7500		0.82		581.97		162.802		0.101		-999	
SRHB064B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	85		14187		0.8		495.26		168.444		0.241		-999	
SRHB065B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	72		10451		0.8		297.48		80.543		0.201		-999	
SRHB066B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	33		7832		0.39		214.56		103.013		0.129		-999	
SRHB067B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	83		14198		0.46		371.14		134.134		0.09		-999	
SRHB068B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	65		6571		0.85		337.19		127.406		0.229		-999	
SRHB069B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	58		8231		1.42		301.96		141.405		0.115		-999	
SRHB070B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	84		4465		1.23		367.79		176.013		0.22		-999	
SRHB071B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	46		7050		0.47		337.67		144.292		0.016		-999	
SRHB072B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	40		5122		0.46		342.36		169.825		-0.001		-999	
SRHB073B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	39		10772		0.54		370.18		103.531		0.224		-999	
SRHB074B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	58		35223		1.12		117.2		218.623		0.161		-999	
SRHB075B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	85		8860		0.67		383.02		189.142		0.117		-999	
SRHB076B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	393		2800		1.3		15.14		201.895		0.48		-999	
SRHB077B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	189		2297		12.17		7.71		268.014		7.551		-999	
SRHB078B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	369		580		2.75		2.89		126.689		0.561		-999	
SRHB079B	SRB, HB	11/04/2005	GENMTL1MS	815.0/0503487	SB	409	373	731	641	2.84	2.51	3.26	2.95	125.628	138.913	0.679	0.219	-999	
SRHB080B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	95		7965		0.66		653.77		157.086		0.252		-999	
SRHB081B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	38		12502		0.3		388		79.373		0.106		-999	
SRHB082B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	18		18244		0.6		650.38		64.746		0.123		-999	
SRHB083B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	78		4537		0.62		230.57		105.042		0.081		-999	
SRHB084B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	65		3985		0.59		328.48		104.813		0.246		-999	
SRHB085B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	47		8099		0.56		303.71		118.447		0.007		-999	
SRHB086B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	48		12967		0.72		233.93		202.68		0.034		-999	
SRHB087B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	62		14649		0.71		266.43		154.315		0.118		-999	
SRHB088B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	28		18818		0.54		668.54		109.909		0.126		-999	
SRHB089B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	47		27815		0.28		769.91		128.569		0.142		-999	
SRHB090B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	32		18848		0.39		170.96		149.786		-0.001		-999	
SRHB091B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	81		6652		0.96		124.21		125.074		0.21		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB092B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	90		4940		1.22		131.3		109.217		-0.001		-999	
SRHB093B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	61		27629		0.72		66.92		290.962		0.187		-999	
SRHB094B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	69		12193		0.82		204.94		133.943		0.05		-999	
SRHB095B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	68		7035		1.07		239.58		125.709		0.351		-999	
SRHB096B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	75		25173		1.06		126.57		149.974		0.179		-999	
SRHB097B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	115		9680		1.9		101.66		186.232		0.093		-999	
SRHB098B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	88		4646		1.18		226.44		106.566		0.211		-999	
SRHB099B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	70		9359		0.97		234.5		108.984		0.033		-999	
SRHB100B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503487	SB	64		15462		0.74		261.26		132.242		-0.001		-999	
SRHB101B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	57	53	14589	14828	0.65	0.65	117.46	120.51	223.491	220.275	0.053	0.039	19.95	18.937
SRHB102B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	83		35532		0.84		100.29		321.111		0.127		26.885	
SRHB103B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	55		18618		0.82		113.34		255.771		0.093		19.236	
SRHB104B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	78		17395		0.68		130.54		379.531		-0.001		17.06	
SRHB105B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	58		17282		0.54		80.38		240.463		-0.001		17.06	
SRHB106B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	55		9437		0.76		220		81.787		0.151		28.536	
SRHB107B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	50		11535		0.62		209.5		83.425		0.095		21.798	
SRHB108B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	75		10732		0.65		263.1		227.652		0.058		22.5	
SRHB109B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	71		35419		0.94		187.01		161.426		-0.001		41.277	
SRHB110B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	59		12376		0.72		192.32		83.319		-0.001		20.715	
SRHB111B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	67		11690		1.28		179.18		50.599		-0.001		63.698	
SRHB112B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	65		13627		0.88		186.93		94.67		0.297		42.599	
SRHB113B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	95		19964		0.75		175.32		82.053		-0.001		61.321	
SRHB114B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	53		37802		0.49		132.1		255.67		-0.001		12.86	
SRHB115B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	67		13208		0.63		204.86		89.736		0.048		38.886	
SRHB116B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	56		14216		0.57		201.44		68.81		-0.001		36.835	
SRHB117B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	71		2056		0.59		12.21		62.982		-0.001		43.566	
SRHB118B	SRB, HB	12/04/2005	GENMTL1MS	815.0/0503568	SB	70		8711		0.79		214.15		94.573		0.108		50.89	
SRHB119B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	115		5589		0.26		293.57		56.332		-0.001		4.484	
SRHB120B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	14		9317		0.29		338.25		24.022		0.079		8.634	
SRHB121B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	43		4213		0.37		195.98		48.914		0.1		17.63	
SRHB122B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	30		3429		0.36		210.23		50.709		0.126		7.825	
SRHB123B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	27		11222		0.2		227.59		51.284		0.063		10.058	
SRHB124B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	44		6811		0.51		192.13		94.275		0.049		11.148	
SRHB125B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	51		12002		0.98		270.16		98.393		-0.001		20.114	
SRHB126B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	4		13733		0.34		533.79		13.063		-0.001		14.047	
SRHB127B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	59	64	6091	5882	0.59	0.56	195.2	180.33	71.53	77.422	0.039	0.066	13.418	14.728
SRHB128B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	89		6414		1.82		317.53		86.126		-0.001		36.996	
SRHB129B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	221		11702		2.69		169.31		116.332		0.183		71.186	
SRHB130B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	56		6888		0.84		225.59		84.915		0.066		16.151	
SRHB131B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	74		4372		1.06		224.86		88.144		-0.001		36.327	
SRHB132B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	69		4120		0.63		193.87		71.999		-0.001		25.131	
SRHB133B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	70		4167		0.73		231.24		55.394		0.059		22.428	
SRHB134B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	42		6369		0.6		205.96		68.114		-0.001		15.209	
SRHB135B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	23		5004		0.5		376.44		28.967		0.198		23.846	
SRHB136B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	46		8276		0.34		143.27		50.873		-0.001		14.567	
SRHB137B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	45		5709		0.64		202.66		58.855		-0.001		20.393	
SRHB138B	SRB, HB	13/04/2005	GENMTL1MS	815.0/0503568	SB	54		4229		1.04		332.64		83.886		0.061		22.271	
SRHB139B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	211		5894		0.13		212.22		191.304		0.057		4.935	
SRHB140B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	89		7374		0.71		235.19		121.331		-0.001		24.27	
SRHB141B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	50		5601		0.57		166.35		77.177		-0.001		10.848	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB142B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	88		3739		0.58		270.51		40.766		-0.001		12.112	
SRHB143B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	108		5519		0.47		220.74		75.481		-0.001		16.273	
SRHB144B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	69		5076		1.35		173.68		75.501		0.05		17.983	
SRHB145B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	87		2486		0.75		166.47		72.035		0.006		17.502	
SRHB146B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	361		3006		0.48		184.72		19.721		0.041		12.438	
SRHB147B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	65		4018		2.36		253.52		80.394		-0.001		31.141	
SRHB148B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	48		4149		0.87		177.76		75.719		0.004		18.919	
SRHB149B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	154		6640		0.52		187.13		98.485		-0.001		16.392	
SRHB150B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	98		10981		0.35		116.93		94.002		0.145		10.63	
SRHB151B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	81		7419		0.42		26.57		62.319		0.22		15.826	
SRHB152B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	178		7245		0.79		19.48		88.859		0.204		19.093	
SRHB153B	SRB, HB	14/04/2005	GENMTL1MS	815.0/0503568	SB	236	270	5865	5720	0.33	0.26	142.99	120.46	53.361	61.936	-0.001	0.083	15.844	13.118
SRHB154B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	80		14149		0.38		29.7		99.217		-0.001		20.226	
SRHB155B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	46		1823		0.16		7.34		74.993		-0.001		6.873	
SRHB156B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	151		7413		1.14		288.29		188.513		0.104		63.079	
SRHB157B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	123		9629		1.5		284.77		67.409		-0.001		86.134	
SRHB158B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	75		12491		1.05		45.48		107.162		0.158		51.546	
SRHB159B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	214		7639		0.75		153.04		45.396		-0.001		43.197	
SRHB160B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	115		19297		1.67		86.86		128.599		0.148		43.42	
SRHB161B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	235		9757		0.68		135.53		52.089		0.161		22.957	
SRHB162B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	252		4677		0.28		27.2		64.765		0.207		17.241	
SRHB163B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	196		9146		0.49		146.01		39.554		0.025		24.187	
SRHB164B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	547		27232		0.37		71.49		110.478		0.074		16.465	
SRHB165B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	252		10680		1.04		167.83		116.415		0.259		36.475	
SRHB166B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	68		3000		0.73		137.22		45.382		-0.001		17.062	
SRHB167B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	107		4134		0.54		17.25		27.519		0.095		20.288	
SRHB168B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	104		9167		1.01		58.3		79.938		0.118		30.741	
SRHB169B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	143		804		0.22		4.65		46.659		0.104		8.555	
SRHB170B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	217		5587		0.81		62.36		70.466		0.191		81.741	
SRHB171B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	138		5297		1.42		36.59		117.713		0.304		47.14	
SRHB172B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	197		13201		0.8		49.94		114.715		0.105		37.804	
SRHB173B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	195		295		0.24		3.86		72.869		0.244		7.622	
SRHB174B	SRB, HB	15/04/2005	GENMTL1MS	815.0/0503568	SB	132		203		0.44		1.49		65.062		0.129		17.448	
SRHB175B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	155		4523		0.79		254.7		82.763		0.061		37.857	
SRHB176B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	142		5923		0.94		254.5		75.882		0.044		26.021	
SRHB177B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	982		5775		0.83		167.31		78.479		0.026		27.836	
SRHB178B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	1333		12955		0.47		78.07		105.405		0.094		22.931	
SRHB179B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	1502	2056	8442	12000	0.38	0.41	16.53	23.04	157.531	184.276	0.188	0.429	7.954	10.125
SRHB180B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	508		3631		0.75		212.04		106.125		-0.001		21.476	
SRHB181B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	384		10999		0.77		224.4		108.483		0.083		25.835	
SRHB182B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	1470		547		0.25		4.05		42.75		-0.001		4.645	
SRHB183B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	2270		1377		0.47		52.62		36.805		-0.001		14.737	
SRHB184B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	841		5591		1.95		168.68		94.567		0.183		82.89	
SRHB185B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	1726		284		0.45		2.53		193.549		0.197		6.028	
SRHB186B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	5347		14774		1.98		64.55		217.315		0.191		33.674	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB187B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	449		7394		0.27		73.58		33.414		0.003		15.356	
SRHB188B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	359		7854		0.62		133.98		75.017		0.034		24.753	
SRHB189B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	549		9773		0.39		234.08		67.976		-0.001		19.609	
SRHB190B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	365		10231		0.37		283.59		143.389		0.196		25.223	
SRHB191B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	561		12150		0.36		310.59		94.296		0.114		23.759	
SRHB192B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	192		9864		0.45		311.01		123.265		0.128		32.421	
SRHB193B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	69		3912		0.3		93.45		57.844		0.042		11.985	
SRHB194B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	194		6067		0.26		240.85		86.587		0.142		20.997	
SRHB195B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	234		12814		0.53		185.29		80.967		0.001		21.195	
SRHB196B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	158		3284		0.33		17.47		55.704		0.041		9.528	
SRHB197B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	390		13784		0.71		188.44		117.689		-0.001		41.42	
SRHB198B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	424		8154		0.56		26.24		174.097		-0.001		35.365	
SRHB199B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	233		618		0.42		6.15		75.793		-0.001		22.791	
SRHB200B	SRB, HB	16/04/2005	GENMTL1MS	815.0/0503568	SB	270		318		0.56		1.8		96.902		-0.001		11.979	
SRHB201B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	52	53	1422	1537	0.33	0.3	15.82	17.44	67.991	113.324	-0.001	-0.001	-999	
SRHB202B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	67		9353		0.52		167.21		105.989		0.232		-999	
SRHB203B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	57		9624		0.44		176.41		138.956		-0.001		-999	
SRHB204B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	41		7214		0.5		170.12		65.545		0.034		-999	
SRHB205B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	55		4643		0.7		137.1		-0.001		-0.001		-999	
SRHB206B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	73		6541		0.7		132.9		-0.001		0.148		-999	
SRHB207B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	47		3839		0.37		92.47		-0.001		0.115		-999	
SRHB208B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	73		6780		0.68		189.25		23.593		-0.001		-999	
SRHB209B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	74		7421		0.59		190.31		29.665		0.188		-999	
SRHB210B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	75		3003		0.53		181.33		9.024		0.324		-999	
SRHB211B	SRB, HB	19/04/2005	GENMTL1MS	815.0/0503569	SB	76		2217		0.42		114.29		18.528		0.093		-999	
SRHB212B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	81		4130		0.84		112.78		23.141		0.016		-999	
SRHB213B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	61		2674		0.44		249.71		15.182		0.117		-999	
SRHB214B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	63		1974		0.4		210.96		8.205		0.079		-999	
SRHB215B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	53		2634		0.34		134.68		1.619		0.053		-999	
SRHB216B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	50		2318		0.22		121.75		3.237		0.007		-999	
SRHB217B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	69		222		0.26		4.01		6.406		0.051		-999	
SRHB218B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	102		375		0.29		4.08		17.421		0.044		-999	
SRHB219B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	101		91		0.46		1.05		20.766		0.16		-999	
SRHB220B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	79		63		0.41		0.58		-0.001		-0.001		-999	
SRHB221B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	854		267		2.38		5.6		-0.001		-0.001		-999	
SRHB222B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	72		31		0.2		0.12		8.736		-0.001		-999	
SRHB223B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	87		62		0.45		0.31		25.601		0.099		-999	
SRHB224B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	129		341		0.47		1.52		-0.001		0.208		-999	
SRHB225B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	120		133		0.47		0.62		-0.001		0.275		-999	
SRHB226B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	112		47		0.28		0.41		-0.001		0.067		-999	
SRHB227B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	124	129	39	35	0.36	0.36	0.19	0.18	-0.001	7.591	-0.001	0.157	-999	
SRHB228B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	59		45		1.11		0.32		-0.001		0.101		-999	
SRHB229B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	89		42		1.75		0.32		-0.001		0.29		-999	
SRHB230B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	99		42		0.83		0.15		-0.001		0.038		-999	
SRHB231B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	111		37		1.18		0.28		-0.001		0.248		-999	
SRHB232B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	89		39		0.88		0.57		-0.001		0.076		-999	
SRHB233B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	224		35		0.64		0.42		10.582		0.064		-999	
SRHB234B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	86		51		1.7		0.74		-0.001		-0.001		-999	
SRHB235B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	147		46		1.05		0.57		-0.001		0.232		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB236B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	64		39		1.47		0.5		10.086		0.577		-999	
SRHB237B	SRB, HB	20/04/2005	GENMTL1MS	815.0/0503569	SB	147		28		0.58		0.25		0.471		0.167		-999	
SRHB238B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	33		15		0.57		0.2		-0.001		0.124		-999	
SRHB239B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	57		21		0.98		0.22		8.499		-0.001		-999	
SRHB240B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	211		1814		0.42		9.94		45.744		0.062		-999	
SRHB241B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	424		11998		0.31		12.66		42.984		0.03		-999	
SRHB242B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	490		8359		0.46		7.13		56.721		0.09		-999	
SRHB243B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	449		11594		0.84		83.02		152.516		0.073		-999	
SRHB244B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	218		2135		0.35		2.39		129.435		-0.001		-999	
SRHB245B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	296		372		0.26		1.5		83.033		0.157		-999	
SRHB246B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	130		110		0.19		0.99		80.469		-0.001		-999	
SRHB247B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	119		47		0.22		0.47		71.557		0.038		-999	
SRHB248B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	109		220		0.16		0.99		90.113		0.029		-999	
SRHB249B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	66		65		0.15		0.34		57.337		0.012		-999	
SRHB250B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	52		170		0.71		0.79		57.681		0.113		-999	
SRHB251B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	63		77		0.19		0.48		30.165		0.004		-999	
SRHB252B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	75		104		0.21		0.69		62.659		-0.001		-999	
SRHB253B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	72	56	65	41	0.45	0.26	1.01	0.6	66.119	88.704	0.084	0.137	-999	
SRHB254B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	54		1085		0.25		1.92		82.028		0.177		-999	
SRHB255B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	59		692		0.21		1.03		82.176		-0.001		-999	
SRHB256B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	80		114		0.1		1.33		112.072		-0.001		-999	
SRHB257B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	56		2401		0.14		144.58		92.272		0.004		-999	
SRHB258B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	45		2709		0.12		5.31		52.046		0.047		-999	
SRHB259B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	45		4272		0.39		20.23		78.593		0.077		-999	
SRHB260B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	28		1585		0.16		26.08		55.905		-0.001		-999	
SRHB261B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	98		13039		0.34		44.06		86.284		0.062		-999	
SRHB262B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	29		2032		0.11		14.29		62.125		0.246		-999	
SRHB263B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	63		12807		0.52		48.55		108.067		-0.001		-999	
SRHB264B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	59		4642		0.29		164.45		84.93		0.102		-999	
SRHB265B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	50		250		0.14		1.57		52.525		0.088		-999	
SRHB266B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	58		190		0.36		1.07		49.97		-0.001		-999	
SRHB267B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	281		3608		0.28		207.07		36.137		0.206		-999	
SRHB268B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	140		7534		0.4		78.13		28.954		0.034		-999	
SRHB269B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	174		4421		1.56		120.1		177.272		0.121		-999	
SRHB270B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	89		4197		0.6		70.05		66.924		0.095		-999	
SRHB271B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	75		7041		0.49		34.9		73.684		0.163		-999	
SRHB272B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	52		5452		0.49		40.19		59.754		0.038		-999	
SRHB273B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	51		3085		0.46		65.1		50.21		0.163		-999	
SRHB274B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	59		4330		0.49		32.63		97.761		0.135		-999	
SRHB275B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	50		4166		0.38		52.66		52.162		-0.001		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB276B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	74		10160		0.5		136.25		131.106		0.066		-999	
SRHB277B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	58		4303		0.39		78.1		95.418		0.142		-999	
SRHB278B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	79		6517		0.39		94.73		117.034		0.265		-999	
SRHB279B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	53	51	5784	4278	0.45	0.46	84.96	86.8	84.067	83.875	-0.001	0.026	-999	
SRHB280B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	68		13179		0.58		60.16		169.13		-0.001		-999	
SRHB281B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	61		5538		0.4		33.39		90.532		0.138		-999	
SRHB282B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	58		2927		0.76		45.63		108.229		0.192		-999	
SRHB283B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	75		11993		0.85		27.3		134.183		0.212		-999	
SRHB284B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	64		7122		0.53		20.79		112.873		0.171		-999	
SRHB285B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	52		3818		1.24		26.8		92.828		0.166		-999	
SRHB286B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	81		1210		2.33		64.29		150.634		0.162		-999	
SRHB287B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	79		452		4.1		0.88		167.159		1.539		-999	
SRHB288B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	74		233		7.04		0.75		193.432		3.585		-999	
SRHB289B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	91		617		2.17		0.82		93.968		0.526		-999	
SRHB290B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	88		304		1.07		0.77		146.178		0.554		-999	
SRHB291B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	73		91		0.82		0.6		117.328		0.077		-999	
SRHB292B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	63		65		0.95		0.43		118.068		0.137		-999	
SRHB293B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	86		47		1.29		0.29		151.275		0.551		-999	
SRHB294B	SRB, HB	22/04/2005	GENMTL1MS	815.0/0503569	SB	73		1848		8.91		1.52		229.049		5.424		-999	
SRHB295B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	96		131		0.26		0.83		74.214		0.103		-999	
SRHB296B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	89		146		0.4		0.81		124.444		0.11		-999	
SRHB297B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	190		8683		0.36		22.13		129.372		0.159		-999	
SRHB298B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	785		16791		0.38		171.53		118.261		0.151		-999	
SRHB299B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	88		181		0.33		1.33		80.105		0.274		-999	
SRHB300B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	263		2434		0.29		12.59		99.239		0.258		-999	
SRHB301B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	64		5132		0.41		41.25		120.947		0.237		-999	
SRHB302B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	63		1350		0.53		5.18		117.752		0.079		-999	
SRHB303B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	57		3795		0.85		11.24		107.089		0.09		-999	
SRHB304B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	81		283		0.34		1.79		112.574		0.218		-999	
SRHB305B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	102	91	107	126	0.78	0.75	0.68	0.76	105.457	119.969	0.292	0.128	-999	
SRHB306B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	96		164		0.73		0.8		93.277		0.639		-999	
SRHB307B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	132		1326		4.9		4.25		139.416		1.269		-999	
SRHB308B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	119		2250		1.8		5.89		118.792		0.517		-999	
SRHB309B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	216		203		0.54		1.42		92.275		0.141		-999	
SRHB310B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	256		3044		0.73		16.76		77.301		0.239		-999	
SRHB311B	SRB, HB	23/04/2005	GENMTL1MS	815.0/0503569	SB	319		4070		0.66		34.3		89.559		0.145		-999	
SRHB312B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	330		1557		3.33		4.92		45.491		0.961		-999	
SRHB313B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	528		1557		5.23		4.8		98.814		0.813		-999	
SRHB314B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	308		1004		2.71		3.96		37.218		0.509		-999	
SRHB315B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	417		1063		2.16		3.24		42.305		0.534		-999	
SRHB316B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	336		228		4.17		1.08		97.472		1.089		-999	
SRHB317B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	119		314		1.91		1.94		20.331		0.289		-999	
SRHB318B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	256		922		2.55		1.86		85.904		0.555		-999	
SRHB319B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	364		822		3.47		3.76		47.87		0.394		-999	
SRHB320B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	73		302		1.54		1.3		13.967		0.216		-999	
SRHB321B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	215		101		0.76		0.34		188.688		0.225		-999	
SRHB322B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	151		168		0.75		0.56		69.507		0.173		-999	
SRHB323B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	339		598		3.31		1.68		83.541		0.614		-999	
SRHB324B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	303		257		3.8		1.24		124.829		1.029		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sampled_by	Date_sampled	Ascheme	Batch	Sub	As_ppb	As_d_ppb	Co_ppb	Co_d_ppb	Cu_ppm	Cu_d_ppm	Ni_ppm	Ni_d_ppm	Se_ppb	Se_d_ppb	Pd_ppb	Pd_d_ppb	Cd_ppb	Cd_d_ppb
SRHB325B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	145		646		1.43		1.46		82.287		0.171		-999	
SRHB326B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	188		164		1.2		0.78		165.287		0.489		-999	
SRHB327B	SRB, HB	24/04/2005	GENMTL1MS	815.0/0503569	SB	301		671		4.97		1.41		-0.001		0.954		-999	
SRHB328B	SRB, HB	21/04/2005	GENMTL1MS	815.0/0503569	SB	57		7263		0.85		229.01		136.637		0.15		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB001B	-999		-999	
SRHB002B	-999		-999	
SRHB003B	-999		-999	
SRHB004B	-999		-999	
SRHB005B	-999		-999	
SRHB006B	-999		-999	
SRHB007B	-999		-999	
SRHB008B	-999		-999	
SRHB009B	-999		-999	
SRHB010B	-999		-999	
SRHB011B	-999		-999	
SRHB012B	-999		-999	
SRHB013B	-999		-999	
SRHB014B	-999		-999	
SRHB015B	-999		-999	
SRHB016B	-999		-999	
SRHB017B	-999		-999	
SRHB018B	-999		-999	
SRHB019B	-999		-999	
SRHB020B	-999		-999	
SRHB021B	-999		-999	
SRHB022B	-999		-999	
SRHB023B	-999		-999	
SRHB024B	-999		-999	
SRHB025B	-999		-999	
SRHB026B	-999		-999	
SRHB027B	-999		-999	
SRHB028B	-999		-999	
SRHB029B	-999		-999	
SRHB030B	-999		-999	
SRHB031B	-999		-999	
SRHB032B	-999		-999	
SRHB033B	-999		-999	
SRHB034B	-999		-999	
SRHB035B	-999		-999	
SRHB036B	-999		-999	
SRHB037B	-999		-999	
SRHB038B	-999		-999	
SRHB039B	-999		-999	
SRHB040B	-999		-999	
SRHB041B	-999		-999	
SRHB042B	-999		-999	
SRHB043B	-999		-999	
SRHB044B	-999		-999	
SRHB045B	-999		-999	
SRHB046B	-999		-999	
SRHB047B	-999		-999	
SRHB048B	-999		-999	

