



Adamus Resources Limited

ACN 094 543 389

**Exploration Report 2007
Exploration Licence 18/2002
Serpentine Ridge
NW Tasmania**

Draft

**Compiled by
Gary Brabham
December 2007**

**Adamus Resources Limited
Level 2, 45 Richardson Street
PO Box 568
West Perth
Western Australia 6872**

Summary

Exploration Licence 18/EL2002 was granted to Adamus Resources Limited for 5 years commencing 29 November 2002. The property is located in western Tasmania, covering two fault-bounded Cambrian layered ultramafic bodies: the Wilson River and the Huskisson River ultramafic complexes. The northern part of the Wilson River Ultramafic Complex is intruded by the Devonian Meredith Granite. Principal target commodities are Ni and PGMs; secondary targets are Sn-Sn and Cu-Pb-Zn skarn mineralisation. The area is regarded as prospective for Auebury-type Ni-sulphide skarns associated with the Meredith Granite.

Exploration targeting is hindered by a complex surface geochemistry regime due to scattered occurrences of nickeliferous laterite and widespread relict goethitic soil. Soils on the Wilson River Ultramafic Complex commonly assay over 0.3% Ni and locally over 0.5% Ni, reflecting high levels of nickel in silicate minerals. Nevertheless, soil sampling with assaying for a number of pathfinder elements is regarded as the most reliable direct exploration technique and a substantial program of soil sampling was completed during 2007.

A 400m grid with a sample interval of 50m was completed over the majority of the Wilson and Huskisson Ultramafic complexes. The grid was closed up to 200m line spacing over a previously identified electromagnetic anomaly on the north-western flank of Websterite Hill.

Forty-six lines were completed for a total of 526 samples over the Wilson River Ultramafic Complex, with sampling focussed on the faulted contacts of the complex. There was over 25 km of sample lines cut with an estimated 10 km of baselines also cut. Fourteen lines were cut for approximately 267 samples over 22.5 km over the Huskisson River Ultramafic Complex, with a further 7 km of baseline also cut.

Soil samples were assayed for Au, Ag, Cu, Pb, Zn, Ni, Co, Pt, Pd, Cr, Fe, Mg, Mo, Sb, Sn, W, Bi and S and pH was also determined for a number of samples.

On the Wilson River complex, soil geochemistry reveals

Over the Huskisson River area, soil sampling has outlined

Adamus Resources has applied for a one year extension to the term of the exploration licence in order to undertake follow-up exploration proposed for targets outlined by the 2007 work. Proposed work includes

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Appendices

Appendix 1. Genalysis Laboratory Services Soil Sample Assay Reports
Appendix 2. Digital Data

1. Introduction

1.1 Location and Access

Exploration Licence 18/2002 is located in western Tasmania, a few kilometres west of the town of Rosebery and north of the Renison Bell tin mine (Figure 1). The licence lies on the Pieman 1:100,000 map sheet, and currently comprises an area of 97 km². Topography is moderately to extremely rugged; notable topographic features include Serpentine Ridge, Websterite Hill and parts of the Wilson and Huskisson River catchments. The bitumen HEC Pieman Road traverses the south-western part of EL18/2002 and access to the north-eastern part is via the unsealed Boco railway siding and forestry tracks. Access to the north-western part of the licence is limited to foot or helicopter. Principal land uses include State Forest, Regional Reserve, and Forest Reserve.

1.2 Tenure

EL 18/2002 was granted to Adamus Resources Limited on 29/11/2002 for a period of five years. The tenement originally covered an area of 137 km²; 40 km² was relinquished at 29/11/2004, leaving the current holding of 97 km².

1.3 Conventions

All locations quoted in this report are metric eastings and northings in AMG Zone 55 of the AGD66 geodetic datum.

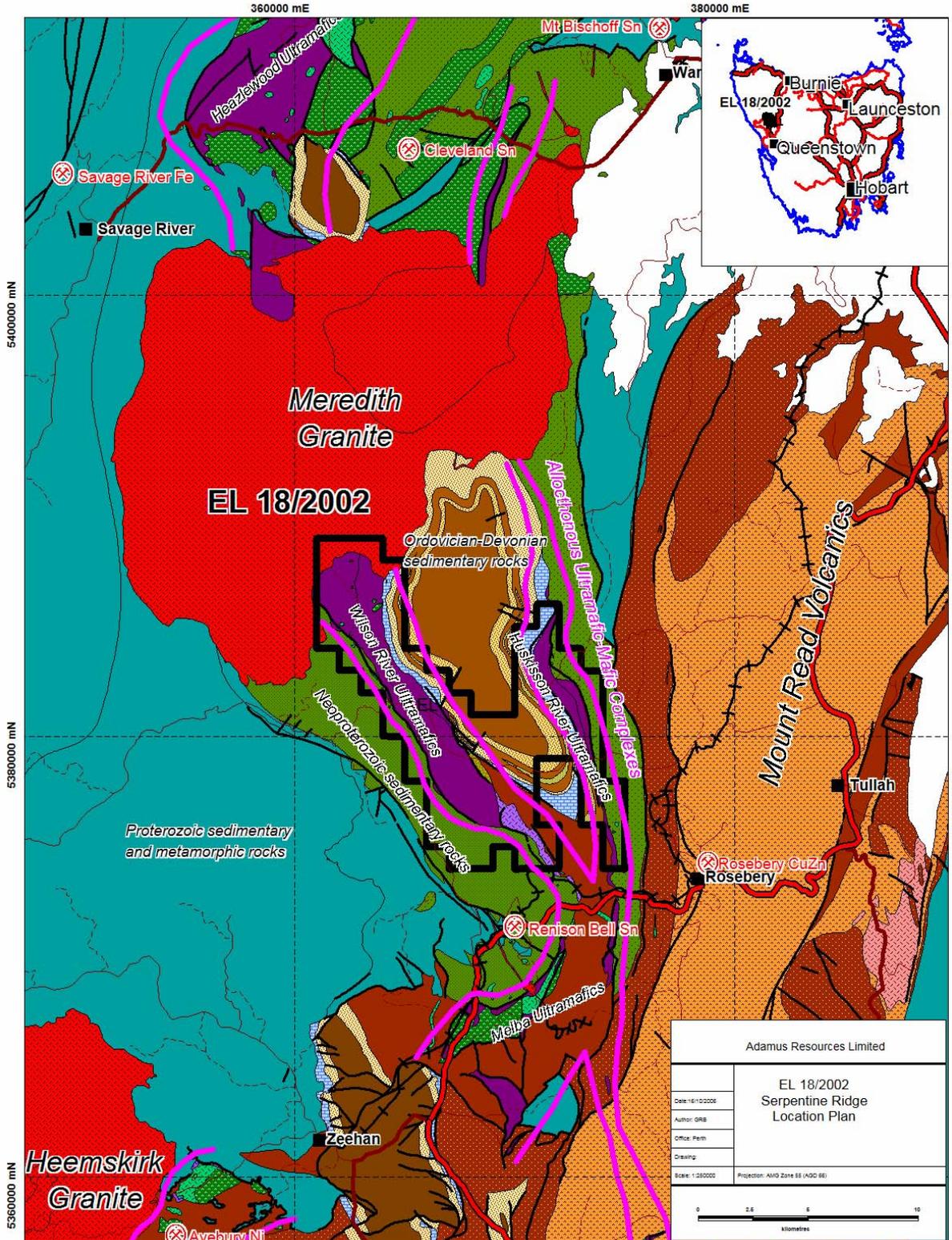


Figure 1: EL 18/2002 location plan

2. Mining and Exploration History

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 mineralisation, 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, about 120 km to the southeast, and much of the rest from the Heazlewood-Bald Hill area near Waratah approximately 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 in serpentinite basement in the Riley Creek area, 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 chromites indicate highly anomalous PGM levels (Brown 1986).

There was minor alluvial tin and gold production from the Wilson and Huskisson valleys and during the 1970's and 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 north-eastern 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, seven 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 an 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 gold (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 south-western flank of Serpentine Ridge, in the area that was the focus of the historic osmiridium workings. While the chromite is premium quality (>60% Cr₂O₃) the Callina resource is 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.

Comstaff Proprietary Ltd (Australian Anglo American Ltd) held the Huskisson part of the tenement from 1968 through to at least 1977. They completed stream sediment and soil sampled on three grids but found nothing significant. A separate grid, the “Huskisson Grid” returned a Ni, Co anomaly. Trenching and rock chip sampling returned lesser values which were attributed to surface leaching and biochemical enrichment of the overlying soils. Comstaff drilled a 183m diamond drill hole (DDH-1) with an azimuth of 240° and dip of -50°. The drill hole was targeting the centre of the largest geochemical anomaly as well as the serpentinite contact. It was hoped it would intercept nickel mineralisation within shear zones parallel to the contact. During site preparation for the drill site “gossanous” material was exposed at the Serpentine contact over some 10m either side. Grab sample results included:

Co	10,000 ppm
Ni	6,000 ppm
Cr	2,500 ppm
Mn	10,000 ppm

The drill hole intersected mafic tuffs, gabbros or dolerites and black siltstones as well as the serpentinite at depth. Results were disappointing. The “gossanous” material at surface was thus thought to be a relict ferricrete with manganese acting as a scavenger for the other elements.

A separate anomalous area was located east of the Huskisson River, drained by “Con Creek”. Comstaff named the area FAH grid (Report 77-1202). There is no such creek registered in Tasmania. It appears “Con” was a nickname for John Lynch, a local prospector, and that Con Creek is actually John Lynch Creek. It was initially picked up by an airborne electromagnetic survey which highlighted three anomalies, 400m apart in 1975. One hundred and thirty-three soil samples were collected in 1976 with an anomalous zone in lead and zinc outlined. A ground EM survey and magnetic survey was then carried out. Two costeans were constructed for 240m. The geophysical and geochemical anomalism was found to be associated with pyritic graphitic shale.

3. Regional 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 north-western and western Tasmania. The WRUC is one of the largest exposed ultramafic bodies in the Dundas Trough at ca. 25 km² (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 km²) 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. Discontinuous 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, unroofed 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 volcanics 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-emplacment 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 fluvio-glacial 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. Previous Exploration by Adamus

4.1 Year 1 - 2003

A literature review and database compilation was completed during this period. A summary can be found in Owen (2003)

4.2 Year 2 - 2004

A summary of work completed in 2004 and the resultant data can be found in Owen (2004).

Field work comprised a stream sediment sampling programme including 125 panned concentrates and 21 bulk sieved stream sediment samples covering the Serpentine Ridge area south of the Wilson River. All samples were analysed for low-level Au, Pt and Pd, and Cr, Cu, Ni and S. Six Au and PGE anomalous samples were resubmitted for follow-up screen fire assay. A selection of rock chip samples was also collected. An additional 80 stream sediment samples were planned for the WRUC area north of the Wilson River, but poor weather curtailed the field program.

Following evaluation of the 2004 results approximately 40 km² of EL18/2002 was identified as non-prospective and marked for release.

4.3 Year 3 - 2005

A summary of work completed in 2005 and the resultant data can be found in Owen (2005). Work included:

- 919 line kilometres of heliborne magnetic surveying, flown on 50 metre flight line spacing 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 in order to evaluate the detrital chromite potential.

4.4 Year 4 - 2006

A report of work completed in 2006 can be found in Brabham (2006). Exploration work included:

- Processing of MRT HEM data that covers the northern part of the Wilson River Ultramafic Complex and its contact with the Meredith Granite, to produce a series of GIS images. The EM data assisted with geological interpretation and highlighted a conductor anomaly in the Harman River area that was highlighted for ground follow-up.
- Rock-chip sampling at 33 locations throughout the Wilson River Ultramafic Complex to follow up results of the 2005 orientation soil sampling program and features highlighted by the detailed airborne magnetic survey conducted in 2005.

5. 2007 Exploration by Adamus

5.1 Planned Program

Adamus' main target on the Serpentine Ridge EL is Aveybury-type Ni-skarn mineralisation hosted by serpentinites of the WRUC and HRUC, or immediately adjacent sedimentary rocks. The magnetite-rich portions of the ultramafic bodies, and their faulted contacts with surrounding rocks, are considered most prospective.

Using published geology and aeromagnetics, a grid of 400m spaced soil sampling lines trending 220° was proposed for the margins of the WRUC (Figure 2). Line spacing was closed up to 200m over the HEM conductor in the Harman River area.

On the HRUC, 400m spaced east-west sampling lines were planned to traverse the entire exposure of serpentinites.

Generalised regolith maps of both areas, based on published geological maps, were used to guide placement of lines and their extents, attempting to avoid areas of glacial terraces and/or thick transported laterite.

A further four east-west trending sample lines were proposed to cover the skarn in the Little Wilson River area. The Little Wilson skarn is a distinctive magnetic feature hosted by limestone immediately east of the WRUC and south of the Meredith Granite. It is considered prospective for Sn, W, Au, and possibly Ni.

5.2 Work Program Approvals

Proposals for the 2007 work program were submitted to MRT (Mineral Resources Tasmania) in November 2007. Approval was granted in February 2008 subject to several conditions imposed by the Resource Management and Conservation Department of DPIW Tasmania. Primary concerns were the supposedly large strands of endangered Huon Pine, particularly on Websterite Hill, and the presence of the threatened species *Micrantheum serpentinum*. *M. serpentinum* is a small twiggy shrub which can grow to 1.5 m. It can be difficult to distinguish from other very similar plants that occur in the same vicinity. It has clusters of small cream flowers in spring. It only occurs on serpentinite rocks in north-western Tasmania.

Adamus Resources contracted a Tasmanian botanist (P. Milner) to provide a vegetation survey and assessment of the areas of concern, and to provide recommendations for an environmental management plan for the proposed field work. He also looked for field evidence of *Phytophthora* infestation. Milner's report concluded:

- *Micrantheum serpentinum* is more prevalent on the serpentinites within the study area than is indicated by the DPIW database. It was found *M. Serpentinum* was generally the first colonising species on areas of disturbed serpentine, such as disused forestry tracks. On advice from the Conservation Department and MRT, Adamus applied for a "permit to take" *M. Serpentinum* to cover the possibility of accidental damage to individuals by foot traffic during exploration sampling. A permit was issued by DPIW on 1st March 2007.

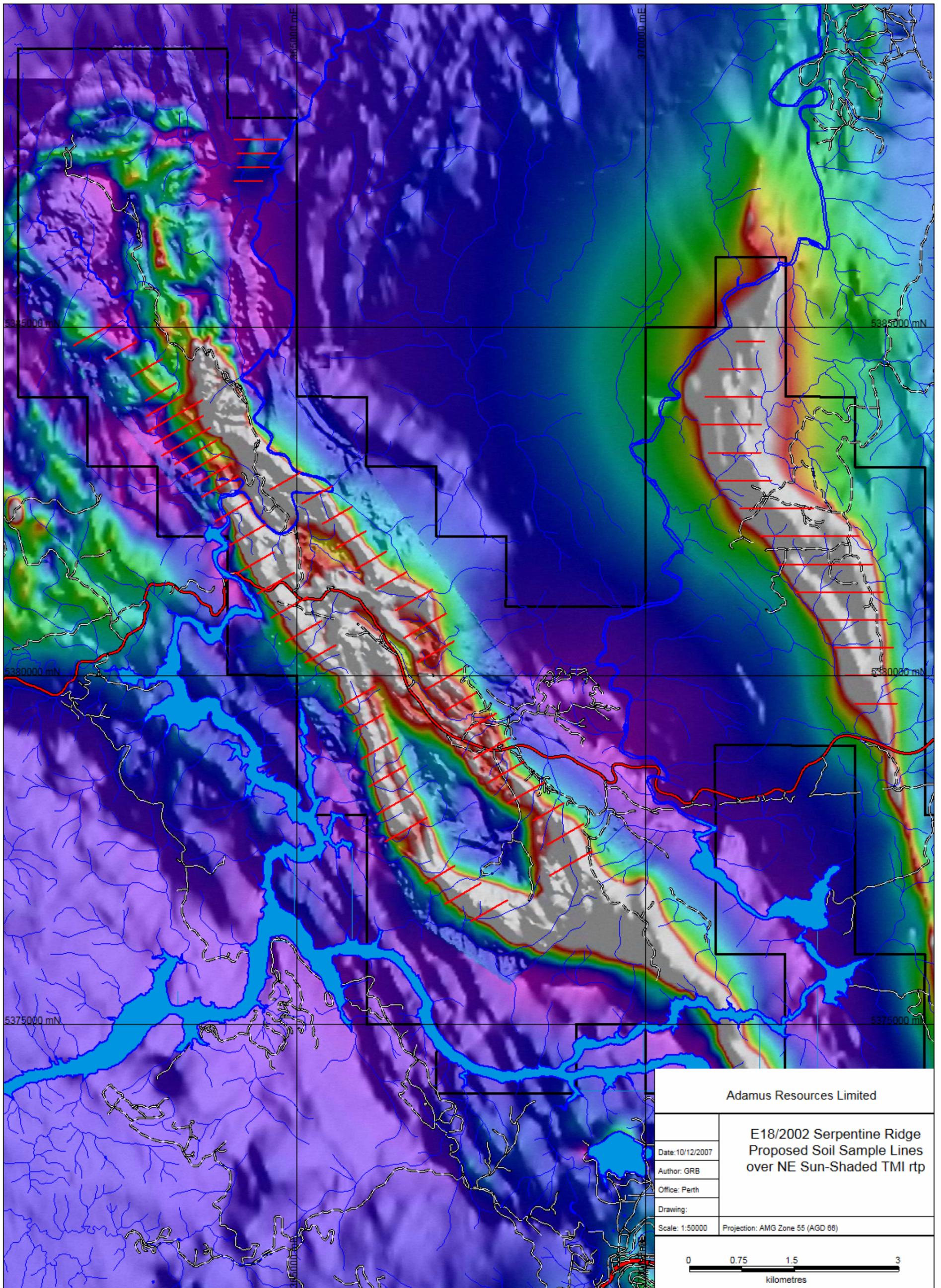


Figure 2: Proposed 2007 soil sample lines

- Communities of *Lagarostrobos franklinii* (Huon Pine) occur in a number of locations along the Wilson River and north-west of Websterite Hill. Small groups were found to occur only in the riparian environment (i.e. the interface between perennial rivers and their banks). The large stands listed by DPIW at Websterite Hill and the mouth of Limestone Creek were found not to exist. One solitary, immature plant was found in the Limestone Creek area outside the riparian zone.
- Precautions should be taken against spread of Phytophthora.

Environmental management procedures implemented and maintained during the 2007 field work program included:

- A treatment / control / hygiene station was maintained where the 4WD Harman River track begins at the Pieman Road. All walking boots and vehicle tyres were sprayed before entering the area to prevent spread of Phytophthora.
- All field crew were trained to recognise endangered species *M. Serpentinum* and Huon Pine.
- Access tracks and baselines were cut to a maximum width of 1 metre. Sample cross-lines were generally cut to 0.75 metre width and unnecessary damage to vegetation was avoided.
- At points at which foot-tracks intersected public roads, best efforts were made to keep such access points discrete and unmarked.
- No permanent markers or flagging were left.
- Fire extinguishers were mandatory whenever chainsaws were in use.
- Vigilance was maintained for Wedge-tailed eagle nesting locations. None were observed.
- All rubbish was carried out.

5.3 Health and Safety

The prospect is in part isolated and rugged. Vegetation hinders access in most areas, ranging from open rainforest through to ti-tree and cutting grass in lower swampy areas (typically over serpentinite) through to true horizontal scrub which is impenetrable without a chain saw. Large numbers of European wasps, snakes and leeches pose hazards.

All personnel were equipped with appropriate protective equipment, including chainsaw proof trousers for chainsaw operators, and always worked in pairs. Each pair carried a first aid kit, EPIRB and two-way radio. All 4WD quad bike operators were professionally certified before operating on the tenement. All track cutting personnel were professionally trained in chainsaw use and, at any one time, only one chain saw was in operation with any two working pairs.

5.4 Access

5.4.1 Wilson River Grid

Access to the Wilson River Ultramafics area was via from the sealed Pieman Road (HEC). The area *north* of the Wilson River was accessed by driving to the river crossing via the old Renison Track and then by foot. The *eastern* lines were accessed either by the above through to the Limestone Creek baseline or via the North Merton Road (gravel). The *western* lines were accessed generally by the South Merton road (gate locked by Forestry Tasmania) or directly from the Pieman Road.

The Wilson Creek area can be divided into three parts:

- 1) The Wilson Creek area north of the Wilson Creek grid crossing (Lines 21A- 33). This area is extremely rugged and isolated. Slopes of up to 60° were recorded making track cutting and sampling both particularly slow and difficult. A base line was constructed utilising the first kilometre or so of the old Renison track. Parts of the base line were so steep that rope ladders had to be installed. A 200m by 50m grid was established over the area highlighted by HEM on the north-western Wilson area.
- 2) The area on the eastern flank of the Wilson Creek serpentinite (Lines 6-20). These lines were typically easy to access using existing forest tracks and minimal base lines. Line 19- 20 were accessed using a dinghy launched from the Wilson River Bridge.
- 3) The western flank of the Wilson Creek serpentinite (Lines 1-5, Line 33-45) run up Limestone Creek through to MacArthur Creek. Lines 1-5, and 42- 45 were accessed using the HEC power line access tracks. A baseline was constructed from Limestone Creek (Line 33 through to Line 41) through to where it meets the HEC power line maintenance track.

5.4.2 Huskisson River Grid

The Huskisson Ultramafics area was accessed via the Boco railway siding approximately half-way between Tullah and Waratah. Access on the prospect was by Forestry and old exploration tracks.

The Huskisson area can be divided into two parts divided by John Lynch Creek:

- 1) Huskisson South (Lines 50- 58) area is relatively flat and is dominated by a ridge running north-south, dipping moderately to steeply to the south. An old bulldozed track (presumably Comstaff's) was refurbished with chain-saws allowing 4WD quad bike access. The use of quads proved very effective for quick and semi-all weather access. The sample lines are reasonably flat compared to the rest of the tenement.
- 2) Huskisson North (Lines 59-63) lie over significantly more rugged terrain and there are no pre-existing tracks. Some areas had to be accessed by rope ladders (e.g. Line 58) due to the steep terrain. A baseline for access by foot was cut from Line 58 through to Line 63 up the ridge line.

5.4.3 Little Wilson Area

The area was visited by helicopter, landing in a swampy button grass clearing. The area proposed for soil sampling was found to be dominated by button grass with quartzite on the hills to the south and granite on the steeper hills to the north. No limestone or

marble was found and it thought likely that limestone outcrops approximately 500 metres south of the proposed sampling area. There, horizontal scrub prevented ready access for sampling and the proposed program was abandoned.

5.5 Survey

Sample lines were chainsaw cut with minimum disturbance, with operators instructed to cut only enough vegetation to allow personnel to walk through unheeded, typically a swathe of 30-40cm. Pre-existing tracks were used wherever possible. Damage to larger vegetation was avoided wherever possible. No cutting was done near creeks to eliminate any possibility of damaging Huon Pine. Baselines were cut to 70cm-1m wide given the greater traffic on them.

One each sampling line, sampling was carried out consistently from east to west to minimise errors. GPS coverage was found to be inconsistent and time consuming and so reliance was placed on the use of a hip and chain and compass, with allowance for slope distance, from a reliable GPS-located start point at the eastern end of each line. GPS readings were taken from most sample points but accuracy was normally +/- 20m. Field notes recorded notable features, e.g. ridge tops or creek crossings, to better tie in actual sample locations. Where possible, sample positions logged in the database were adjusted using such observations.

5.6 Soil Sampling

5.6.1 Procedure

Sample sites were selected based on field conditions, normally targeting areas of less dense vegetation. Ex-tree hollows were utilised where they exist. Button grass and alluvial flats were avoided wherever possible.

At each sample site, an area approximately 30cm by 30 cm was cleared of leaf litter. Most locations featured an 5-10cm A-horizon of organic material that was removed, normally by rolling back. The underlying B-horizon soil was then passed through a coarse (approx 10mm) sieve to remove large rock fragments. Two samples, each of approximately 250g, were collected from each site and placed in kraft paper packets.

Trained field personnel took notes to record sample location, soil dampness, colour, soil type, presence and type of rock fragments, float or subcrop, and vegetation type.

5.6.2 Assays

Soil samples from the 2007 program were assayed at the Genaylsis Laboratory in Maddington, Perth, by aqua regia digest (code B/T) for Au, Ag, As, Bi, Co, Mo, Pd, Pt, Sb, Sn and W by ICP mass spectrometry (ICPMS) and for Cr, Cu, Fe, Mg, Ni, Pb, S and Zn by ICP optical emission spectrometry (ICPOES). Assay certificates are provided in Appendix 1.

5.7 Sample Line Descriptions

5.7.1 Wilson River Grid

Lines 43 to 5

Overall the rocks are serpentinite to the west and a normally coarse, quartz sandstone to the east. The quartz sandstone is moderately silicified in the old Adit One at Merton Hill. A small adit was found near the start of Line 43 into kaolinitic weathered quartzite. It appears this adit was to test for northern extensions to the mineralisation in Adits One and Two. Sampling was extended further to the east in an attempt to include the nearby limestone member.

“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.” (EL18-2002 annual 2005 report by S.Owen.)

A new sample line (Line 43.5) was completed to allow comparisons with previous soil sampling programmes over the known Merton Hill mineralisation.

Lines 6 - 14

These lines typically have little outcrop outside the serpentinite. The serpentinite / sediment contact is generally masked by a lateritic layer and is often pisolitic. Only very minor volcanics were observed. Forestry road cuts show the pisolitic layer is up to 1.5 m deep. Some old, shallow, adits were observed on the western margin of the contact, presumably looking for osmiridium.

Line 15 – 20

Rocks in the southern part of this area did not feature any discernable alteration and rock chip samples of quartz float did not return any significant assays. Line 20 has an approximately 50 metre wide zone of indurated, siliceous, haematitic breccia just to the west of the serpentinite / sediment contact which follows the ridge line. The alteration extends to the banks of Wilson River / Pieman Lake. Rock chip samples did not show any elevated metal contents.

Lines 21 to 32

The lines, from east to west, typically commence in skeletal soils over serpentinite. The western contact of the ultramafic rocks is often obscured with lateritic soils and soils commonly contain significant amounts of charcoal. The western lithologies are dominated by weathered siltstones. Black shales with a highly variable induration were also observed. One sample of friable, black shale featuring approximately 10 per cent primary pyrite was taken along the baseline between Lines 28 and 29. The area also features subordinate dolerites and lesser gabbros, the gabbros ranging from fine grained through to

course. Pyrite alteration was found at several locations near the eastern margins of the volcanics but did not return any significant metal anomalies.

The lower east ends of lines 22 to 24 appear to occur on an alluvial terrace (glacial?) with serpentinite dominant but also often rounded dolerite boulders. This abruptly changes with a very steep hill (Websterite Hill) accessing lines to the north.

Significant silica and iron alteration was observed at the western ends of lines 22 and 23. Line 23 was extended 100 metres west to cross this area and line 22 was similarly extended 150 metres. Altered float occurs over some 60 of strike. A black, siliceous ?sediment containing disseminated pyrite and pyrrhotite was observed running approx N-S from lines 26 and 27.

Lines 33- 39

These lines follow Limestone Creek. The area is dominated by skeletal soils over serpentinite in the west and a dark, indurated, well bedded, silty calcarenite in the east, typically outcropping in Limestone Creek. A weathered siltstone was observed in places between the two units. The junction of Limestone Creek and the Wilson River features a bar of limestone jutting out into Wilson Creek. To the east of this bar is a friable unit at least 15m wide of bedded clays and siltstones, in places carbonaceous. This unit is interpreted to be a mylonitised limestone representing a significant fault.

Line 40

Quartz breccia boulder float with angular serpentinite clasts to 10 mm were located in a small creek near the crest between Limestone and MacArthur Creeks. The area probably drains into Sandstone Creek. No outcrop could be located. Rock chip samples did not return any significant assay results.

5.7.2 Huskisson Ultramafic Belt

Overall, the sequence is a mirror image of the western Wilson River Ultramafic Complex. The eastern contact between sediments/volcanics and serpentinite is generally well defined by outcrop and flora changes. The area is typically moderately rugged and the serpentinite forms a distinct ridge commonly featuring skeletal soils. The western contact is much more subdued and normally covered by alluvium or glacial deposits.

Several rock chip samples taken on and around John Lynch Creek did not return any assays of significance.

6. Results and Discussion

6.1 Soil Geochemistry Data and Plots

The 1:25,000 scale plans accompanying this report display 2007 soil sample locations colour coded by assays for each of the elements assayed. The colour coding scheme applied to each element is based on thresholds selected at the 30th, 50th, 70th and 90th percentiles of the grade distribution for that particular element. The upper bound of the uppermost bin, shown in the legend on each plot, is the maximum assay for the respective element from all samples in the 2007 sampling program.

Sample locations, descriptions and assays are provided in digital form in Appendix 2.

6.2 Soil pH

Soil pH shows an excellent correlation with the contact between ultramafic rocks and sediments. Soils over ultramafic rocks typically show pH's in excess of 5 while those over sedimentary rocks are normally lower. Together with ground observations, pH values show that the geological contacts on published maps are within 50 m of actual contacts. Based on soil pH's, Lines 31 and 32 at the north-western extremity of the Wilson River grid, may not have covered the ultramafic rocks.

6.3 Gold and Silver Soil Geochemistry

6.4 Copper, Lead, Zinc Soil Geochemistry

6.5 Nickel and Cobalt Soil Geochemistry

6.6 Tin, Tungsten, Antimony Soil Geochemistry

6.7 Harman River HEM Anomaly

The HEM anomaly is thought to represent the pyritic black shale that was found in float in the area north of Harman Falls. The unit is possibly preferentially weathered, enhancing its EM response. This would agree with observations on the Con Creek area (John Lynch Creek) by Comstaff.

7. Expenditure

Cumulative expenditure on EL18/2002 to 31 December 2006 by Adamus Resources, as per the Form E6 dated 8 January 2007, was \$291,746. Expenditure from 1 January 2007 to 30 November 2007, and total expenditure over the life of the tenement, is listed in Table 1.

Item	\$
Total Expenditure 2002	35
Total Expenditure 2003	9,567
Total Expenditure 2004	82,396
Total Expenditure 2005	170,996
Total Expenditure 2006	28,752
Assays	
Assays	16,123
Freight	350
Storage	154
Subtotal Assays	16,627
Salaries & Consultants	
Geologist	101,087
Environment	6,660
Drafting	270
Subtotal Salaries & Consultants	108,017
Field	
Accommodation/Messing	41,909
Medical	52
Telephones/Facsimile	41
Freight	560
Field - Consumables	1,380
Field - Durables	1,989
Fuel	271
Gridding	238,818
Hire - Equipment	40,639
Hire - Vehicles	32,716
Labour	59,463
Travel	14,524
Subtotal Field	432,362
Total Expenditure 2007	557,006
Total Project Expenditure	848,752

Table 1: EL 18/2002 exploration expenditure

8. Proposed Work Program 2008

9. Bibliography

Blanks, R., 1989. Annual Report 1989/89 EL24/85 Wilson River – Riley Knob, Western Tasmania. Callina NL. Annual report to the Tasmanian Mines Department 89-3044.

Brabham, G., 2006 Exploration Report – Exploration Licence 18/2002, Serpentine Ridge, NW Tasmania. Annual technical report to Mineral Resources Tasmania.

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

Browne, C, & Richards, J., 1988. Wilson River Project: Evaluation of Database. Callina NL. Report to the Board of Directors. Unpublished report 89-2903 held by MRT.

Callina NL 1986 Technical Report, Wilson River, NW Tasmania 1986. Annual report to the Tasmanian Mines Department 87-2633.

Callina NL 1987 Annual Report 1/12/86 – 1/12/87 Wilson River Exploration Licence 24/85. Annual report to the Tasmanian Mines Department 87-2744.

Callina NL 1990. Annual Report 1/12/1989 – 1/12/1990, Exploration Licence 24/85, Wilson River. Callina NL. Annual report to the Tasmanian Mines Dept.

Creasy, M. G., 1990. John Lynch Creek Annual Report 1988/89. Annual report to the Tasmanian Mines Dept.

Davis, N., 1987. Annual Report EL14/86 Huskisson River Area Western Tasmania 1986-1987. Black Horse Mining NL. Annual report to the Tasmanian Mines Department.

Davis, N., 1988. Interim Report EL24/85 Wilson Annual Report EL14/86 Huskisson River Area Western Tasmania 1986-1987. Black Horse Mining NL. Annual report to the Tasmanian Mines Department 88-2879.

Glasson, K. R., 1969. Report on the Trinder/Camp 30 area, Exploration Licence 2/63. Aberfoyle. Annual report to the Tasmanian Mines Dept.

Hall, D. B., 1987. EL31/85 Mt Stewart. Progress Report on Exploration for the Period 23/1/1986 to 22/1/1987. Billiton Australia. Annual Report to the Tasmanian Mines Dept.

Jessup, A., & Chenhall, B., 1968. Interim report on the Camp 30 merton Area, Tasmania. Aberfoyle Tin Development Partnership. Annual report to the Tasmanian Mines Dept.

Jessup, A., 1969. Review of the summer exploration program undertaken in EL2/63, West Coast, Tasmania. Aberfoyle Ltd. Annual report to the Tasmanian Mines Dept.

Jordan, M., 1969. Camp 30 Report. EL2/1963. Aberfoyle Tin NL. Annual report for the Tasmanian Mines Dept.

King, G., 1995. Final Report EL12/94 Renison Bell, Western Tasmania. Bruce Resources NL. Final report for EL12/94 to the Tasmanian Mines Dept.

Krummei, G., 1972. EL2/63 Tasmania. End of Project Report, Wilson River – Pieman Area. Aberfoyle Ltd. Report to the Tasmanian Mines Dept.

Komyshan, P., 1985. EL2/63 and EL17/77 Mt Lindsay and Wilson River Areas Annual Report 1984-85. Gold Fields Exploration Pty Ltd. Annual report to the Tasmanian Mine Dept.

Nye, P. B., 1929. The Osmiridium Deposits of the Adamsfield District. Tasmania Department of Mines. Geological Survey Bulletin 39.

Orr, D. B., 1974. Comstaff Pty Ltd 5/63 Pieman South Summer Field Season 1973/74. Australian Anglo American Ltd.

Overton R., & Jordan, M., 1969. Report on the Geology of the Ahearne's Creek Area. EL2/1963. Foundation & Geological Services Pty Ltd for Aberfoyle Tin NL. Annual report for the Tasmanian Mines Dept.

Owen, S., 2003. 2003 Annual Report on Exploration Activities Within EL18/2002 to Mineral Resources Tasmania. Annual technical report to Mineral Resources Tasmania.

Owen, S., 2004. 2004 Annual Report on Exploration Activities Within EL18/2002 to Mineral Resources Tasmania. Annual technical report to Mineral Resources Tasmania.

Owen, S., 2005. 2005 Exploration Report – Exploration Licence 18/2002, Serpentine Ridge, NW Tasmania. Annual technical report to Mineral Resources Tasmania.

Pigott, G.F. 1977. Comstaff Proprietary Ltd Final Report on Follow Up Work on Input Anomaly FAH pp35

Poltock, R., 1989. Combined Final Report and Progress Report Twelve Months to February 1989 Mt Lindsay Exploration Licence 87/87 Tasmania. Cyprus Gold Australia Corporation. Annual & relinquishment report to the Tasmanian Mines Dept.

Poltock, R., 1989. Combined Annual and Relinquishment Report Twelve Months to January 1989 Exploration Licence 35/87 Savage River Tasmania. Cyprus Gold Australia Corporation. Annual & relinquishment report to the Tasmanian Mines Dept.

Reid, A. M., 1932. Osmiridium in Tasmania. Tasmania Department of Mines, Geological Survey Bulletin 32.

Roberts, P. A., 1985. EL2/63 Merton Hill – Alfred River Final Report. Gold Fields Exploration Pty Ltd. Final report to the Tasmanian Mine Dept.

Roberts, P. A., 1985. EL17/77 Wilson River Area, Final Report. Gold Fields Exploration Pty Ltd. Final report to the Tasmanian Mine Dept.

Roetz, M., Cameron, P., Allen, B., 1969. Geology of the Wilson River Area. EL2/1963. Aberfoyle Tin NL. Annual report for the Tasmanian Mines Dept.

Schellekens, R., 1978. Progress Report - September 1978, EL17/77 – Wilson River Area, Western Tasmania. Renison Ltd. Annual report to the Tasmanian Mines Dept.

Tester, D. K. 1970. Mt Lindsay area. A summary of Exploration Activities undertaken by the Aberfoyle Group. Annual Report for the EL2/1963 to Tasmanian Mines Dept.

Accompanying Plans

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
Soil Sample Locations
North Sheet

Date: 10/12/2007

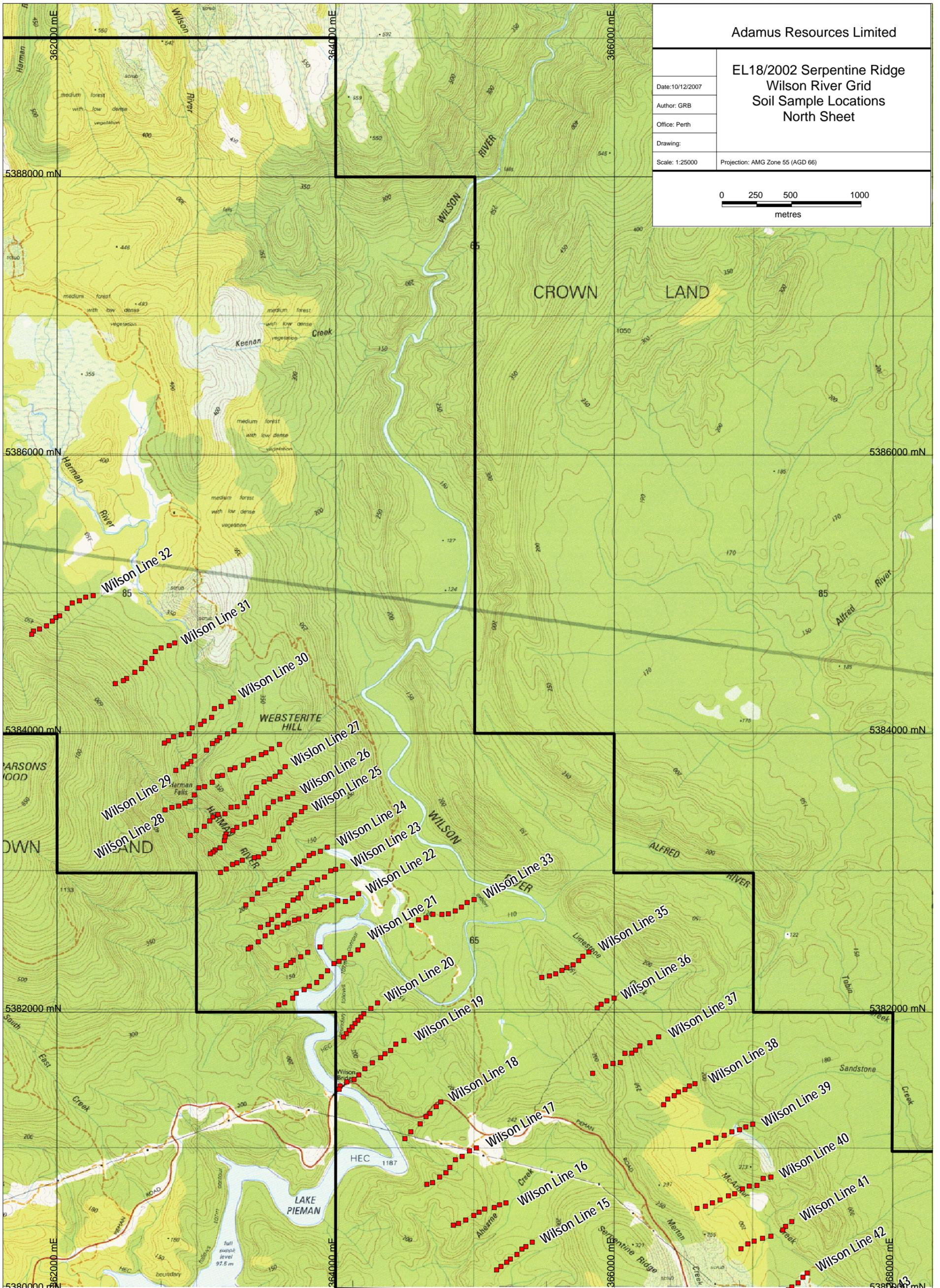
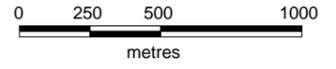
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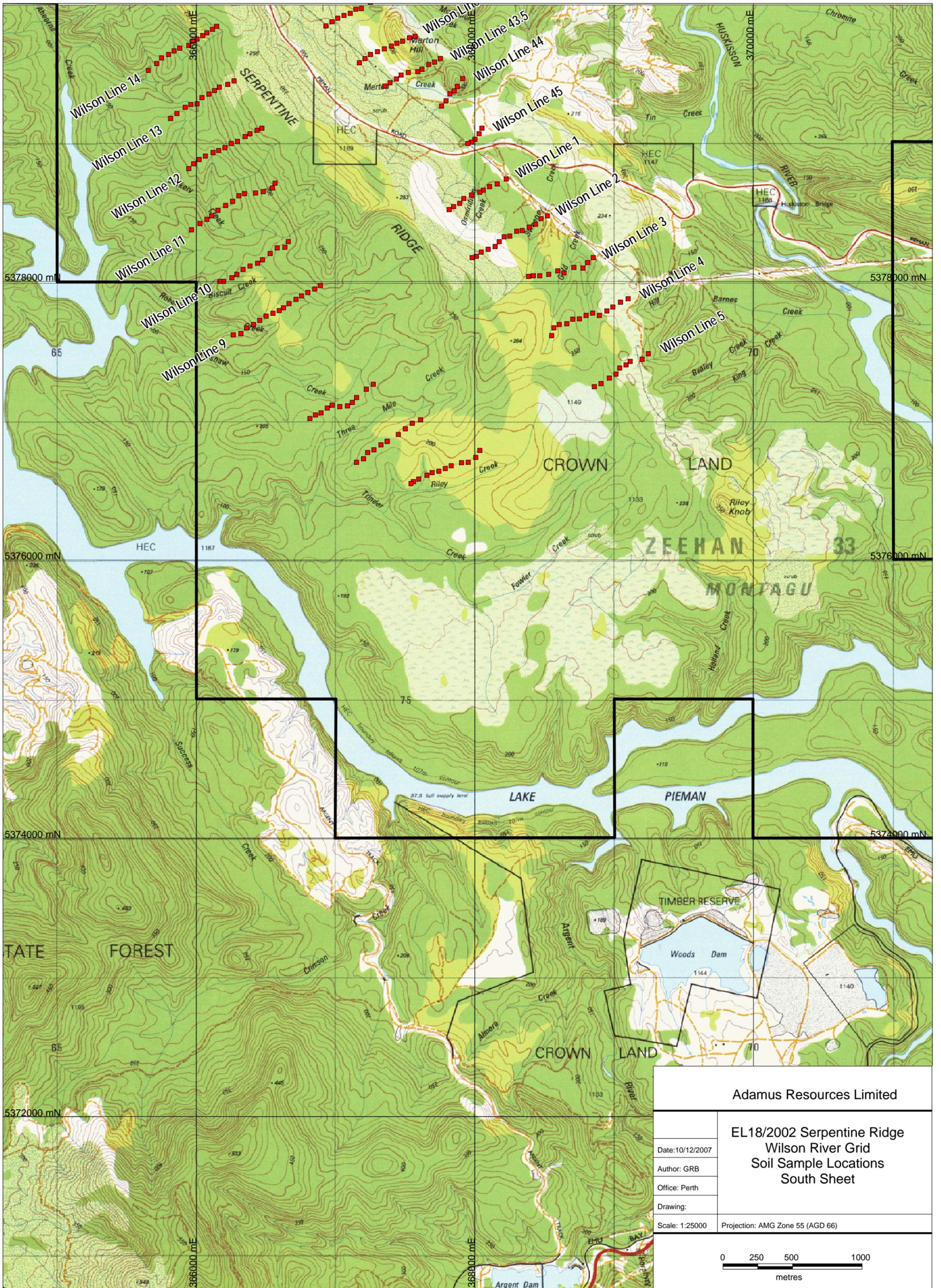
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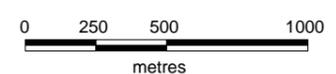
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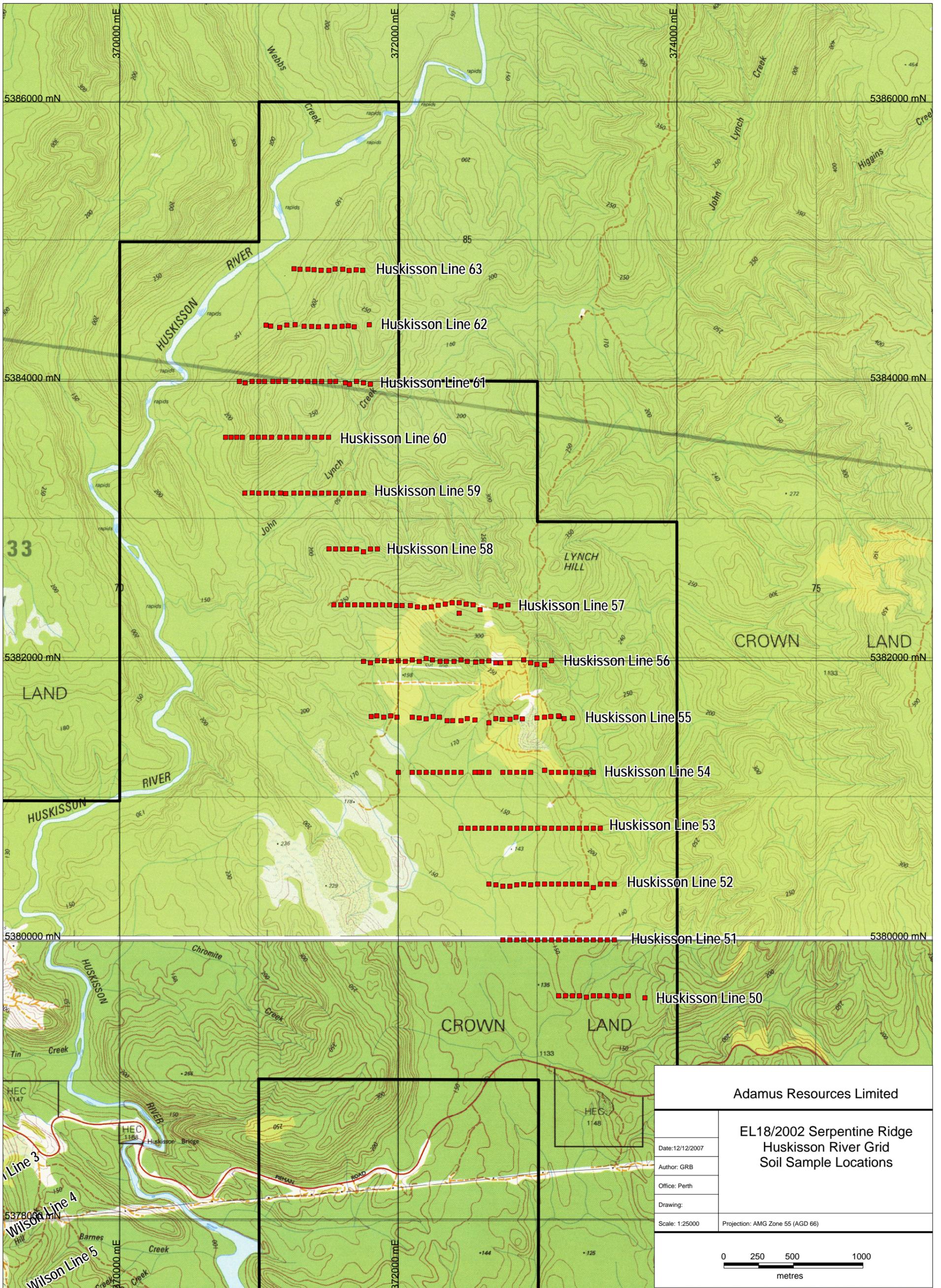
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Wilson River Grid
Soil Sample Locations
South Sheet**

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 Office: Perth
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EL18/2002 Serpentine Ridge
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Soil Sample Locations
North Sheet

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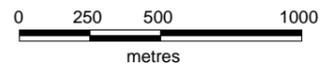
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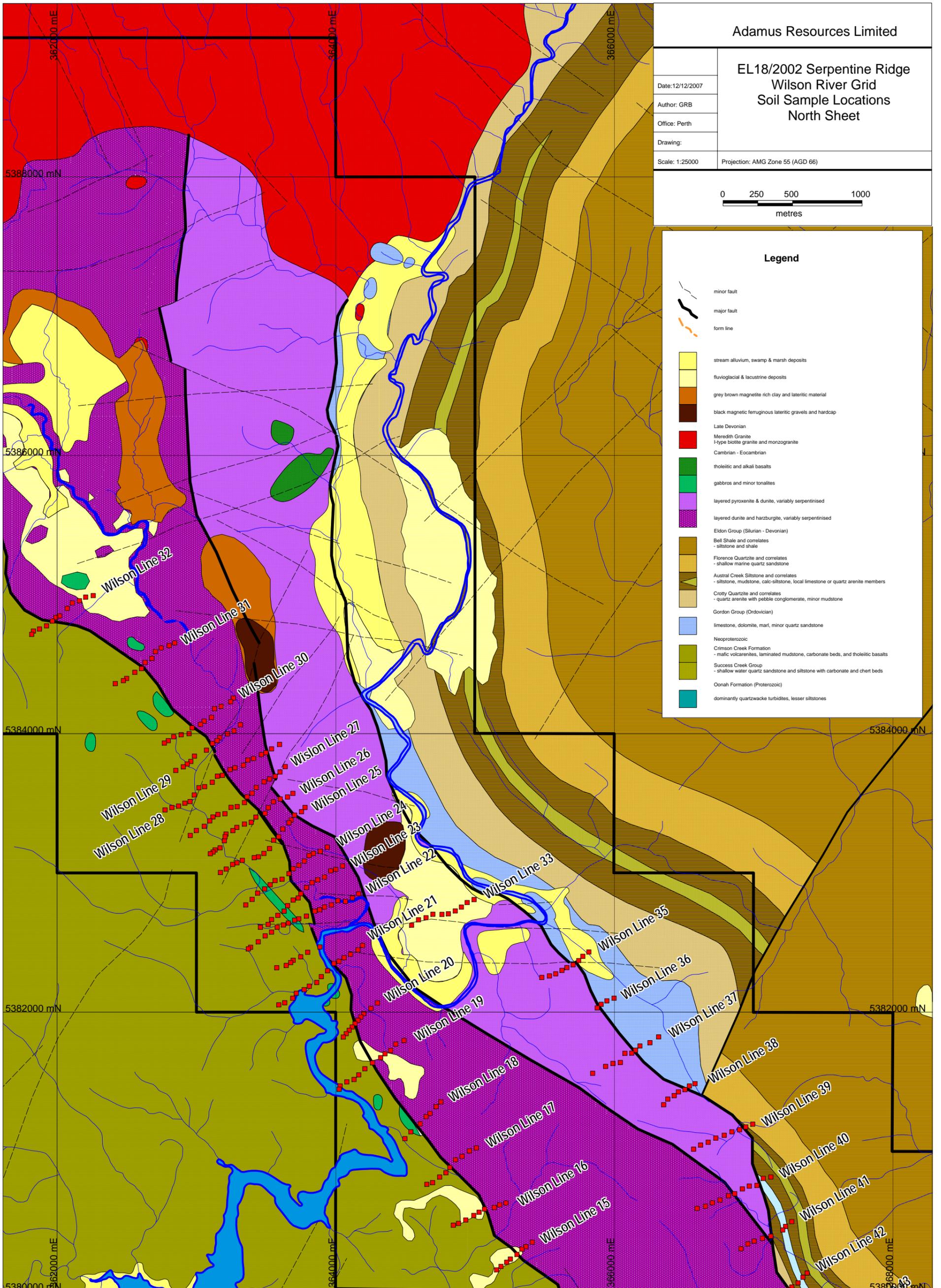
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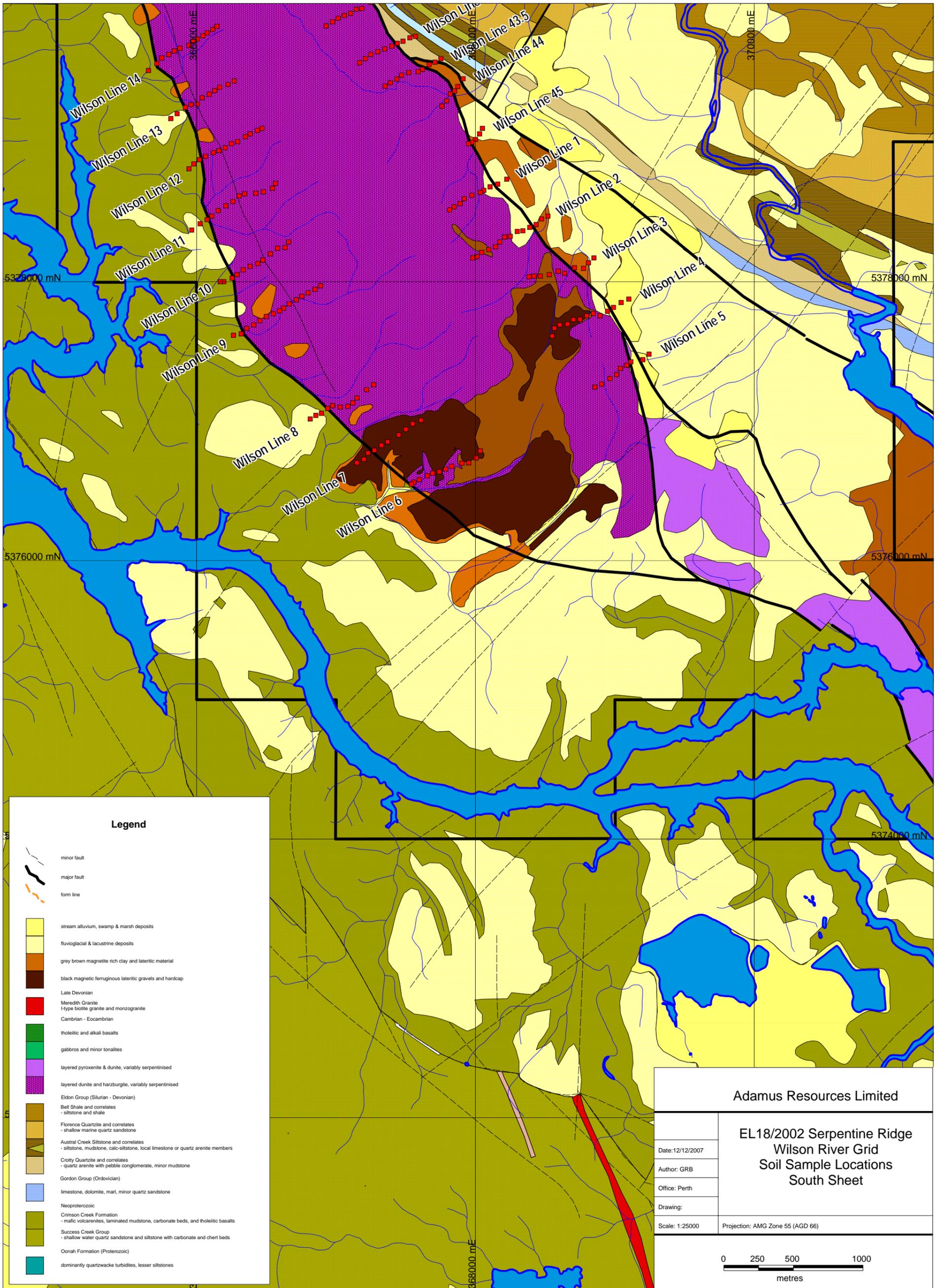
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Legend