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB049B	-999		-999	
SRHB050B	-999		-999	
SRHB051B	-999		-999	
SRHB052B	-999		-999	
SRHB053B	-999		-999	
SRHB054B	-999		-999	
SRHB055B	-999		-999	
SRHB056B	-999		-999	
SRHB057B	-999		-999	
SRHB058B	-999		-999	
SRHB059B	-999		-999	
SRHB060B	-999		-999	
SRHB061B	-999		-999	
SRHB062B	-999		-999	
SRHB063B	-999		-999	
SRHB064B	-999		-999	
SRHB065B	-999		-999	
SRHB066B	-999		-999	
SRHB067B	-999		-999	
SRHB068B	-999		-999	
SRHB069B	-999		-999	
SRHB070B	-999		-999	
SRHB071B	-999		-999	
SRHB072B	-999		-999	
SRHB073B	-999		-999	
SRHB074B	-999		-999	
SRHB075B	-999		-999	
SRHB076B	-999		-999	
SRHB077B	-999		-999	
SRHB078B	-999		-999	
SRHB079B	-999		-999	
SRHB080B	-999		-999	
SRHB081B	-999		-999	
SRHB082B	-999		-999	
SRHB083B	-999		-999	
SRHB084B	-999		-999	
SRHB085B	-999		-999	
SRHB086B	-999		-999	
SRHB087B	-999		-999	
SRHB088B	-999		-999	
SRHB089B	-999		-999	
SRHB090B	-999		-999	
SRHB091B	-999		-999	

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB092B	-999		-999	
SRHB093B	-999		-999	
SRHB094B	-999		-999	
SRHB095B	-999		-999	
SRHB096B	-999		-999	
SRHB097B	-999		-999	
SRHB098B	-999		-999	
SRHB099B	-999		-999	
SRHB100B	-999		-999	
SRHB101B	0.775	0.768	0.079	0.124
SRHB102B	0.528		0.156	
SRHB103B	0.429		0.094	
SRHB104B	1.613		0.136	
SRHB105B	0.447		0.29	
SRHB106B	1.666		0.119	
SRHB107B	2.133		0.113	
SRHB108B	1.197		0.085	
SRHB109B	1.413		0.151	
SRHB110B	2.982		0.067	
SRHB111B	3.113		0.098	
SRHB112B	1.435		0.126	
SRHB113B	2.365		0.076	
SRHB114B	0.563		0.25	
SRHB115B	2.427		0.083	
SRHB116B	1.124		0.05	
SRHB117B	1.979		0.077	
SRHB118B	3.435		0.132	
SRHB119B	2.062		0.321	
SRHB120B	1.648		0.073	
SRHB121B	1.988		0.097	
SRHB122B	2.818		0.058	
SRHB123B	0.826		0.041	
SRHB124B	1.455		0.46	
SRHB125B	2.079		0.102	
SRHB126B	3.503		0.055	
SRHB127B	2.881	3.061	0.19	0.071
SRHB128B	3.135		0.161	
SRHB129B	13.522		0.277	
SRHB130B	3.785		0.081	
SRHB131B	3.523		0.092	
SRHB132B	3.241		0.13	
SRHB133B	3.496		0.17	
SRHB134B	2.152		0.093	
SRHB135B	1.452		0.015	
SRHB136B	1.392		0.046	
SRHB137B	1.903		0.026	
SRHB138B	2.098		0.131	
SRHB139B	5.003		0.088	
SRHB140B	7.388		0.108	
SRHB141B	4.48		0.079	

Appendix F: Partial leach soil sample details and assays

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB142B	13.737		0.061	
SRHB143B	5.468		0.076	
SRHB144B	5.546		0.059	
SRHB145B	4.436		0.045	
SRHB146B	4.715		0.075	
SRHB147B	11.588		0.086	
SRHB148B	3.243		0.082	
SRHB149B	2.854		0.054	
SRHB150B	2.592		0.075	
SRHB151B	3		0.026	
SRHB152B	5.348		0.081	
SRHB153B	4.396	4.183	0.069	0.112
SRHB154B	2.319		0.021	
SRHB155B	0.802		0.007	
SRHB156B	5.845		0.085	
SRHB157B	6.104		0.081	
SRHB158B	2.523		0.07	
SRHB159B	8.407		0.065	
SRHB160B	3.61		0.067	
SRHB161B	2.477		0.102	
SRHB162B	19.017		0.006	
SRHB163B	6.775		0.1	
SRHB164B	13.952		0.059	
SRHB165B	15.299		0.067	
SRHB166B	5.929		0.05	
SRHB167B	7.157		0.037	
SRHB168B	6.093		0.069	
SRHB169B	9.306		0.046	
SRHB170B	12.717		0.127	
SRHB171B	13.233		0.04	
SRHB172B	10.3		0.125	
SRHB173B	6.592		0.051	
SRHB174B	8.092		0.046	
SRHB175B	3.526		0.052	
SRHB176B	3.063		0.067	
SRHB177B	4.669		0.175	
SRHB178B	16.607		0.089	
SRHB179B	91.263	146.484	0.143	0.347
SRHB180B	5.005		0.097	
SRHB181B	8.223		0.221	
SRHB182B	119.266		0.046	
SRHB183B	78.799		0.047	
SRHB184B	39.327		0.062	
SRHB185B	169.482		-0.001	
SRHB186B	838.792		0.03	

Appendix F: Partial leach soil sample details and assays

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB187B	16.972		0.164	
SRHB188B	9.317		0.099	
SRHB189B	17.01		0.088	
SRHB190B	6.462		0.048	
SRHB191B	8.415		0.137	
SRHB192B	6.128		0.076	
SRHB193B	3.107		0.088	
SRHB194B	4.93		0.107	
SRHB195B	7.246		0.017	
SRHB196B	7.183		0.031	
SRHB197B	7.597		0.049	
SRHB198B	11.553		0.014	
SRHB199B	4.184		0.421	
SRHB200B	5.542		0.069	
SRHB201B	-999		-999	
SRHB202B	-999		-999	
SRHB203B	-999		-999	
SRHB204B	-999		-999	
SRHB205B	-999		-999	
SRHB206B	-999		-999	
SRHB207B	-999		-999	
SRHB208B	-999		-999	
SRHB209B	-999		-999	
SRHB210B	-999		-999	
SRHB211B	-999		-999	
SRHB212B	-999		-999	
SRHB213B	-999		-999	
SRHB214B	-999		-999	
SRHB215B	-999		-999	
SRHB216B	-999		-999	
SRHB217B	-999		-999	
SRHB218B	-999		-999	
SRHB219B	-999		-999	
SRHB220B	-999		-999	
SRHB221B	-999		-999	
SRHB222B	-999		-999	
SRHB223B	-999		-999	
SRHB224B	-999		-999	
SRHB225B	-999		-999	
SRHB226B	-999		-999	
SRHB227B	-999		-999	
SRHB228B	-999		-999	
SRHB229B	-999		-999	
SRHB230B	-999		-999	
SRHB231B	-999		-999	
SRHB232B	-999		-999	
SRHB233B	-999		-999	
SRHB234B	-999		-999	
SRHB235B	-999		-999	

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB236B	-999		-999	
SRHB237B	-999		-999	
SRHB238B	-999		-999	
SRHB239B	-999		-999	
SRHB240B	-999		-999	
SRHB241B	-999		-999	
SRHB242B	-999		-999	
SRHB243B	-999		-999	
SRHB244B	-999		-999	
SRHB245B	-999		-999	
SRHB246B	-999		-999	
SRHB247B	-999		-999	
SRHB248B	-999		-999	
SRHB249B	-999		-999	
SRHB250B	-999		-999	
SRHB251B	-999		-999	
SRHB252B	-999		-999	
SRHB253B	-999		-999	
SRHB254B	-999		-999	
SRHB255B	-999		-999	
SRHB256B	-999		-999	
SRHB257B	-999		-999	
SRHB258B	-999		-999	
SRHB259B	-999		-999	
SRHB260B	-999		-999	
SRHB261B	-999		-999	
SRHB262B	-999		-999	
SRHB263B	-999		-999	
SRHB264B	-999		-999	
SRHB265B	-999		-999	
SRHB266B	-999		-999	
SRHB267B	-999		-999	
SRHB268B	-999		-999	
SRHB269B	-999		-999	
SRHB270B	-999		-999	
SRHB271B	-999		-999	
SRHB272B	-999		-999	
SRHB273B	-999		-999	
SRHB274B	-999		-999	
SRHB275B	-999		-999	

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB276B	-999		-999	
SRHB277B	-999		-999	
SRHB278B	-999		-999	
SRHB279B	-999		-999	
SRHB280B	-999		-999	
SRHB281B	-999		-999	
SRHB282B	-999		-999	
SRHB283B	-999		-999	
SRHB284B	-999		-999	
SRHB285B	-999		-999	
SRHB286B	-999		-999	
SRHB287B	-999		-999	
SRHB288B	-999		-999	
SRHB289B	-999		-999	
SRHB290B	-999		-999	
SRHB291B	-999		-999	
SRHB292B	-999		-999	
SRHB293B	-999		-999	
SRHB294B	-999		-999	
SRHB295B	-999		-999	
SRHB296B	-999		-999	
SRHB297B	-999		-999	
SRHB298B	-999		-999	
SRHB299B	-999		-999	
SRHB300B	-999		-999	
SRHB301B	-999		-999	
SRHB302B	-999		-999	
SRHB303B	-999		-999	
SRHB304B	-999		-999	
SRHB305B	-999		-999	
SRHB306B	-999		-999	
SRHB307B	-999		-999	
SRHB308B	-999		-999	
SRHB309B	-999		-999	
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SRHB313B	-999		-999	
SRHB314B	-999		-999	
SRHB315B	-999		-999	
SRHB316B	-999		-999	
SRHB317B	-999		-999	
SRHB318B	-999		-999	
SRHB319B	-999		-999	
SRHB320B	-999		-999	
SRHB321B	-999		-999	
SRHB322B	-999		-999	
SRHB323B	-999		-999	
SRHB324B	-999		-999	

Appendix F: Partial leach soil sample details and assays

Sample	Sb_ppb	Sb_d_ppb	Au_ppb	Au_d_ppb
SRHB325B	-999		-999	
SRHB326B	-999		-999	
SRHB327B	-999		-999	
SRHB328B	-999		-999	

ANALYTICAL REPORT

Stuart Owen
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0507533
No. of SAMPLES	: 12
No. of ELEMENTS	: 11
CLIENT O/N	: S Owens
SAMPLE SUBMISSION No.	:
PROJECT	: SRBS002 - - SRBS011-0.3
STATE	: Various
DATE RECEIVED	: 30/08/2005
DATE COMPLETED	: 20/09/2005
DATE PRINTED	: 20/09/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

DISCLAIMER

Genalysis Laboratory Services Pty Ltd wishes to make the following disclaimer pertaining to the accompanying analytical results.

Genalysis Laboratory Services Pty Ltd disclaims any liability, legal or otherwise, for any inferences implied from this report relating to either the origin of, or the sampling technique employed in the collection of, the submitted samples.

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

Genalysis Laboratory Services Pty Ltd accepts no responsibility whatsoever for any interpretation by any party of any data where more than two or three significant figures have been reported.

SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.95 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Co	Cr	Fe	Mg	Mn	Ni	Pd	Pt	Sn
UNITS	ppb	ppm	ppm	%	%	ppm	ppm	ppb	ppb	%
DETECTION	1	20	50	0.01	0.01	20	20	1	1	0.01
DIGEST	FA25/	D/	D/	D/	D/	D/	D/	FA25/	FA25/	D/
ANALYTICAL FINISH	MS	OES	OES	OES	OES	OES	OES	MS	MS	OES
SAMPLE NUMBERS										
0001 SRBS002	2	138	1.66%	23.16	0.25	336	886	X	2	X
0002 SRBS004	1	44	1.40%	26.08	0.19	182	415	1	2	0.01
0003 SRBS007	2	21	428	3.49	0.13	623	131	2	3	X
0004 SRBS008	2	44	3.16%	2.74	0.53	243	89	2	4	0.02
0005 SRBS009	X	X	2295	0.73	0.03	76	20	X	X	0.08
0006 SRBS011	2	X	802	0.76	0.12	58	39	X	X	X
0007 SRBS002-0.3	1	120	3.65%	19.18	0.39	414	626	X	2	X
0008 SRBS004-0.3	3	51	2.07%	20.34	0.21	191	439	2	2	0.02
0009 SRBS007-0.3	1	X	240	2.70	0.09	330	45	1	2	0.03
0010 SRBS008-0.3	2	60	4.79%	2.62	0.74	314	86	X	2	0.02
0011 SRBS009-0.3	21	X	5894	0.78	0.09	100	63	X	X	0.03
0012 SRBS011-0.3	2	X	2042	0.76	0.13	84	80	X	X	X
CHECKS										
0001 SRBS002	2	151	1.71%	22.94	0.25	347	935	1	2	0.02
STANDARDS										
0001 OREAS13P	51							73	51	
0002 SARM1		X	265	1.36	0.02	131	X			X
BLANKS										
0001 Control Blank	1	X	X	0.01	X	X	X	X	X	X
0002 Control Blank		X	X	0.02	X	X	X			X
0003 Acid Blank		X	X	0.02	X	X	X			X

ANALYSIS

ELEMENTS	W
UNITS	%
DETECTION	0.01
DIGEST	D/
ANALYTICAL FINISH	OES
SAMPLE NUMBERS	
0001 SRBS002	X
0002 SRBS004	X
0003 SRBS007	X
0004 SRBS008	X
0005 SRBS009	0.01
0006 SRBS011	X
0007 SRBS002-0.3	X
0008 SRBS004-0.3	X
0009 SRBS007-0.3	X
0010 SRBS008-0.3	X
0011 SRBS009-0.3	X
0012 SRBS011-0.3	X
CHECKS	
0001 SRBS002	X
STANDARDS	
0001 OREAS13P	
0002 SARM1	X
BLANKS	
0001 Control Blank	X
0002 Control Blank	0.01
0003 Acid Blank	X

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503656
No. of SAMPLES	: 81
No. of ELEMENTS	: 8
CLIENT O/N	: S Brooks
SAMPLE SUBMISSION No.	:
PROJECT	: SRSS-126 - SRSS-221
STATE	: Ex-Pulp
DATE RECEIVED	: 11/05/2005
DATE COMPLETED	: 15/06/2005
DATE PRINTED	: 15/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

DISCLAIMER

Genalysis Laboratory Services Pty Ltd wishes to make the following disclaimer pertaining to the accompanying analytical results.

Genalysis Laboratory Services Pty Ltd disclaims any liability, legal or otherwise, for any inferences implied from this report relating to either the origin of, or the sampling technique employed in the collection of, the submitted samples.

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

Genalysis Laboratory Services Pty Ltd accepts no responsibility whatsoever for any interpretation by any party of any data where more than two or three significant figures have been reported.

SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.95 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Ag	As	Co	Mn	Mo	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	0.1	1	0.1	0.1	0.1	1
DIGEST	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	MS	MS	AAS	MS	MS	MS	AAS
SAMPLE NUMBERS								
0001 SRSS-126	X	11	225.3	1147	0.9	3.0	0.9	641
0002 SRSS-127	0.2	9	231.8	1171	0.5	8.1	1.2	798
0003 SRSS-128	X	20	167.0	1074	1.0	11.2	9.6	584
0004 SRSS-129	X	15	302.5	1680	0.3	6.5	0.7	1054
0005 SRSS-130	X	18	202.9	1631	1.2	1.4	0.7	683
0006 SRSS-131	X	14	43.6	357	0.4	65.2	122.9	174
0007 SRSS-132	X	9	2.3	228	0.9	23.7	104.1	16
0008 SRSS-133	X	22	112.6	818	0.3	61.5	7.7	761
0009 SRSS-134	X	16	80.0	716	0.8	78.3	404.2	307
0010 SRSS-135	X	10	96.8	692	0.4	20.1	174.0	496
0011 SRSS-136	X	33	51.8	1258	2.3	4.5	3.8	479
0012 SRSS-137	X	9	71.3	540	18.7	28.1	75.3	404
0013 SRSS-138	X	9	84.5	732	1.1	7.1	2.7	694
0014 SRSS-139	X	19	288.8	1635	0.2	9.6	1.6	1822
0015 SRSS-140	X	13	59.8	529	0.8	8.6	5.6	349
0016 SRSS-141	X	10	34.8	311	0.3	7.3	2.5	210
0017 SRSS-142	X	18	264.7	1621	0.5	41.8	3.1	1708
0018 SRSS-143	X	21	211.8	1354	0.4	57.0	4.9	1289
0019 SRSS-144	X	9	2.2	127	0.9	5.0	1.9	17
0020 SRSS-145	X	13	11.6	276	0.4	15.1	56.9	61
0021 SRSS-146	X	10	86.9	697	0.9	111.1	737.5*	334
0022 SRSS-147	X	19	153.7	1445	1.3	1.7	6.8	517
0023 SRSS-148	X	11	74.9	554	1.0	11.7	21.0	349
0024 SRSS-149	X	17	310.1	1745	0.3	18.9	5.6	947
0025 SRSS-150	X	11	151.4	926	1.3	11.9	167.5	375
0026 SRSS-151	X	10	42.1	439	0.5	10.1	9.7	141
0027 SRSS-152	X	12	169.3	1409	0.5	29.1	25.2	430
0028 SRSS-153	X	19	173.6	1239	1.0	1.3	1.2	826
0029 SRSS-154	0.1	13	210.8	984	0.6	21.4	11.3	556
0030 SRSS-155	X	18	36.4	1907	1.5	2.8	0.7	250
0031 SRSS-156	X	23	333.6	1833	0.6	14.8	7.5	789
0032 SRSS-157	X	13	138.1	1001	0.3	29.0	241.5	515
0033 SRSS-158	X	11	39.6	838	0.8	19.5	26.3	195
0034 SRSS-159	X	4	5.2	527	0.3	4.7	5.6	40
0035 SRSS-160	X	9	92.5	659	1.0	11.5	3.9	278
0036 SRSS-161	X	5	13.3	215	0.2	6.1	2.4	111
0037 SRSS-162	X	6	31.0	476	0.3	11.7	20.5	172
0038 SRSS-163	X	24	217.6	1708	0.4	135.8	626.6	852
0039 SRSS-164	X	20	155.9	1037	1.0	31.6	188.6	592
0040 SRSS-165	X	29	316.6	1649	0.3	19.8	11.7	1117

ANALYSIS

ELEMENTS	Ag	As	Co	Mn	Mo	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	0.1	1	0.1	0.1	0.1	1
DIGEST	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	MS	MS	AAS	MS	MS	MS	AAS
SAMPLE NUMBERS								
0041 SRSS-166	X	40	262.7	1766	0.9	79.5	129.6	990
0042 SRSS-167	X	41	271.1	2298	0.4	118.1	71.5	1535
0043 SRSS-170	X	30	232.2	1556	0.8	88.0	173.1	973
0044 SRSS-171	X	15	126.1	935	0.9	22.9	55.3	764
0045 SRSS-172	X	41	241.2	1713	1.0	63.1	87.6	946
0046 SRSS-178	X	35	504.6	2314	0.8	17.1	4.7	1902
0047 SRSS-179	X	26	516.0*	2333	0.4	19.1	3.6	2000
0048 SRSS-181	X	23	235.4	1249	0.7	17.4	79.2	944
9 SRSS-182	X	32	271.7	1373	0.7	10.0	36.0	1098
0050 SRSS-183	X	31	57.7	468	1.3	19.0	34.7	241
0051 SRSS-184	X	29	65.1	566	1.2	14.1	14.0	235
0052 SRSS-185	X	31	152.1	1027	1.1	21.0	23.1	565
0053 SRSS-186	X	39	251.5	1830	1.0	21.5	10.3	586
0054 SRSS-187	X	29	182.6	1178	1.0	501.3*	556.1	812
0055 SRSS-188	X	34	296.8	1485	0.8	14.4	16.5	1025
0056 SRSS-189	X	32	227.1	1320	0.9	79.8	160.3	926
0057 SRSS-190	X	48	385.5	2844	1.1	26.9	7.5	1564
0058 SRSS-192	X	28	384.8	2739	0.3	32.3	4.1	1378
0059 SRSS-193	X	22	267.1	1429	0.7	19.6	24.3	1042
0060 SRSS-194	X	47	287.8	1236	1.3	8.7	8.9	874
0061 SRSS-195	X	26	323.7	1619	0.6	17.6	11.0	1097
0062 SRSS-196	X	24	256.3	2012	0.9	28.8	16.0	1080
0063 SRSS-199	X	32	421.6	1777	1.0	1.7	12.1	761
4 SRSS-202	0.1	20	54.4	946	1.5	3.1	1.1	229
0065 SRSS-203	X	26	423.3	2113	0.8	6.6	14.5	1541
0066 SRSS-204	X	28	153.4	933	0.8	14.3	20.4	581
0067 SRSS-205	X	30	512.2	2152	0.7	17.3	8.5	1614
0068 SRSS-206	X	30	440.2	2364	0.8	25.0	3.0	1994
0069 SRSS-207	X	29	493.5	2571	0.6	13.5	1.8	2063
0070 SRSS-208	0.1	36	319.1	1592	0.9	12.8	8.9	1137
0071 SRSS-210	X	24	236.6	1243	1.0	9.8	24.0	831
0072 SRSS-211	X	28	171.2	1025	1.1	10.9	8.8	558
0073 SRSS-212	X	28	205.8	1083	2.5	8.3	14.0	696
0074 SRSS-213	X	31	202.4	1204	1.0	10.9	12.3	676
0075 SRSS-214	X	22	54.2	738	1.3	8.8	4.1	188
0076 SRSS-215	X	35	231.2	1304	1.6	9.0	10.0	728
0077 SRSS-216	X	18	458.6	2568	0.7	0.6	1.0	1001
0078 SRSS-218	X	38	248.3	1318	1.4	11.1	11.8	729
0079 SRSS-219	X	19	69.0	901	1.3	2.5	1.0	239
0080 SRSS-220	X	48	343.4	2223	2.4	18.4	14.3	1054