- minor fault
- major fault
- form line
- stream alluvium, swamp & marsh deposits
- fluvio-glacial & lacustrine deposits
- grey brown magnetite rich clay and lateritic material
- black magnetic ferruginous lateritic gravels and hardcap
- Late Devonian
- Meredith Granite
- I-type biotite granite and monzogranite
- Cambrian - Eocambrian
- tholeiitic and alkali basalts
- gabbros and minor tonalites
- layered pyroxenite & dunite, variably serpentinised
- layered dunite and harzburgite, variably serpentinised
- Eldon Group (Silurian - 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
- Neoproterozoic
- Crimson Creek Formation
- mafic volcanites, laminated mudstone, carbonate beds, and tholeiitic basalts
- Success Creek Group
- shallow water quartz sandstone and siltstone with carbonate and chert beds
- Onah Formation (Proterozoic)
- dominantly quartzwacke turbidites, lesser siltstones





Legend

-  minor fault
-  major fault
-  form line
-  stream alluvium, swamp & marsh deposits
-  fluvio-glacial & lacustrine deposits
-  grey brown magnetite rich clay and lateritic material
-  black magnetic ferruginous lateritic gravels and hardcap
-  Late Devonian
-  Meredith Granite
-  I-type biotite granite and monzogranite
-  Cambrian - Eocambrian
-  tholeiitic and alkali basalts
-  gabbros and minor tonalites
-  layered pyroxenite & dunite, variably serpentinised
-  layered dunite and harzburgite, variably serpentinised
-  Eldon Group (Silurian - Devonian)
-  Bell Shale and correlatives - siltstone and shale
-  Florence Quartzite and correlatives - shallow marine quartz sandstone
-  Austral Creek Siltstone and correlatives - siltstone, mudstone, calc-siltstone, local limestone or quartz arenite members
-  Crotty Quartzite and correlatives - quartz arenite with pebble conglomerate, minor mudstone
-  Gordon Group (Ordovician)
-  limestone, dolomite, marl, minor quartz sandstone
-  Neoproterozoic
-  Crimson Creek Formation - mafic volcanites, laminated mudstone, carbonate beds, and tholeiitic basalts
-  Success Creek Group - shallow water quartz sandstone and siltstone with carbonate and chert beds
-  Oonah Formation (Proterozoic)
- dominantly quartzwacke turbidites, lesser siltstones

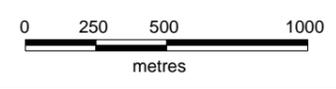
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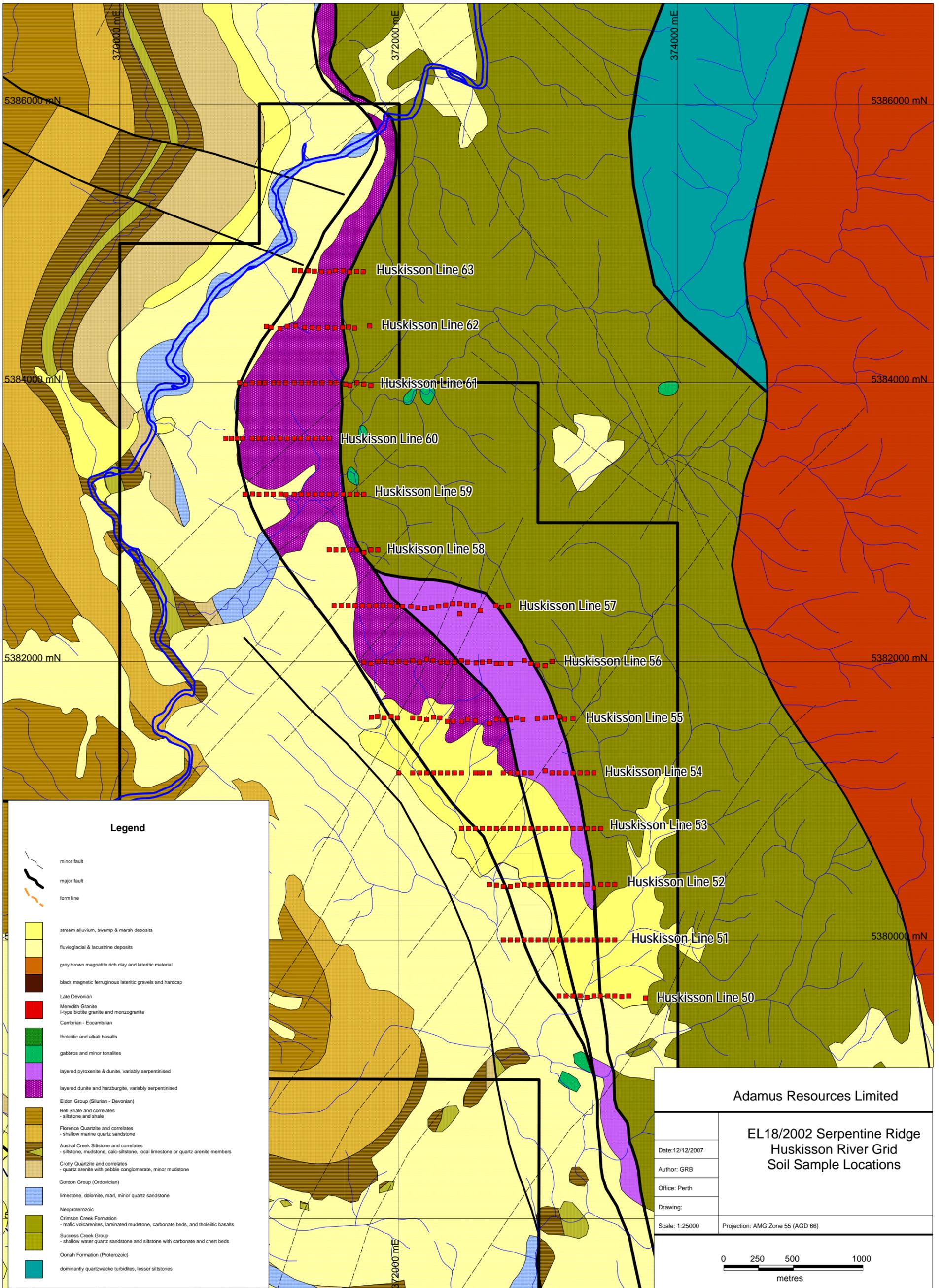
**EL18/2002 Serpentine Ridge
Wilson River Grid
Soil Sample Locations
South Sheet**

Date: 12/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)





Legend

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-  major fault
-  form line
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-  fluvioglacial & lacustrine deposits
-  grey brown magnetite rich clay and lateritic material
-  black magnetic ferruginous lateritic gravels and hardcap
- Late Devonian**
-  Meredith Granite
-  I-type biotite granite and monzogranite
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-  Bell Shale and correlates
-  Florence Quartzite and correlates
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-  Crotty Quartzite and correlates
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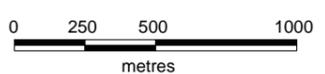
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Huskisson River Grid
Soil Sample Locations**

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 Office: Perth
 Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



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EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Au ppb
North Sheet

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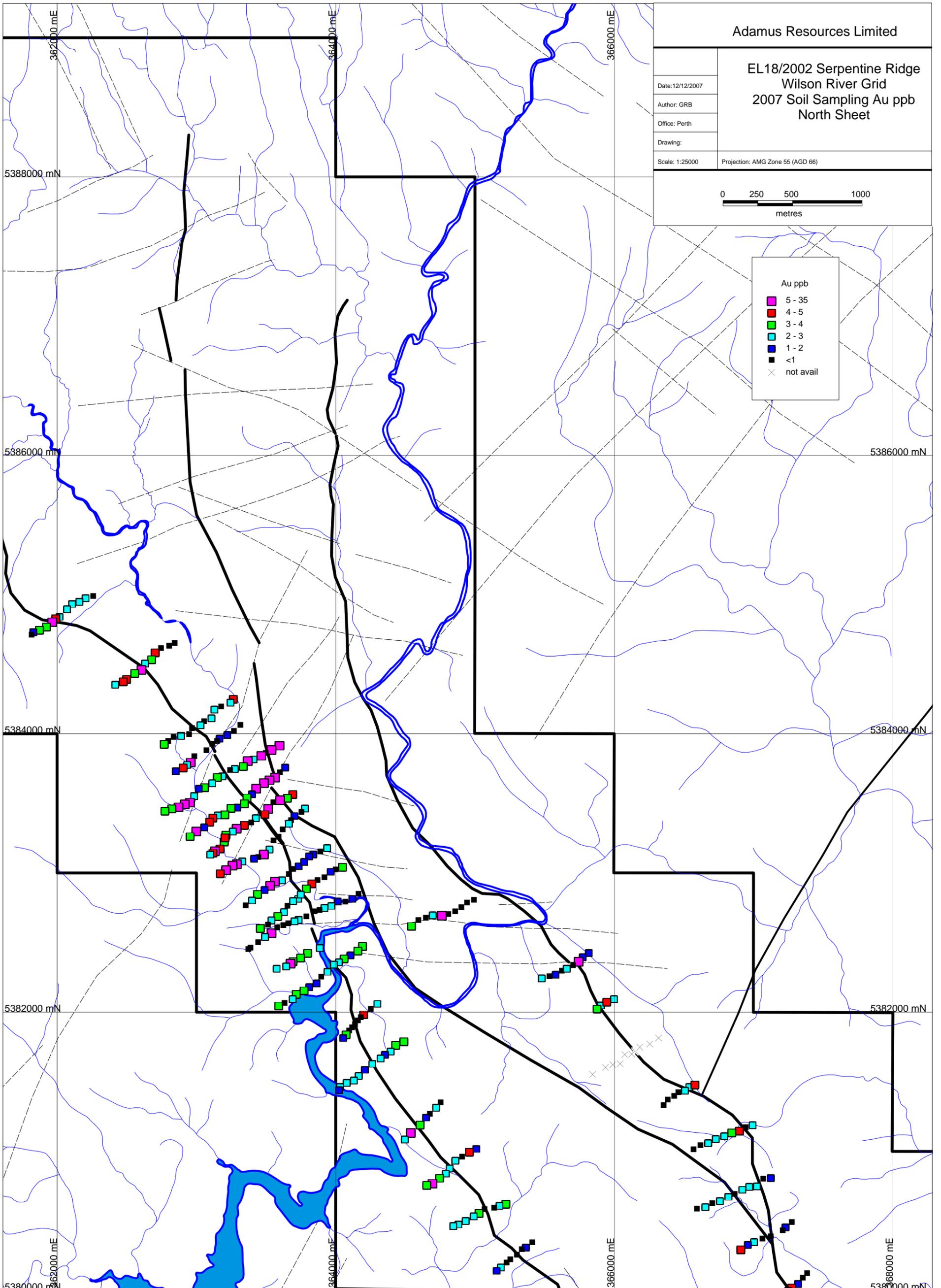
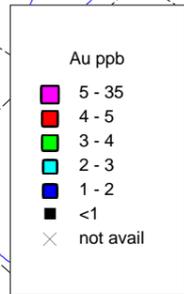
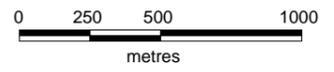
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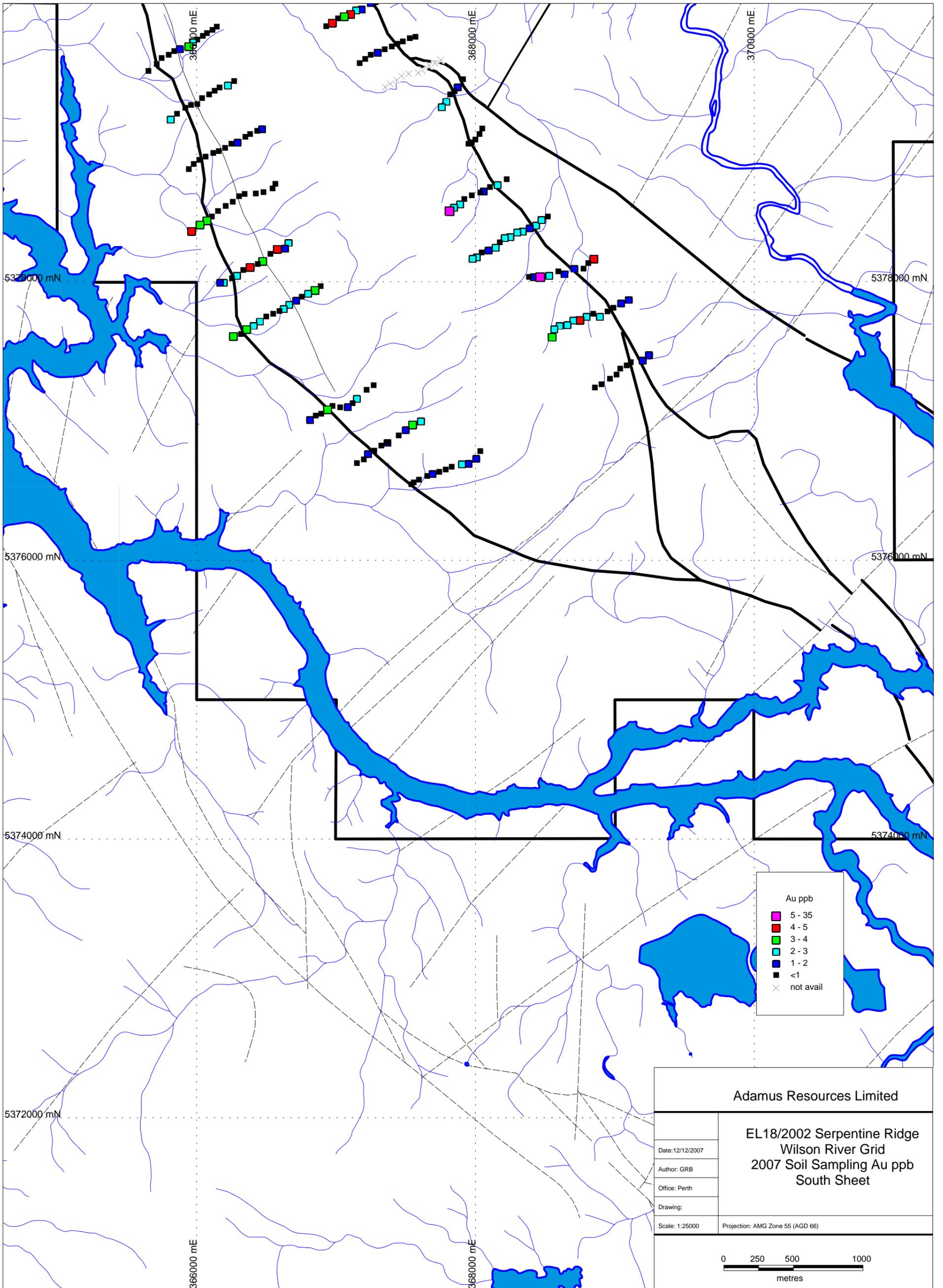
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Au ppb

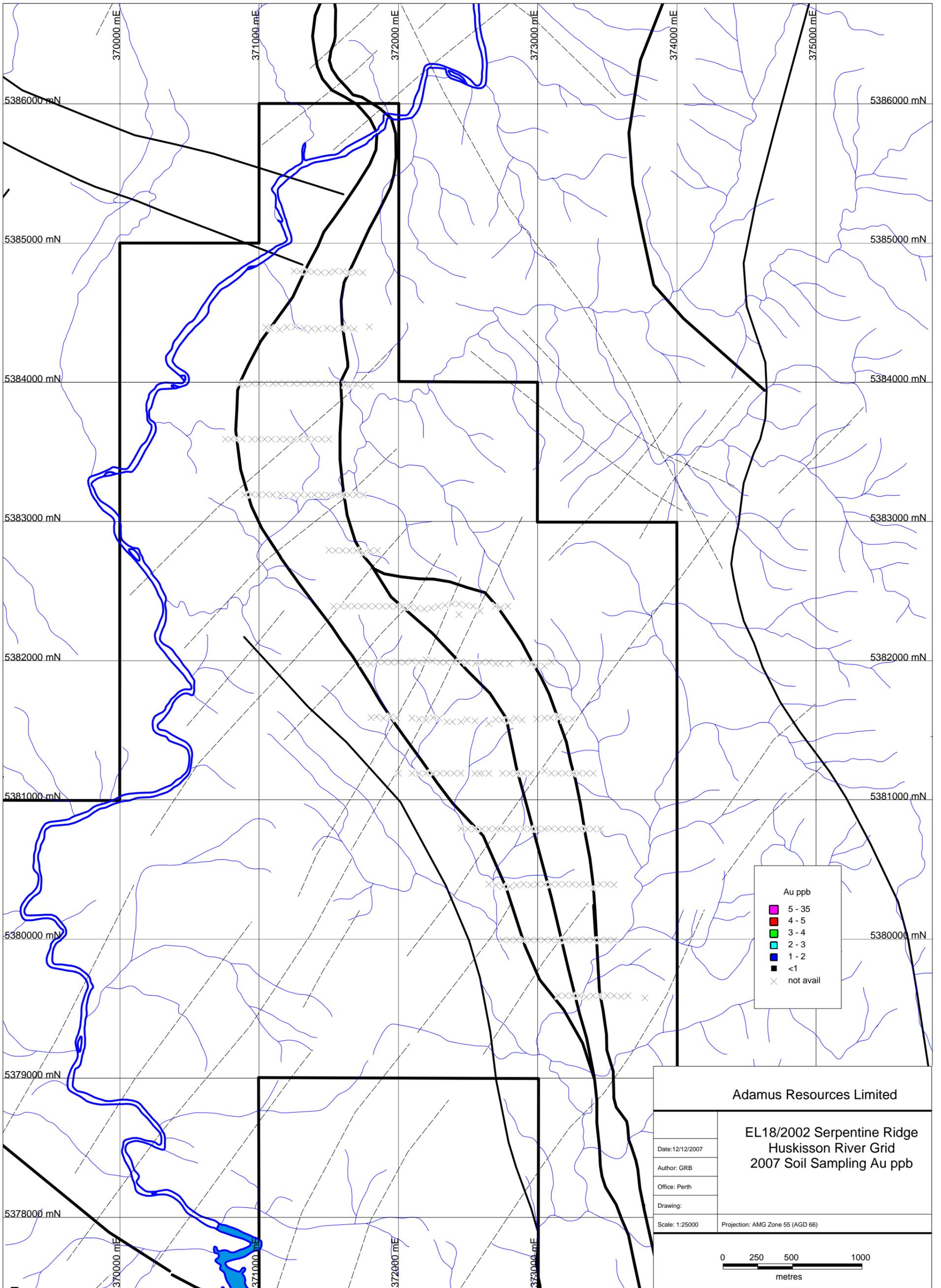
- 5 - 35
- 4 - 5
- 3 - 4
- 2 - 3
- 1 - 2
- <1
- × not avail

Adamus Resources Limited

Date: 12/12/2007 Author: GRB Office: Perth Drawing: Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)	EL18/2002 Serpentine Ridge Wilson River Grid 2007 Soil Sampling Au ppb South Sheet
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0 250 500 1000

metres



Au ppb	
5 - 35	[Pink square]
4 - 5	[Red square]
3 - 4	[Green square]
2 - 3	[Cyan square]
1 - 2	[Blue square]
<1	[Black square]
not avail	[Grey 'x']

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Au ppb	
Date: 12/12/2007	
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Office: Perth	
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Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Ag ppm
North Sheet