ANALYSIS

ELEMENTS	Ag	As	Co	Mn	Mo	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	0.1	1	0.1	0.1	0.1	1
DIGEST	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	MS	MS	AAS	MS	MS	MS	AAS
SAMPLE NUMBERS								
0081 SRSS-221	X	26	382.2	1970	0.7	10.3	12.9	1335
CHECKS								
0001 SRSS-126	X	19	230.0	1147	0.8	3.5	1.3	630
0002 SRSS-152	X	16	180.2	1426	0.6	28.8	26.6	418
0003 SRSS-186	X	31	233.2	1765	0.8	23.8	8.5	583
0004 SRSS-219	X	17	63.8	897	1.2	2.4	0.5	240
\NDARDS								
0001 TKCLOW-1	5.2	154	37.7	771	93.4	50.3	17.9	304
0002 WGB-1	X	2	28.6	1053	1.0	4.4	1.6	34
0003 OREAS 45P	0.2	15	114.2	1195	1.7	2.8	0.9	141
0004 TKC4	18.0	614	144.6	1856	57.1	6.7	63.5	1061
BLANKS								
0001 Control Blank	X	X	X	1	X	0.1	X	X
0002 Control Blank	0.2	2	X	1	X	X	0.3	X
0003 Acid Blank	X	2	X	X	X	X	0.2	1

METHOD CODE DESCRIPTION

AT/MS

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

AT/AAS

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503569
No. of SAMPLES	: 128
No. of ELEMENTS	: 4
CLIENT O/N	: S. BROOKS : 6/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRHB201B - SRHB328B
STATE	: Soil
DATE RECEIVED	: 09/05/2005
DATE COMPLETED	: 17/06/2005
DATE PRINTED	: 17/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.95 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0001 SRHB201B	52	1422	0.33	15.82
0002 SRHB202B	67	9353	0.52	167.21
0003 SRHB203B	57	9624	0.44	176.41
0004 SRHB204B	41	7214	0.50	170.12
0005 SRHB205B	55	4643	0.70	137.10
0006 SRHB206B	73	6541	0.70	132.90
0007 SRHB207B	47	3839	0.37	92.47
0008 SRHB208B	73	6780	0.68	189.25
0009 SRHB209B	74	7421	0.59	190.31
0010 SRHB210B	75	3003	0.53	181.33
0011 SRHB211B	76	2217	0.42	114.29
0012 SRHB212B	81	4130	0.84	112.78
0013 SRHB213B	61*	2674*	0.44*	249.71*
0014 SRHB214B	63	1974	0.40	210.96
0015 SRHB215B	53	2634	0.34	134.68
0016 SRHB216B	50	2318	0.22	121.75
0017 SRHB217B	69	222	0.26	4.01
0018 SRHB218B	102	375	0.29	4.08
0019 SRHB219B	101	91	0.46	1.05
0020 SRHB220B	79	63	0.41	0.58
0021 SRHB221B	854*	267*	2.38*	5.60*
0022 SRHB222B	72	31	0.20	0.12
0023 SRHB223B	87	62	0.45	0.31
0024 SRHB224B	129	341	0.47	1.52
0025 SRHB225B	120	133	0.47	0.62
0026 SRHB226B	112	47	0.28	0.41
0027 SRHB227B	124	39	0.36	0.19
0028 SRHB228B	59	45	1.11	0.32
0029 SRHB229B	89	42	1.75	0.32
0030 SRHB230B	99	42	0.83	0.15
0031 SRHB231B	111	37	1.18	0.28
0032 SRHB232B	89	39	0.88	0.57
0033 SRHB233B	224	35	0.64	0.42
0034 SRHB234B	86	51	1.70	0.74
0035 SRHB235B	147	46	1.05	0.57
0036 SRHB236B	64	39	1.47	0.50
0037 SRHB237B	147	28	0.58	0.25
0038 SRHB238B	33	15	0.57	0.20
0039 SRHB239B	57	21	0.98	0.22
0040 SRHB240B	211	1814	0.42	9.94

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0041 SRHB241B	424	11998	0.31	12.66
0042 SRHB242B	490	8359	0.46	7.13
0043 SRHB243B	449	11594	0.84	83.02
0044 SRHB244B	218	2135	0.35	2.39
0045 SRHB245B	296	372	0.26	1.50
0046 SRHB246B	130	110	0.19	0.99
0047 SRHB247B	119	47	0.22	0.47
0048 SRHB248B	109	220	0.16	0.99
[illegible]9 SRHB249B	66	65	0.15	0.34
0050 SRHB250B	52	170	0.71	0.79
0051 SRHB251B	63	77	0.19	0.48
0052 SRHB252B	75	104	0.21	0.69
0053 SRHB253B	72	65	0.45	1.01
0054 SRHB254B	54	1085	0.25	1.92
0055 SRHB255B	59	692	0.21	1.03
0056 SRHB256B	80	114	0.10	1.33
0057 SRHB257B	56	2401	0.14	144.58
0058 SRHB258B	45	2709	0.12	5.31
0059 SRHB259B	45	4272	0.39	20.23
0060 SRHB260B	28	1585	0.16	26.08
0061 SRHB261B	98	13039	0.34	44.06
0062 SRHB262B	29	2032	0.11	14.29
0063 SRHB263B	63	12807	0.52	48.55
[illegible]4 SRHB264B	59	4642	0.29	164.45
0065 SRHB265B	50	250	0.14	1.57
0066 SRHB266B	58	190	0.36	1.07
0067 SRHB267B	281	3608	0.28	207.07
0068 SRHB268B	140	7534	0.40	78.13
0069 SRHB269B	174	4421	1.56	120.10
0070 SRHB270B	89	4197	0.60	70.05
0071 SRHB271B	75	7041	0.49	34.90
0072 SRHB272B	52	5452	0.49	40.19
0073 SRHB273B	51	3085	0.46	65.10
0074 SRHB274B	59	4330	0.49	32.63
0075 SRHB275B	50	4166	0.38	52.66
0076 SRHB276B	74	10160	0.50	136.25
0077 SRHB277B	58	4303	0.39	78.10
0078 SRHB278B	79	6517	0.39	94.73
0079 SRHB279B	53	5784	0.45	84.96
0080 SRHB280B	68*	13179*	0.58*	60.16*

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0081 SRHB281B	61	5538	0.40	33.39
0082 SRHB282B	58	2927	0.76	45.63
0083 SRHB283B	75	11993	0.85	27.30
0084 SRHB284B	64	7122	0.53	20.79
0085 SRHB285B	52	3818	1.24	26.80
0086 SRHB286B	81	1210	2.33	64.29
0087 SRHB287B	79	452	4.10	0.88
0088 SRHB288B	74	233	7.04	0.75
0089 SRHB289B	91	617	2.17	0.82
0090 SRHB290B	88	304	1.07	0.77
0091 SRHB291B	73	91	0.82	0.60
0092 SRHB292B	63	65	0.95	0.43
0093 SRHB293B	86	47	1.29	0.29
0094 SRHB294B	73*	1848*	8.91*	1.52*
0095 SRHB295B	96	131	0.26	0.83
0096 SRHB296B	89	146	0.40	0.81
0097 SRHB297B	190	8683	0.36	22.13
0098 SRHB298B	785*	16791*	0.38*	171.53*
0099 SRHB299B	88	181	0.33	1.33
0100 SRHB300B	263	2434	0.29	12.59
0101 SRHB301B	64	5132	0.41	41.25
0102 SRHB302B	63	1350	0.53	5.18
0103 SRHB303B	57	3795	0.85	11.24
0104 SRHB304B	81	283	0.34	1.79
0105 SRHB305B	102	107	0.78	0.68
0106 SRHB306B	96	164	0.73	0.80
0107 SRHB307B	132	1326	4.90	4.25
0108 SRHB308B	119	2250	1.80	5.89
0109 SRHB309B	216	203	0.54	1.42
0110 SRHB310B	256	3044	0.73	16.76
0111 SRHB311B	319	4070	0.66	34.30
0112 SRHB312B	330	1557	3.33	4.92
0113 SRHB313B	528	1557	5.23	4.80
0114 SRHB314B	308	1004	2.71	3.96
0115 SRHB315B	417	1063	2.16	3.24
0116 SRHB316B	336	228	4.17	1.08
0117 SRHB317B	119	314	1.91	1.94
0118 SRHB318B	256	922	2.55	1.86
0119 SRHB319B	364	822	3.47	3.76
0120 SRHB320B	73	302	1.54	1.30

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0121 SRHB321B	215	101	0.76	0.34
0122 SRHB322B	151	168	0.75	0.56
0123 SRHB323B	339	598	3.31	1.68
0124 SRHB324B	303	257	3.80	1.24
0125 SRHB325B	145	646	1.43	1.46
0126 SRHB326B	188	164	1.20	0.78
0127 SRHB327B	301	671	4.97	1.41
0128 SRHB328B	57*	7263*	0.85*	229.01*
CHECKS				
0001 SRHB201B	53	1537	0.30	17.44
0002 SRHB227B	129	35	0.36	0.18
0003 SRHB253B	56	41	0.26	0.60
0004 SRHB279B	51	4278	0.46	86.80
0005 SRHB305B	91	126	0.75	0.76
STANDARDS				
0001 PDS4_TL1_DF10	666	608	18.59	9.56
0002 PDS4_TL1_DF10	660	601	18.55	9.79
0003 PDS4_TL1_DF10	690	604	18.82	9.71
0004 PDS4_TL1_DF10	660	598	18.39	9.54
0005 PDS4_TL1_DF10	684	617	18.84	9.68
BLANKS				
0001 Control Blank	X	X	X	X
0002 Control Blank	X	X	X	X
0003 Control Blank	X	X	X	X

METHOD CODE DESCRIPTION

TL1/MS

Digestion for particulate & ionic Au & pathfinder elements. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503568
No. of SAMPLES	: 100
No. of ELEMENTS	: 4
CLIENT O/N	: S. BROOKS : 5/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRHB101B - SRHB200B
STATE	: Soil
DATE RECEIVED	: 09/05/2005
DATE COMPLETED	: 17/06/2005
DATE PRINTED	: 17/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

DISCLAIMER

Genalysis Laboratory Services Pty Ltd wishes to make the following disclaimer pertaining to the accompanying analytical results.

Genalysis Laboratory Services Pty Ltd disclaims any liability, legal or otherwise, for any inferences implied from this report relating to either the origin of, or the sampling technique employed in the collection of, the submitted samples.

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

Genalysis Laboratory Services Pty Ltd accepts no responsibility whatsoever for any interpretation by any party of any data where more than two or three significant figures have been reported.

SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.95 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0001 SRHB101B	57	14589	0.65	117.46
0002 SRHB102B	83	35532	0.84	100.29
0003 SRHB103B	55	18618	0.82	113.34
0004 SRHB104B	78	17395	0.68	130.54
0005 SRHB105B	58	17282	0.54	80.38
0006 SRHB106B	55	9437	0.76	220.00
0007 SRHB107B	50	11535	0.62	209.50
0008 SRHB108B	75	10732	0.65	263.10
0009 SRHB109B	71	35419	0.94	187.01
0010 SRHB110B	59	12376	0.72	192.32
0011 SRHB111B	67	11690	1.28	179.18
0012 SRHB112B	65	13627	0.88	186.93
0013 SRHB113B	95	19964	0.75	175.32
0014 SRHB114B	53*	37802*	0.49*	132.10*
0015 SRHB115B	67	13208	0.63	204.86
0016 SRHB116B	56	14216	0.57	201.44
0017 SRHB117B	71	2056	0.59	12.21
0018 SRHB118B	70	8711	0.79	214.15
0019 SRHB119B	115	5589	0.26	293.57
0020 SRHB120B	14	9317	0.29	338.25
0021 SRHB121B	43	4213	0.37	195.98
0022 SRHB122B	30	3429	0.36	210.23
0023 SRHB123B	27	11222	0.20	227.59
0024 SRHB124B	44	6811	0.51	192.13
0025 SRHB125B	51	12002	0.98	270.16
0026 SRHB126B	4*	13733*	0.34*	533.79*
0027 SRHB127B	59	6091	0.59	195.20
0028 SRHB128B	89	6414	1.82	317.53
0029 SRHB129B	221	11702	2.69	169.31
0030 SRHB130B	56	6888	0.84	225.59
0031 SRHB131B	74	4372	1.06	224.86
0032 SRHB132B	69	4120	0.63	193.87
0033 SRHB133B	70	4167	0.73	231.24
0034 SRHB134B	42	6369	0.60	205.96
0035 SRHB135B	23	5004	0.50	376.44
0036 SRHB136B	46	8276	0.34	143.27
0037 SRHB137B	45	5709	0.64	202.66
0038 SRHB138B	54	4229	1.04	332.64
0039 SRHB139B	211	5894	0.13	212.22
0040 SRHB140B	89	7374	0.71	235.19

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0041 SRHB141B	50	5601	0.57	166.35
0042 SRHB142B	88	3739	0.58	270.51
0043 SRHB143B	108	5519	0.47	220.74
0044 SRHB144B	69	5076	1.35	173.68
0045 SRHB145B	87	2486	0.75	166.47
0046 SRHB146B	361	3006	0.48	184.72
0047 SRHB147B	65	4018	2.36	253.52
0048 SRHB148B	48	4149	0.87	177.76
0049 SRHB149B	154	6640	0.52	187.13
0050 SRHB150B	98	10981	0.35	116.93
0051 SRHB151B	81	7419	0.42	26.57
0052 SRHB152B	178	7245	0.79	19.48
0053 SRHB153B	236	5865	0.33	142.99
0054 SRHB154B	80	14149	0.38	29.70
0055 SRHB155B	46	1823	0.16	7.34
0056 SRHB156B	151	7413	1.14	288.29
0057 SRHB157B	123	9629	1.50	284.77
0058 SRHB158B	75	12491	1.05	45.48
0059 SRHB159B	214	7639	0.75	153.04
0060 SRHB160B	115	19297	1.67	86.86
0061 SRHB161B	235	9757	0.68	135.53
0062 SRHB162B	252	4677	0.28	27.20
0063 SRHB163B	196	9146	0.49	146.01
0064 SRHB164B	547	27232	0.37	71.49
0065 SRHB165B	252	10680	1.04	167.83
0066 SRHB166B	68	3000	0.73	137.22
0067 SRHB167B	107	4134	0.54	17.25
0068 SRHB168B	104	9167	1.01	58.30
0069 SRHB169B	143	804	0.22	4.65
0070 SRHB170B	217	5587	0.81	62.36
0071 SRHB171B	138	5297	1.42	36.59
0072 SRHB172B	197	13201	0.80	49.94
0073 SRHB173B	195	295	0.24	3.86
0074 SRHB174B	132	203	0.44	1.49
0075 SRHB175B	155	4523	0.79	254.70
0076 SRHB176B	142	5923	0.94	254.50
0077 SRHB177B	982	5775	0.83	167.31
0078 SRHB178B	1333	12955	0.47	78.07
0079 SRHB179B	1502	8442	0.38	16.53
0080 SRHB180B	508	3631	0.75	212.04

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0081 SRHB181B	384	10999	0.77	224.40
0082 SRHB182B	1470	547	0.25	4.05
0083 SRHB183B	2270	1377	0.47	52.62
0084 SRHB184B	841	5591	1.95	168.68
0085 SRHB185B	1726	284	0.45	2.53
0086 SRHB186B	5347*	14774*	1.98*	64.55*
0087 SRHB187B	449	7394	0.27	73.58
0088 SRHB188B	359	7854	0.62	133.98
0089 SRHB189B	549	9773	0.39	234.08
0090 SRHB190B	365	10231	0.37	283.59
0091 SRHB191B	561	12150	0.36	310.59
0092 SRHB192B	192	9864	0.45	311.01
0093 SRHB193B	69	3912	0.30	93.45
0094 SRHB194B	194	6067	0.26	240.85
0095 SRHB195B	234	12814	0.53	185.29
0096 SRHB196B	158	3284	0.33	17.47
0097 SRHB197B	390	13784	0.71	188.44
0098 SRHB198B	424	8154	0.56	26.24
0099 SRHB199B	233	618	0.42	6.15
0100 SRHB200B	270	318	0.56	1.80
CHECKS				
0001 SRHB101B	53	14828	0.65	120.51
0002 SRHB127B	64	5882	0.56	180.33
0003 SRHB153B	270	5720	0.26	120.46
0004 SRHB179B	2056	12000	0.41	23.04
STANDARDS				
0001 PDS4_TL1_DF10	624	565	16.52	8.99
0002 PDS4_TL1_DF10	657	583	18.10	9.53
0003 PDS4_TL1_DF10	690	582	18.19	9.44
0004 PDS4_TL1_DF10	664	581	18.15	9.45
0005 PDS4_TL1_DF10	674	616	18.58	9.92
BLANKS				
0001 Control Blank	X	X	0.02	X
0002 Control Blank	X	2	0.02	0.02

METHOD CODE DESCRIPTION

TL1/MS

Digestion for particulate & ionic Au & pathfinder elements. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503487
No. of SAMPLES	: 100
No. of ELEMENTS	: 4
CLIENT O/N	: S. BROOKS : 4/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRHB001B - SRHB100B
STATE	: Soil
DATE RECEIVED	: 05/05/2005
DATE COMPLETED	: 17/06/2005
DATE PRINTED	: 17/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

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SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

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SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0001 SRHB001B	97	9285	0.54	232.64
0002 SRHB002B	54	4388	0.39	242.08
0003 SRHB003B	85	7972	0.62	212.82
0004 SRHB004B	40	6160	0.45	186.97
0005 SRHB005B	71	7588	0.96	249.27
0006 SRHB006B	70	8306	0.89	242.50
0007 SRHB007B	72	8086	0.98	176.15
0008 SRHB008B	53	6849	0.52	285.74
0009 SRHB009B	55	5569	0.49	231.34
0010 SRHB010B	50	9159	0.49	235.82
0011 SRHB011B	50	9808	0.99	208.01
0012 SRHB012B	51	7697	0.72	164.06
0013 SRHB013B	27	9454	0.39	83.02
0014 SRHB014B	64	31589	0.50	93.81
0015 SRHB015B	45	10613	0.23	8.55
0016 SRHB016B	38	20449	0.86	41.64
0017 SRHB017B	56	6525	0.82	224.09
0018 SRHB018B	66	10353	0.76	237.75
0019 SRHB019B	49	5810	0.61	158.42
0020 SRHB020B	121	3024	0.79	213.87
0021 SRHB021B	54	7740	0.34	186.66
0022 SRHB022B	61	2915	0.76	229.42
0023 SRHB023B	64	9460	0.86	245.19
0024 SRHB024B	71	6859	0.71	204.59
0025 SRHB025B	78	7603	0.87	418.98
0026 SRHB026B	61	11716	0.66	233.17
0027 SRHB027B	33	3318	0.46	460.92
0028 SRHB028B	44	25382	0.51	126.31
0029 SRHB029B	46	3776	0.55	157.90
0030 SRHB030B	82	13072	2.29	21.39
0031 SRHB031B	227	1256	2.79	4.73
0032 SRHB032B	190	2645	5.23	7.29
0033 SRHB033B	311	788	6.39	4.01
0034 SRHB034B	721	439	12.30	2.00
0035 SRHB035B	661	449	11.26	2.63
0036 SRHB036B	1625	286	8.78	1.90
0037 SRHB037B	987	335	8.47	1.72
0038 SRHB038B	49	4440	0.95	282.62
0039 SRHB039B	64	13039	1.21	166.82
0040 SRHB040B	47	11666	0.68	252.57

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0041 SRHB041B	43	7358	0.52	171.76
0042 SRHB042B	56	8715	0.93	252.26
0043 SRHB043B	46	12724	0.56	236.61
0044 SRHB044B	51	5347	0.54	140.39
0045 SRHB045B	54	4064	0.45	238.09
0046 SRHB046B	43	14190	0.45	140.76
0047 SRHB047B	28	12559	0.35	178.23
0048 SRHB048B	44	4197	0.60	199.66
0049 SRHB049B	50	8774	1.12	211.00
0050 SRHB050B	55	2770	0.72	318.68
0051 SRHB051B	56	19988	0.95	164.12
0052 SRHB052B	41	27062	1.11	135.38
0053 SRHB053B	69	7877	0.93	335.66
0054 SRHB054B	75	11797	0.39	413.17
0055 SRHB055B	50	11400	0.39	333.97
0056 SRHB056B	59	10124	0.35	377.03
0057 SRHB057B	41	9238	0.43	343.35
0058 SRHB058B	26	6037	0.53	327.21
0059 SRHB059B	27	5437	0.57	334.95
0060 SRHB060B	47	6622	0.44	361.94
0061 SRHB061B	38	8209	0.42	419.91
0062 SRHB062B	68	8147	0.62	365.09
0063 SRHB063B	69	7500	0.82	581.97
0064 SRHB064B	85	14187	0.80	495.26
0065 SRHB065B	72	10451	0.80	297.48
0066 SRHB066B	33	7832	0.39	214.56
0067 SRHB067B	83	14198	0.46	371.14
0068 SRHB068B	65	6571	0.85	337.19
0069 SRHB069B	58	8231	1.42	301.96
0070 SRHB070B	84	4465	1.23	367.79
0071 SRHB071B	46	7050	0.47	337.67
0072 SRHB072B	40	5122	0.46	342.36
0073 SRHB073B	39	10772	0.54	370.18
0074 SRHB074B	58	35223	1.12	117.20
0075 SRHB075B	85	8860	0.67	383.02
0076 SRHB076B	393	2800	1.30	15.14
0077 SRHB077B	189	2297	12.17	7.71
0078 SRHB078B	369	580	2.75	2.89
0079 SRHB079B	409	731	2.84	3.26
0080 SRHB080B	95	7965	0.66	653.77

ANALYSIS

ELEMENTS	As	Co	Cu	Ni
UNITS	ppb	ppb	ppm	ppm
DETECTION	2	2	0.02	0.02
DIGEST	TL1/	TL1/	TL1/	TL1/
ANALYTICAL FINISH	MS	MS	MS	MS
SAMPLE NUMBERS				
0081 SRHB081B	38	12502	0.30	388.00
0082 SRHB082B	18	18244	0.60	650.38
0083 SRHB083B	78	4537	0.62	230.57
0084 SRHB084B	65	3985	0.59	328.48
0085 SRHB085B	47	8099	0.56	303.71
0086 SRHB086B	48	12967	0.72	233.93
0087 SRHB087B	62	14649	0.71	266.43
0088 SRHB088B	28	18818	0.54	668.54
0089 SRHB089B	47	27815	0.28	769.91
0090 SRHB090B	32	18848	0.39	170.96
0091 SRHB091B	81	6652	0.96	124.21
0092 SRHB092B	90	4940	1.22	131.30
0093 SRHB093B	61	27629	0.72	66.92
0094 SRHB094B	69	12193	0.82	204.94
0095 SRHB095B	68	7035	1.07	239.58
0096 SRHB096B	75	25173	1.06	126.57
0097 SRHB097B	115	9680	1.90	101.66
0098 SRHB098B	88	4646	1.18	226.44
0099 SRHB099B	70	9359	0.97	234.50
0100 SRHB100B	64	15462	0.74	261.26
CHECKS				
0001 SRHB001B	101	10516	0.67	295.65
0002 SRHB027B	37	3826	0.46	413.23
0003 SRHB053B	64	8043	1.04	340.06
0004 SRHB079B	373	641	2.51	2.95
STANDARDS				
0001 PDS4_TL1_DF10	602	543	15.24	8.34
0002 PDS4_TL1_DF10	629	614	16.92	9.34
0003 PDS4_TL1_DF10	669	643	18.86	9.89
0004 PDS4_TL1_DF10	708	692	20.23	10.74
0005 PDS4_TL1_DF10	678	680	18.68	10.10
BLANKS				
0001 Control Blank	X	X	X	X
0002 Control Blank	X	2	X	X

METHOD CODE DESCRIPTION

TL1/MS

Digestion for particulate & ionic Au & pathfinder elements. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
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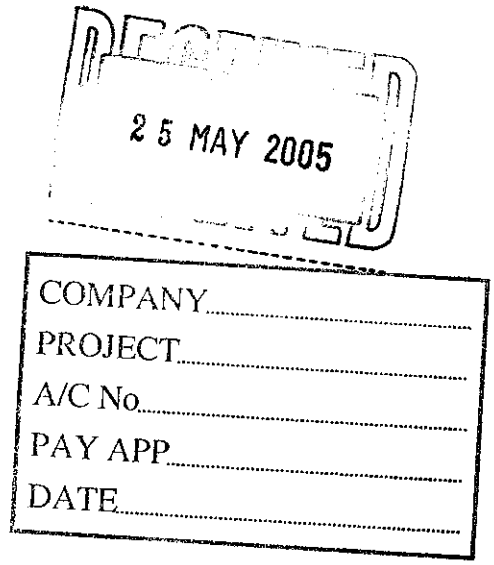
AUSTRALIA



JOB INFORMATION

JOB CODE	: 815.0/0503486
No. of SAMPLES	: 328
No. of ELEMENTS	: 1
CLIENT O/N	: S. BROOKS : 3/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRHB001A - SRHB328A
STATE	: Soil
DATE RECEIVED	: 05/05/2005
DATE COMPLETED	: 24/05/2005
DATE PRINTED	: 24/05/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

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SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0001 SRHB001A	3238
0002 SRHB002A	5621*
0003 SRHB003A	3356
0004 SRHB004A	3736
0005 SRHB005A	2727
0006 SRHB006A	2200
0007 SRHB007A	3189
0008 SRHB008A	4852
0009 SRHB009A	3727
0010 SRHB010A	3777
0011 SRHB011A	4431
0012 SRHB012A	3493
0013 SRHB013A	3156
0014 SRHB014A	3317
0015 SRHB015A	2840
0016 SRHB016A	3025
0017 SRHB017A	2815
0018 SRHB018A	4378
0019 SRHB019A	3559
0020 SRHB020A	2403
0021 SRHB021A	3895
0022 SRHB022A	2601
0023 SRHB023A	3242
0024 SRHB024A	1723
0025 SRHB025A	2081
0026 SRHB026A	3493
0027 SRHB027A	3672
0028 SRHB028A	4715
0029 SRHB029A	2393
0030 SRHB030A	968
0031 SRHB031A	115
0032 SRHB032A	171
0033 SRHB033A	82
0034 SRHB034A	77
0035 SRHB035A	57
0036 SRHB036A	67
0037 SRHB037A	38
0038 SRHB038A	4028
0039 SRHB039A	4735
0040 SRHB040A	4683

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0041 SRHB041A	4797
0042 SRHB042A	4563
0043 SRHB043A	5451
0044 SRHB044A	5197
0045 SRHB045A	4198
0046 SRHB046A	4175
0047 SRHB047A	4665
0048 SRHB048A	4892
0[illegible] SRHB049A	3379
0050 SRHB050A	5701*
0051 SRHB051A	3340
0052 SRHB052A	2991
0053 SRHB053A	4237
0054 SRHB054A	4111
0055 SRHB055A	5226
0056 SRHB056A	5792*
0057 SRHB057A	4466
0058 SRHB058A	4188
0059 SRHB059A	4228
0060 SRHB060A	5376
0061 SRHB061A	5360
0062 SRHB062A	2394
0063 SRHB063A	3333
0[illegible] SRHB064A	2851
0065 SRHB065A	3327
0066 SRHB066A	3734
0067 SRHB067A	2019
0068 SRHB068A	4351
0069 SRHB069A	3666
0070 SRHB070A	4098
0071 SRHB071A	5215
0072 SRHB072A	5202
0073 SRHB073A	4908
0074 SRHB074A	1437
0075 SRHB075A	4668
0076 SRHB076A	185
0077 SRHB077A	80
0078 SRHB078A	34
0079 SRHB079A	31
0080 SRHB080A	3841

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0081 SRHB081A	3800
0082 SRHB082A	4163
0083 SRHB083A	2755
0084 SRHB084A	3317
0085 SRHB085A	4859
0086 SRHB086A	3927
0087 SRHB087A	4621
0088 SRHB088A	5637*
0[illegible] SRHB089A	4035
0090 SRHB090A	3704
0091 SRHB091A	1750
0092 SRHB092A	1577
0093 SRHB093A	2036
0094 SRHB094A	2654
0095 SRHB095A	2980
0096 SRHB096A	2282
0097 SRHB097A	1198
0098 SRHB098A	2018
0099 SRHB099A	3027
0100 SRHB100A	4022
0101 SRHB101A	3638
0102 SRHB102A	3390
0103 SRHB103A	3365
0[illegible] SRHB104A	4952
0105 SRHB105A	3321
0106 SRHB106A	3957
0107 SRHB107A	3888
0108 SRHB108A	5517*
0109 SRHB109A	4221
0110 SRHB110A	3646
0111 SRHB111A	2153
0112 SRHB112A	3658
0113 SRHB113A	3868
0114 SRHB114A	4085
0115 SRHB115A	3676
0116 SRHB116A	3960
0117 SRHB117A	452
0118 SRHB118A	2036
0119 SRHB119A	5029
0120 SRHB120A	3907

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0121 SRHB121A	2206
0122 SRHB122A	3304
0123 SRHB123A	5097
0124 SRHB124A	3310
0125 SRHB125A	3678
0126 SRHB126A	3648
0127 SRHB127A	2015
0128 SRHB128A	3149
0[illegible] SRHB129A	1489
0130 SRHB130A	2110
0131 SRHB131A	2144
0132 SRHB132A	2398
0133 SRHB133A	3422
0134 SRHB134A	3895
0135 SRHB135A	4024
0136 SRHB136A	3885
0137 SRHB137A	2609
0138 SRHB138A	3644
0139 SRHB139A	3688
0140 SRHB140A	3499
0141 SRHB141A	3000
0142 SRHB142A	2567
0143 SRHB143A	4861
0[illegible] SRHB144A	2362
0145 SRHB145A	3252
0146 SRHB146A	3956
0147 SRHB147A	3039
0148 SRHB148A	2701
0149 SRHB149A	3575
0150 SRHB150A	3570
0151 SRHB151A	412
0152 SRHB152A	305
0153 SRHB153A	2004
0154 SRHB154A	2270
0155 SRHB155A	2569
0156 SRHB156A	1669
0157 SRHB157A	1511
0158 SRHB158A	218
0159 SRHB159A	1026
0160 SRHB160A	767

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0161 SRHB161A	1628
0162 SRHB162A	178
0163 SRHB163A	2055
0164 SRHB164A	1480
0165 SRHB165A	1103
0166 SRHB166A	2527
0167 SRHB167A	391
0168 SRHB168A	888
0169 SRHB169A	102
0170 SRHB170A	499
0171 SRHB171A	241
0172 SRHB172A	432
0173 SRHB173A	40
0174 SRHB174A	9
0175 SRHB175A	2614
0176 SRHB176A	2219
0177 SRHB177A	3327
0178 SRHB178A	1623
0179 SRHB179A	794
0180 SRHB180A	3339
0181 SRHB181A	2340
0182 SRHB182A	424
0183 SRHB183A	127
0184 SRHB184A	297
0185 SRHB185A	85
0186 SRHB186A	251
0187 SRHB187A	447
0188 SRHB188A	1315
0189 SRHB189A	3122
0190 SRHB190A	5041
0191 SRHB191A	5666*
0192 SRHB192A	5383
0193 SRHB193A	2201
0194 SRHB194A	4868
0195 SRHB195A	2568
0196 SRHB196A	256
0197 SRHB197A	1802
0198 SRHB198A	192
0199 SRHB199A	37
0200 SRHB200A	24

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0201 SRHB201A	972
0202 SRHB202A	4238
0203 SRHB203A	4562
0204 SRHB204A	4357
0205 SRHB205A	1171
0206 SRHB206A	2765
0207 SRHB207A	2993
0208 SRHB208A	3780
0209 SRHB209A	4226
0210 SRHB210A	3541
0211 SRHB211A	3961
0212 SRHB212A	962
0213 SRHB213A	2914
0214 SRHB214A	3610
0215 SRHB215A	3004
0216 SRHB216A	1957
0217 SRHB217A	16
0218 SRHB218A	15
0219 SRHB219A	8
0220 SRHB220A	6
0221 SRHB221A	39
0222 SRHB222A	31
0223 SRHB223A	20
0224 SRHB224A	13
0225 SRHB225A	5
0226 SRHB226A	14
0227 SRHB227A	9
0228 SRHB228A	18
0229 SRHB229A	20
0230 SRHB230A	18
0231 SRHB231A	17
0232 SRHB232A	8
0233 SRHB233A	7
0234 SRHB234A	14
0235 SRHB235A	8
0236 SRHB236A	12
0237 SRHB237A	3
0238 SRHB238A	4
0239 SRHB239A	11
0240 SRHB240A	360

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0241 SRHB241A	767
0242 SRHB242A	1146
0243 SRHB243A	1609
0244 SRHB244A	1347
0245 SRHB245A	1556
0246 SRHB246A	1325
0247 SRHB247A	1059
0248 SRHB248A	1275
0[illegible] SRHB249A	584
0250 SRHB250A	366
0251 SRHB251A	444
0252 SRHB252A	479
0253 SRHB253A	569
0254 SRHB254A	686
0255 SRHB255A	871
0256 SRHB256A	1215
0257 SRHB257A	4860
0258 SRHB258A	1049
0259 SRHB259A	1242
0260 SRHB260A	1399
0261 SRHB261A	451
0262 SRHB262A	1429
0263 SRHB263A	347
0[illegible] SRHB264A	880
0265 SRHB265A	911
0266 SRHB266A	83
0267 SRHB267A	1738
0268 SRHB268A	572
0269 SRHB269A	371
0270 SRHB270A	197
0271 SRHB271A	286
0272 SRHB272A	293
0273 SRHB273A	198
0274 SRHB274A	197
0275 SRHB275A	533
0276 SRHB276A	719
0277 SRHB277A	867
0278 SRHB278A	749
0279 SRHB279A	508
0280 SRHB280A	333

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0281 SRHB281A	613
0282 SRHB282A	433
0283 SRHB283A	223
0284 SRHB284A	176
0285 SRHB285A	451
0286 SRHB286A	199
0287 SRHB287A	57
0288 SRHB288A	47
0[illegible] SRHB289A	66
0290 SRHB290A	26
0291 SRHB291A	38
0292 SRHB292A	53
0293 SRHB293A	51
0294 SRHB294A	67
0295 SRHB295A	32
0296 SRHB296A	54
0297 SRHB297A	187
0298 SRHB298A	1012
0299 SRHB299A	53
0300 SRHB300A	144
0301 SRHB301A	187
0302 SRHB302A	104
0303 SRHB303A	103
0[illegible] SRHB304A	38
0305 SRHB305A	32
0306 SRHB306A	37
0307 SRHB307A	60
0308 SRHB308A	70
0309 SRHB309A	354
0310 SRHB310A	212
0311 SRHB311A	199
0312 SRHB312A	37
0313 SRHB313A	29
0314 SRHB314A	32
0315 SRHB315A	22
0316 SRHB316A	37
0317 SRHB317A	18
0318 SRHB318A	47
0319 SRHB319A	33
0320 SRHB320A	7

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
SAMPLE NUMBERS	
0321 SRHB321A	8
0322 SRHB322A	13
0323 SRHB323A	36
0324 SRHB324A	37
0325 SRHB325A	10
0326 SRHB326A	15
0327 SRHB327A	38
0328 SRHB328A	1909
CHECKS	
0001 SRHB001A	3292
0002 SRHB027A	3847
0003 SRHB053A	4758
0004 SRHB079A	32
0005 SRHB105A	3456
0006 SRHB131A	2115
0007 SRHB157A	1619
0008 SRHB183A	119
0009 SRHB209A	4102
0010 SRHB235A	12
0011 SRHB261A	439
0012 SRHB287A	58
0013 SRHB313A	32
STANDARDS	
0001 SYN23	108
0002 AE12	111
0003 GLS15	56
0004 PL-10	26
0005 SYN23	110
0006 AE12	106
0007 GLS15	60
0008 PL-10	27
0009 SYN23	102
0010 AE12	111
0011 GLS15	47
0012 PL-10	27
0013 SYN23	104

ANALYSIS

ELEMENTS	Ni
UNITS	ppm
DETECTION	1
DIGEST	B/
ANALYTICAL FINISH	AAS
BLANKS	
0001 Control Blank	1
0002 Control Blank	2
0003 Control Blank	2
0004 Control Blank	3
0005 Control Blank	3

METHOD CODE DESCRIPTION

B/AAS

Aqua-Regia digest. Analysed by Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503485
No. of SAMPLES	: 11
No. of ELEMENTS	: 16
CLIENT O/N	: S. BROOKS : 2/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRG010 - SRG020
STATE	: Rock Chip
DATE RECEIVED	: 05/05/2005
DATE COMPLETED	: 10/06/2005
DATE PRINTED	: 10/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
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SAMPLE STORAGE OF SOLUTIONS

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ANALYSIS

ELEMENTS	Au	Ag	As	Cr	Cu	Fe	Mg	Mo	Ni	Pb
UNITS	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION	1	1	5	2	1	0.01	20	2	1	5
DIGEST	FA25/	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	OES	OES	OES	OES	OES	OES	OES	OES	OES
SAMPLE NUMBERS										
0001 SRG010	X	X	23	6045	X	7.70	24.97%	4	2599	7
0002 SRG011	X	X	46	7524	5	46.51*	2881	2	1133	X
0003 SRG012	X	X	39	810	X	6.02	14.85%	9	754	X
0004 SRG013	X	X	50	896	6	5.51	23.45%	5	1705	18
0005 SRG014	X	X	18	1091	X	5.59	24.29%	3	2418	7
0006 SRG015	X	X	177*	1232	X	4.84	25.20%	3	2260	12
0007 SRG016	X	X	33	1419	X	5.30	26.25%*	3	2956*	13
0008 SRG017	X	1	38	444	X	2.39	11.09%	9	860	X
0009 SRG018	X	X	17	4460	X	7.74	23.47%	4	2334	10
0010 SRG019	X	X	36	21	X	0.54*	6854*	X	X	X
0011 SRG020	X	X	21	5617	X	4.95	24.15%	4	2499	13
CHECKS										
0001 SRG010	X	X	15	5499	X	7.70	24.44%	2	2506	10
STANDARDS										
0001 OREAS13P	50									
0002 TKCLOW-1		7	181	423	541	27.74	1.03%	102	612	216
BLANKS										
0001 Control Blank	X	X	X	X	X	X	35	X	X	X
0002 Control Blank	X	X	X	3	1	X	X	X	X	X

ANALYSIS

ELEMENTS	Pd	Pt	S	Sn	W	Zn
UNITS	ppb	ppb	ppm	ppm	ppm	ppm
DETECTION	1	1	10	10	10	1
DIGEST	FA25/	FA25/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS						
0001 SRG010	X	1	182	X	X	38
0002 SRG011	X	2	1551	X	X	201*
0003 SRG012	2	X	172	14	17	73
0004 SRG013	X	X	306	52	X	136
0005 SRG014	X	X	92	X	X	39
0006 SRG015	X	X	141	X	11	43
0007 SRG016	X	X	95	X	X	73
0008 SRG017	X	X	1836	X	12	41
0009 SRG018	X	X	423	X	X	37
0010 SRG019	X	X	727*	X	17	17
0011 SRG020	X	X	94	X	X	48
CHECKS						
0001 SRG010	X	X	161	X	X	34
STANDARDS						
0001 OREAS13P	70	48				
0002 TKCLOW-1			6158	49	16	328
BLANKS						
0001 Control Blank	X	X	X	X	X	X
0002 Control Blank	X	X	X	X	X	X

METHOD CODE DESCRIPTION

AT/OES

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0503484
No. of SAMPLES	: 32
No. of ELEMENTS	: 20
CLIENT O/N	: S. BROOKS : 1/7
SAMPLE SUBMISSION No.	:
PROJECT	: SRSS168 - SRSS239
STATE	: Stream Sediment
DATE RECEIVED	: 05/05/2005
DATE COMPLETED	: 08/06/2005
DATE PRINTED	: 08/06/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
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SAMPLE STORAGE OF SOLUTIONS

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ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Au-Rp3	Ag	As	Co	Cr	Cu	Mn
UNITS	ppb	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	1	0.01	0.01	1	0.1	1	0.1	50	20	1
DIGEST	FA25/	FA25/	FA25/	FA25/	AT/	AT/	AT/	D/	D/	AT/
ANALYTICAL FINISH	MS	AAS	AAS	MS	MS	MS	MS	OES	OES	AAS
SAMPLE NUMBERS										
0001 SRSS168	X				X	10	205.2	13.71%	X	1371
0002 SRSS169	20				X	17	72.6	5.35%	X	1297
0003 SRSS173	3				X	13	395.2	31.28%*	X	1870
0004 SRSS174	4				X	17	406.9	34.15%	X	1930
0005 SRSS175	4926	0.13	0.26		X	18	329.4	33.32%	X	1373
0006 SRSS176	118				X	19	401.6	31.64%	X	1930
0007 SRSS177	19				X	20	298.6	29.13%	X	1293
0008 SRSS180	9				X	19	410.1	26.72%	X	1866
0009 SRSS192	6				X	18	450.5	24.00%	X	1848
0010 SRSS197	5				X	18	391.8	29.14%	X	1922
0011 SRSS198	3				X	20	410.6	31.97%	X	2021
0012 SRSS200	83				0.2	22	224.9	17.27%	X	1665
0013 SRSS201	9				0.1	22	311.7	22.45%	X	1603
0014 SRSS209	10				X	20	127.3	9.42%	X	1246
0015 SRSS217	4				X	19	387.3	27.94%	X	1899
0016 SRSS222	2				X	23	416.7	35.29%	X	1774
0017 SRSS223	91				X	22	416.3	27.66%	X	1893
0018 SRSS224	10				X	24	353.3	29.71%	X	1565
0019 SRSS225	928				X	59	55.2	1.49%*	30	2351
0020 SRSS227	34				X	18	272.9	19.85%	X	1482
0021 SRSS228	9				X	22	168.4	5.92%	X	1070
0022 SRSS229	5				X	15	47.4	2.81%	28	1040
0023 SRSS230	216				0.2	19	271.1	25.53%	X	1222
0024 SRSS231	4759			1219	0.1	24	331.2	31.99%	X	1507
0025 SRSS232	1836				0.2	24	314.2	30.18%	X	1422
0026 SRSS233	613				X	28	377.1	35.63%*	X	1665
0027 SRSS234	1833	0.66	2.32		X	26	278.9	27.89%	X	1137
0028 SRSS235	106				X	37	439.5	26.26%	X	2538
0029 SRSS236	23				X	78*	446.6	21.62%*	X	2495
0030 SRSS237	13				X	16	196.7	5.41%	X	1955
0031 SRSS238	11				X	17	42.9	1709	66*	2717
0032 SRSS239	4353	0.50	0.22		X	12	26.6	8117	36	960
CHECKS										
0001 SRSS168	1				X	14	202.0	13.59%	X	1381
0002 SRSS234	2815				X	20	279.0	27.89%	X	1157

ANALYSIS

ELEMENTS	Mo	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1	S	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppb	ppb	%	ppm	ppm	ppm
DETECTION	0.1	20	1	1	1	1	0.01	0.1	0.1	1
DIGEST	AT/	D/	FA25/	FA25/	FA25/	FA25/	D/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	OES	MS	MS	MS	MS	OES	MS	MS	AAS
SAMPLE NUMBERS										
0001 SRSS168	0.6	435	3		5		0.01	1.4	0.4	456
0002 SRSS169	1.7	120	2		1		0.01	3.0	0.1	333
0003 SRSS173	0.2	1139	2		5		X	0.6	X	910
0004 SRSS174	0.5	859	3		23		X	0.9	X	915
0005 SRSS175	0.2	243	4		5		X	0.9	0.1	846
0006 SRSS176	0.5	979	3		5		0.02	0.7	X	934
0007 SRSS177	0.3	284	X		2		X	1.8	0.5	718
0008 SRSS180	0.4	1190	X		38		X	0.8	0.1	858
0009 SRSS192	0.3	1645	1		7		X	0.7	X	753
0010 SRSS197	0.2	754	1		2		X	0.5	X	836
0011 SRSS198	0.2	522	X		11		X	0.5	X	905
0012 SRSS200	1.2	276	1		4		X	3.3	2.5	615
0013 SRSS201	0.6	622	X		4		X	1.5	0.6	1057
0014 SRSS209	1.6	143	2		2		X	3.4	0.7	417
0015 SRSS217	0.2	880	1		4		X	0.7	X	859
0016 SRSS222	0.4	829	1		2		X	0.7	X	875
0017 SRSS223	0.3	782	1		7		X	0.7	X	1072
0018 SRSS224	0.3	386	X		3		X	1.5	0.5	834
0019 SRSS225	1.7	154	10		17		0.08*	1.8	0.3	3000
0020 SRSS227	0.7	382	3		12		X	1.3	0.3	615
0021 SRSS228	1.4	688	1		3		X	1.8	0.6	295
0022 SRSS229	1.5	61	X		12		0.04	2.9	0.7	252
0023 SRSS230	0.4	136	3		18		X	22.2	2.9	890
0024 SRSS231	0.4	218	1	1	167	61	X	42.6	2.7	1041
0025 SRSS232	0.5	222	1		19		X	51.2*	2.3	1014
0026 SRSS233	0.5	221	2		12		X	25.6	0.7	1138
0027 SRSS234	0.2	289	1		3		X	3.8	0.4	683
0028 SRSS235	0.7	814	2		24		X	13.6	16.5	1475
0029 SRSS236	0.6	2095*	1		14		X	10.4	92.9*	1176
0030 SRSS237	1.0	1547	X		13		X	4.2	4.2	447
0031 SRSS238	2.1	121	1		X		X	3.8	1.6	171
0032 SRSS239	1.4	45	1		X		X	2.7	0.7	172
CHECKS										
0001 SRSS168	0.6	423	2		4		X	1.4	0.5	437
0002 SRSS234	0.2	271	X		8		X	2.5	0.5	677

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Au-Rp3	Ag	As	Co	Cr	Cu	Mn
UNITS	ppb	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
DETECTION	1	0.01	0.01	1	0.1	1	0.1	50	20	1
DIGEST	FA25/	FA25/	FA25/	FA25/	AT/	AT/	AT/	D/	D/	AT/
ANALYTICAL FINISH	MS	AAS	AAS	MS	MS	MS	MS	OES	OES	AAS
STANDARDS										
0001 SARM7b	246									
0002 TKC4								1697	2089	
0003 WGB-1					X	10	26.5			1074
0004 OREAS 45P					0.2	16	111.2			1204
0005 SARM7b.5	145									
0006 TKCLOW-1								508	538	
BLANKS										
0001 Control Blank	X				X	X	X	X	X	1
0002 Control Blank					0.1	3	X	50	X	X
0003 Acid Blank					0.4	2	X	X	X	X

ANALYSIS

ELEMENTS	Mo	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1	S	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppb	ppb	%	ppm	ppm	ppm
DETECTION	0.1	20	1	1	1	1	0.01	0.1	0.1	1
DIGEST	AT/	D/	FA25/	FA25/	FA25/	FA25/	D/	AT/	AT/	AT/
ANALYTICAL FINISH	MS	OES	MS	MS	MS	MS	OES	MS	MS	AAS
STANDARDS										
0001 SARM7b			1563		3776					
0002 TKC4		2052					1.14			
0003 WGB-1	1.0							4.5	0.7	35
0004 OREAS 45P	1.7							2.7	0.5	133
0005 SARM7b.5			814		1878					
0006 TKCLOW-1		555					0.52			
BLANKS										
0001 Control Blank	X	23	1		X		X	X	X	X
0002 Control Blank	X	X					X	X	0.6	1
0003 Acid Blank	X	X					X	X	0.3	X

METHOD CODE DESCRIPTION

AT/MS

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

AT/AAS

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Flame Atomic Absorption Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

FA25/AAS

25g Lead collection fire assay. Analysed by Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

Sam BROOKS
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0502466
No. of SAMPLES	: 81
No. of ELEMENTS	: 11
CLIENT O/N	: S. BROOKS
SAMPLE SUBMISSION No.	:
PROJECT	:
STATE	: Stream Sediment
DATE RECEIVED	: 05/04/2005
DATE COMPLETED	: 29/04/2005
DATE PRINTED	: 29/04/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

DISCLAIMER

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SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

Genalysis Laboratory Services Pty Ltd accepts no responsibility whatsoever for any interpretation by any party of any data where more than two or three significant figures have been reported.

SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.95 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1
UNITS	ppb	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb
DETECTION	1	1	1	50	20	20	1	1	1	1
DIGEST	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	SAAS	OES	OES	OES	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 SRSS-126	30	45	51	17.93%	X	318	X	X	8	9
0002 SRSS-127	49			22.50%	X	196	X		8	
0003 SRSS-128	5			13.12%	X	413	1		3	
0004 SRSS-129	105	10	20	30.61%	X	220	X	X	8	11
0005 SRSS-130	6			14.18%	X	372	2		6	
0006 SRSS-131	2			3.44%	X	22	X		1	
0007 SRSS-132	1			854	X	X	X		X	
0008 SRSS-133	4			10.28%	X	263	1		101	
0009 SRSS-134	2			5.40%	29	93	X		2	
0010 SRSS-135	6			9.96%	X	77	X		2	
0011 SRSS-136	2			2.25%	45	158*	X		1	
0012 SRSS-137	2			6.81%	X	40	3		21	
0013 SRSS-138	3			7.72%	X	128	X		2	
0014 SRSS-139	1			28.28%	X	290	X		2	
0015 SRSS-140	1			4.65%	X	171	X		15	
0016 SRSS-141	X			2.52%	X	121	X		X	
0017 SRSS-142	X			18.33%	X	1087	X		6	
0018 SRSS-143	4			15.05%	X	548	X		2	
0019 SRSS-144	3			518	21	34	X		3	
0020 SRSS-145	2			6263	X	76	X		X	
0021 SRSS-146	1			6.12%	X	365	X		59	
0022 SRSS-147	1			8.58%	26	552	X		4	
0023 SRSS-148	3			4.77%	X	294	X		2	
0024 SRSS-149	2			21.17%	X	1156	X		12	
0025 SRSS-150	1			7.79%	X	598	X		11	
0026 SRSS-151	X			2.21%	X	241	X		4	
0027 SRSS-152	3			5.79%	X	1036	X		67	
0028 SRSS-153	1			9.78%	X	471	X		6	
0029 SRSS-154	1			8.11%	X	1948	X		1	
0030 SRSS-155	2			584	50	114	X		2	
0031 SRSS-156	1			15.10%	X	4639*	X		6	
0032 SRSS-157	4			8.81%	X	663	X		20	
0033 SRSS-158	3			2.85%	X	46	X		5	
0034 SRSS-159	X			3606	X	X	X		X	
0035 SRSS-160	1			5.47%	23	460	X		13	
0036 SRSS-161	X			1.22%	X	31	X		1	
0037 SRSS-162	1			2.75%	X	50	X		3	
0038 SRSS-163	86			14.91%	X	592	X		18	
0039 SRSS-164	4			10.20%	X	502	X		6	
0040 SRSS-165	2			27.69%	X	431	X		5	

ANALYSIS

ELEMENTS	S
UNITS	%
DETECTION	0.01
DIGEST	D/
ANALYTICAL FINISH	OES
SAMPLE NUMBERS	
0001 SRSS-126	X
0002 SRSS-127	X
0003 SRSS-128	X
0004 SRSS-129	X
0005 SRSS-130	0.01
0006 SRSS-131	X
0007 SRSS-132	X
0008 SRSS-133	X
0009 SRSS-134	X
0010 SRSS-135	X
0011 SRSS-136	X
0012 SRSS-137	X
0013 SRSS-138	X
0014 SRSS-139	0.01
0015 SRSS-140	X
0016 SRSS-141	X
0017 SRSS-142	X
0018 SRSS-143	0.02
0019 SRSS-144	X
0020 SRSS-145	X
0021 SRSS-146	0.02
0022 SRSS-147	0.03
0023 SRSS-148	0.04
0024 SRSS-149	0.02
0025 SRSS-150	0.03
0026 SRSS-151	0.02
0027 SRSS-152	0.05
0028 SRSS-153	0.03
0029 SRSS-154	0.02
0030 SRSS-155	0.03
0031 SRSS-156	0.04
0032 SRSS-157	0.02
0033 SRSS-158	X
0034 SRSS-159	0.02
0035 SRSS-160	0.01
0036 SRSS-161	0.02
0037 SRSS-162	0.02
0038 SRSS-163	X
0039 SRSS-164	X
0040 SRSS-165	X

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1
UNITS	ppb	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb
DETECTION	1	1	1	50	20	20	1	1	1	1
DIGEST	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	SAAS	OES	OES	OES	MS	MS	MS	MS
SAMPLE NUMBERS										
0041 SRSS-166	2			17.44%	X	703	X		11	
0042 SRSS-167	1176	177	500	19.60%	X	523	X	1	26	32
0043 SRSS-170	95			15.78%	X	598	1		15	
0044 SRSS-171	8			7.64%	X	315	X		8	
0045 SRSS-172	5			15.57%	X	784	X		14	
0046 SRSS-178	3			27.35%	X	2715	X		19	
0047 SRSS-179	3			29.66%	X	2260	X		10	
0048 SRSS-181	7			21.52%	X	176	2		7	
0049 SRSS-182	3			29.18%	X	194	X		7	
0050 SRSS-183	3			6.62%	32	299	X		2	
0051 SRSS-184	2			6.00%	X	546	X		1	
0052 SRSS-185	6			20.35%	27	650	2		5	
0053 SRSS-186	4			11.24%	X	1479	1		28	
0054 SRSS-187	2	4		25.31%	22	222	X	1	127	146
0055 SRSS-188	2			27.91%	X	215	X		6	
0056 SRSS-189	1			25.11%	20	280	X		5	
0057 SRSS-190	4			29.24%	X	3457	X		4	
0058 SRSS-192	5			21.21%	X	3165	X		5	
0059 SRSS-193	2			23.50%	X	151	X		3	
0060 SRSS-194	2			16.50%	X	892	X		13	
0061 SRSS-195	4			28.35%	X	137	X		31	
0062 SRSS-196	4			21.34%	21	124	1		4	
0063 SRSS-199	4			22.44%	X	2948	2		18	
0064 SRSS-202	473	2239	1430	3.50%	21	128	1	2	5	14
0065 SRSS-203	7			39.85%*	35	376	3		7	
0066 SRSS-204	6			10.86%	X	312	X		2	
0067 SRSS-205	3			29.63%	X	2416	X		5	
0068 SRSS-206	2			31.56%	X	2132	X		11	
0069 SRSS-207	2			37.80%	X	1278	X		12	
0070 SRSS-208	2			27.44%	X	478	X		4	
0071 SRSS-210	4			19.27%	X	532	1		20	
0072 SRSS-211	2			12.29%	X	333	X		3	
0073 SRSS-212	4			17.25%	X	428	X		6	
0074 SRSS-213	1			16.06%	23	483	X		4	
0075 SRSS-214	2			2.92%	36	200	X		3	
0076 SRSS-215	3			18.26%	X	502	X		4	
0077 SRSS-216	1			22.09%	X	2367	X		42	
0078 SRSS-218	1			17.81%	22	575	X		52	
0079 SRSS-219	2			4.76%	X	112	X		4	
0080 SRSS-220	1			12.41%	X	471	X		3	

ANALYSIS

ELEMENTS	S
UNITS	%
DETECTION	0.01
DIGEST	D/
ANALYTICAL FINISH	OES
SAMPLE NUMBERS	
0041 SRSS-166	X
0042 SRSS-167	X
0043 SRSS-170	X
0044 SRSS-171	X
0045 SRSS-172	0.03
0046 SRSS-178	0.05
0047 SRSS-179	X
0048 SRSS-181	0.03
0049 SRSS-182	0.04
0050 SRSS-183	0.04
0051 SRSS-184	0.04
0052 SRSS-185	0.04
0053 SRSS-186	0.06
0054 SRSS-187	0.01
0055 SRSS-188	X
0056 SRSS-189	X
0057 SRSS-190	X
0058 SRSS-192	0.02
0059 SRSS-193	0.02
0060 SRSS-194	X
0061 SRSS-195	0.01
0062 SRSS-196	0.02
0063 SRSS-199	0.01
0064 SRSS-202	X
0065 SRSS-203	0.03
0066 SRSS-204	X
0067 SRSS-205	0.01
0068 SRSS-206	0.01
0069 SRSS-207	0.02
0070 SRSS-208	0.02
0071 SRSS-210	0.01
0072 SRSS-211	0.01
0073 SRSS-212	X
0074 SRSS-213	0.03
0075 SRSS-214	X
0076 SRSS-215	X
0077 SRSS-216	0.03
0078 SRSS-218	0.02
0079 SRSS-219	0.02
0080 SRSS-220	0.02

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1
UNITS	ppb	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb
DETECTION	1	1	1	50	20	20	1	1	1	1
DIGEST	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	SAAS	OES	OES	OES	MS	MS	MS	MS
SAMPLE NUMBERS										
0081 SRSS-221	5			25.21%	X	881	2		35	
CHECKS										
0001 SRSS-126	142			18.45%	X	344	X		7	
0002 SRSS-152	8			5.74%	X	1088	2		74	
0003 SRSS-186	2			11.25%	X	1466	X		35	
0004 SRSS-219	2			5.08%	27	141	X		9	
ANDARDS										
0001 OREAS13P	47						63		49	
0002 SY-4				X	X	X				
0003 SARM7b	291						1564		3996	
0004 TKC4				1805	2106	2099				
0005 SARM7b.5	148						791		1769	
0006 TKCLOW-1				497	529	634				
0007 OREAS13P	44						64		51	
0008 WGB-1				295	108	87				
BLANKS										
0001 Control Blank	X			X	X	X	X		X	

ANALYSIS

ELEMENTS	S
UNITS	%
DETECTION	0.01
DIGEST	D/
ANALYTICAL FINISH	OES
SAMPLE NUMBERS	
0081 SRSS-221	0.02
CHECKS	
0001 SRSS-126	0.01
0002 SRSS-152	0.02
0003 SRSS-186	0.05
0004 SRSS-219	X
ANDARDS	
0001 OREAS13P	
0002 SY-4	0.03
0003 SARM7b	
0004 TKC4	1.15
0005 SARM7b.5	
0006 TKCLOW-1	0.61
0007 OREAS13P	
0008 WGB-1	0.01
BLANKS	
0001 Control Blank	X

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

FA25/SAAS

25g Lead collection fire assay in new pots. Solvent Extraction, then Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0500727
No. of SAMPLES	: 10
No. of ELEMENTS	: 12
CLIENT O/N	: S OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: BR & WR SAMPLES
STATE	: Rock
DATE RECEIVED	: 01/02/2005
DATE COMPLETED	: 25/02/2005
DATE PRINTED	: 25/02/2005

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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JOHANNESBURG SAMPLE PREPARATION DIVISION
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SAMPLE DETAILS

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.50 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Ag	As	Cr	Cu	Fe	Mg	Ni	Pb	S
UNITS	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
DETECTION	0.01	1	5	2	1	0.01	20	1	5	10
DIGEST	FA50/	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/	AT/
ANALYTICAL FINISH	AAS	OES	OES	OES	OES	OES	OES	OES	OES	OES
SAMPLE NUMBERS										
0001 BR012	40.96	16	27	37	278	17.12	233	4	344	138
0002 BR016	0.15	12	58	143	46	3.87	134	5	41	8281*
0003 BR018	0.09	X	X	138	32	8.41	350	3	7	129
0004 BR021	0.04	X	78	166	28	39.51	342	12	41	X
0005 WR003	0.01	X	17	2.30%	5	56.99*	834	623	X	605
0006 WR006	0.02	X	16	2.88%	7	48.54	2094	344	X	1241
0007 WR012	0.01	X	X	12.06%	8	7.81	1.68%	132	X	115
0008 WR018	0.05	X	X	1476	X	4.34	21.89%*	2873*	X	64
0009 WR034	X	X	X	339	14	2.97	7622	58	32	82
0010 WR041	X	X	X	5.45%	30	6.53	2.67%	530	24	1316
CHECKS										
0001 BR012	40.34	15	28	31	279	16.98	189	5	346	134
STANDARDS										
0001 OxL25	5.84									
0002 WGB-1		X	5	138	112	4.76	5.67%	82	10	204
BLANKS										
0001 Control Blank	X	X	X	X	X	X	X	X	X	X

ANALYSIS

ELEMENTS	Sn	Zn
UNITS	ppm	ppm
DETECTION	10	1
DIGEST	AT/	AT/
ANALYTICAL FINISH	OES	OES
SAMPLE NUMBERS		
0001 BR012	62	429
0002 BR016	X	4
0003 BR018	X	19
0004 BR021	X	224
0005 WR003	X	157
0006 WR006	X	174
0007 WR012	X	405
0008 WR018	X	16
0009 WR034	X	57
0010 WR041	X	555*
CHECKS		
0001 BR012	63	430
STANDARDS		
0001 OxL25		
0002 WGB-1	X	32
BLANKS		
0001 Control Blank	X	X

METHOD CODE DESCRIPTION

AT/OES

Multi-acid digest including Hydrofluoric, Nitric, Perchloric and Hydrochloric acids in Teflon Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA50/AAS

50g Lead collection fire assay. Analysed by Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

18 AUG 2004

JOB INFORMATION

JOB CODE	: 815.0/0404484
No. of SAMPLES	: 24
No. of ELEMENTS	: 13
CLIENT O/N	: S OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: SRSS017 --- SRSS102
STATE	: Various
DATE RECEIVED	: 08/07/2004
DATE COMPLETED	: 17/08/2004
DATE PRINTED	: 17/08/2004

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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COMPANY.....
PROJECT.....
A/C No.....
PAY APP.....
DATE.....

SAMPLE DETAILS

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

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SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	TOTWT	Au	Pd	Pt	Au	Ir	Os	Pd	Pt	Rh
UNITS	g	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
DETECTION	0.01	1	1	1	5	2	2	2	2	1
DIGEST		FA25/	FA25/	FA25/	NIS/	NIS/	NIS/	NIS/	NIS/	NIS/
ANALYTICAL FINISH	/GRAV	MS	MS	MS	MS	MS	MS	MS	MS	MS
SAMPLE NUMBERS										
0001 SRSS017	444.57									
0002 SRSS017+100um	19.34				11	47041	44490	6	1654	248
0003 SRSS017-100umDupA					X	2150	3958	6	155	24
0004 SRSS017-100umDupB					X	2018	3701	6	103	21
0005 SRSS054	373.65									
0006 SRSS054+100um	2.67				429661	123534	133113	38	7111	1422
0007 SRSS054-100umDupA					708	2228	2211	8	132	27
0008 SRSS054-100umDupB					801	1625	1721	8	80	17
0009 SRSS056	845.97									
0010 SRSS056+100um	11.82				1260	66661	80502	8	5857	1541
0011 SRSS056-100umDupA					23	1558	3019	6	171	25
0012 SRSS056-100umDupB					19	1346	2656	6	123	18
0013 SRSS097	641.07									
0014 SRSS097+100um	8.94				35	29421	30888	12	1255	288
0015 SRSS097-100umDupA					16	146	117	7	40	5
0016 SRSS097-100umDupB					X	138	108	6	44	6
0017 SRSS101	407.71									
0018 SRSS101+100um	1.76	38	14	8						
0019 SRSS101-100umDupA		X	1	2						
0020 SRSS101-100umDupB		X	2	2						
0021 SRSS102	402.79									
0022 SRSS102+100um	6.97	8	3	454						
0023 SRSS102-100umDupA		X	1	11						
0024 SRSS102-100umDupB		X	1	13						
CHECKS										
0001 SRSS017										
STANDARDS										
0001 HGMN.1					153	90	158	803	280	91
0002 SARM7b		218	1562	3829						
BLANKS										
0001 Control Blank		X	X	X	X	X	X	X	X	X
0002 Control Blank		X	X	X	X	X	X	X	X	X

ANALYSIS

ELEMENTS	Ru	p100um	p150um
UNITS	ppb	%	%
DETECTION	2	0.01	0.01
DIGEST	NIS/		
ANALYTICAL FINISH	MS	/MSizer	/MSizer
SAMPLE NUMBERS			
0001 SRSS017		97.98	99.03
0002 SRSS017+100um	7017		
0003 SRSS017-100umDupA	510		
0004 SRSS017-100umDupB	497		
0005 SRSS054		98.31	99.87
0006 SRSS054+100um	29822		
0007 SRSS054-100umDupA	558		
0008 SRSS054-100umDupB	377		
0009 SRSS056		97.44	99.79
0010 SRSS056+100um	34903		
0011 SRSS056-100umDupA	343		
0012 SRSS056-100umDupB	329		
0013 SRSS097		98.42	99.90
0014 SRSS097+100um	8326		
0015 SRSS097-100umDupA	58		
0016 SRSS097-100umDupB	61		
0017 SRSS101		99.46	100.00
0018 SRSS101+100um			
0019 SRSS101-100umDupA			
0020 SRSS101-100umDupB			
0021 SRSS102		99.74	100.00
0022 SRSS102+100um			
0023 SRSS102-100umDupA			
0024 SRSS102-100umDupB			
CHECKS			
0001 SRSS017		96.64	97.84
STANDARDS			
0001 HGMN.1	260		
0002 SARM7b			
BLANKS			
0001 Control Blank	X		
0002 Control Blank	X		

METHOD CODE DESCRIPTION

/GRAV

No digestion or other pre-treatment undertaken. Analysed by Gravimetric Technique

NIS/MS

Fire Assay Nickel Sulphide Collection. Analysed by Inductively Coupled Plasma Mass Spectrometry.

/MSizer

No digestion or other pre-treatment undertaken. Analysed by Infra-Red Laser particle size analyser.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

23 JUN 2004

JOB INFORMATION

JOB CODE	: 815.0/0403342
No. of SAMPLES	: 24
No. of ELEMENTS	: 10
CLIENT O/N	: S. OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: Tasmania
STATE	: Various
DATE RECEIVED	: 01/06/2004
DATE COMPLETED	: 21/06/2004
DATE PRINTED	: 21/06/2004

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

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SAMPLE STORAGE OF SOLUTIONS

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ANALYSIS

ELEMENTS	Au	Au-Rp1	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1	S
UNITS	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb	%
DETECTION	1	1	50	20	20	1	1	1	1	0.01
DIGEST	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/	D/
ANALYTICAL FINISH	MS	MS	OES	OES	OES	MS	MS	MS	MS	OES
SAMPLE NUMBERS										
0001 SRG001	1		3009	X	3128	X		2		X
0002 SRG002	X		2604	X	2474	X		5		X
0003 SRG003	X		4234	X	751	X		1		X
0004 SRG004	X		11.91%*	X	408	2		8		0.11*
0005 SRG005	X		426	X	42	X		1		X
0006 SRG006	X		3259	X	2641	1		6		0.02
0007 SRG007	X		3224	X	3295	X		4		0.01
0008 SRG008	1		4.34%	X	2713	X		4		0.02
0009 SRG009	X		2326	X	3349	X		1		0.02
0010 SRSB049	X		10.00%	X	3993	X		10		0.03
0011 SRSB052	X	X	8.35%	X	1444	X	1	136	114	0.06
0012 SRSB067	X		7.77%*	X	5320*	X		3		0.02
0013 SRSB071	X		4.16%	41	2289	2		4		X
0014 SRSB084	X		1.20%	49	2740	2		3		X
0015 SRSB087	X		4.96%	30	2942	X		2		0.01
0016 SRSB090	X		4.12%	45	2659	3		6		0.03
0017 SRSB096	X		4.15%	49	3918	X		2		0.02
0018 SRSB097	X		2.65%	58	1483	1		3		0.01
0019 SRSB101	X		3.74%	49	3605	2		3		0.04
0020 SRSB105	X		4.36%	24	3879	3		6		0.01
0021 SRSB109	X		20.81%*	25*	1912	2		8		0.04
0022 SRSB122	X		15.22%	X	1466	X		3		0.17
0023 SRSB124	X		12.64%	X	4177	X		3		0.02
0024 SRSB125	X		13.69%	X	2773	X		3		X
CHECKS										
0001 SRG001	X		3014	X	3060	X		2		0.02
STANDARDS										
0001 SARM7b.5	138					770		1871		
0002 TKCLOW-1			459	490	539					0.56
BLANKS										
0001 Control Blank	1		X	X	X	X		1		0.01

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

JOB INFORMATION

JOB CODE	: 815.0/0403341
No. of SAMPLES	: 85
No. of ELEMENTS	: 15
CLIENT O/N	: S. OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: Tasmania
STATE	: Stream Sediment
DATE RECEIVED	: 01/06/2004
DATE COMPLETED	: 23/06/2004
DATE PRINTED	: 23/06/2004

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE STORAGE OF SOLUTIONS

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ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Au-Rp3	Cr	Cu	Ni	Pd	Pd-Rp1	Pd-Rp2
UNITS	ppb	ppb	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
DETECTION	1	1	0.01	1	50	20	20	1	1	1
DIGEST	FA25/	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	AAS	MS	OES	OES	OES	MS	MS	MS
SAMPLE NUMBERS										
0001 SRSS028	25	30			13.10%	32	816	4	5	
0002 SRSS042	5				15.10%	X	1807	4		
0003 SRSS043	4				19.35%	X	1664	3		
0004 SRSS044	554	41		33	13.18%*	X	1.06%*	5	4	5
0005 SRSS045	22				24.56%	X	3469	3		
0006 SRSS046	7				12.53%	X	4043	4		
0007 SRSS047	6				21.34%	22	1212	4		
0008 SRSS048	51				22.83%	X	522	3		
0009 SRSS049	7				17.44%	20	3516	4		
0010 SRSS050	17				20.71%	X	3343	3		
0011 SRSS051	7				17.58%	X	1590	3		
0012 SRSS052	7				18.37%	X	1396	4		
0013 SRSS053	4				23.14%	X	1541	3		
0014 SRSS054	899	1678		3629	18.87%	25	207	3	3	3
0015 SRSS055	57	65			17.17%	21	472	3	3	
0016 SRSS056	10	13		12	26.54%	X	2445	2	2	1
0017 SRSS057	30				26.05%	X	1928	3		
0018 SRSS058	7				24.16%	X	1854	3		
0019 SRSS059	199				17.16%	X	1915	3		
0020 SRSS060	17				16.64%	31	1392	4		
0021 SRSS061	39				24.84%	X	265	4		
0022 SRSS062	1386	10290	0.24		27.34%	X	214	3	3	
0023 SRSS063	869	38			20.66%	X	224	3	3	
0024 SRSS064	26				32.08%	X	274	3		
0025 SRSS065	45				35.76%	X	298	3		
0026 SRSS066	8				23.93%	X	4185	3		
0027 SRSS067	6				34.89%	X	1424	3		
0028 SRSS068	5				40.66%*	X	1013	3		
0029 SRSS069	2				24.63%	X	2585	1		
0030 SRSS070	3				17.81%	38	212	2		
0031 SRSS071	2				19.66%	23	1332	2		
0032 SRSS072	34				3.00%	X	82	1		
0033 SRSS073	5670	133	0.20		22.79%	X	326	1	3	
0034 SRSS074	446				15.10%	26	1063	1		
0035 SRSS075	314				12.48%	25	408	X		
0036 SRSS076	16				9.97%	X	169	X		
0037 SRSS077	11				6.61%	21	191	X		
0038 SRSS078	5				7.38%	26	1069	5		
0039 SRSS079	4				1.61%	32	117	1		
0040 SRSS080	54				6.07%	X	3148	4		