Date: 12/12/2007

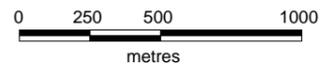
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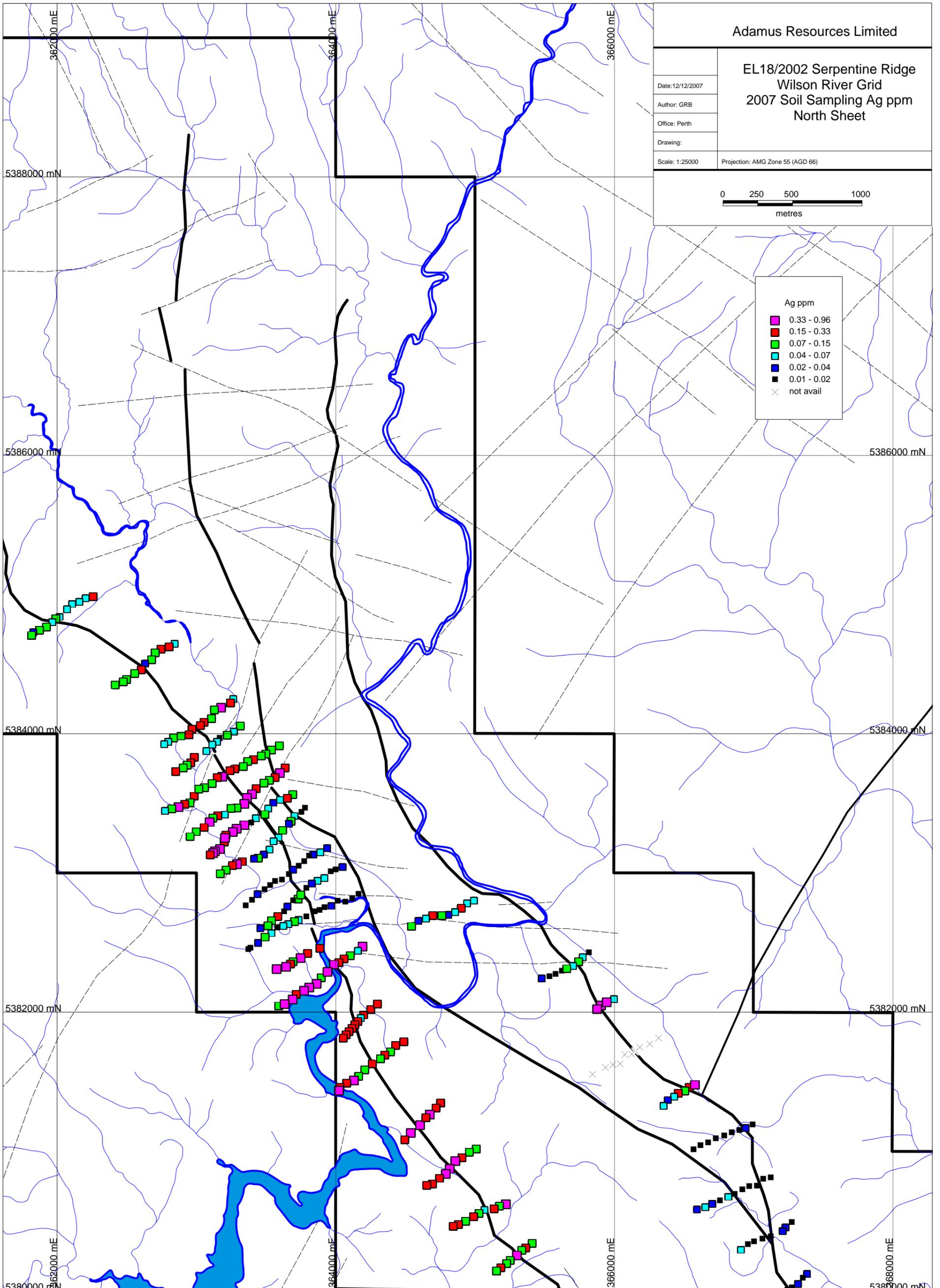
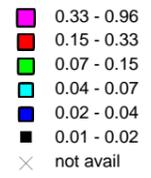
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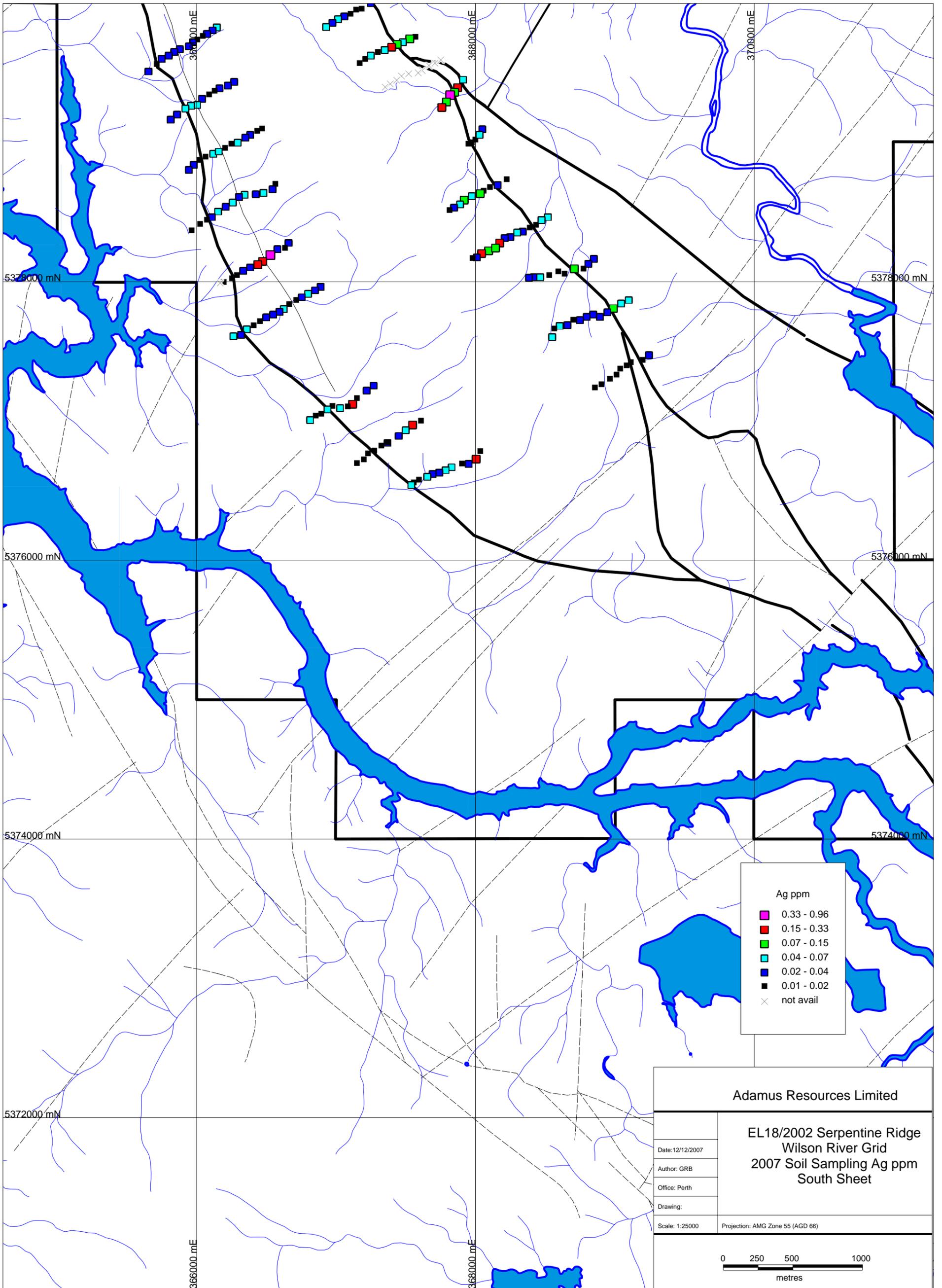
Scale: 1:25000

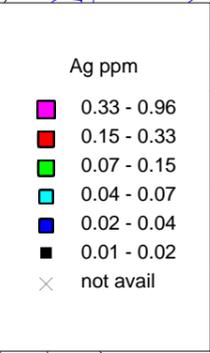
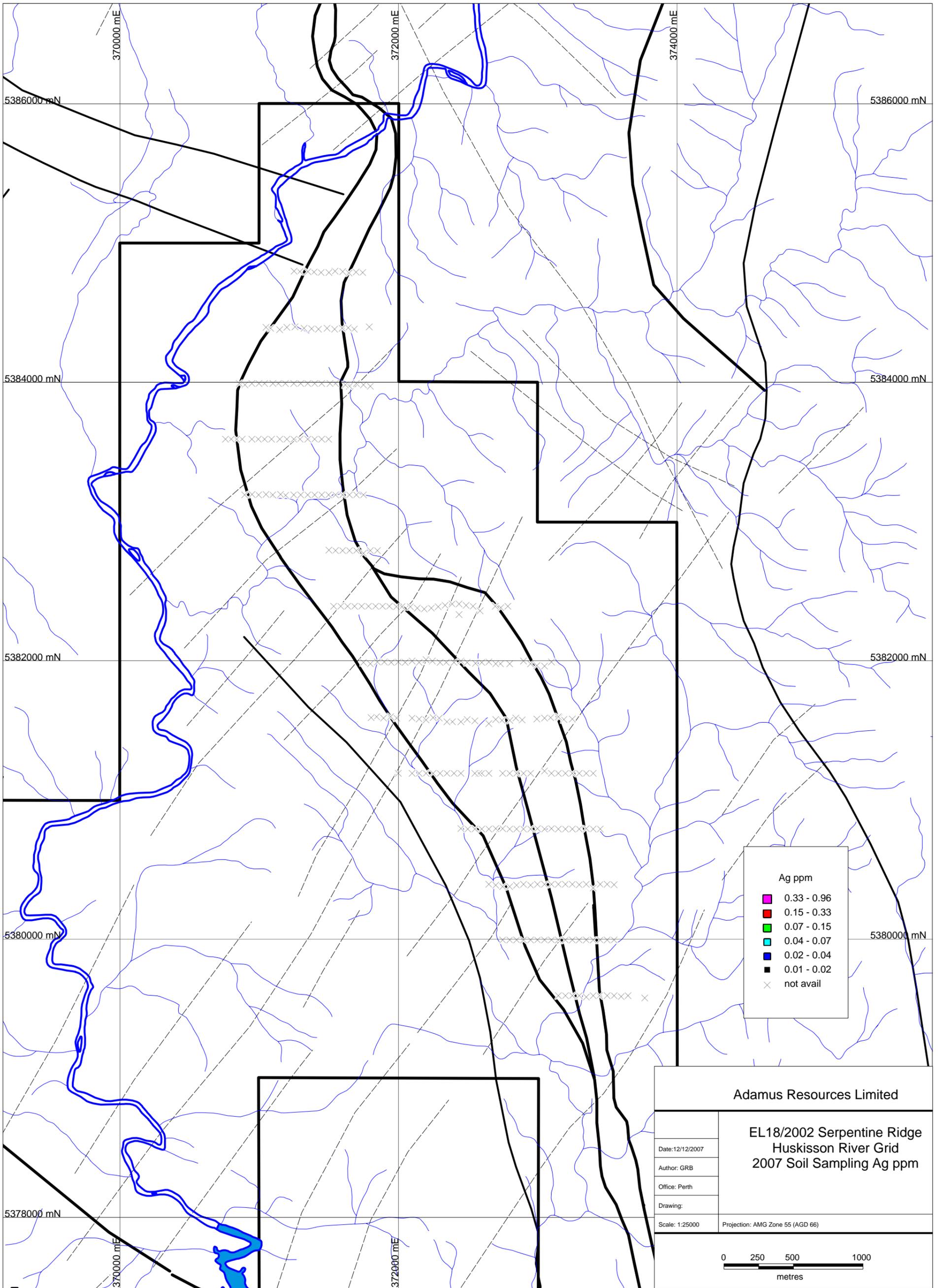
Projection: AMG Zone 55 (AGD 66)



Ag ppm







Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Ag ppm

Date: 12/12/2007

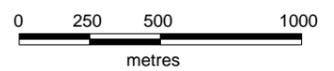
Author: GRB

Office: Perth

Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling As ppm
North Sheet

Date: 13/12/2007

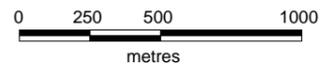
Author: GRB

Office: Perth

Drawing:

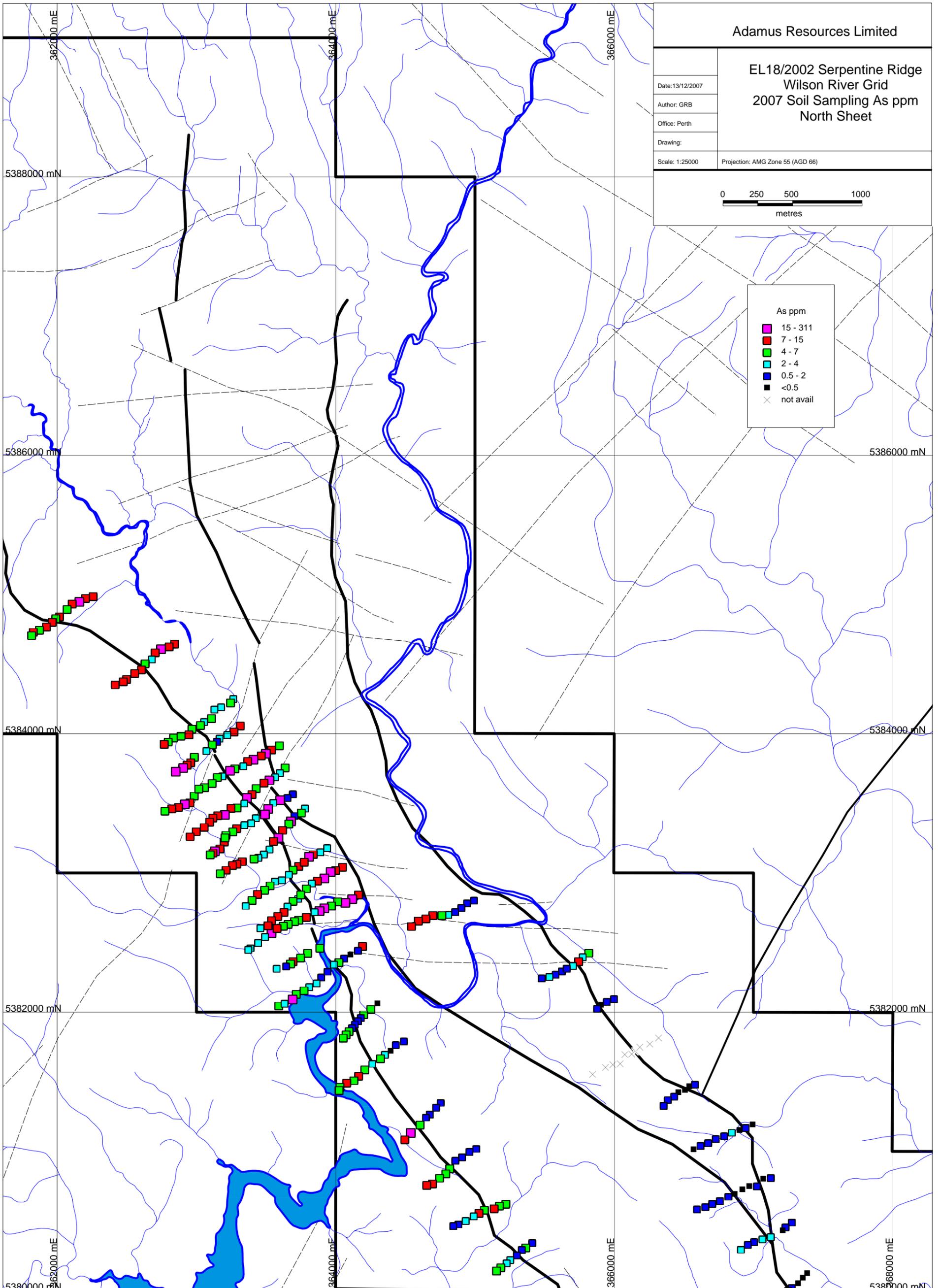
Scale: 1:25000

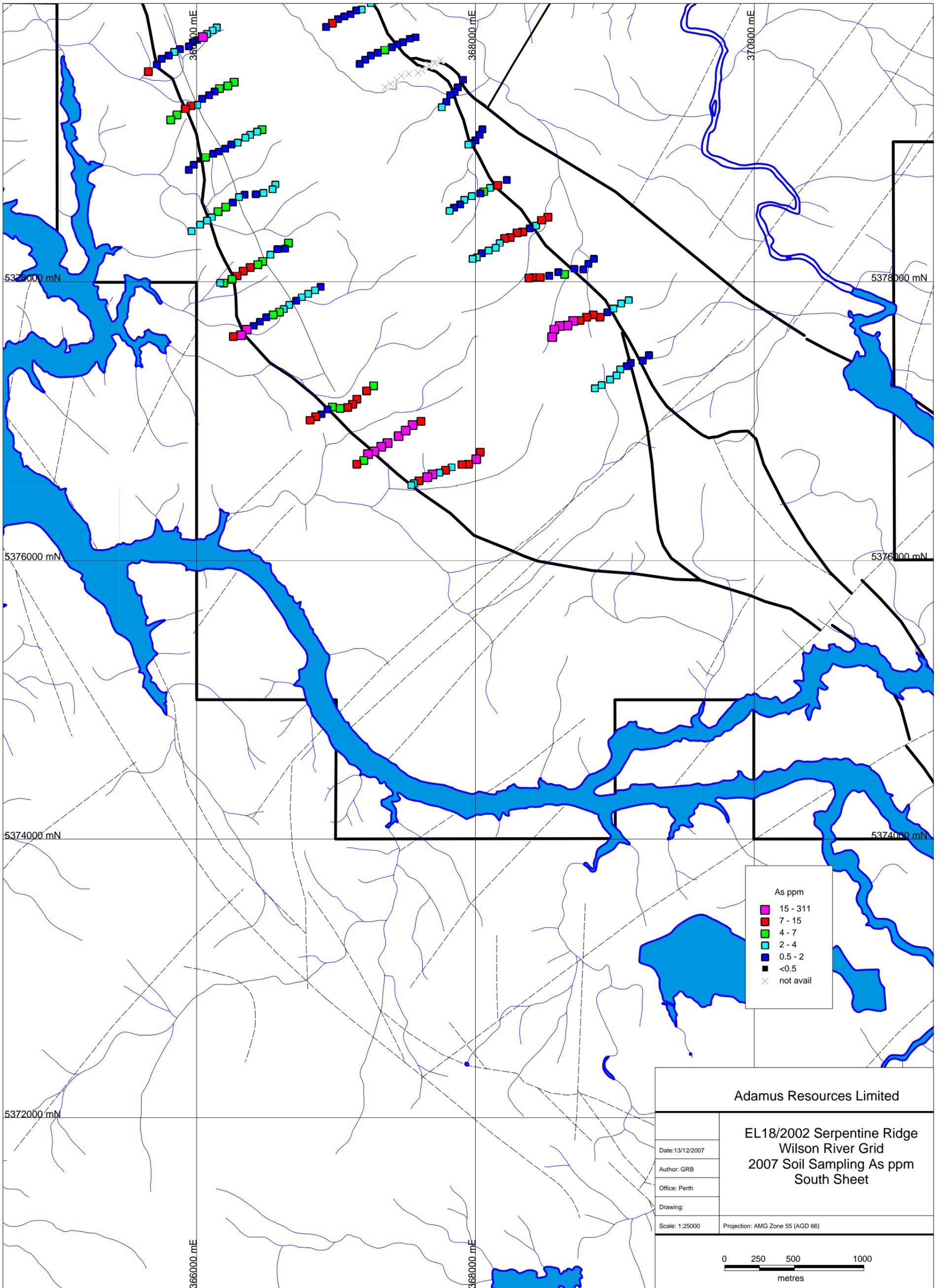
Projection: AMG Zone 55 (AGD 66)



As ppm

- 15 - 311
- 7 - 15
- 4 - 7
- 2 - 4
- 0.5 - 2
- <0.5
- × not avail





Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling As ppm
South Sheet

Date: 13/12/2007

Author: GRB

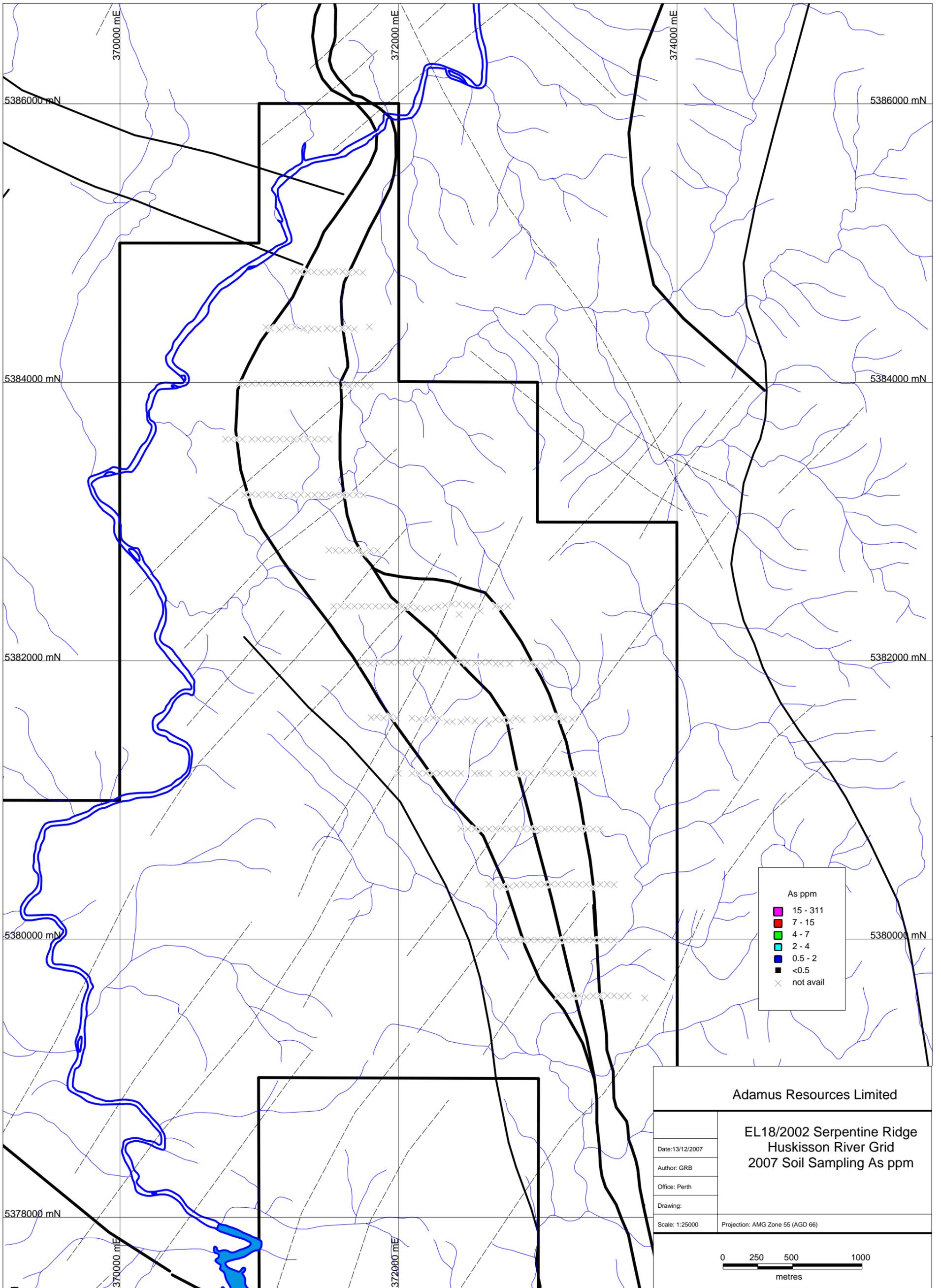
Office: Perth

Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)

0 250 500 1000
metres



As ppm

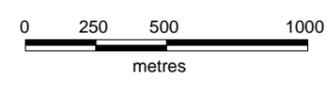
- 15 - 311
- 7 - 15
- 4 - 7
- 2 - 4
- 0.5 - 2
- <0.5
- x not avail

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling As ppm

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Cu ppm
North Sheet

Date: 13/12/2007

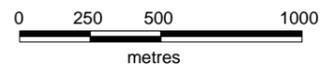
Author: GRB

Office: Perth

Drawing:

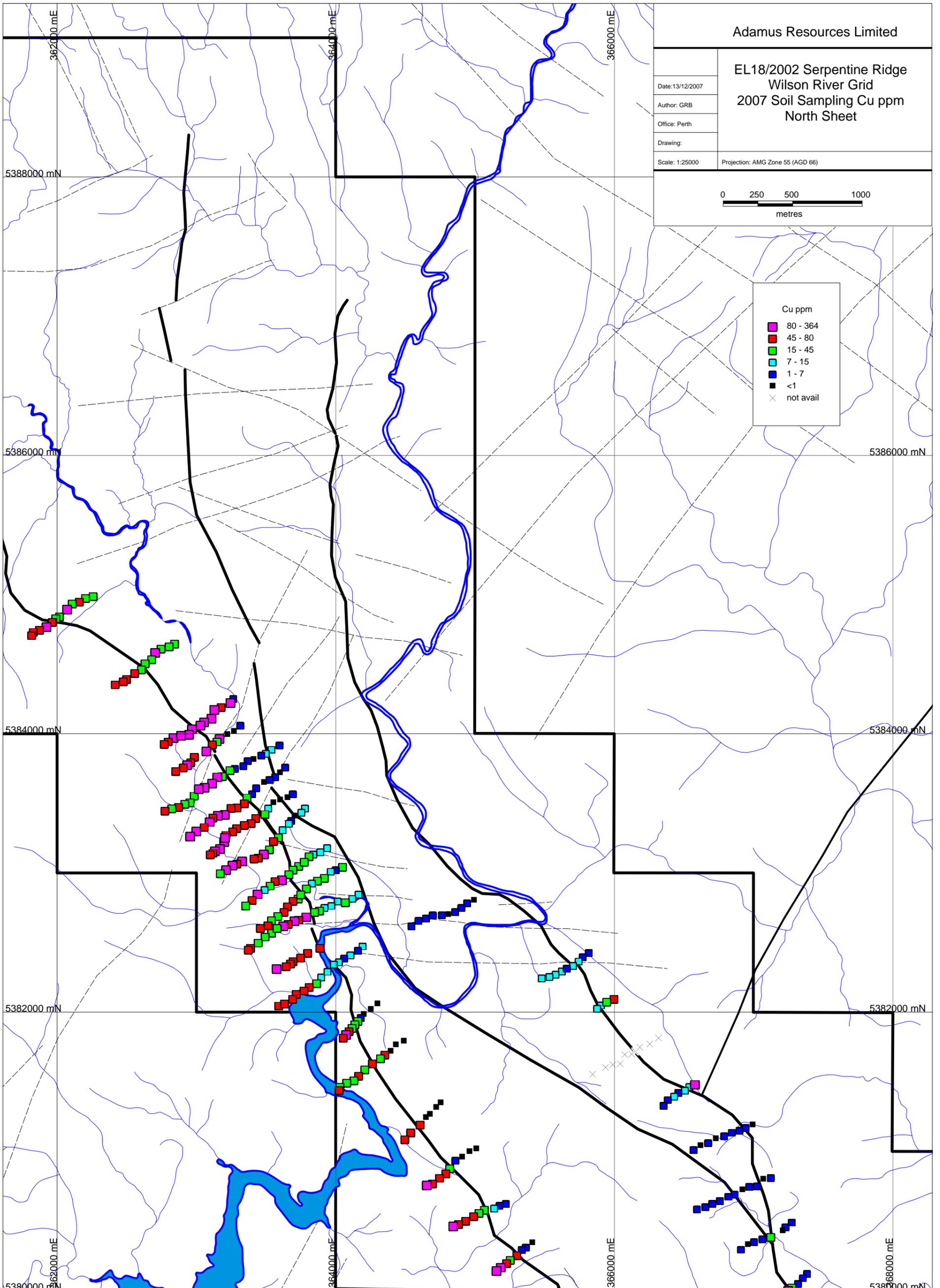
Scale: 1:25000

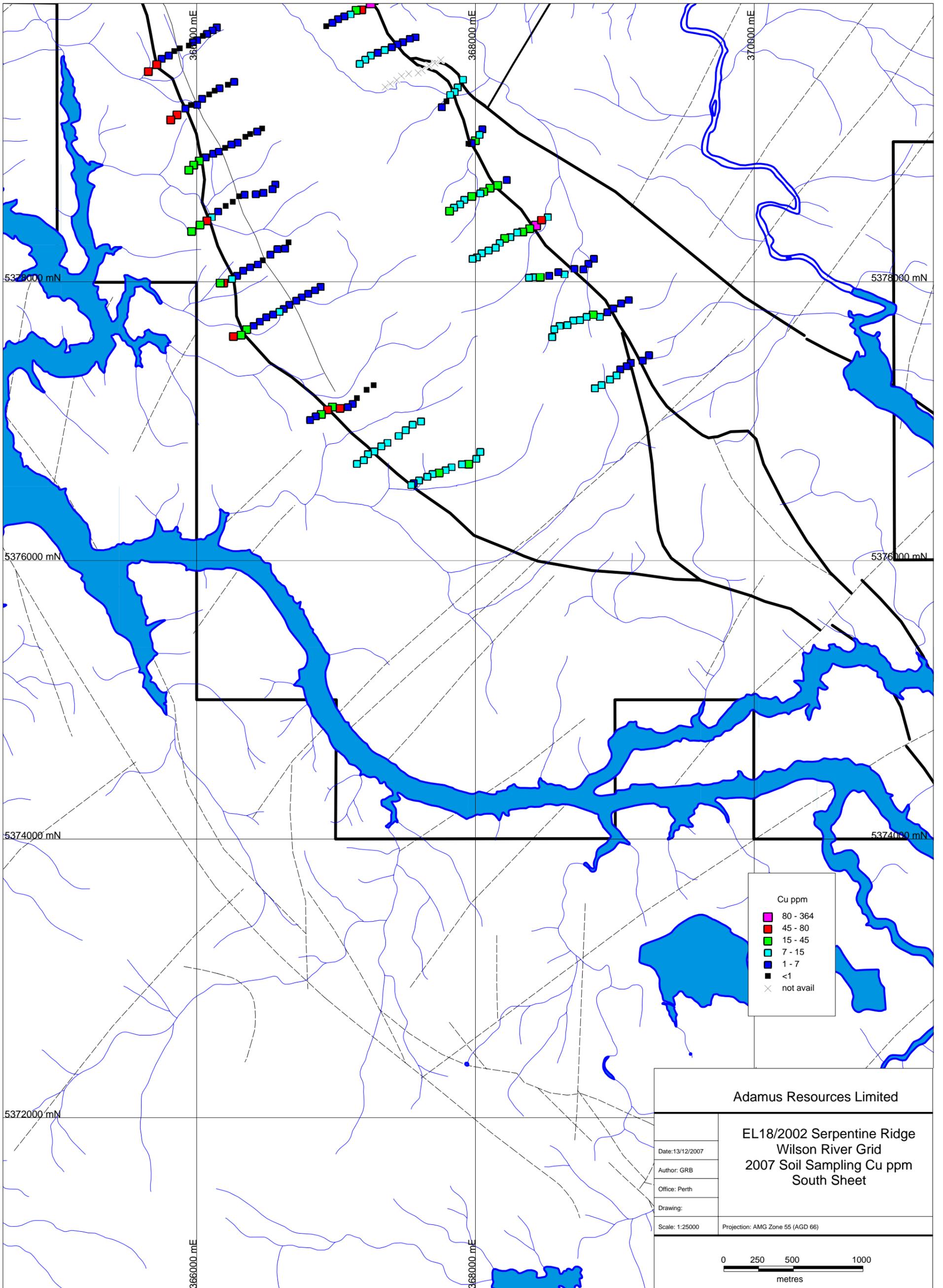
Projection: AMG Zone 55 (AGD 66)