ANALYSIS

ELEMENTS	Pt	Pt-Rp1	Pt-Rp2	S	p75um
UNITS	ppb	ppb	ppb	%	%
DETECTION	1	1	1	0.01	0.01
DIGEST	FA25/	FA25/	FA25/	D/	
ANALYTICAL FINISH	MS	MS	MS	OES	/QAgrind
SAMPLE NUMBERS					
0001 SRSS028	6	23		0.05	
0002 SRSS042	34			0.03	
0003 SRSS043	6			0.01	
0004 SRSS044	72	201	24	0.02	
0005 SRSS045	5			X	
0006 SRSS046	15			0.03	
0007 SRSS047	35			0.03	
0008 SRSS048	5			X	
0009 SRSS049	5			X	
0010 SRSS050	5			0.02	
0011 SRSS051	5			0.03	
0012 SRSS052	5			0.02	
0013 SRSS053	5			X	
0014 SRSS054	23	177	73	0.02	
0015 SRSS055	6	4		0.08	
0016 SRSS056	945	233	606	X	
0017 SRSS057	6			0.01	
0018 SRSS058	9			X	
0019 SRSS059	5			0.01	
0020 SRSS060	8			0.02	
0021 SRSS061	9			0.01	
0022 SRSS062	6	9		X	
0023 SRSS063	5	8		X	
0024 SRSS064	4			X	
0025 SRSS065	6			X	96.80
0026 SRSS066	33			0.02	
0027 SRSS067	11			X	
0028 SRSS068	39			X	
0029 SRSS069	4			X	
0030 SRSS070	4			0.02	
0031 SRSS071	6			X	
0032 SRSS072	5			X	
0033 SRSS073	10	18		X	
0034 SRSS074	7			X	
0035 SRSS075	3			0.01	
0036 SRSS076	3			X	
0037 SRSS077	5			X	
0038 SRSS078	8			0.01	
0039 SRSS079	1			X	
0040 SRSS080	8			X	

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Au-Rp3	Cr	Cu	Ni	Pd	Pd-Rp1	Pd-Rp2
UNITS	ppb	ppb	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
DETECTION	1	1	0.01	1	50	20	20	1	1	1
DIGEST	FA25/	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	AAS	MS	OES	OES	OES	MS	MS	MS
SAMPLE NUMBERS										
0041 SRSS081	18				2.51%	22	76	2		
0042 SRSS082	7				1875	23	61	2		
0043 SRSS083	4				6.65%	X	356	1		
0044 SRSS084	3				11.05%	31	1896	2		
0045 SRSS085	3				19.98%	30	590	2		
0046 SRSS086	4				13.56%	32	1325	2		
0047 SRSS087	3				21.29%	X	1968	1		
0048 SRSS088	3				22.62%	X	1794	2		
9 SRSS089	2				19.45%	22	1854	2		
0050 SRSS090	2				20.71%	X	1530	2		
0051 SRSS091	3				14.32%	40	396	2		
0052 SRSS092	3				17.82%	21	1809	1		
0053 SRSS093	2				9.58%	30	1680	3		
0054 SRSS094	5				1.25%	65	106	2		
0055 SRSS095	3				1227	86*	113	2		
0056 SRSS096	2				18.81%	27	2093	2		
0057 SRSS097	2	12		4	24.93%	27	1054	1	3	1
0058 SRSS098	2				24.32%	22	1398	X		
0059 SRSS099	2				9.23%	44	1207	1		
0060 SRSS100	2				18.34%	21	1095	1		
0061 SRSS101	3				10.23%	36	3258	2		
0062 SRSS102	14				18.01%	23	2711	2		
0063 SRSS103	2				13.40%	32	1773	X		
4 SRSS104	3				13.98%	27	1704	1		
0065 SRSS105	2				15.60%	25	2258	3		
0066 SRSS106	1				16.61%	X	4790	1		
0067 SRSS107	31				1.15%	68	168	1		
0068 SRSS108	4823	1972	0.78		6.11%	33	114	X	1	
0069 SRSS109	13				34.42%	50	1950	X		
0070 SRSS110	740				21.24%	36	182	1		
0071 SRSS111	7				23.03%	29	1183	1		
0072 SRSS112	561				19.77%	38	228	X		
0073 SRSS113	6				25.76%	X	2466	X		
0074 SRSS114	4				8.03%	X	1887	X		
0075 SRSS115	4				8463	44	139	X		
0076 SRSS116	754				2.15%	30	102	X		
0077 SRSS117	1038	918			2.21%	35	204	X	2	
0078 SRSS118	6				8028	30	59	2		
0079 SRSS119	37	89	0.10		21.44%	X	976	1	1	
0080 SRSS120	6				2.55%*	75*	1311	2		

ANALYSIS

ELEMENTS	Pt	Pt-Rp1	Pt-Rp2	S	p75um
UNITS	ppb	ppb	ppb	%	%
DETECTION	1	1	1	0.01	0.01
DIGEST	FA25/	FA25/	FA25/	D/	
ANALYTICAL FINISH	MS	MS	MS	OES	/QAgrind
SAMPLE NUMBERS					
0041 SRSS081	9			X	
0042 SRSS082	4			0.01	
0043 SRSS083	5			X	
0044 SRSS084	4			0.03	
0045 SRSS085	4			0.01	
0046 SRSS086	4			X	
0047 SRSS087	3			X	
0048 SRSS088	3			0.02	
0049 SRSS089	3			0.02	
0050 SRSS090	185			X	89.95
0051 SRSS091	196			0.02	
0052 SRSS092	4			X	
0053 SRSS093	5			0.02	
0054 SRSS094	2			0.02	
0055 SRSS095	2			X	
0056 SRSS096	3			X	
0057 SRSS097	1290	181	65	X	
0058 SRSS098	5			X	
0059 SRSS099	3			X	
0060 SRSS100	3			X	
0061 SRSS101	4			0.01	
0062 SRSS102	27			X	
0063 SRSS103	9			X	
0064 SRSS104	9			X	
0065 SRSS105	12			X	
0066 SRSS106	5			X	
0067 SRSS107	1			X	
0068 SRSS108	11	20		X	
0069 SRSS109	7			0.03	
0070 SRSS110	67			X	
0071 SRSS111	3			0.01	
0072 SRSS112	101			X	
0073 SRSS113	6			0.01	
0074 SRSS114	4			0.02	
0075 SRSS115	2			0.01	94.32
0076 SRSS116	8			X	
0077 SRSS117	1	1		0.01	
0078 SRSS118	15			0.02	
0079 SRSS119	18	9		0.01	
0080 SRSS120	4			X	

ANALYSIS

ELEMENTS	Au	Au-Rp1	Au-Rp2	Au-Rp3	Cr	Cu	Ni	Pd	Pd-Rp1	Pd-Rp2
UNITS	ppb	ppb	ppm	ppb	ppm	ppm	ppm	ppb	ppb	ppb
DETECTION	1	1	0.01	1	50	20	20	1	1	1
DIGEST	FA25/	FA25/	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/
ANALYTICAL FINISH	MS	MS	AAS	MS	OES	OES	OES	MS	MS	MS
SAMPLE NUMBERS										
0081 SRSS121	4				34.60%	X	1035	1		
0082 SRSS122	4				28.88%	X	1006	X		
0083 SRSS123	2				16.25%*	X	7925*	X		
0084 SRSS124	3				34.03%	X	1452	1		
0085 SRSS125	2				30.47%	X	1780	X		
CHECKS										
0001 SRSS028	292				12.82%	20	786	1		
)2 SRSS067	11				34.60%	X	1391	1		
0003 SRSS093	4				9.57%	41	1676	3		
0004 SRSS119	1848				22.08%	X	1057	X		
STANDARDS										
0001 SARM7b.2	57							296		
0002 SY-4					X	X	X			
0003 SARM7b.5	113							725		
0004 TKC3					2023	2502	2168			
0005 SARM7b	268							1492		
0006 TKCLOW-1					461	515	622			
0007 SARM7b.2	52							302		
0008 WGB-1					296	100	86			
BLANKS										
)1 Control Blank	X				X	X	X	X		

ANALYSIS

ELEMENTS	Pt	Pt-Rp1	Pt-Rp2	S	p75um
UNITS	ppb	ppb	ppb	%	%
DETECTION	1	1	1	0.01	0.01
DIGEST	FA25/	FA25/	FA25/	D/	
ANALYTICAL FINISH	MS	MS	MS	OES	/QAgrind
SAMPLE NUMBERS					
0081 SRSS121	9			0.03	
0082 SRSS122	7			0.11	
0083 SRSS123	2			0.02	
0084 SRSS124	64			0.01	
0085 SRSS125	43			0.03	
CHECKS					
0001 SRSS028	4			0.04	
)2 SRSS067	4			0.01	
0003 SRSS093	9			0.04	
0004 SRSS119	8			X	
STANDARDS					
0001 SARM7b.2	765				
0002 SY-4				0.01	
0003 SARM7b.5	1980				
0004 TKC3				1.22	
0005 SARM7b	3670				
0006 TKCLOW-1				0.64	
0007 SARM7b.2	743				
0008 WGB-1				0.02	
BLANKS					
)1 Control Blank	2			X	

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

/QAgrind

No digestion or other pre-treatment undertaken. Analysed by Infra-Red Laser particle size analyser to monitor quality of grinding.

FA25/AAS

25g Lead collection fire assay. Analysed by Flame Atomic Absorption Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

RECEIVED
18 MAY 2004

JOB INFORMATION

JOB CODE	: 815.0/0402441
No. of SAMPLES	: 40
No. of ELEMENTS	: 10
CLIENT O/N	: S. OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: Tasmania
STATE	: Stream Sediment
DATE RECEIVED	: 28/04/2004
DATE COMPLETED	: 17/05/2004
DATE PRINTED	: 17/05/2004

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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SAMPLE DETAILS

DISCLAIMER

Genalysis Laboratory Services Pty Ltd wishes to make the following disclaimer pertaining to the accompanying analytical results.

Genalysis Laboratory Services Pty Ltd disclaims any liability, legal or otherwise, for any inferences implied from this report relating to either the origin of, or the sampling technique employed in the collection of, the submitted samples.

SIGNIFICANT FIGURES

It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

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SAMPLE STORAGE DETAILS

GENERAL CONDITIONS

SAMPLE STORAGE OF SOLIDS

Bulk Residues and Pulps will be stored for 60 DAYS without charge. After this time all Bulk Residues and Pulps will be stored at a rate of $1.50 per cubic metre per day until your written advice regarding collection or disposal is received. Expenses related to the return or disposal of samples will be charged to you at cost. Current disposal cost is charged at $50.00 per cubic metre.

SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Au-Rp1	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1	S
UNITS	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb	%
DETECTION	1	1	50	20	20	1	1	1	1	0.01
DIGEST	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/	D/
ANALYTICAL FINISH	MS	MS	OES	OES	OES	MS	MS	MS	MS	OES
SAMPLE NUMBERS										
0001 SRSS001	2		29.86%	X	3978	1		7		X
0002 SRSS002	2		22.14%*	X	5538*	2		4		0.02
0003 SRSS003	2		30.35%	X	2042	2		3		0.02
0004 SRSS004	3		28.16%	X	2794	2		4		0.03
0005 SRSS005	2	3	31.40%	X	3059	6	8	45	61	0.03
0006 SRSS006	2		25.64%	X	586	1		31		0.02
0007 SRSS007	1		35.71%	X	2007	2		5		0.01
0008 SRSS008	3		30.50%	X	3743	3		6		0.02
0009 SRSS009	3		30.43%	X	2812	2		13		0.02
0010 SRSS010	1		34.15%	X	803	2		4		X
0011 SRSS011	1		36.24%	X	2769	2		3		0.02
0012 SRSS012	1		41.46%	X	698	2		2		0.02
0013 SRSS013	5		40.19%	X	1323	3		7		0.02
0014 SRSS014	3		41.03%	X	1230	2		5		0.02
0015 SRSS015	4		30.67%*	55*	905	3		19		1.14*
0016 SRSS016	2		29.34%	X	790	2		6		0.01
0017 SRSS017	17	6	37.23%	X	1357	2	2	126	127	0.06
0018 SRSS018	2		35.88%	X	3318	2		7		0.03
0019 SRSS019	2		34.14%	X	2034	2		14		0.02
0020 SRSS020	2		34.58%	X	3022	2		10		0.02
0021 SRSS021	1		35.05%	X	2794	2		9		0.03
0022 SRSS022	4		26.80%	X	1600	2		6		X
0023 SRSS023	3		23.92%	X	1221	2		8		X
0024 SRSS024	2		21.08%	X	457	2		12		X
0025 SRSS025	2		30.89%	X	1744	2		7		0.02
0026 SRSS026	5		21.21%	X	4129	2		45		0.01
0027 SRSS027	2		22.58%	X	2324	2		5		X
0028 SRSS029	36	42	21.67%	X	4338	3	2	19	20	0.01
0029 SRSS030	4		29.08%	X	478	3		9		0.02
0030 SRSS031	5		32.02%	X	647	2		16		0.02
0031 SRSS032	3		30.28%	X	404	2		11		0.03
0032 SRSS033	1		44.45%	X	1375	1		6		X
0033 SRSS034	3		45.81%*	X	710	2		9		X
0034 SRSS035	1		37.85%	X	1655	2		4		0.02
0035 SRSS036	1		44.64%	X	1290	1		8		0.02
0036 SRSS037	1		39.30%	X	3401	1		4		0.02
0037 SRSS038	1		41.75%	X	1606	2		31		0.01
0038 SRSS039	4		32.53%	X	3517	2		22		0.01
0039 SRSS040	3		27.16%	X	2155	2		19		0.01
0040 SRSS041	2		34.90%	X	1983	2		6		0.02

ANALYSIS

ELEMENTS	Au	Au-Rp1	Cr	Cu	Ni	Pd	Pd-Rp1	Pt	Pt-Rp1	S
UNITS	ppb	ppb	ppm	ppm	ppm	ppb	ppb	ppb	ppb	%
DETECTION	1	1	50	20	20	1	1	1	1	0.01
DIGEST	FA25/	FA25/	D/	D/	D/	FA25/	FA25/	FA25/	FA25/	D/
ANALYTICAL FINISH	MS	MS	OES	OES	OES	MS	MS	MS	MS	OES
CHECKS										
0001 SRSS001	2		33.50%	X	4440	2		4		0.02
0002 SRSS027	5		24.73%	X	2603	3		5		0.02
STANDARDS										
0001 SARM7b	283					1510		3772		
0002 SY-4			X	X	38					X
0003 SARM7b.2	62					299		735		
0004 TKC3			2033	2597	2114					1.33
0005 SARM7b.5	136					769		1860		
0006 TKCLOW-1			465	580	648					0.64
BLANKS										
0001 Control Blank	X		X	X	X	X		1		X

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

ANALYTICAL REPORT

S OWEN
ADAMUS RESOURCES LTD
PO Box 568
WEST PERTH, W.A. 6872
AUSTRALIA

10 MAY 2004

JOB INFORMATION

JOB CODE	: 815.0/0402440
No. of SAMPLES	: 6
No. of ELEMENTS	: 7
CLIENT O/N	: S. OWEN
SAMPLE SUBMISSION No.	:
PROJECT	: Tasmania
STATE	: Stream Sediment
DATE RECEIVED	: 28/04/2004
DATE COMPLETED	: 07/05/2004
DATE PRINTED	: 07/05/2004

LEGEND

X	= Less than Detection Limit
N/R	= Sample Not Received
*	= Result Checked
( )	= Result still to come
I/S	= Insufficient Sample for Analysis
E6	= Result X 1,000,000
UA	= Unable to Assay
>	= Value beyond Limit of Method

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ADELAIDE SAMPLE PREPARATION DIVISION
124 Mooringe Avenue, North Plympton 5037, South Australia
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SAMPLE DETAILS

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It is common practice to report data derived from analytical instrumentation to a maximum of two or three significant figures. Some data reported herein may show more figures than this. The reporting of more than two or three figures in no way implies that the third, fourth and subsequent figures may be real or significant.

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SAMPLE STORAGE OF SOLUTIONS

Samples received as liquids, waters or solutions will be held for 60 DAYS free of charge then disposed of, unless written advice for return or collection is received.

ANALYSIS

ELEMENTS	Au	Cr	Cu	Ni	Pd	Pt	S
UNITS	ppb	ppm	ppm	ppm	ppb	ppb	%
DETECTION	1	50	20	20	1	1	0.01
DIGEST	FA25/	D/	D/	D/	FA25/	FA25/	D/
ANALYTICAL FINISH	MS	OES	OES	OES	MS	MS	OES
SAMPLE NUMBERS							
0001 SRSB010	2	12.72%	X	4280	2	2	X
0002 SRSB020	1	12.74%	X	7977	1	2	X
0003 SRSB024	3	6.70%	X	446	2	5	X
0004 SRSB030	2	14.83%	X	569	3	6	X
0005 SRSB032	2	12.93%	X	507	3	5	X
0006 SRSB039	1	12.13%	X	5162	2	2	X
CHECKS							
0001 SRSB010	1	12.58%	X	4214	2	2	X
STANDARDS							
0001 SARM7b	239				1552	3682	
0002 TKC3		1927	2551	2095			1.19
BLANKS							
0001 Control Blank	1	X	X	X	X	1	X

METHOD CODE DESCRIPTION

D/OES

Sodium peroxide fusion (Zirconium crucibles) and Hydrochloric acid to dissolve the melt. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.

FA25/MS

25g Lead collection fire assay in new pots. Analysed by Inductively Coupled Plasma Mass Spectrometry.

DIATECH
Ph 61 8 9361 2596
Fx 61 8 9470 1504

Sample Summary

Job Number:	05034
Client:	Adamus Resources NL
Order No.:	S Owen
Project:	Tasmania
Date Received:	30/05/2005
Total Samples:	9

Job Description:

1. Re-label samples as follows:
BS001 becomes SRBS001
BS002 becomes SRBS002
BS003 becomes SRBS003
BS004 becomes SRBS004
BS005 becomes SRBS005

2. Process the following 6 samples as priorities before processing the others:
SRBS002 (formerly labelled BS002)
SRBS004 (formerly labelled BS004)
SRBS007 (formerly incorrectly labelled SRBS005)
SRBS008 (as labelled)
SRBS009 (as labelled)
SRBS011 (as labelled)

3. Take a 1kg grab sample of each sample before processing.
4. Oven dry each sample at 110C for 8 hours.
5. Wet screen each sample at -2.0+0.3mm (mill samples SRBS004 and SRBS005 before screening).
6. Take a further 1kg grab sample of the -0.3mm size fraction before discarding.
7. DMS separate the -2.0+0.3mm.
8. Dry screen the DMS concentrate at -2.0+0.8 and -0.8+0.3mm.
9. Magnetically separate the -0.8+0.3mm.
10. TBE separate the NM fraction.
11. Observe for proportions of Cr-spinel, versus other minerals.

9 Sept 2005
Process and analyse the following samples as per the ones above:
SRBS001
SRBS003
SRBS005

DIATECH
Ph 61 8 9361 2596
Fx 61 8 9470 1504

Sample Summary

Sample No.	Sample Type as Received	Head Weight (kgs)	Wet Weight (kgs)	Observed sample Type	Final conc wt (g)	Weight observed (g)	Overall Sample Assessment
SRBS001	Sediment	16.940		DMS Concentrate	395.46	395.46	
SRBS002	Sediment	13.640		DMS Concentrate	181.93	181.93	
SRBS003	Sediment	19.880		DMS Concentrate	21.72	21.72	
SRBS004	Sediment	22.280		DMS Concentrate	187.33	187.33	
SRBS005	Sediment	17.840		DMS Concentrate	358.67	358.67	
SRBS007	Sediment	26.000		DMS Concentrate	0.14	0.14	
SRBS008	Sediment	27.560		DMS Concentrate	891.48	891.48	
SRBS009	Sediment	26.580		DMS Concentrate	27.37	27.37	
SRBS011	Sediment	22.300		DMS Concentrate	4.78	4.78	
	Totals	**193.020**			**2068.88**	**2068.88**	

DIATECH
Ph 61 8 9361 2596
Fx 61 8 9470 1504

Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No: SRBS001

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	16.94 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

	Number of particles in each size fraction													
mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel			50	99999	99999				F	C1	200048		C	

+0.3mm = 70%, +0.4mm = 24%, +0.8mm = trace only

Other Minerals

	% Percentage of particles in each size fraction													
mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Fe Oxide/Hydroxide			100	76	30				MW	mustard-brown, red-brown	subangular to subrounded	dull, earhy	opaque	irregular, many composite with fine quartz grains
Kyanite				Tr	Tr				MW	col	subangular	pearly	translucent	bladed
Zircon					Tr				W	col	rounded	frosted	tranparent	irregular
TOTAL	%	%	100%	76%	30%	%	%	%						

What Has Been Observed?

Final Conc Weight	395.4600 g	Size Range	-2+0.3 mm	
Weight Observed	395.4600 g			

Technician: LF
Date Observed: 16-Sep-05
Report Printed: #Name?

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: 566

Sample No: SRBS002

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	13.64 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel			1000	99999	99999				F	C1	200998		C	

+0.3 = 72%. +0.4 = 20%, +0.8 = Tr only

Other Minerals

% Percentage of particles in each size fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine					Tr				MF	palest pink	angular	glassy	transparent	rare, blocky, smooth
Anatase					Tr				F	grey-blue	angular	greasy	translucent	rare, euhedral
Chlorite					Tr				MW	pearly-green	subrounded	pearly	translucent	rare, flakes
Fe Oxide/Hydroxide			100	80	28				MW	dark brown, yellow-brown, red-brown	subrounded to subangular	dull, earthy	opaque	irregular, granular
Leucoxene					Tr				W	beige, pale	subrounded	porcelain-like	opaque	rare, polished
Marcasite				Tr	Tr				F	dull greyish brassy-yellow	subrounded, subangular	submetallic	opaque	finely granular, globular
Orthopyroxene					Tr				MF	colourless tinged yellow	angular	glassy	transparent	elongate, striate, one grain
Rutile				Tr	Tr				F	black	angular	submetallic	translucent to opaque	blocky, striate
Siderite				Tr	Tr				F	cream, beige	rounded	waxy	translucent to opaque	globular
Spessartine					Tr				MF	palest orange	angular	glassy	transparent	rare, blocky, smooth
Unknown Mineral 1					Tr				F	colourless, white	angular	waxy	translucent	tabular shards, rare
Unknown Mineral 2				Tr	Tr				MF	colourless,	angular	glassy	transparent	irregular, blocky, rare
TOTAL	%	%	100%	80%	28%	%	%	%						

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: 566

Sample No:	**SRBS002**
Overall Sample Assessment:	
Your Project Code:	Tasmania

Technician: LF
Date Observed: 19-Aug-05
Report Printed: #Name?

What Has Been Observed?

Final Conc Weight	181.9300	g	Size Range	-2+0.3	mm
Weight Observed	181.9300	g			

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

DIATECH
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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.:

Sample No: SRBS003

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	19.88 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel				50	10000	10000				F	C1	20050		C	

+0.3mm = 56%, +0.4mm = 36%, +0.8mm = trace only

Other Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine					Tr	Tr				MF	pale pink	subangular	glassy	transparent	irregular
Diaspore					Tr	Tr				MW	palest pink	subangular	pearly	translucent - transparent	blocky
Epidote					Tr	Tr				MF	yellow-green	subangular to angular	glassy	translucent-transparent	irregular
Fe Oxide/Hydroxide				10	Tr	Tr				MW	red-brown	rounded	polished	opaque	irregular
Leucoxene					Tr	Tr				W	cream, beoge-brown	subrounded	porcelain-like	opaque	irregular to blocky
Orthopyroxene				Tr	Tr	Tr				F	palest yellow-green	subangular to angular	frosted	transparent	elongate, jagged
Pyrite				50	30	21				F	brassy-yellow	angular	metallic	opaque	massive to cubic
Rock Fragments				40	29	20				MF	white, mottled green, many dark grey	subangular to subrounded	dull	opaque	granular - possibly decomposed pyrite grains??
Siderite					Tr	Tr				F	cream, beige	rounded	waxy	translucent	globular
Spessartine				Tr	5	3				MF	orange, pale	subangular	glassy	transparent - translucent	irregular
TOTAL		%	%	100%	64%	44%	%	%	%						

What Has Been Observed?

Final Conc Weight	21.72000 g	Size Range	-2+0.3 mm
Weight Observed	21.72000 g		

Technician: LF
Date Observed: 16-Sep-05
Report Printed: #Name?

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: 566

Sample No: SRBS004
Overall Sample Assessment:
Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	22.28 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

Key Minerals mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel			150	99999	99999				F	C1	200148		C	

+.3 = 80%, +.4 = 50%, +0.8 = Tr only

Other Minerals

Other Minerals mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Anatase					Tr				MW	grey, yellow-grey	subrounded	greasy	translucent	irregular to subhedral
Fe Oxide/Hydroxide			100	50	20				MW	yellow-brown, dark brown	subrounded to subangular	dull, earthy	opaque	irregular
Ilmenite					Tr				MF	dull, grey-black	subangular	submetallic	opaque	blocky
Kyanite				Tr	Tr				MF	colourless, stained	subangular	pearly	transparent	bladed, elongate
Leucoxene					Tr				W	beige, greyish	subrounded	porcelain-like, dull	opaque	rare, dull to polished
Muscovite					Tr				MW	colourless, white	subrounded	pearly	transparent	rare flakes
Orthopyroxene				Tr	Tr				F	colourless, tinged yellow	angular	glassy	transparent	striate, elongate crystals, fine dog-tooth
Rutile					Tr				W	cherry red	rounded to angular	submetallic	translucent to opaque	near spherical to blocky
Unknown Mineral 1				Tr	Tr				MF	colourless	angular	glassy	transparent	irregular, blocky, rare
Zircon					Tr				MF	colourless, very pale pink	angular	vitreous	transparent	broken euhedra
TOTAL	%	%	100%	50%	20%	%	%	%						

What Has Been Observed?

Final Conc Weight	187.3250 g	Size Range	-2+0.3 mm
Weight Observed	187.3250 g		

Technician: LF
Date Observed: 22-Aug-05
Report Printed: #Name?

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrate observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.:

Sample No: SRBS005

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	17.84 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel				300	99999	99999				F	C1	200298		C	
+0.3mm = 88%, +0.4mm = 67%, +0.8mm = trace only															

Other Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Fe Oxide/Hydroxide				100	33	12				F	orange-brown, silvery-black, black	angular to rounded	dull to semi-metallic	opaque	haematite? composite, poss. enclosing chromite??
TOTAL		%	%	100%	33%	12%	%	%	%						

What Has Been Observed?

Final Conc Weight	358.6700 g	Size Range	-2+0.3 mm
Weight Observed	358.6700 g		

Technician: LF
Date Observed: 16-Sep-05
Report Printed: #Name?

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

NOTE: highly susceptible farction = 437.66g - predominantly haematite/magnetite33 Concentrated observed primarily for

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No: SRBS007
Overall Sample Assessment:
Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	26 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel					5	60				F	C1	65		C	

Other Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Biotite					Tr	Tr				MW	pale brown		dull	translucent, opaque	flakes, platy
Epidote						Tr				MW	yellow-green	subrounded	dull	translucent	irregular
Fe Oxide/Hydroxide				100	100	100				W	brown	subrounded	dull	opaque	irregular
Muscovite					Tr	Tr				MW	colourless		pearly	transparent	micaceous flakes
TOTAL		%	%	100%	100%	100%	%	%	%						

What Has Been Observed?

Final Conc Weight	0.140000 g	Size Range	-2+0.3 mm
Weight Observed	0.140000 g		

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All	All	All			

Technician: JED
Date Observed: 29-Aug-05
Report Printed: #Name?

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No: SRBS008
Overall Sample Assessment:
Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	27.56 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel				10000	99999	99999				F	C1	209998		C	

+0.8 = 95%, +0.4 = 98%, +0.3 = 99.9%

Other Minerals

	mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Almandine						Tr				MF	palest pink	subangular	glassy	translucent	irregular, inclusions, rare
Anatase						Tr				MW	pale blue, blue	subangular	greasy	translucent	blocky, subhedra
Cassiterite					Tr	Tr				MW	bright red, orange, yellow, brown	subrounded	submetallic	translucent to transparent	irregular
Fe Oxide/Hydroxide				Tr						W	red-brown, brown	subrounded	dul	opaque	irregular
Gold						Tr				W	golden yellow	rounded	metallic	opaque	one grain
Kyanite					Tr	Tr				MW	colourless	subrounded	plearly	translucent	flat, bladed
Leucoxene						Tr				MW	beige, grey	subrounded	porcelain-like	opaque	irregular to subhedral
Orthopyroxene				5	2	Tr				F	tinged yellow	angular	glassy to frosted	transparent	elongate, striate
Unknown Mineral 1				Tr	Tr	Tr				MF	colourless	subrounded to subangular	glassy	transparent	blocky
Zircon						Tr				MW	colourless, pinkish	subangular	vitreous	transparent	euhedral, subhedra
TOTAL		%	%	5%	2%	0%	%	%	%						

What Has Been Observed?

Final Conc Weight	891.4800 g	Size Range	-2+0.3 mm
Weight Observed	891.4800 g		

Technician: JED
Date Observed: 29-Aug-05
Report Printed: #Name?

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No: SRBS009

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	26.58 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Number of particles in each size fraction

Key Minerals

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel			10000	99999	99999				F	C1	209998		C	

+0.3 = 99%, +0.4 = 95%, +0.8 = 85%

Number of particles in each size fraction

Other Minerals

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Anatase					Tr				W	grey-blue, grey	subrounded	greasy	translucent	irregular to subhedral
Barite					1				MW	white, greyish	subrounded	dull, frosted	translucent	irregular
Cassiterite					Tr				MW	golden-yellow, mottled	subrounded	submetallic, greasy	translucent	blocky
Diaspore			Tr	Tr	Tr				MW	palest pink	subangular	pearly	translucent to transparent	blocky
Kyanite			Tr		Tr				W	colourless	subangular	pearly	transparent	bladed, elongate
Leucoxene					Tr				MW	beige, grey	subrounded	porcelain-like	opaque	subhedral, pitted
Orthopyroxene			Tr		Tr				F	colourless, tinged yellow	angular	glassy	transparent	elongate, striate
Rock Fragments			15	5	Tr				MF	mottled black/white	subangular		opaque	composite fragments, usually chr + other material
Rutile					Tr				W	silvery-black	rounded	submetallic	opaque	near spherical
Siderite					Tr				F	creamy-beige	rounded	waxy	translucent	globular
Unknown Mineral 1			Tr	Tr	Tr				MF	colourless	angular	glassy	transparent	irregular, blocky
Zircon				Tr	Tr				MW	white, colourless	subrounded	glassy to dull	transparent to opaque	subhedral, some metamict, rare
TOTAL	%	%	15%	5%	1%	%	%	%						

% Percentage of particles in each size fraction

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No:	**SRBS009**
Overall Sample Assessment:	
Your Project Code:	Tasmania

Technician: LF
Date Observed: 29-Aug-05
Report Printed: #Name?

What Has Been Observed?

Final Conc Weight	27.37	g	Size Range	-2+0.3	mm
Weight Observed	27.37	g			

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No: SRBS011

Overall Sample Assessment:

Your Project Code: Tasmania

Sample Type (as collected):	Sediment	Head Weight	22.3 kg
Sample Type (as received):	Sediment	Wet Weight	kg
Observed Sample Type:	DMS Concentrate		

Diamond

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Total particles	Description of these particles

Key Minerals

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Overall Morph. Group	Total particles	No of particles probed	PRIORITY based on Morphology only)	PRIORITY based on morphology and Probe)
Chromite/Cr-Spinel			124	5000	10000				F	C1	15124		C	

+0.8 = 30%, +0.4 = 54%, +0.3 = 77%

Other Minerals

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10	Wear	Colour	Angularity	Lustre	Transparency	Form/Shape
Anatase				Tr	Tr				MW	palest blue, silvery-grey		submetallic	opaque	tabular
Barite				Tr	Tr				MW	colourless	subrounded, subangular	glassy	transparent	irregular, blocky
Corundum			Tr	Tr	Tr				F	colourless	subangular	glassy	transparent	irregular, slight frosting
Diaspore			Tr	Tr	Tr				MW	pale pink	subangular	dull	opaque	tabular, blocky, frosted
Fe Oxide/Hydroxide			5	Tr	Tr				W	brown	subangular	dull	opaque	irregular
Kyanite				Tr	Tr				MW	colourless/grey		dull	opaque	elongate, included
Leucoxene			Tr	Tr	Tr				W	beige, cream	subrounded	dull	opaque	irregular
Orthopyroxene				Tr	Tr				MW	pale yellow		glassy	transparent, translucent	irregular, finely striated, dogtooth edges
Pyrite			Tr	Tr	Tr				MW	brassy yellow	subangular	dull metallic	opaque	irregular, blocky
Rock Fragments			5	Tr	Tr				MF	grey-green	subangular	dull	opaque	irregular
Rutile					Tr				MW	black		submetallic	opaque	blocky
Siderite			Tr	Tr	13				MW	creamy yellow	subrounded	waxy	opaque	irregular
Tourmaline			60	46	10				MF	black-brown	subrounded to subangular	glassy	translucent	blocky, subhedral, irregular
TOTAL	%	%	70%	46%	23%	%	%	%						

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Detailed Heavy Mineral Analysis

Our Job No.: 05034
Disc No.: -

Sample No:	**SRBS011**
Overall Sample Assessment:	
Your Project Code:	Tasmania

Technician: JED
Date Observed: 29-Aug-05
Report Printed: #Name?

What Has Been Observed?

Final Conc Weight	4.78	g	Size Range	-2+0.3	mm
Weight Observed	4.78	g			

Magnetic Fractions vs Size Fraction

mm	+1.2	+1.0	+.8	+.4	+.3	+.25	+.20	+.10
NotMag			All					
NM				All	All			
M6/7				All	All			
M4/5				All	All			

Comment about this sample:

Concentrated observed primarily for chromite percentages. No SEM work completed.

SRBS001

+0.3mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	61	39	0.56	0.34	0.22
M6/7	65	35	10.7	6.96	3.75
M4/5	77	23	9.84	7.58	2.26
		Total weights	21.1	14.87	6.23
		% of weight in this size fraction		**70.49**	**29.51**

+0.4mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	18	82	2.66	0.48	2.18
M6/7	13	87	50.51	6.57	43.94
M4/5	55	45	18.24	10.03	8.21
		Total weights	71.41	17.08	54.33
		% of weight in this size fraction		**23.91**	**76.09**

SRBS002

+0.3mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	75	25	0.34	0.26	0.09
M6/7	71	29	4.23	3.00	1.23
M4/5	73	27	6.26	4.57	1.69
		Total weights	10.83	7.83	3.00
		% of weight in this size fraction		**72.28**	**27.72**

+0.4mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	67	33	0.77	0.52	0.25
M6/7	21	79	12.42	2.61	9.81
M4/5	16	84	13.16	2.11	11.05
		Total weights	26.35	5.23	21.12
		% of weight in this size fraction		**19.85**	**80.15**

SRBS003

+0.3mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	0	100	1	0.00	1.00
M6/7	59	41	0.44	0.26	0.18
M4/5	76	23	2.72	2.07	0.63
		Total weights	4.16	2.33	1.81
		% of weight in this size fraction		**55.93**	**43.41**

+0.4mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	3	97	3.44	0.10	3.34
M6/7	36	67	0.67	0.24	0.45
M4/5	74	26	2.9	2.15	0.75
		Total weights	7.01	2.49	4.54
		% of weight in this size fraction		**35.53**	**64.76**

SRBS004

+0.3mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	71	29	1.24	0.88	0.36
M6/7	62	38	10.22	6.34	3.88
M4/5	89	11	19.02	16.93	2.09
		Total weights	30.48	24.14	6.34
		% of weight in this size fraction		**79.21**	**20.79**

+0.4mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	21	79	4.12	0.87	3.25
M6/7	28	72	51.54	14.43	37.11
M4/5	82	18	40.81	33.46	7.35
		Total weights	96.47	48.76	47.71
		% of weight in this size fraction		**50.54**	**49.46**

SRBS005

+0.3mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	55	45	0.63	0.35	0.28
M6/7	78	22	3.49	2.72	0.77
M4/5	90	10	25.06	22.55	2.51
		Total weights	29.18	25.62	3.56
		% of weight in this size fraction		**87.81**	**12.19**

+0.4mm

Mag fraction	% Ch from counts	% FeO from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of FeO
NM	12	88	1.62	0.19	1.43
M6/7	25	75	14.46	3.62	10.85
M4/5	85	15	39.75	33.79	5.96
		Total weights	55.83	37.60	18.23
		% of weight in this size fraction		**67.34**	**32.66**

SRBS008

+0.3mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	95	5	3.88	3.69	0.19
M6/7	100	0	75.14	75.14	0.00
M4/5	100	0	187.15	187.15	0.00
		Total weights	266.17	265.98	0.19
		% of weight in this size fraction		**99.93**	**0.07**

+0.4mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	60	40	4.35	2.61	1.74
M6/7	97	3	185.03	179.48	5.55
M4/5	100	0	240.19	240.19	0.00
		Total weights	429.57	422.28	7.29
		% of weight in this size fraction		**98.30**	**1.70**

SRBS009

+0.3mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	73	27	0.58	0.42	0.16
M6/7	100		3.97	3.97	0.00
M4/5	100		8.23	8.23	0.00
		Total weights	12.78	12.62	0.16
		% of weight in this size fraction		**98.77**	**1.23**

+0.4mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	90	10	0.27	0.24	0.03
M6/7	95	5	5.61	5.33	0.28
M4/5	95	5	6.4	6.08	0.32
		Total weights	12.28	11.65	0.63
		% of weight in this size fraction		**94.89**	**5.11**

SRBS011

+0.3mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	33	67	0.18	0.06	0.12
M6/7	75	25	0.34	0.26	0.09
M4/5	81	19	2.05	1.66	0.39
		Total weights	2.57	1.97	0.60
		% of weight in this size fraction		**76.84**	**23.16**

+0.4mm

Mag fraction	% Ch from counts	% Other from counts	Wt(g) of mag fraction	Wt(g) of Ch	Wt (g) of Other
NM	14	86	0.13	0.02	0.11
M6/7	49	51	0.27	0.13	0.14
M4/5	60	40	1.12	0.67	0.45
		Total weights	1.52	0.82	0.70
		% of weight in this size fraction		**54.11**	**45.89**

Serpentine Ridge, Tasmania
Helicopter Magnetic Geophysical Survey

Acquisition and Processing Report

for

Adamus Resources Ltd

Prepared by : M. Hope ……..

L. Stenning ……..

Authorised for release by : ……..

……..

Survey flown: April 2005

by

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FAS JOB # 1708

CONTENTS

1. SURVEY OPERATIONS AND LOGISTICS

1.1 Introduction

Between the 9th of April 2005 and the 13th of April 2005 Fugro Airborne Surveys Pty. Ltd. (FAS) undertook an airborne helicopter magnetic survey for Adamus Resources Ltd., over the Serpentine Ridge Project area near Zeehan, Tasmania. The survey consisted of one area, flown in 8 flights. Total coverage of the survey area amounted to 919 line kilometres. The survey was flown using a Bell 206 Jetranger Helicopter, registration VH-JWF owned and operated by Heli Aust Pty Ltd. This report summarises the procedures and equipment used by FAS in the acquisition, verification and processing of the airborne geophysical data.

1.2 Survey Base

The survey was based at Zeehan, Tasmania. The survey aircraft was operated from the Zeehan airport with the aircraft fuel available on site. A temporary office was set up in a room at the Heemskirk Motel, where all survey operations were run and the post-flight data verification were performed.

1.3 Survey Personnel

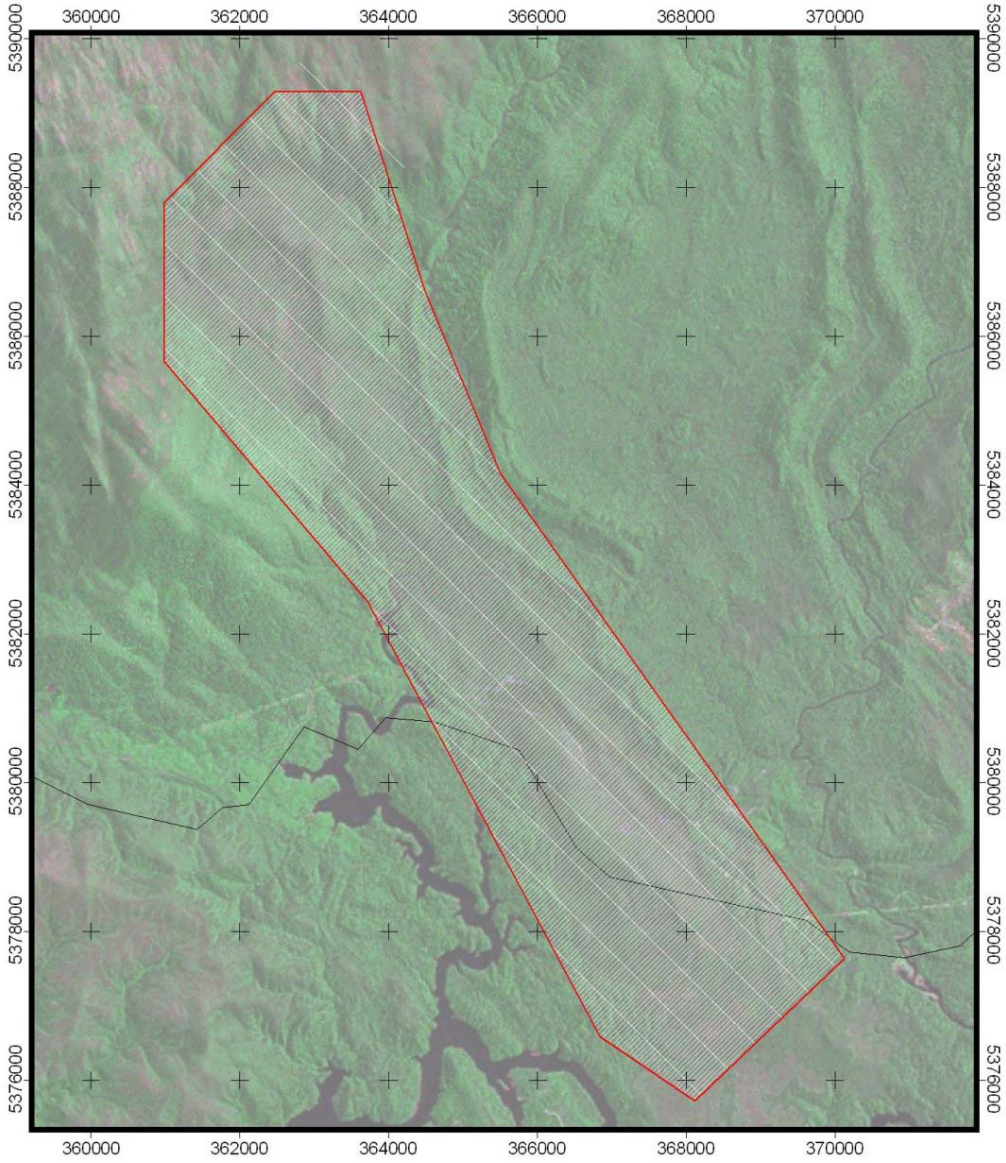
The following personnel were involved in this project:

Project Supervision - Acquisition	Rod Pullin
- Processing	Andrea Tovey
On-site Crew Leader	Zoltan Beldi
Pilots	Tony Feller
Data Processing (Field)	Zoltan Beldi
Data Processing (Perth)	Matthew Hope

1.4 Survey Equipment

Survey Platform	-	Bell B206 B3 Jetranger Helicopter VH-JWF
Data acquisition system	-	FASDAS digital acquisition system
Total Field Magnetometer	-	Geometrics G822A Cesium Vapour
Magnetometer Compensator	-	FASDAS magnetic decoupler
Navigation System GPS	-	Fugro Omnistar in VBS (Virtual Base Station) mode, Ashtech G12 GPS receiver
Base station magnetometer	-	2 x Geometrics G856 proton precession
Altimeter	-	Collins ALT 50B radio altimeter
Barometer	-	Setra V55M

1.5 Area Map



Flight Plan for QH4456 - Adamus Resources

0 1 2 3 Kilometers

1:75000

Projection ; Transverse Mercator
Spheroid ; WGS 84
FalseEasing ; 500000
FalseNorthing ; 10000000
CentralMeridian ; 147

Flight Line Heading ; 45
Flight Line Spacing ; 50
Cross Line Heading ; 135
Cross Line Spacing ; 500
Total Line Km ; 919

N
W E
S

2. SURVEY SPECIFICATIONS AND PARAMETERS

2.1 Area Co-ordinates

The survey area was located within UTM Zone 55, Central Meridian = 147
(Note - Co-ordinates in WGS84 Zone 55)

Easting	Northing
363597E	5389240N
364437E	5386608N
365464E	5384125N
370085E	5377598N
368192E	5375741N
366882E	5376626N
363769E	5382451N
361040E	5385672N
361040E	5387781N
362489E	5389240N

2.2 Survey Area Parameters

Job Number	-	1708
Survey Company	-	Fugro Airborne Surveys Pty Ltd
Date Flown	-	9th April 2005 – 13th April 2005
Client	-	Adamus Resources Ltd
Area Name	-	Serpentine Ridge, Tasmania
Nominal Terrain Clearance	-	50 m
Traverse Line Spacing	-	50 m
Traverse Line Direction	-	045 – 225 deg
Traverse Lines	-	10001 – 10272 (272)
Tie Line Spacing	-	500 m
Tie Line Direction	-	135 – 315 deg
Tie Lines	-	19001 – 19013 (13)
Total Survey Line Kilometres	-	919 km

2.3 Data Sample Intervals

Nominal data sample intervals.