Cu ppm

- 80 - 364
- 45 - 80
- 15 - 45
- 7 - 15
- 1 - 7
- <1
- not avail





Cu ppm

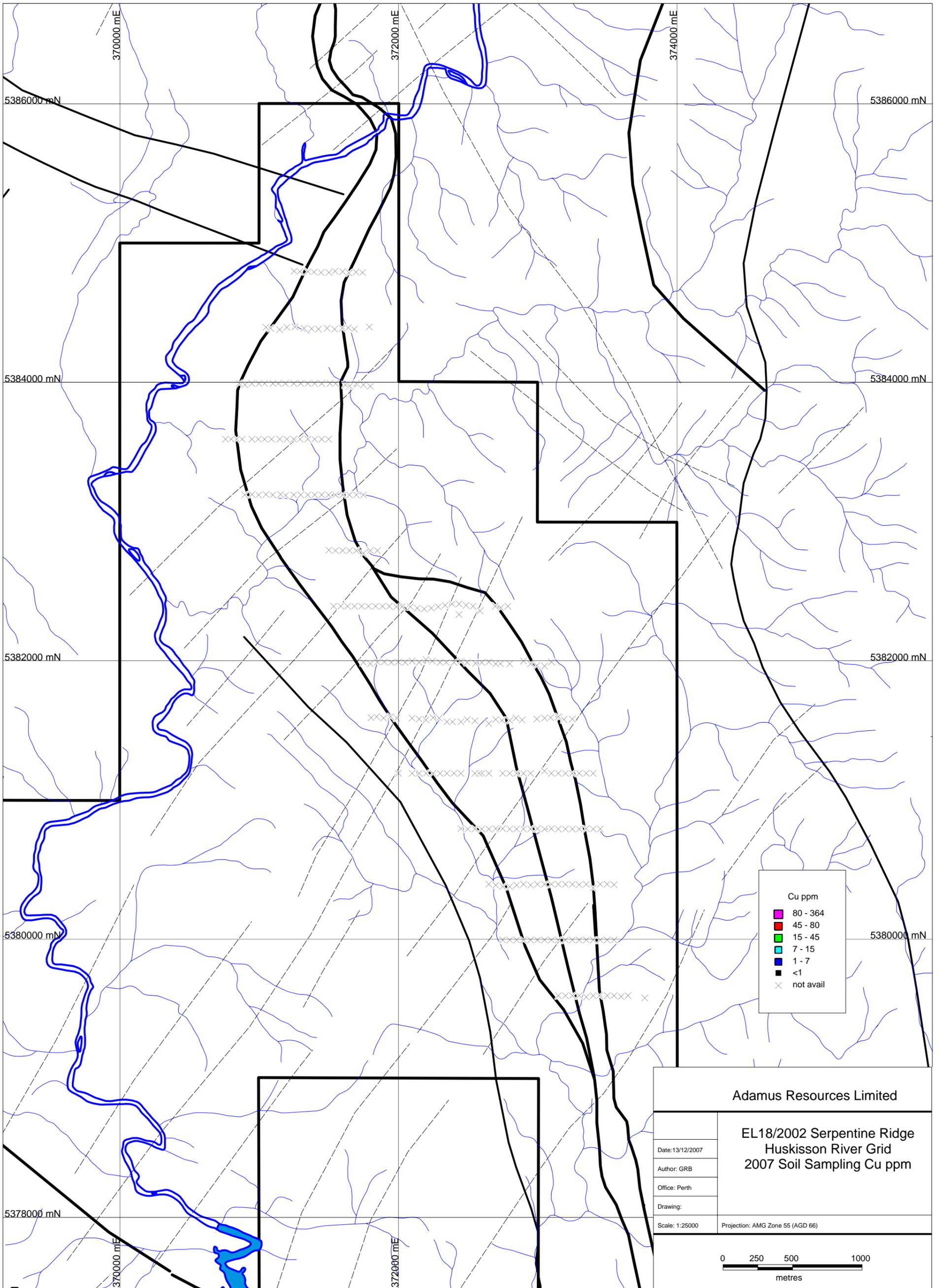
- 80 - 364
- 45 - 80
- 15 - 45
- 7 - 15
- 1 - 7
- <1
- × not avail

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Cu ppm
South Sheet

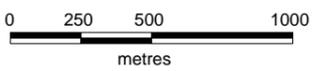
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

0 250 500 1000
metres



Cu ppm	
	80 - 364
	45 - 80
	15 - 45
	7 - 15
	1 - 7
	<1
x	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Cu ppm	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Pb ppm
North Sheet

Date: 13/12/2007

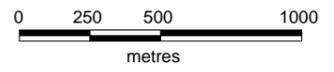
Author: GRB

Office: Perth

Drawing:

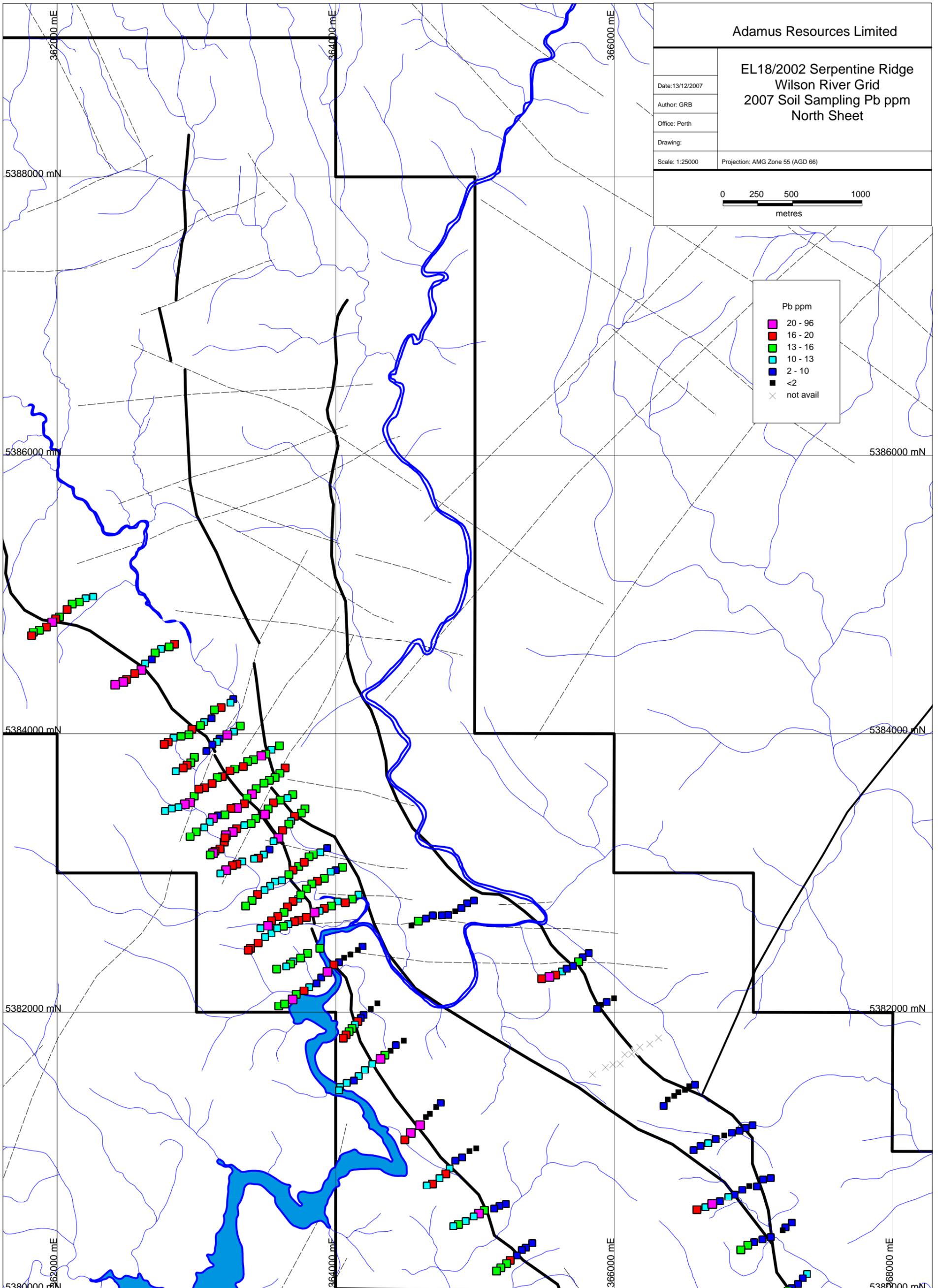
Scale: 1:25000

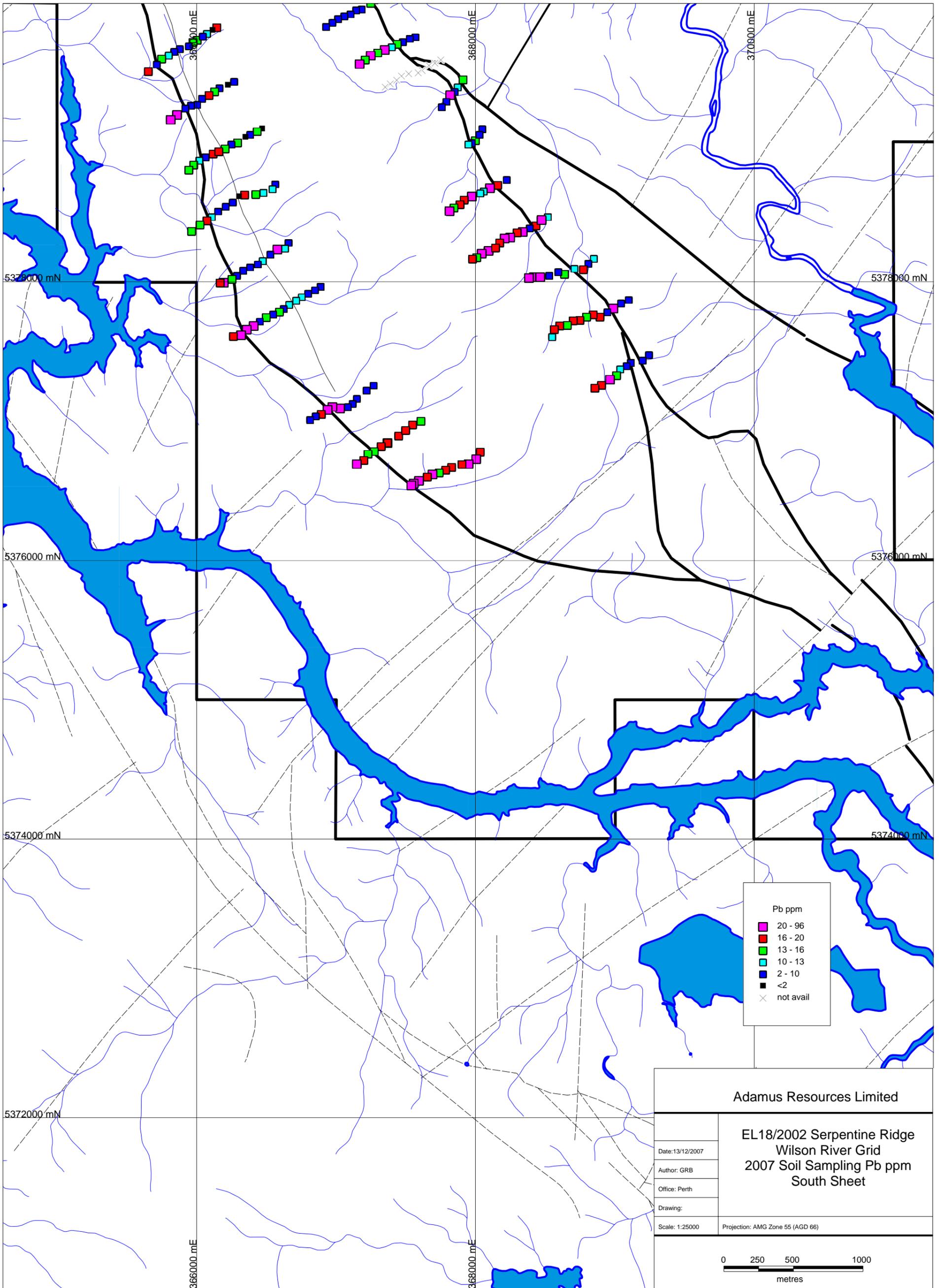
Projection: AMG Zone 55 (AGD 66)



Pb ppm

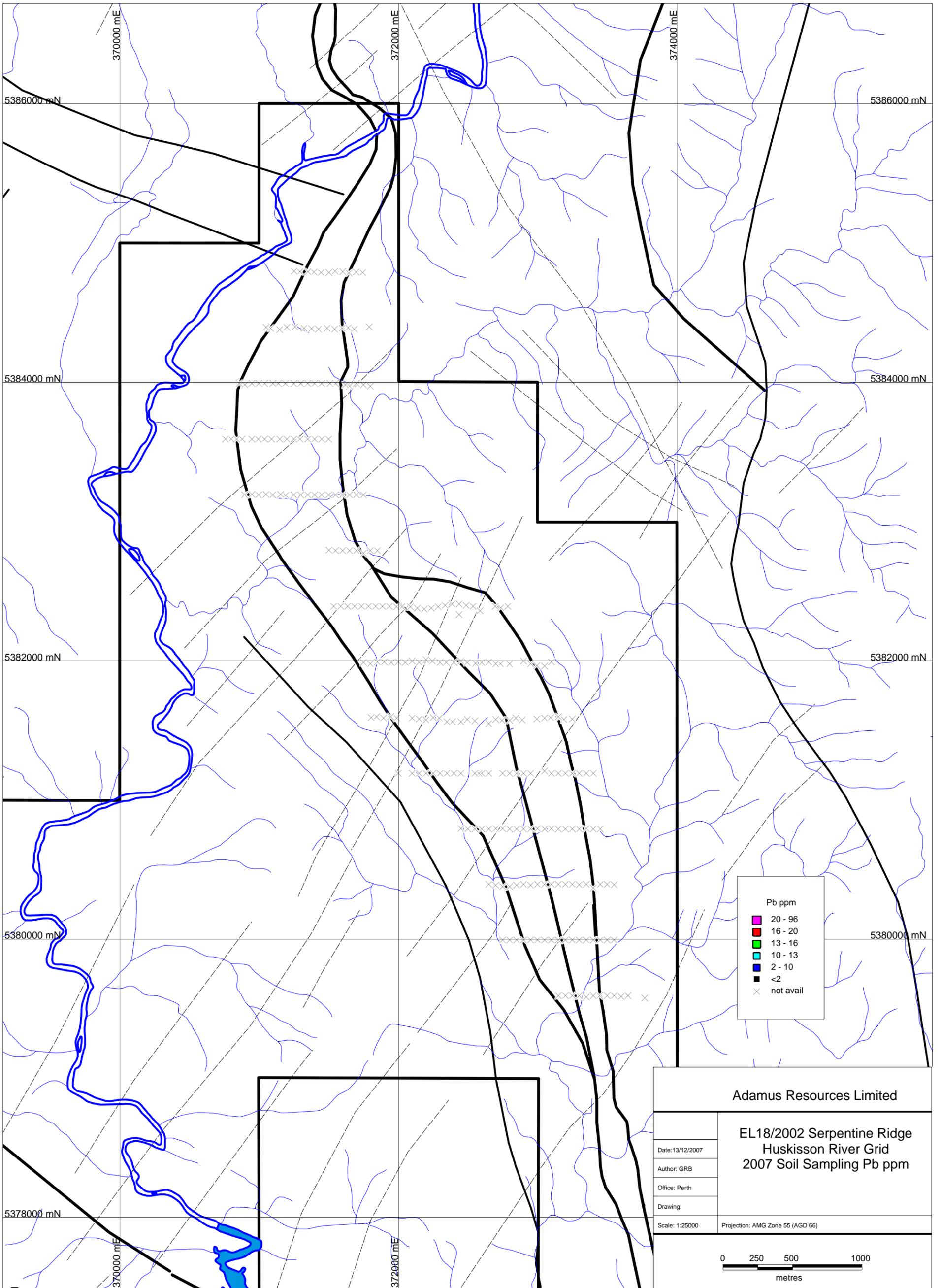
- 20 - 96
- 16 - 20
- 13 - 16
- 10 - 13
- 2 - 10
- <2
- not avail





Pb ppm	
■	20 - 96
■	16 - 20
■	13 - 16
■	10 - 13
■	2 - 10
■	<2
×	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Wilson River Grid 2007 Soil Sampling Pb ppm South Sheet	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

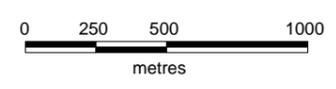


Pb ppm	
20 - 96	[Pink square]
16 - 20	[Red square]
13 - 16	[Green square]
10 - 13	[Cyan square]
2 - 10	[Blue square]
<2	[Black square]
not avail	[Grey 'x']

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Pb ppm

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:
Scale: 1:25000
Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Zn ppm
North Sheet

Date: 13/12/2007

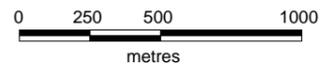
Author: GRB

Office: Perth

Drawing:

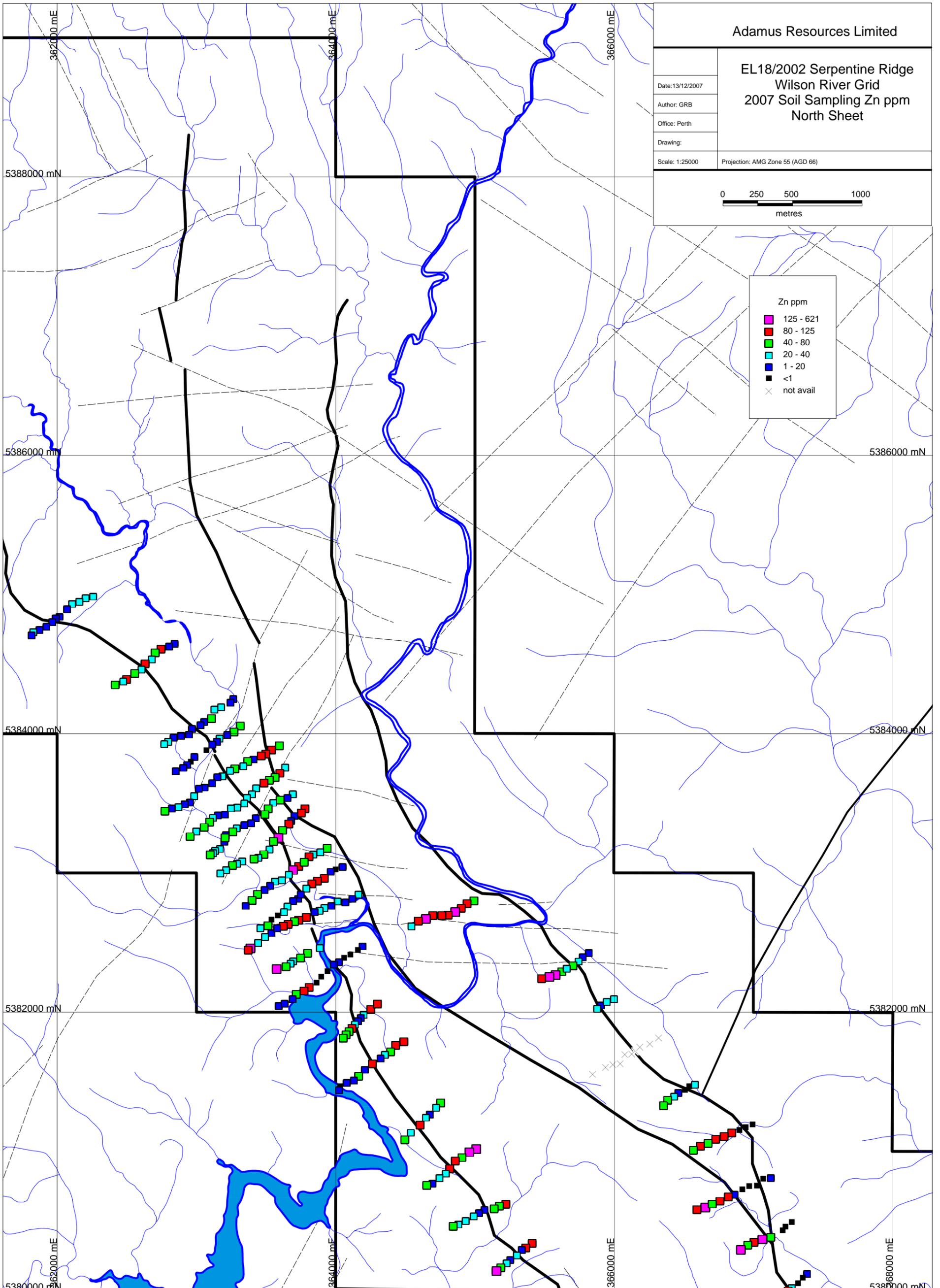
Scale: 1:25000

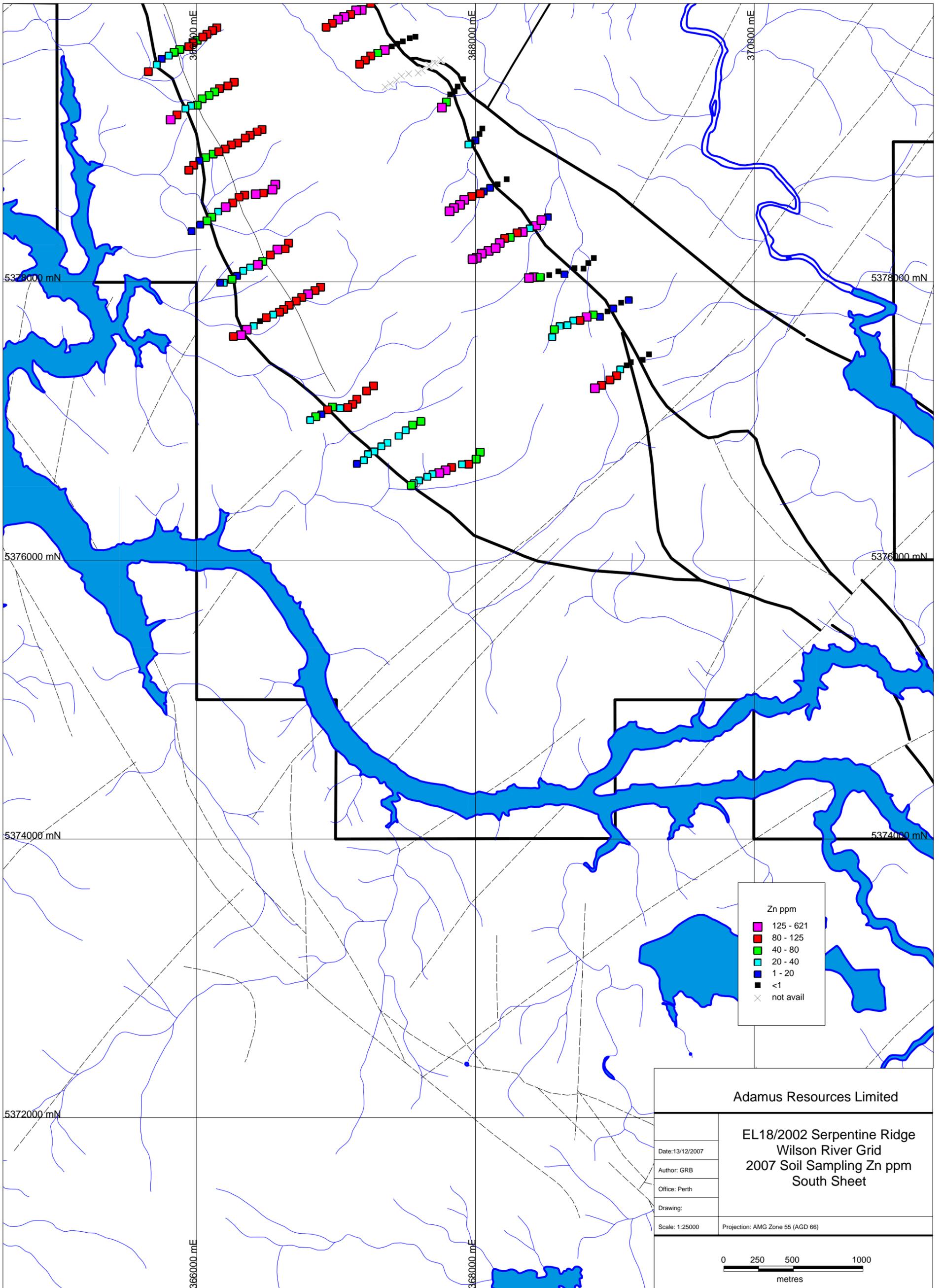
Projection: AMG Zone 55 (AGD 66)



Zn ppm

- 125 - 621
- 80 - 125
- 40 - 80
- 20 - 40
- 1 - 20
- <1
- × not avail



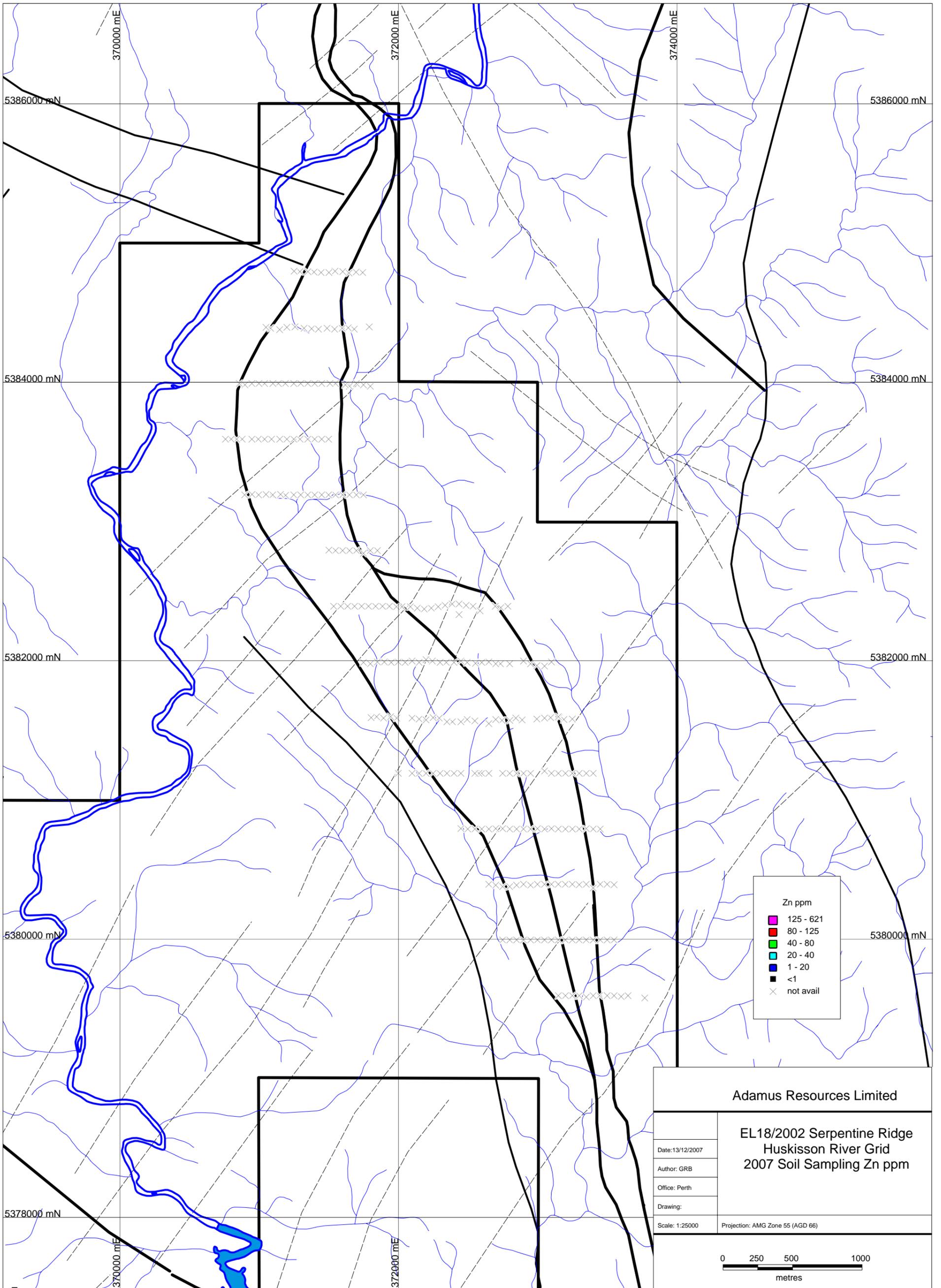


Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Zn ppm
South Sheet

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:
Scale: 1:25000
Projection: AMG Zone 55 (AGD 66)





Zn ppm	
■	125 - 621
■	80 - 125
■	40 - 80
■	20 - 40
■	1 - 20
■	<1
×	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Zn ppm	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Ni ppm
North Sheet

Date: 13/12/2007

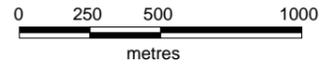
Author: GRB

Office: Perth

Drawing:

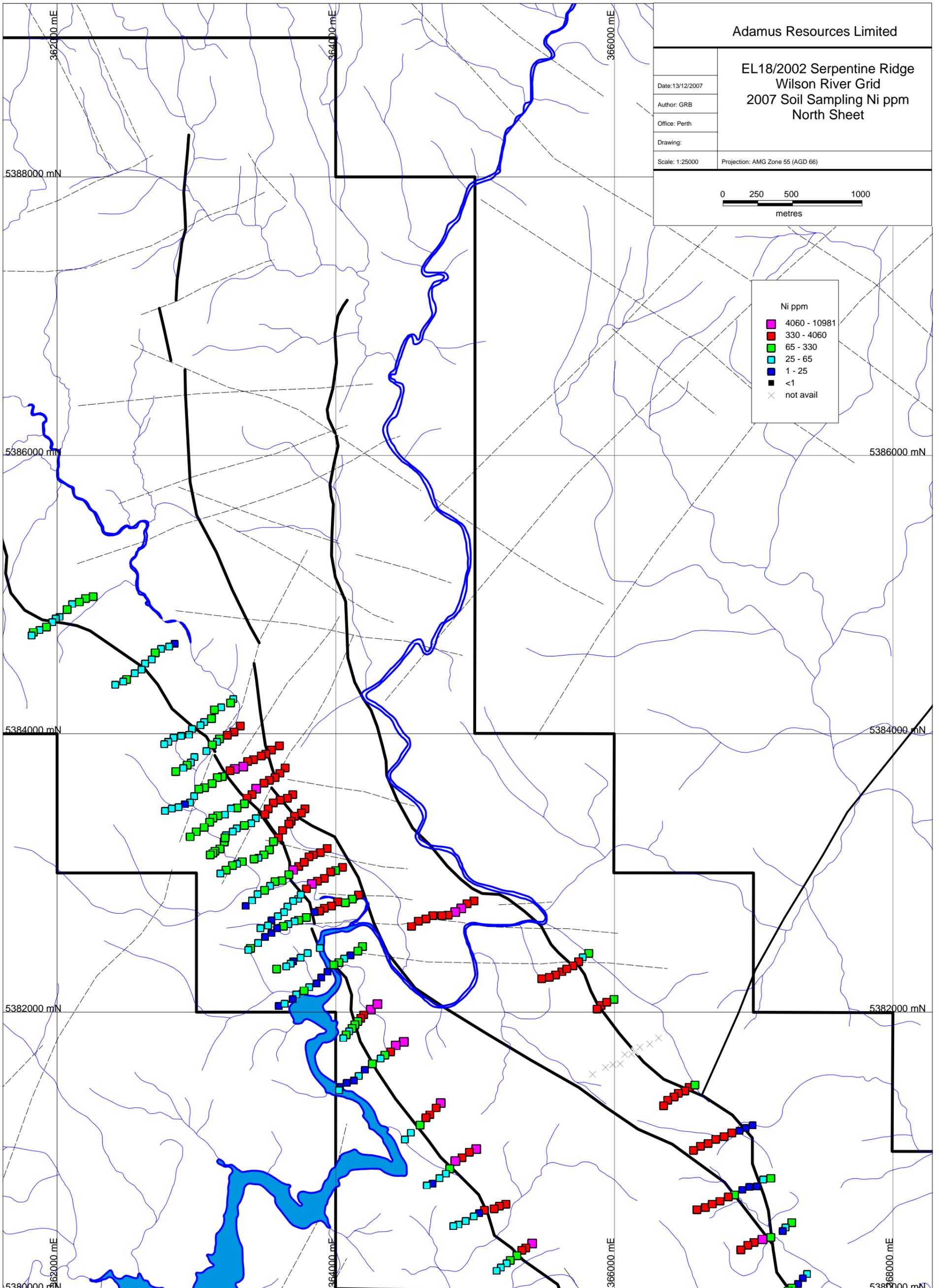
Scale: 1:25000

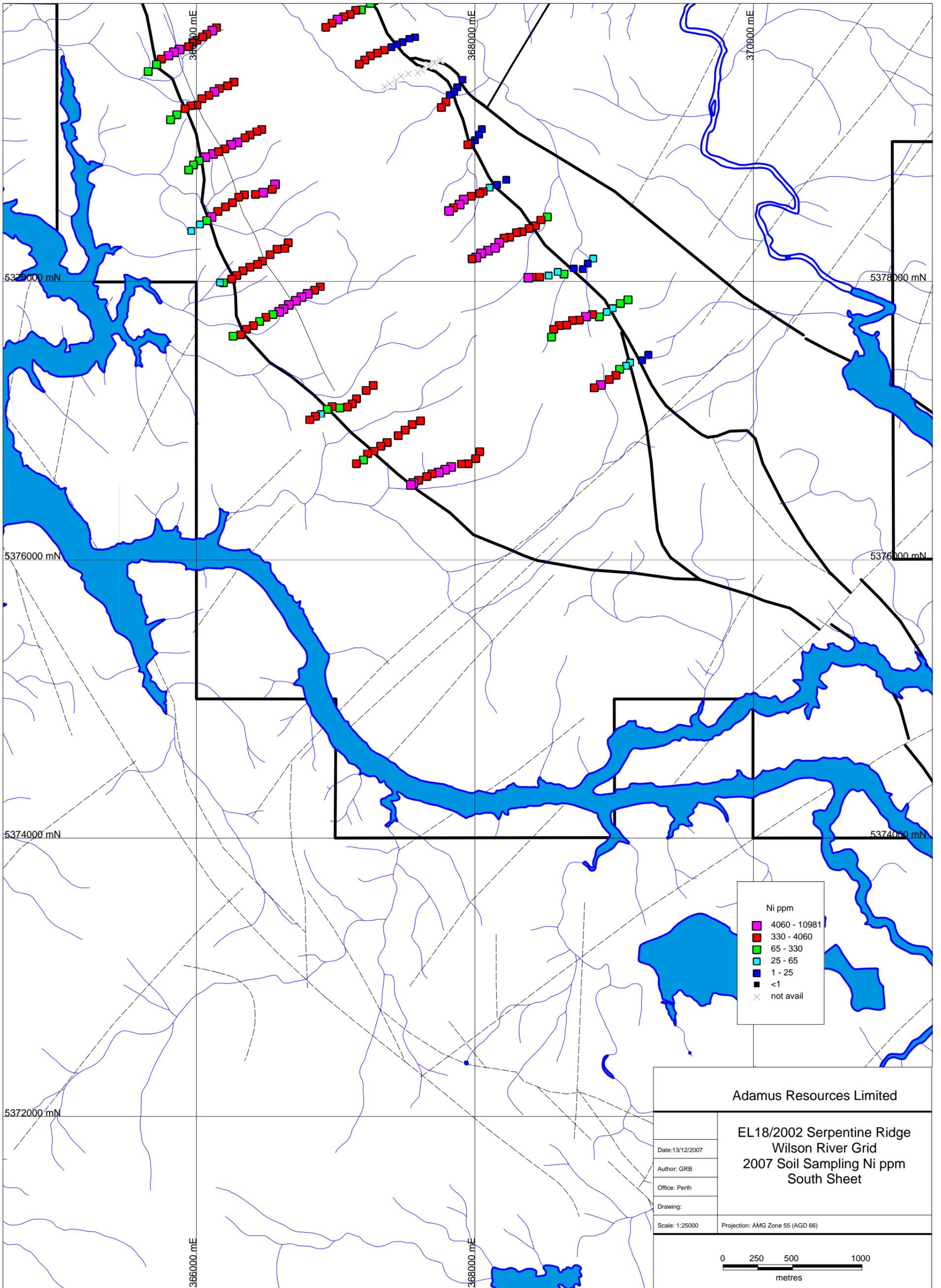
Projection: AMG Zone 55 (AGD 66)



Ni ppm

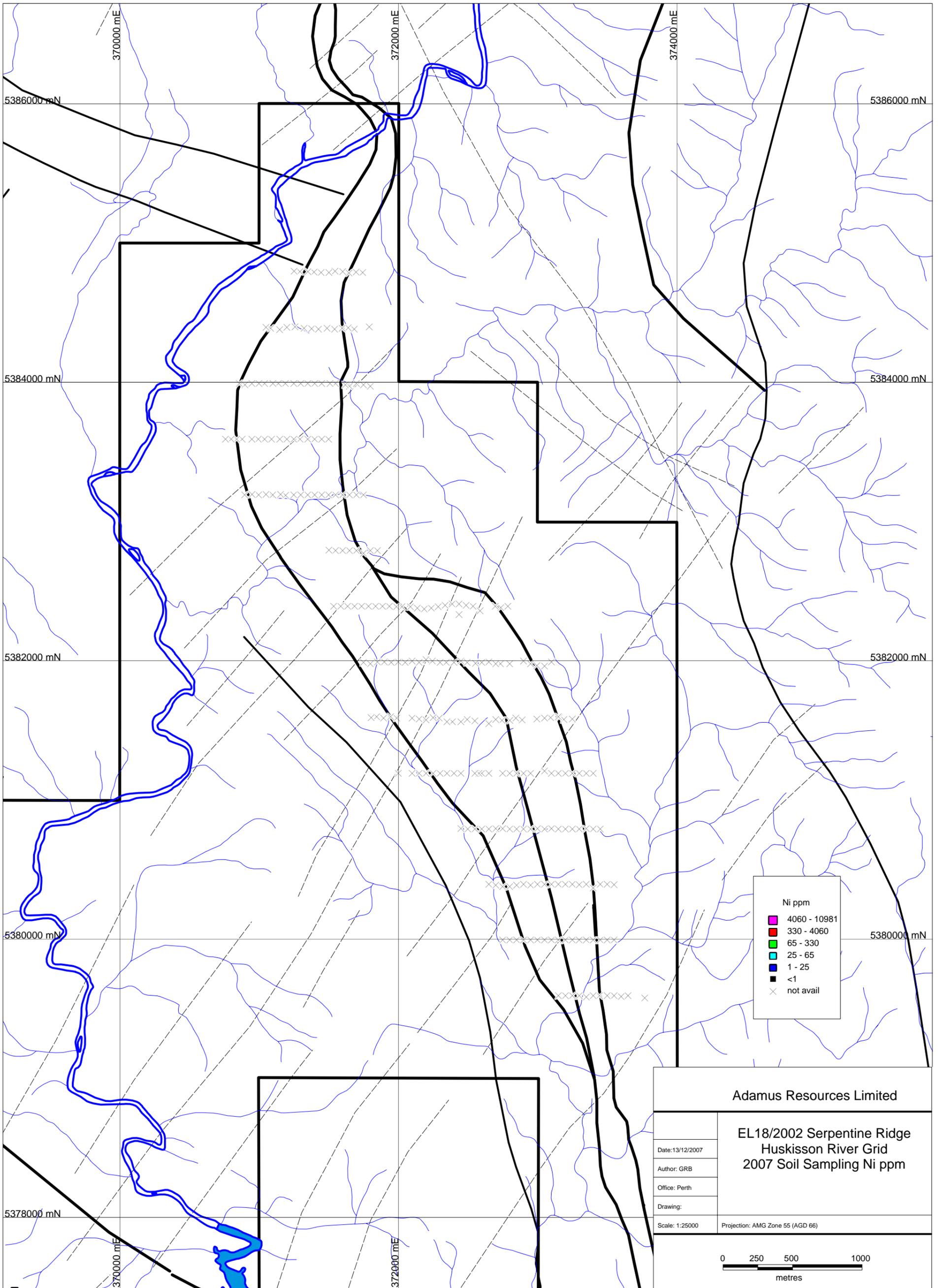
- 4060 - 10981
- 330 - 4060
- 65 - 330
- 25 - 65
- 1 - 25
- <1
- × not avail





Ni ppm	
■	4060 - 10981
■	330 - 4060
■	65 - 330
■	25 - 65
■	1 - 25
■	<1
×	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Wilson River Grid 2007 Soil Sampling Ni ppm South Sheet	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)



Ni ppm	
	4060 - 10981
	330 - 4060
	65 - 330
	25 - 65
	1 - 25
	<1
x	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Ni ppm	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Co ppm
North Sheet

Date: 13/12/2007

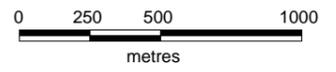
Author: GRB

Office: Perth

Drawing:

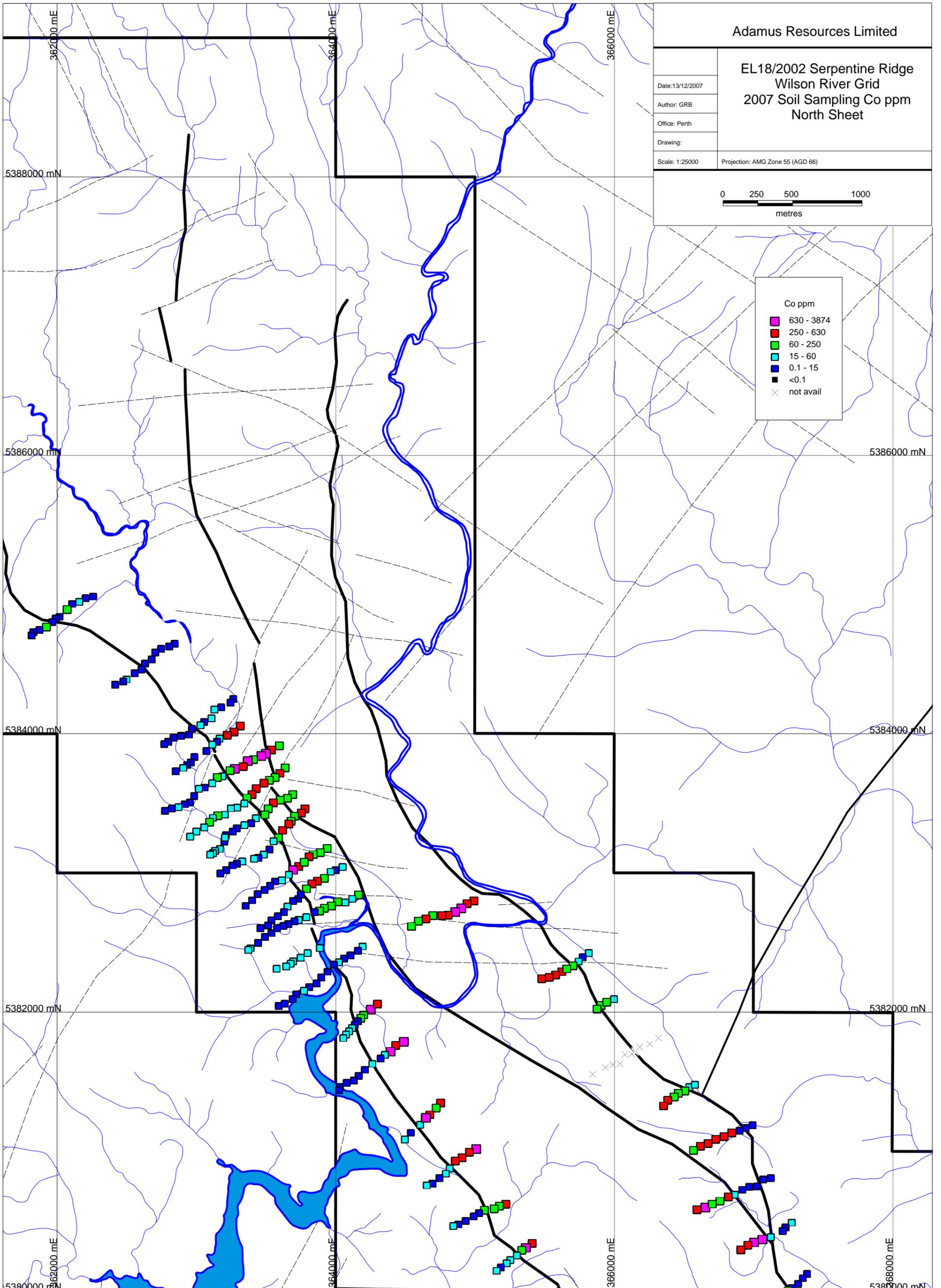
Scale: 1:25000

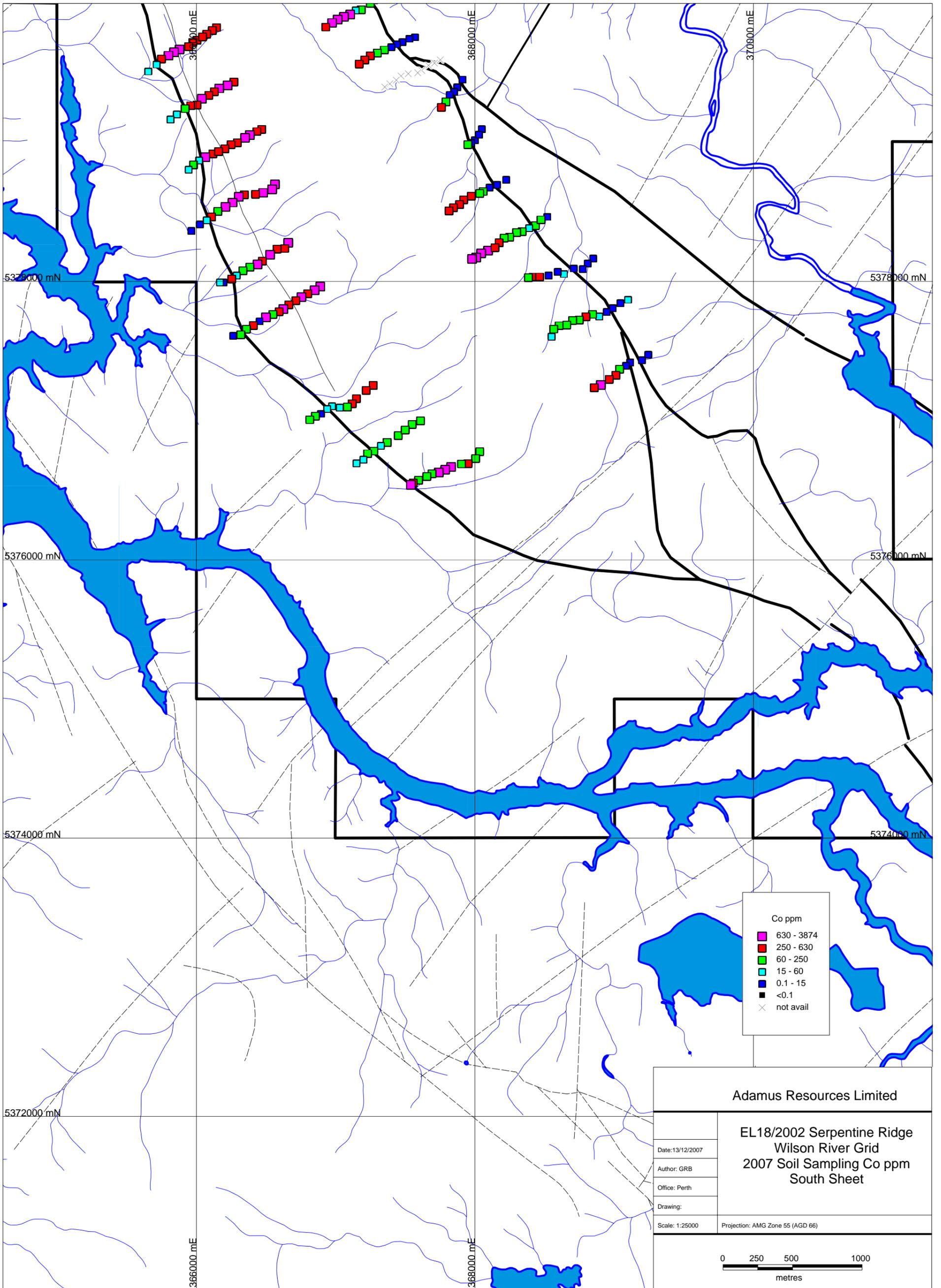
Projection: AMG Zone 55 (AGD 66)



Co ppm

- 630 - 3874
- 250 - 630
- 60 - 250
- 15 - 60
- 0.1 - 15
- <0.1
- × not avail





Co ppm

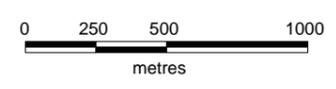
- 630 - 3874
- 250 - 630
- 60 - 250
- 15 - 60
- 0.1 - 15
- <0.1
- not avail