Magnetometer	-	3.0 m (@10 Hz)
Radar altimeter	-	3.0 m (@10 Hz)
Temperature	-	3.0 m (@10 Hz)
Pressure	-	3.0 m (@10 Hz)
GPS	-	30 m (@ 1 Hz)
Magnetic base station (G856)	-	5 s

3. AIRCRAFT EQUIPMENT AND SPECIFICATIONS

3.1 Aircraft

Manufacturer	-	Bell
Model	-	206 B3 JetRanger Helicopter
Registration	-	VH-JWF
Ownership	-	Heli Aust Pty Ltd

3.2 Navigation System

The GPS receiver was integrated as part of the FASDAS system. Navigation displays were generated by the FASDAS software that displayed to the pilot a graphical representation of the line being flown. A pre-defined flight plan, with area boundaries and the start and end of the line co-ordinates, was loaded into memory and used for real-time navigation information. Position co-ordinates and other relevant GPS information were output and recorded by the acquisition computer.

3.3 Aircraft Magnetometers

The survey was flown using a Geometrics G822A ultra-high sensitivity Caesium vapour magnetometer sensor with the sensor mounted in a boom attached below the helicopter. The sensor provides a Larmor signal that is processed by high precision counters embedded within the FASDAS to provide an operating range of 20,000 to 100,000 nT.

Magnetometer specifications:

Nominal Sensitivity	0.001 nT
Still Air RMS Noise	0.05 nT
Digital Recording Resolution	0.001 nT
Magnetic Gradient Tolerance	>20,000 nT / metre

3.4 Automatic Compensator

The magnetometer data, together with data from the 3-axis fluxgate, was integrated in the FASDAS to produce real time compensation for the effects of the aircraft's motion, i.e. from changes in attitude and heading. The compensation coefficients were calculated from compensation flights carried out before the survey commenced. The compensated output data, with a resolution and sensitivity of 0.001 nT at a sampling rate of 10 times per second, were recorded digitally.

3.5 Radar Altimeter

A Collins ALT 50B Radio Altimeter system was used to measure ground clearance. The radio altimeter indicator provides an absolute altitude display from 0 - 750 metres (0 - 2,500 feet) with a sensitivity of 4 mV/ft. Radar altimeter data were digitally recorded every 0.1 seconds.

Specifications

Range:	-	0 - 2500 feet
Accuracy:	-	1%
Resolution:	-	4 mV/foot

3.6 Barometric Altimeter

The output of the Setra V55M pressure transducer is used for calculating the barometric altitude of the aircraft. In conjunction with the area QNH pressure and ambient temperature, the barometric altitude may be calculated.

3.7 Flight Data Recording

All data recorded by the data acquisition system were stored in a digital format on the removable media drive located in the DAS. This data were then transferred to the field office computers for post-flight quality control examination.

3.8 Flight Following

An integral part of the Safety Management System provides for the installation of a Flight Following System that transmits a position via satellite at pre determined intervals. The Fugro Omnistar Flight Following System was fitted to the aircraft and for this survey, position information was transmitted every 2 minutes to Fugro's premises in Perth. This information can be monitored by accessing the Fugro web page where the updated flight path is displayed. The aircraft was also fitted with an emergency switch and activation of this by the pilot or crew will notify the Omistar Network control centre immediately. They in turn will contact FAS personnel as per the Emergency Response plan.

Aircraft are also fitted with Thrane & Thrane Imarsat C reporting units which report every 5 minutes directly to the FAS office. A similar Emergency alarm system is in place.

4. GROUND DATA ACQUISITION EQUIPMENT AND SPECIFICATIONS

4.1 Magnetic Base Station

Two Geometrics G856 proton precession base station magnetometers were used to measure the daily variations of the Earth's magnetic field. The base stations were established in an area of low gradient, away from cultural influences. The base stations were run continuously throughout the survey flying period with a sampling interval of 5 seconds and a sensitivity of 0.1 nT. The base station data were closely examined after each day's production flying to determine if any data had been acquired during periods of out-of-specification diurnal variation. The primary base station was situated at the Zeehan Airport. The secondary base station was situated at the Heemskirk Motel, Zeehan.

4.2 GPS Base Station

A GPS base logging station was set up at the survey base office. The GPS antenna was positioned on the roof of the Heemskirk Motor Hotel, Main St Zeehan.

The GPS base system was comprised of a GPS receiver, a logging computer, an antenna and a power supply. Data was logged and displayed in real time on the logging computer screen. The logged base data was processed with the airborne GPS data to calculate the differentially post-processed position of the aircraft.

The GPS base station position was calculated by logging data continuously at the base position over a period of 24 hours. These data were then statistically averaged to obtain the position of the base station.

The calculated GPS base position was (in WGS 84):

41° 53' 33.94730" S, 145° 20' 39.99138" E, 169.869 m.

5. EQUIPMENT CALIBRATIONS AND DATA ACQUISITION CHECKS

5.1 Survey Calibrations

A series of calibrations were performed as follows:

5.1.1 Dynamic Magnetometer Compensation

Carrying a magnetometer through a varying field in a non-uniform orientation produces manoeuvre noise. To compensate for this manoeuvre noise a standard compensation test flight called a "comp box" was flown. The compensation file produced also removed the majority of the heading error. Aircraft compensation tests were flown on the 4 survey line headings and also at +/- 7½ and 15^{o} to the line headings (to accommodate for cross wind flying conditions). The data for each heading consists of a series of aircraft manoeuvres with large angular excursions: specifically pitches, rolls and yaws. This was done to artificially create the worst possible attitudes and rates of attitudinal change likely to be encountered while on line and compensate for any magnetic noise created by the aircraft's motion within the earth's magnetic field. The data was processed to obtain the real-time compensation terms. These coefficients were applied in real-time or later during post-processing if required. Note that this form of compensation will only remove those noise effects modelled in the manoeuvre test flight. Random motions of the boom with respect to the aircraft airframe generally establish the noise floor for this type of installation. Details of the comp boxes flown for this survey are shown in the table below.

Flown	Flights covered
9/4/2005	Flights 1 - 9

5.1.2 Parallax

Parallax error is caused by the physical difference in distance between the various sensors, the electronic delay and software timing in the acquisition system. Hence all variables are subjected to a displacement from the GPS co-ordinates. If these variables are processed without a position offset a parallax error will occur.

Data	Parallax
GPS	0 second
Magnetics	0.06 second
Radar Altitude	0 second

5.1.3 Daily Calibrations

A set of daily calibrations were performed each survey day as follows:
Magnetic base station time check

5.1.3.1 Magnetic Base Station Time Check

Prior to each days survey all magnetic base stations were time checked and synchronised with the time on the aircraft survey system GPS receiver.

6. DATA VERIFICATION AND FIELD PROCESSING

All data verification was conducted at the field office in Zeehan for the duration of the survey. At the conclusion of each days survey all magnetic, altimeter, flight path and diurnal data were downloaded onto the field office computer for preliminary verification. All raw aircraft data were backed up at the end of each day's survey. One copy was sent to the FAS office in Perth, the other copy remaining at the field office.

6.1 Magnetic Diurnal Data

Diurnal data recorded from the primary base station was downloaded onto the field office computer. The data were then checked for spikes and erroneous readings. If invalid diurnal data occurred whilst survey data was being acquired the affected section was re-flown. The diurnal data was also checked to see that the change in diurnal readings during the course of the survey did not exceed the specified tolerances. When this occurred the affected part of the survey line was re-flown. The diurnal data was merged with the aircraft data and used in the verification of the magnetic data. Diurnal data recorded on the secondary base station was also downloaded onto the field office computer.

6.2 Height Data

Radar altimeter, barometric altimeter and GPS height data from the aircraft was transferred onto the field office computer.

6.2.1 Radar Altimeter Data

The radar altimeter data was verified to check that a reasonably constant height above the terrain was flown, readings during the course of the survey did not exceed the specified tolerances and for equipment reliability.

6.2.2 GPS Height Data

The aircraft's height above the WGS84 ellipsoid each second was determined by differentially post-processing the synchronised GPS data from the aircraft and GPS base station data. The GPS height of the aircraft was verified to check for data masking and for equipment reliability.

6.2.3 Barometric Altimeter Data

As a backup to the aircraft's GPS height, barometric height was also recorded. The barometric height of the aircraft was verified to check for equipment reliability. The barometric data were also used in the processing of the radiometric data.

6.2.4 Topographical Data

After verification parallax corrections were applied, the radar altitude was subtracted from the GPS height to give the elevation of the terrain above the WGS84 ellipsoid. It was not considered necessary to make any further corrections as this data was for verification purposes only.

6.2.5 Gridding and Inspection

The topographic data were gridded and grid image enhancements were computer and displayed on screen. These were inspected for inconsistencies and errors.

6.3 Flight Path Data

The flight path data from the aircraft and the GPS base station were transferred onto the field office computer. The aircraft's precise location each second was determined by differentially post-processing the synchronised GPS data from the aircraft and GPS base station data. The flight path was recovered and plotted daily to ensure it was within specification. Any data not within specification was re-flown. The flight path data was then merged with the rest of the aircraft and diurnal data. Both the aircraft and GPS base station recorded the data in the WGS84 datum.

6.4 Magnetic Data

The real-time compensated and uncompensated magnetic data from the aircraft recorded every 0.1 second were transferred to the field office computer. The raw magnetic data were checked to identify noise and spikes. If the noise exceeded the specified tolerances the part of the line affected was re-flown. After the magnetic data were merged with the digital flight path the following sequence of operations were carried out to allow inspection and verification of the data:

6.4.1 Diurnal Correction

The synchronised digital diurnal data collected by the base station was subtracted from the corresponding airborne magnetic readings to calculate a difference. The resultant difference was then subtracted from the base value to produce diurnally corrected magnetic data.

6.4.2 Parallax Correction

The diurnally corrected magnetic data were corrected for system parallax using the calculated value.

6.4.3 Preliminary Gridding and Inspection

The magnetic data were gridded and grid image enhancements were computed and displayed on screen. These were inspected for inconsistencies and errors.

7. FINAL DATA PROCESSING

7.1 Aircraft Location

The aircraft's location each second was determined by differentially post-processing the synchronised GPS data recorded on both the aircraft and GPS base station. This data is recorded in the WGS84 datum.

7.2 Magnetic Data Processing

The processing procedures applied to the magnetic data are summarised below:

a) Apply any spike corrections to the compensated magnetic variables.
b) Interpolate undefined magnetic values.
c) Co-ordinate the data with post-processed GPS data.
d) Filter diurnal values and subtract them from individual compensated magnetic readings.

Area	Base Value
Serpentine Ridge	61960 nT

e) Apply parallax correction.
f) Correct for regional effects of the earth's magnetic field by calculating the IGRF value at each fiducial using IGRF model 2000 and secular variation model. A base value was added back.

IGRF Model	Base Value
2005.4	61900 nT

g) Height correction applied.
h) Following this, a FAS proprietary microlevelling process was applied in order to more subtly level the data.

7.2.1 Gridding

The final levelled magnetic data were gridded using a bi-directional spline algorithm. A grid cell size of 10 m was used.

7.3 Digital Elevation Model

The processing procedures applied to the terrain data are summarised below:

a) Apply any spike corrections to the raw radar altimeter data.
b) Interpolate undefined values.
c) Co-ordinate the data with post-processed GPS data.
d) Apply parallax corrections.
e) Subtract the aircraft's height above ground from the aircraft's height above the WGS84 ellipsoid and correct for radar altimeter/GPS sensor separation.
f) Derive surface topography values with respect to mean sea level (referenced to the geoid) by correcting the WGS84 ellipsoid values with geoid-ellipsoid separation values.
g) Following this, a FAS proprietary micro-levelling process was applied in order to more subtly level the data.

7.3.1 Gridding

The final levelled elevation data were gridded using a bi-directional spline algorithm. A grid cell size of 10 m was used.

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is

usually much less, sometimes in the ±5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process.

Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSE

APPENDIX I – Weekly Operations Report

Week Commencing: **Monday 4-Apr-05** Aircraft: VH-JWF Operators: Pilots: Tony Feller
Job Number: 1708 Base: Zeehan Data Proc: Techs:
Total km: 950.0 Country: Crew Leader: Zoltan Beldi Client: Adamus
Area Name: Accom: Contact #:

Date	Flight Number	Crew Plt(s)	Crew Op	Time T/O	Time Land	M/R Hrs	Oil L	Oil R	Fuel Added	This Flight Prod	This Flight Refly	To Date Prod	To Date Refly	Standby (0, 0.5, 1)	Comments
Monday 4-Apr-05															Weather:
Julian 825															Remarks: Mobilisation Airtravel and Ferry to Tasmania
Day 1				Hours Today		0.0				0.0	0.0	0.0	0.0		Safety Meeting:
Tuesday 5-Apr-05															Weather
															Remarks: Arrived on site, Helicopter arrived 1600
Julian 826															
Day 2				Hours Today		0.0				0.0	0.0	0.0	0.0		Safety Meeting:
Wednesday 6-Apr-05														0.5	Weather: Rain - Low cloud
															Remarks: GPS base and diurnal established - equipment installed in aircraft
Julian 827															half day standby due WX
Day 3				Hours Today		0.0				0.0	0.0	0.0	0.0		Safety Meeting:
Thursday 7-Apr-05															Weather: OK
															Remarks: Mag not locking on - de-coupler suspected, replacement organised
Julian 828															fasdas intermittant lock-ups new CPU coming
Day 4				Hours Today		0.0				0.0	0.0	0.0	0.0		Safety Meeting:
Friday 8-Apr-05															Weather: Rain - Low cloud
															Remarks: Decoupler replaced - CPU still suspect with system lockups
Julian 829															
Day 5				Hours Today		0.0				0.0	0.0	0.0	0.0		Safety Meeting:
Saturday 9-Apr-05	1	TF	ZB	13:48	15:48	2.0				48.0	0.0				Weather: Low Cloud - light wind rain pm
															Remarks: Installation completed and tested following arrival of spare CPU
Julian 830															Area recce and Comp Box achieved and 2 Tielines completed
Day 6				Hours Today		2.0				48.0	0.0	48.0	0.0		Safety Meeting: Safety Plan Reviewed and additional info added
Sunday 10-Apr-05	2	TF	ZB	9:10	12:00	2.8				188.0					Weather: Rain and low cloud - rain torrential in pm
															Remarks:Morning flight curtailed with rain
Julian 831															
Day 7				Hours Today		2.8				188.0	0.0	236.0	0.0		Safety Meeting:
Total Job Hours	4.8	Weekly Totals			4.8	0	0	0	236.0	0.0			0.5		

Total Aircraft Hours | Ltrs/Hr 0 | Total Standby 0.5
Hours to Next Periodic | Running Avg 33.7 km/day | % Complete 24.8 %
Anticipated Hours Next week | 48.8 km/hr | km Remaining 714.0 km

Week Commencing: **Monday 11-Apr-05** Aircraft: VH-JWF Operators: 0 Pilots: Tony Feller
Job Number: 1708 Base: Zeehan Data Proc: 0 Techs: 0
Total km: 950 Country: 0 Crew Leader: Zoltan Beldi Client: Adamus
Area Name: 0 Accom: 0 Contact #: 0

Date	Flight Number	Crew Plt(s)	Crew Op	Time T/O	Time Land	M/R Hrs	Oil L	Oil R	Fuel Added	This Flight Prod	This Flight Refly	To Date Prod	To Date Refly	Standby (0, 0.5, 1)	Comments
Monday 11-Apr-05	3	TF	ZB	9:00	9:15	0.3				0.0					Weather:first flight abort due fog, third flight abort due rain
	4	TF	ZB	11:45	15:00	3.3				248.1					Remarks:WX still very marginal
Julian 832	5	TF	ZB	15:15	16:15	1.0				44.0					
Day 8				Hours Today		4.5				292.1	0.0	528.1	0.0		Safety Meeting:
Tuesday 12-Apr-05	6	TF		11:20	14:45	3.4				200.0					Weather:Fog burned by 11am Overcaste some rain
	7	TF		15:00	17:55	2.9				140.0					Remarks:
Julian 833															
Day 9				Hours Today		6.3				340.0	0.0	868.1	0.0		Safety Meeting:
Wednesday 13-Apr-05	8	TF		7:45	9:20	1.6				81.9	6.0				Weather:
				10:30	17:30	7.0									Remarks:Survey Completed VH-JWF returned Bankstown
Julian 834															
Day 10				Hours Today		8.6				81.9	6.0	950.0	6.0		Safety Meeting:
Thursday 14-Apr-05															Weather:
															Remarks:Vehicle to Ferry - Devenport - Sydney
Julian 835															
Day 11				Hours Today		0.0				0.0	0.0	950.0	6.0		Safety Meeting:
Friday 15-Apr-05															Weather:
															Remarks:Vehicle Sydney to Bankstown
Julian 836															
Day 12				Hours Today		0.0				0.0	0.0	950.0	6.0		Safety Meeting:
Saturday 16-Apr-05															Weather:
															Remarks: Hotel Bankstown - Beldi and Fowkes
Julian 837															Purchase of equipment and preparation of JSP for BHP job
Day 13				Hours Today		0.0				0.0	0.0	950.0	6.0		Safety Meeting:
Sunday 17-Apr-05															Weather:
															Remarks: Hotel Bankstown - Beldi and Fowkes
Julian 838															Preparation of JSP for BHP job
Day 14				Hours Today		0.0				0.0	0.0	950.0	6.0		Safety Meeting:
Total Job Hours	24.3	Weekly Totals				19.4	0	0	0	714.0	6.0			0.0	

Total Aircraft Hours | Ltrs/Hr 0 | Total Standby 0.5
Hours to Next Periodic | Running Avg 102.0 km/day | % Complete 100.0 %
Anticipated Hours Next week | 36.8 km/hr | km Remaining 0.0 km

Survey Equipment Problems: _____

APPENDIX II – Final Located Data Formats

Headers for final data files

Description File for 0.1 sec Magnetics and Elevation Data

```
COMM JOB NUMBER:                                                    1708
COMM AREA NUMBER:                                                     01
COMM SURVEY COMPANY:                                 Fugro Airborne Surveys
COMM CLIENT:                                               Adamus Resources
COMM SURVEY TYPE:                                                Magnetic
COMM AREA NAME:                                            Serpentine Ridge
COMM STATE:                                                           TAS
COMM COUNTRY:                                                   Australia
COMM SURVEY FLOWN:                                  09/04 to 13/04 2005
COMM LOCATED DATA CREATED:                                  27/04/2005
COMM
COMM DATUM:                                                         WGS84
COMM PROJECTION:                                                      UTM
COMM ZONE:                                                             55
COMM
COMM SURVEY SPECIFICATIONS
COMM
COMM TRAVERSE LINE SPACING:                                           50 m
COMM TRAVERSE LINE DIRECTION:                                045 - 225 deg
COMM TIE LINE SPACING:                                               500 m
COMM TIE LINE DIRECTION:                                     135 - 315 deg
COMM NOMINAL TERRAIN CLEARANCE:                                       50 m
COMM FINAL LINE KILOMETRES:                                         919 km
COMM
COMM LINE NUMBERING
COMM
COMM TRAVERSE LINE NUMBERS:                                  10001 - 10272
COMM TIE LINE NUMBERS:                                       19001 - 19013
COMM
COMM AREA BOUNDARY
COMM
COMM 363596.4375      5389240.0000
COMM 364436.9063      5386607.5000
COMM 365463.7500      5384125.0000
COMM 370085.0000      5377598.0000
COMM 368192.0000      5375741.0000
COMM 366881.9063      5376625.5000
COMM 363768.7813      5382451.0000
COMM 361040.0000      5385671.5000
COMM 361040.0000      5387780.5000
COMM 362489.4375      5389240.0000
COMM
COMM SURVEY EQUIPMENT
COMM
COMM AIRCRAFT:                                                     VH-JWF
COMM
COMM MAGNETOMETER:                                          Geometrics-822a
COMM INSTALLATION:                                                 Stinger
COMM RESOLUTION:                                                 0.001 nT
COMM RECORDING INTERVAL:                                            0.1 s
COMM
COMM RADAR ALTIMETER:                                         Collins ALT50
COMM RECORDING INTERVAL:                                            1.0 s
COMM
COMM NAVIGATION:                                 real-time differential GPS
COMM RECORDING INTERVAL:                                            1.0 s
COMM
COMM ACQUISITION SYSTEM:                                        Fugro DAS
COMM
COMM BASE MAGNETOMETER:                                       Geometrics-856
COMM RECORDING INTERVAL:                                            5 s
COMM
COMM DATA PROCESSING
COMM
```

```
COMM
COMM MAGNETIC DATA
COMM DIURNAL CORRECTION APPLIED                          base value 61960 nT
COMM PARALLAX CORRECTION APPLIED                                   0.06 s
COMM IGRF CORRECTION APPLIED                             base value 61900 nT
COMM IGRF MODEL 2000 extrapolated to                              April 2005
COMM DATA HAVE BEEN HEIGHT CORRECTED
COMM DATA HAVE BEEN MICROLEVELLED
COMM
COMM
COMM DIGITAL TERRAIN DATA
COMM DTM CALCULATED [DTM = GPS ALTITUDE – (RADAR ALTITUDE + SENSOR SEPARATION)]
COMM DATA CORRECTED TO AUSTRALIAN HEIGHT DATUM
COMM DATA HAVE BEEN MICROLEVELLED
COMM ------------------------------------------------------------------------
COMM The accuracy of the elevation calculation is directly dependent on
COMM the accuracy of the two input parameters, radar altitude and GPS
COMM altitude.  The radar altitude value may be erroneous in areas of heavy
COMM tree cover, where the altimeter reflects the distance to the tree
COMM canopy rather than the ground.  The GPS altitude value is primarily
COMM dependent on the number of available satellites. Although
COMM post-processing of GPS data will yield X and Y accuracies in the
COMM order of 1-2 metres, the accuracy of the altitude value is usually
COMM much less, sometimes in the ±5 metre range.  Further inaccuracies
COMM may be introduced during the interpolation and gridding process.
COMM Because of the inherent inaccuracies of this method, no guarantee is
COMM made or implied that the information displayed is a true
COMM representation of the height above sea level.  Although this product
COMM may be of some use as a general reference,
COMM THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.
COMM ------------------------------------------------------------------------
COMM
COMM
COMM LINE DATA FORMAT
COMM A space is left between fixed fields so that a field of, for example,
COMM A8 should only ever have a maximum of 7 characters in it, even when it
COMM is a null, thus:
COMM
COMM FIELD                      UNITS           NULL               FORMAT
COMM Line Number                                -9999.9            F5.1
COMM Flight Number                              -99                I4
COMM Date (yyyymmdd)                            -9999999           I9
COMM Fiducial Number                            -999999            I8
COMM Time (local)                s              -9999.9            F8.1
COMM Easting                     m              -99999.99          F10.2
COMM Northing                    m              -999999.99         F11.2
COMM Longitude                   deg            -999.9999999       F13.7
COMM Latitude                    deg            -99.9999999        F12.7
COMM GPS Altitude                m              -999.99            F8.2
COMM Radar Altitude              m              -999.99            F8.2
COMM Compensated TMI             nT             -99999.99          F10.2
COMM Diurnal                     nT             -9999.99           F9.2
COMM Final TMI                   nT             -99999.99          F10.2
COMM Digital Elevation Model     m              -999.99            F8.2
```

APPENDIX III – List Of All Supplied Data

Final Located Data

- 0.1 second magnetics and digital elevation data

Final located data is in ASCII format. Contents are shown in Appendix II.

Final Products

Final gridded data was produced in ERMapper format WGS84 UTM Zone 55.

- Total Magnetic Intensity (TMI)
- Digital Elevation Model (DEM)