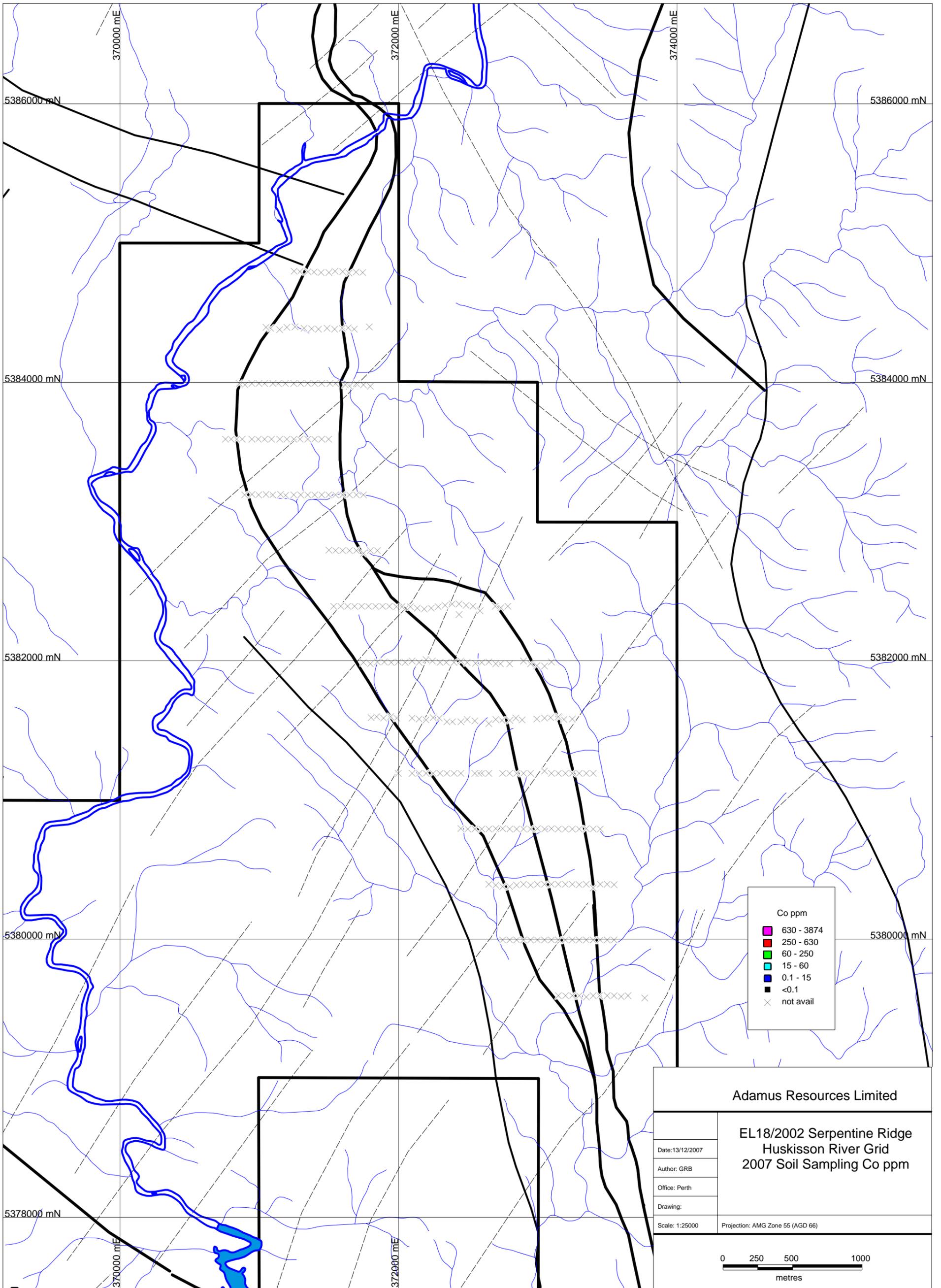
Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Co ppm
South Sheet

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)





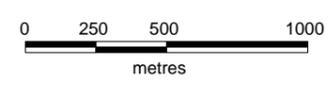
Co ppm	
630 - 3874	[Pink square]
250 - 630	[Red square]
60 - 250	[Green square]
15 - 60	[Cyan square]
0.1 - 15	[Blue square]
<0.1	[Black square]
x	[X symbol]

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Co ppm

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Pt ppb
North Sheet

Date: 13/12/2007

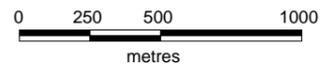
Author: GRB

Office: Perth

Drawing:

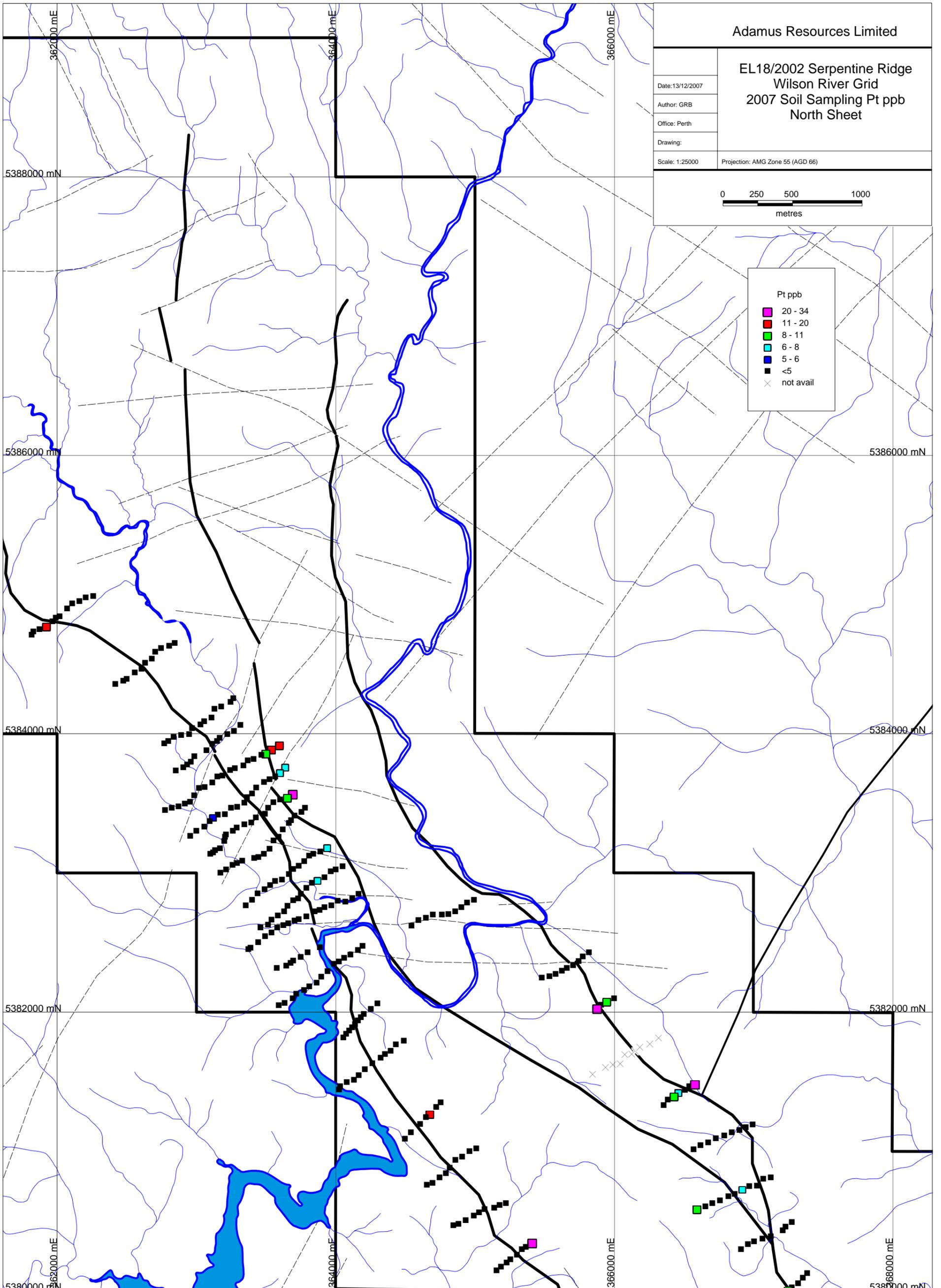
Scale: 1:25000

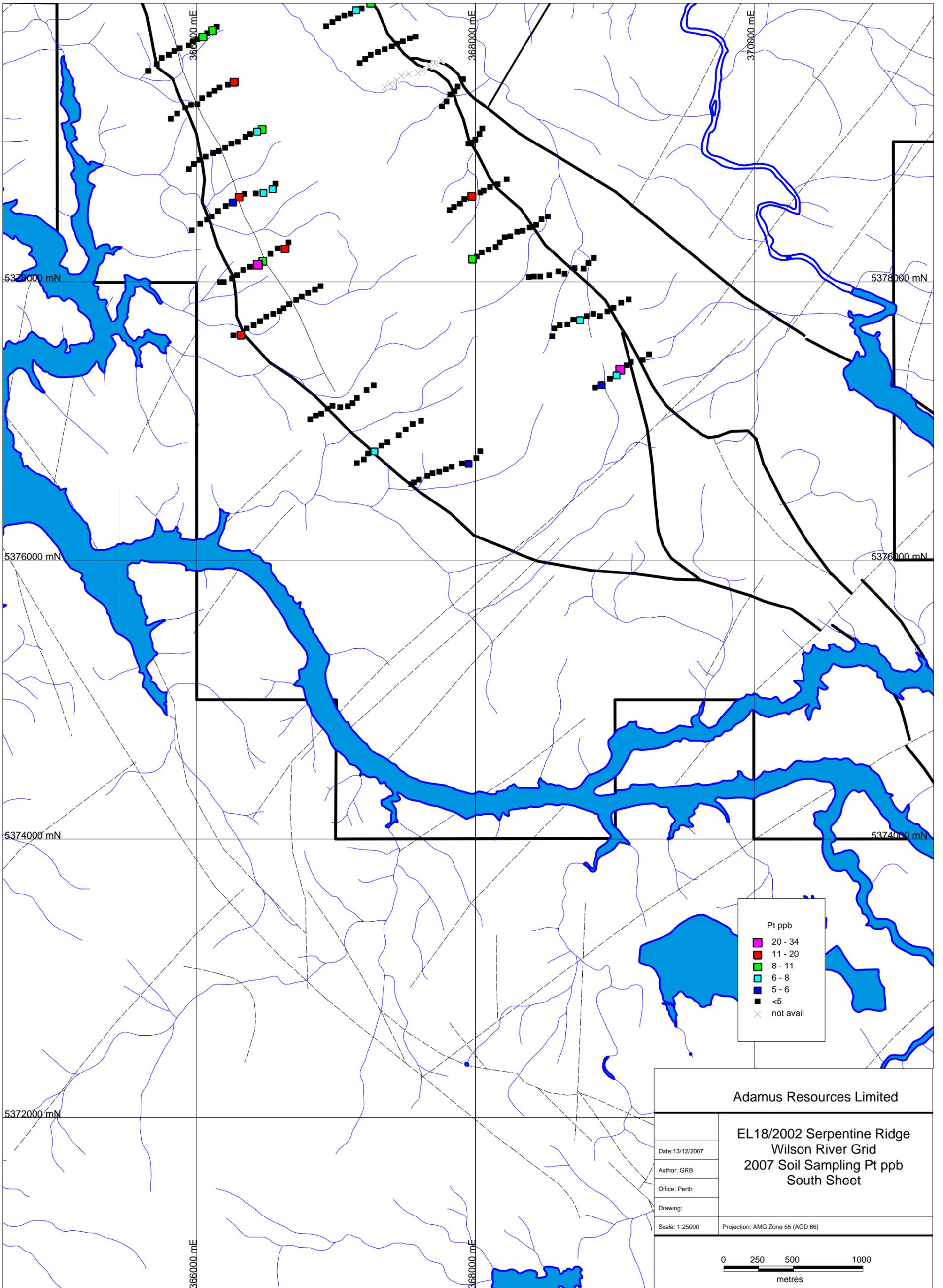
Projection: AMG Zone 55 (AGD 66)

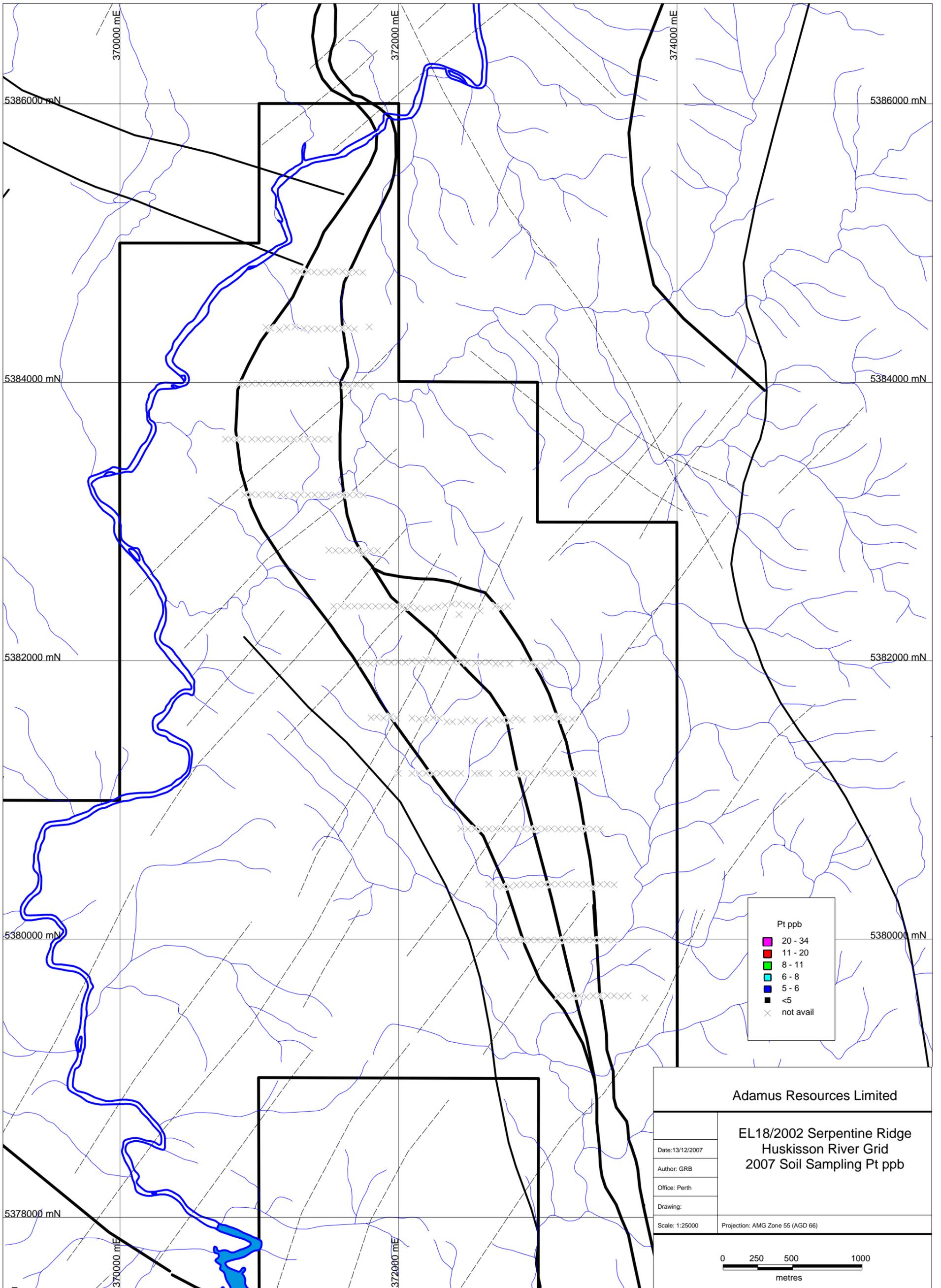


Pt ppb

- 20 - 34
- 11 - 20
- 8 - 11
- 6 - 8
- 5 - 6
- <5
- × not avail







Pt ppb	
■	20 - 34
■	11 - 20
■	8 - 11
■	6 - 8
■	5 - 6
■	<5
×	not avail

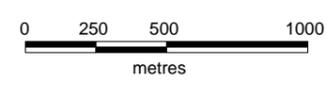
Adamus Resources Limited

**EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Pt ppb**

Date: 13/12/2007
 Author: GRB
 Office: Perth
 Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Pd ppb
North Sheet

Date: 13/12/2007

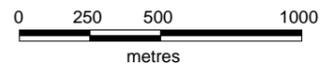
Author: GRB

Office: Perth

Drawing:

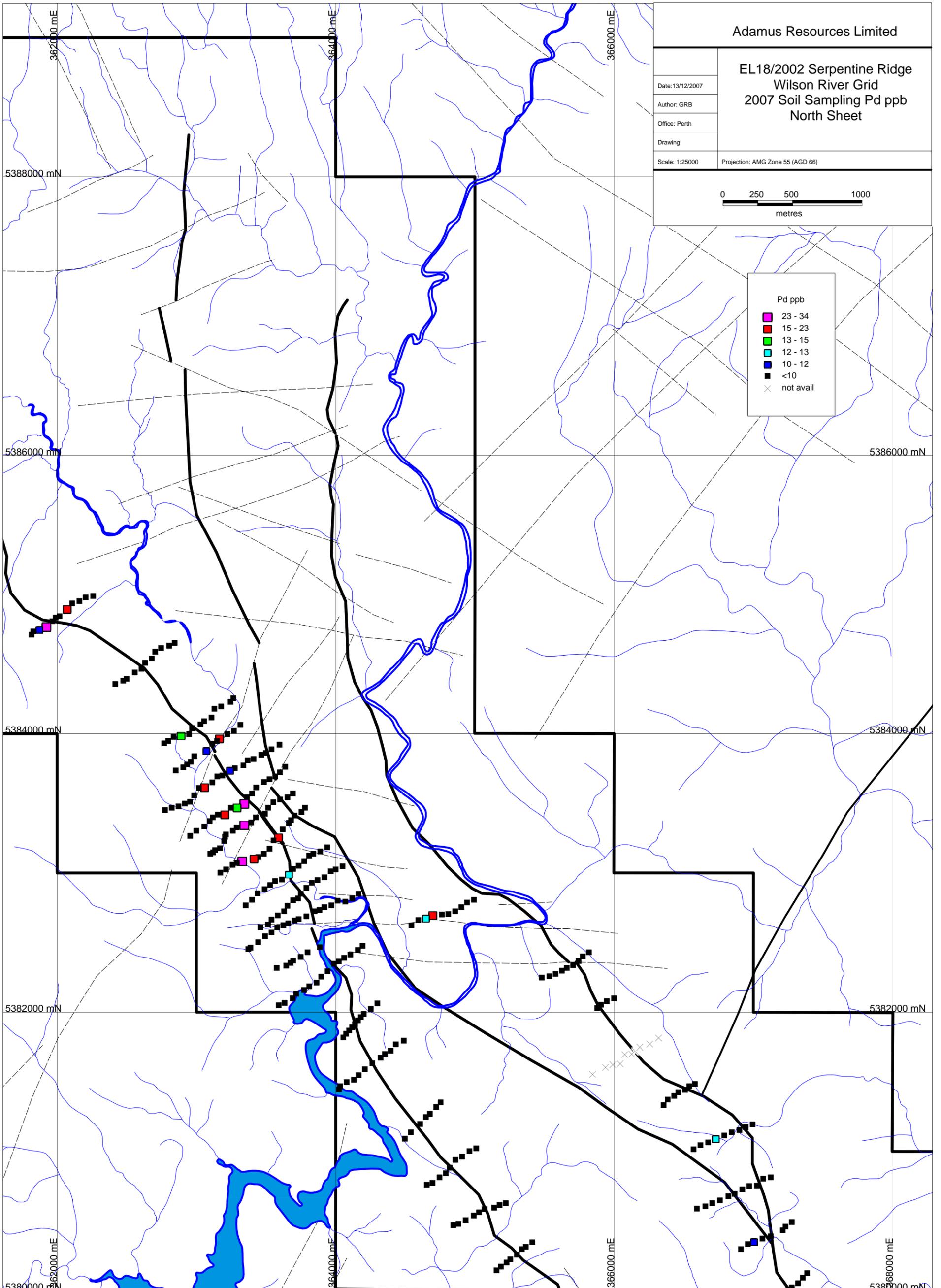
Scale: 1:25000

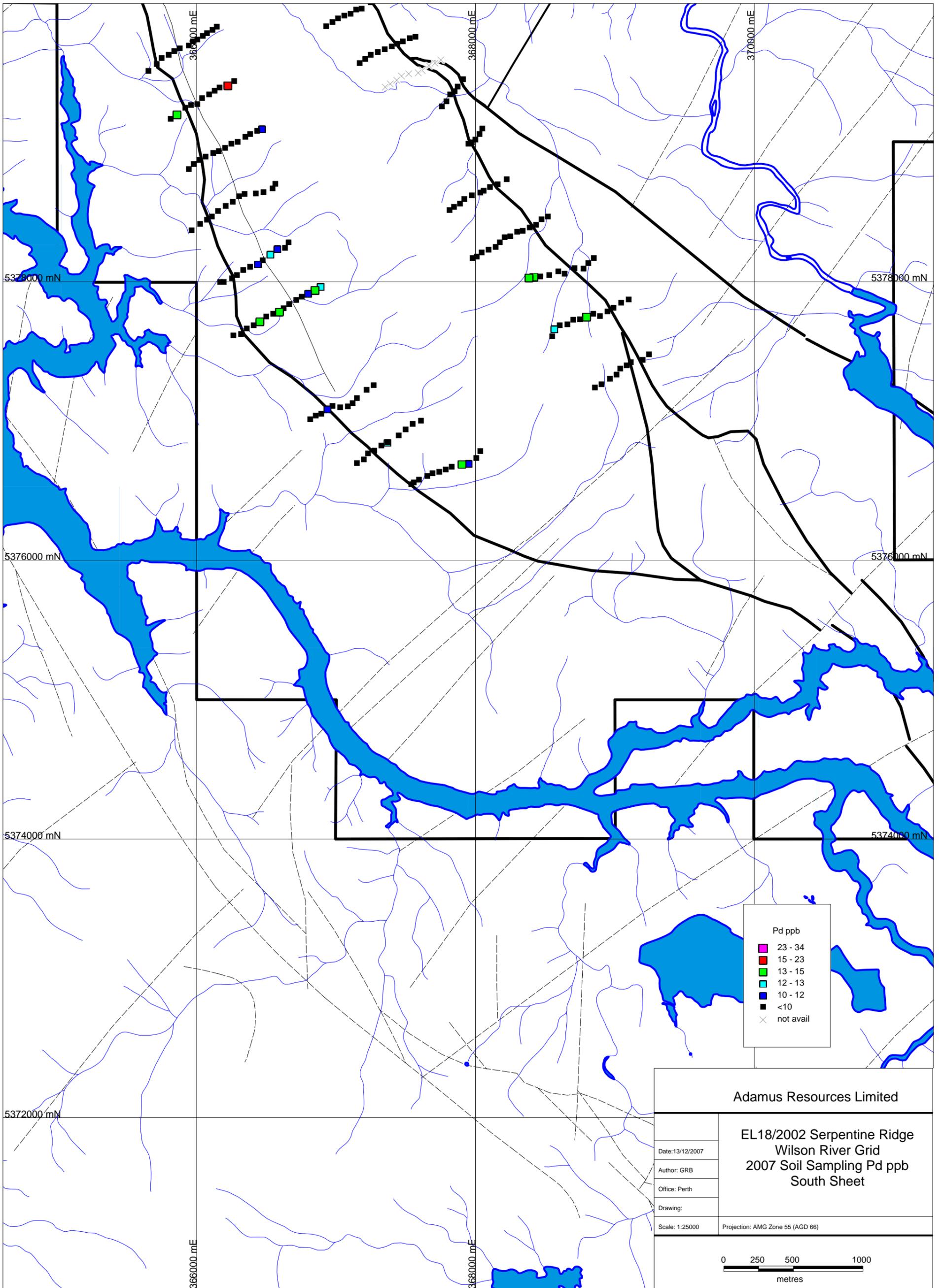
Projection: AMG Zone 55 (AGD 66)



Pd ppb

- 23 - 34
- 15 - 23
- 13 - 15
- 12 - 13
- 10 - 12
- <10
- × not avail





Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Pd ppb
South Sheet

Date: 13/12/2007

Author: GRB

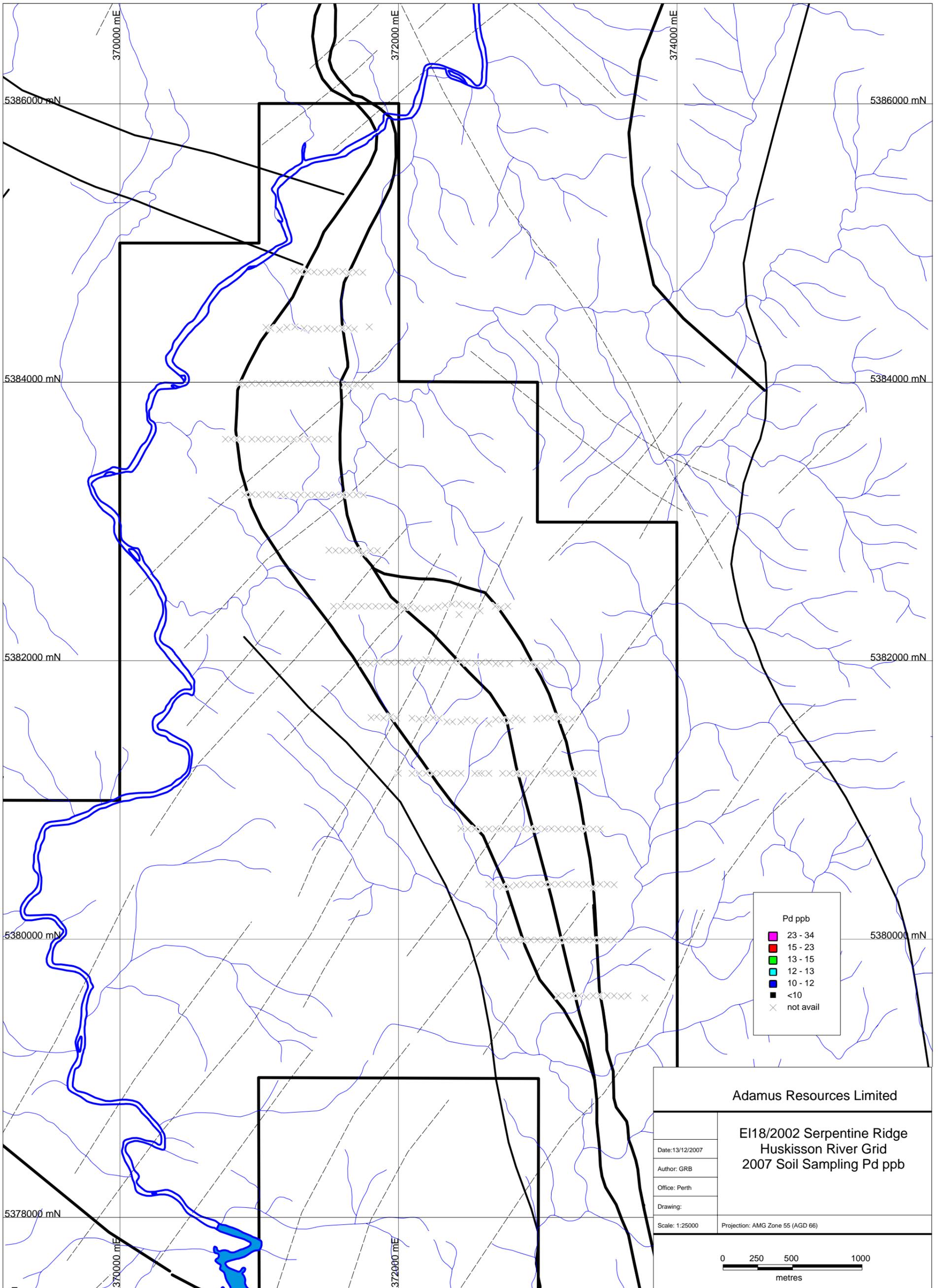
Office: Perth

Drawing:

Scale: 1:25000

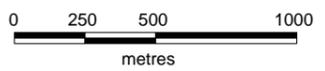
Projection: AMG Zone 55 (AGD 66)

0 250 500 1000
metres



Pd ppb	
23 - 34	[Pink square]
15 - 23	[Red square]
13 - 15	[Green square]
12 - 13	[Cyan square]
10 - 12	[Blue square]
<10	[Black square]
not avail	[x symbol]

Adamus Resources Limited	
E118/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Pd ppb	
Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Cr ppm
North Sheet

Date: 13/12/2007

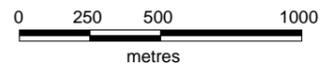
Author: GRB

Office: Perth

Drawing:

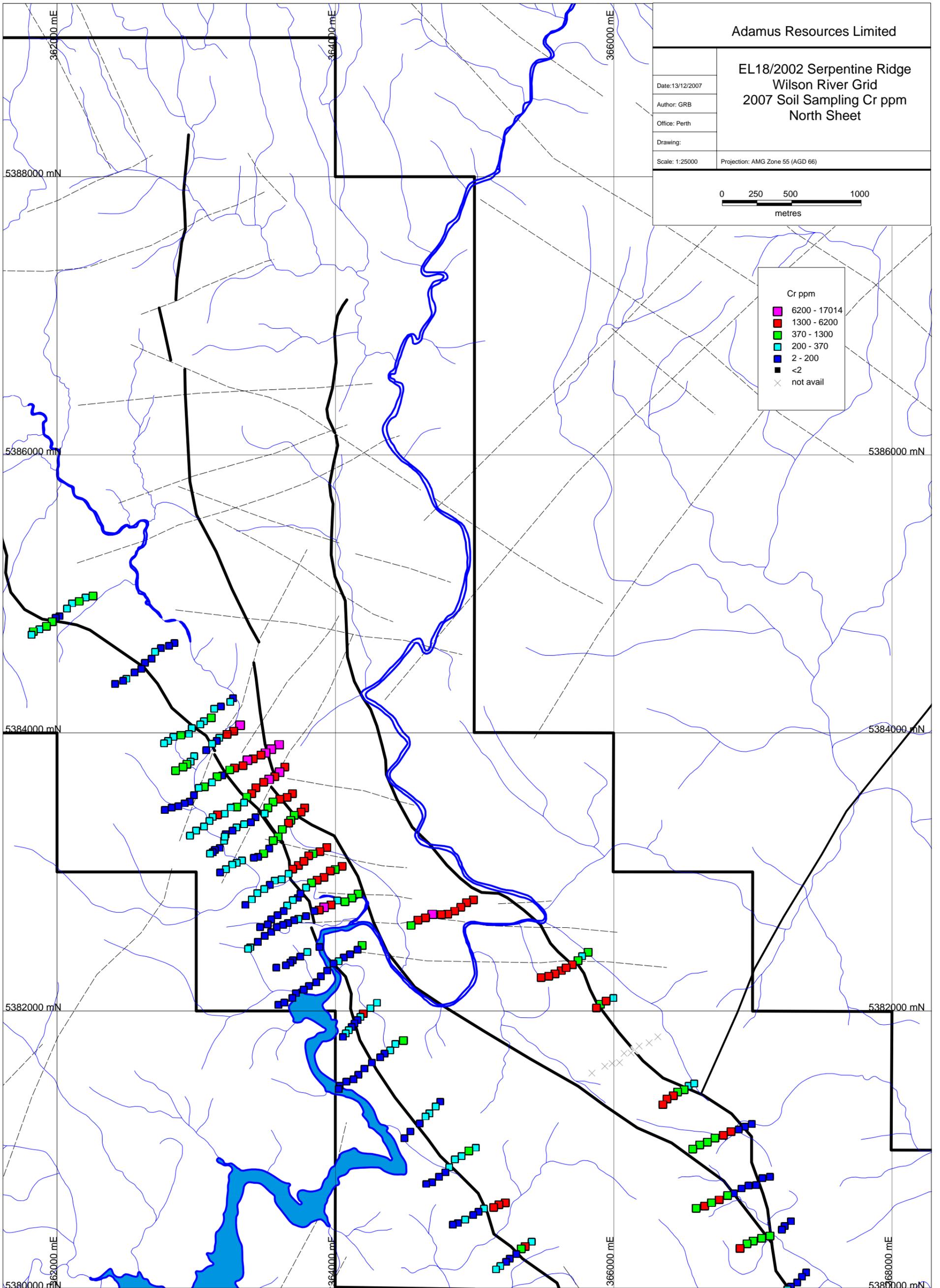
Scale: 1:25000

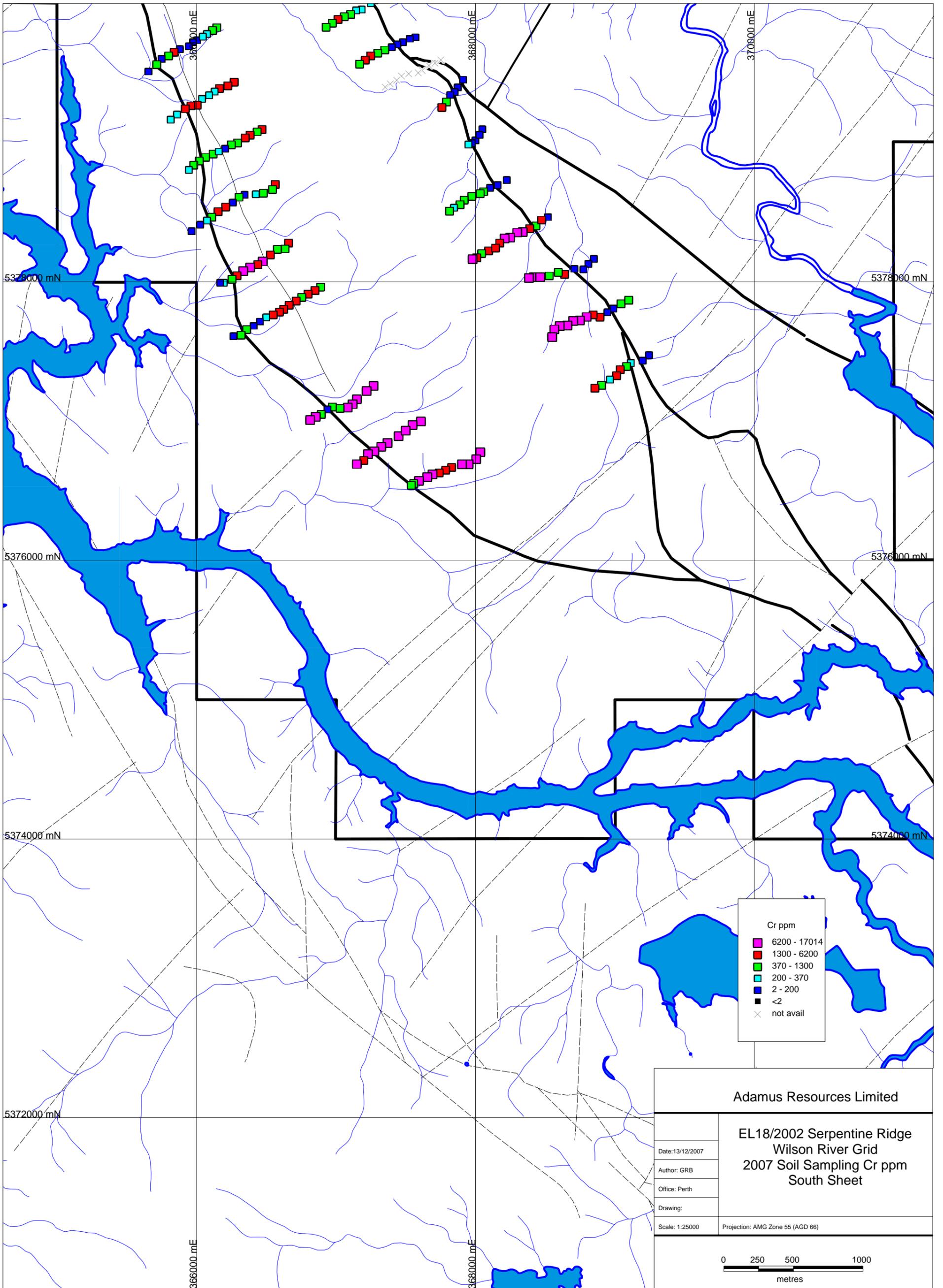
Projection: AMG Zone 55 (AGD 66)



Cr ppm

- 6200 - 17014
- 1300 - 6200
- 370 - 1300
- 200 - 370
- 2 - 200
- <2
- not avail





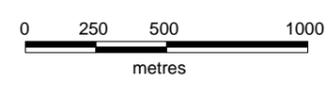
Cr ppm	
■	6200 - 17014
■	1300 - 6200
■	370 - 1300
■	200 - 370
■	2 - 200
■	<2
×	not avail

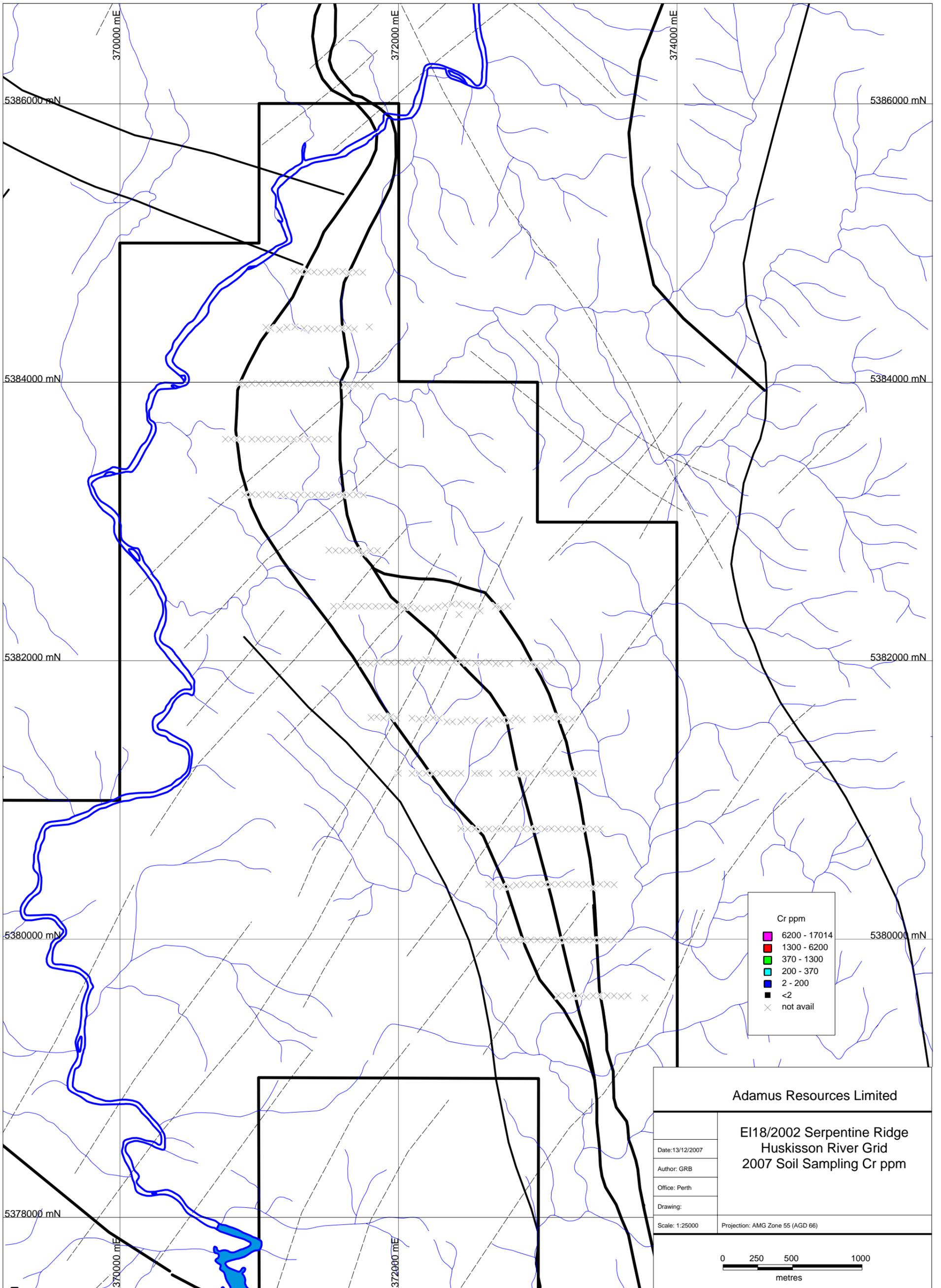
Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Cr ppm
South Sheet

Date: 13/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)





Cr ppm	
■	6200 - 17014
■	1300 - 6200
■	370 - 1300
■	200 - 370
■	2 - 200
■	<2
×	not avail

Adamus Resources Limited

E118/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Cr ppm

Date: 13/12/2007

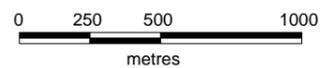
Author: GRB

Office: Perth

Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Fe %
North Sheet

Date: 13/12/2007

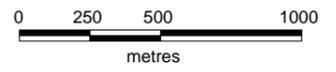
Author: GRB

Office: Perth

Drawing:

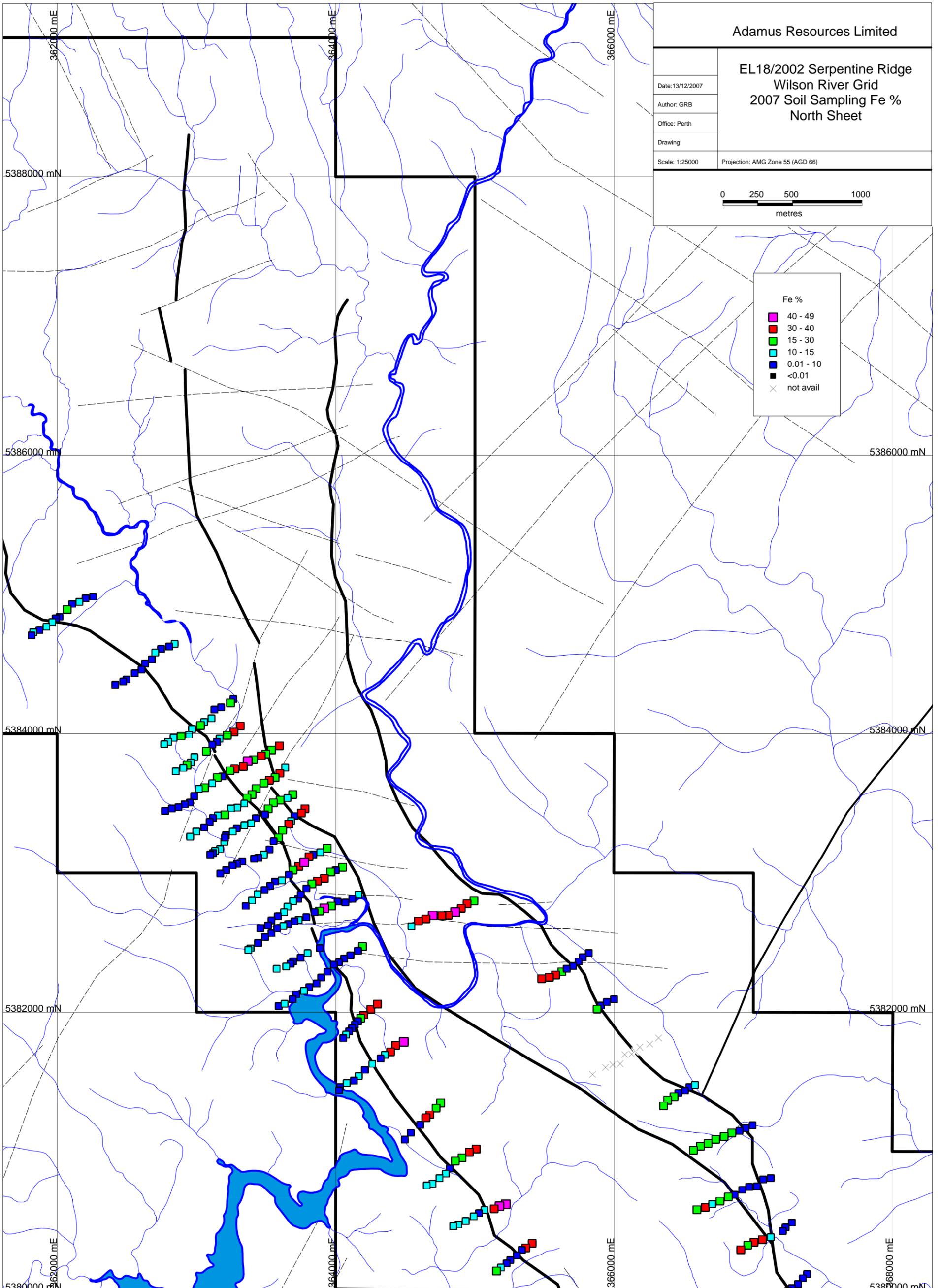
Scale: 1:25000

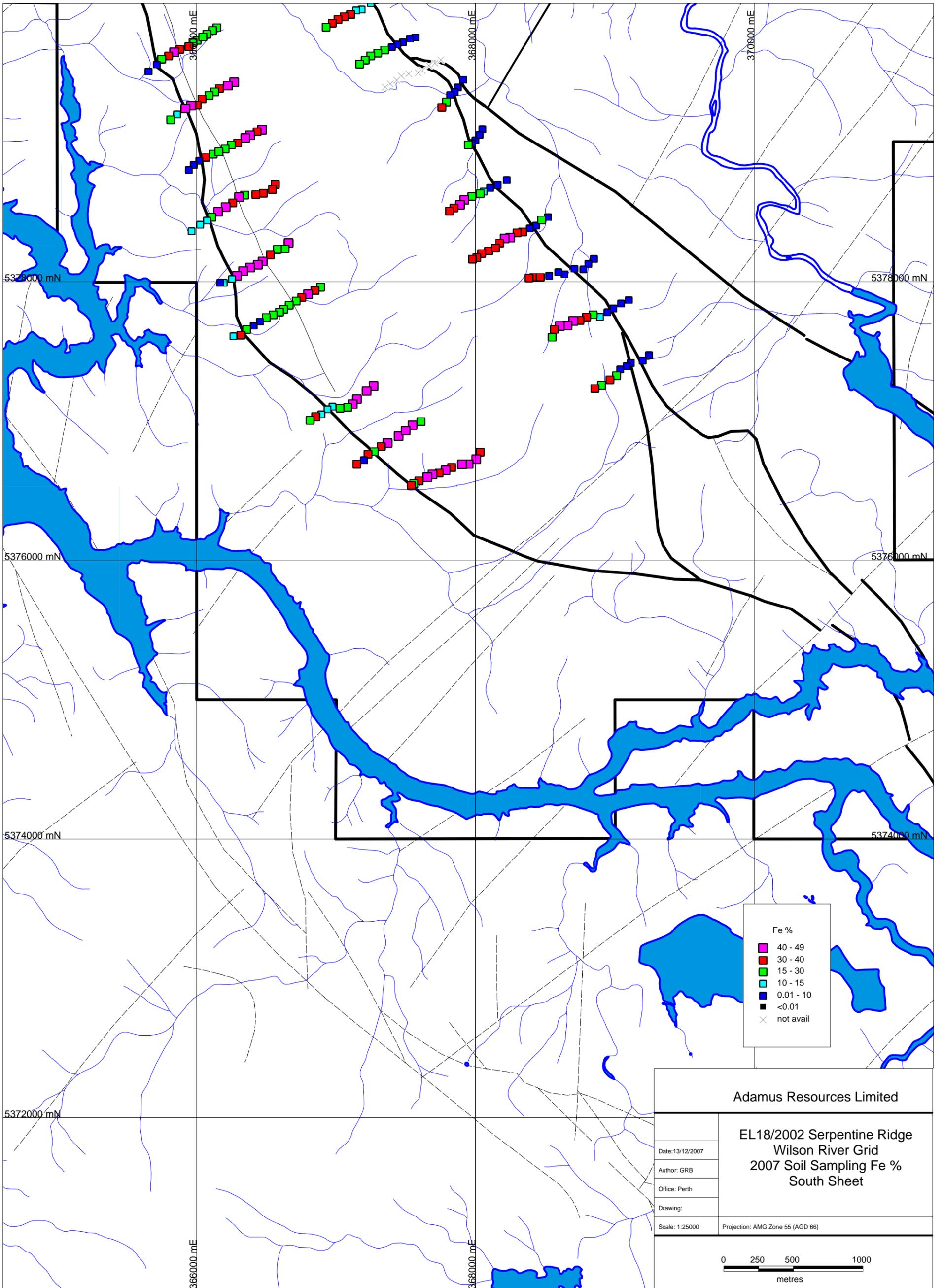
Projection: AMG Zone 55 (AGD 66)

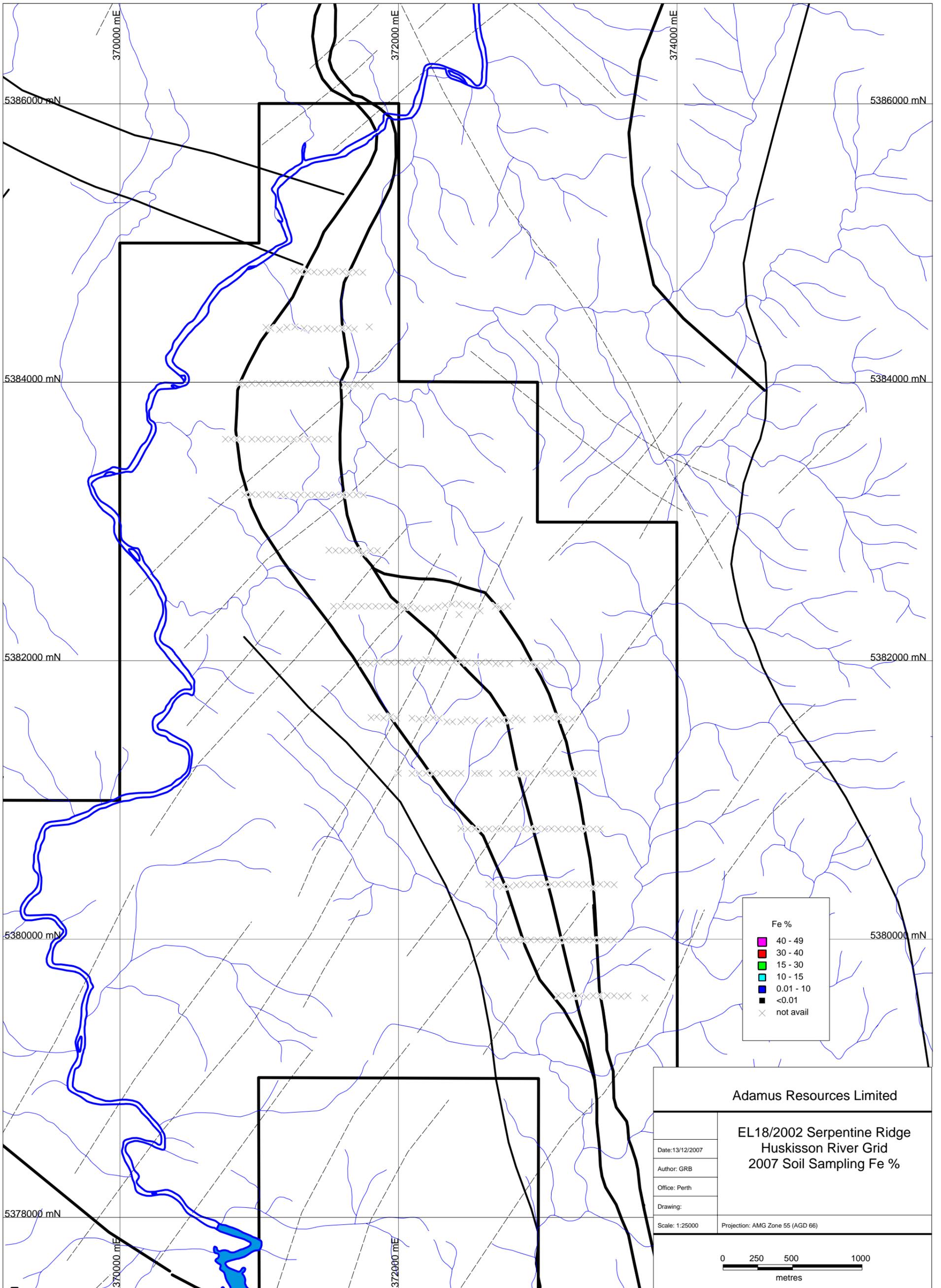


Fe %

- 40 - 49
- 30 - 40
- 15 - 30
- 10 - 15
- 0.01 - 10
- <0.01
- not avail





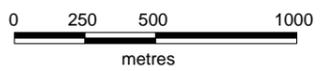


Fe %	
	40 - 49
	30 - 40
	15 - 30
	10 - 15
	0.01 - 10
	<0.01
x	not avail

Adamus Resources Limited

**EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Fe %**

Date: 13/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Mg %
North Sheet

Date: 14/12/2007

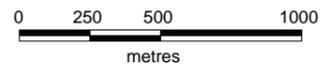
Author: GRB

Office: Perth

Drawing:

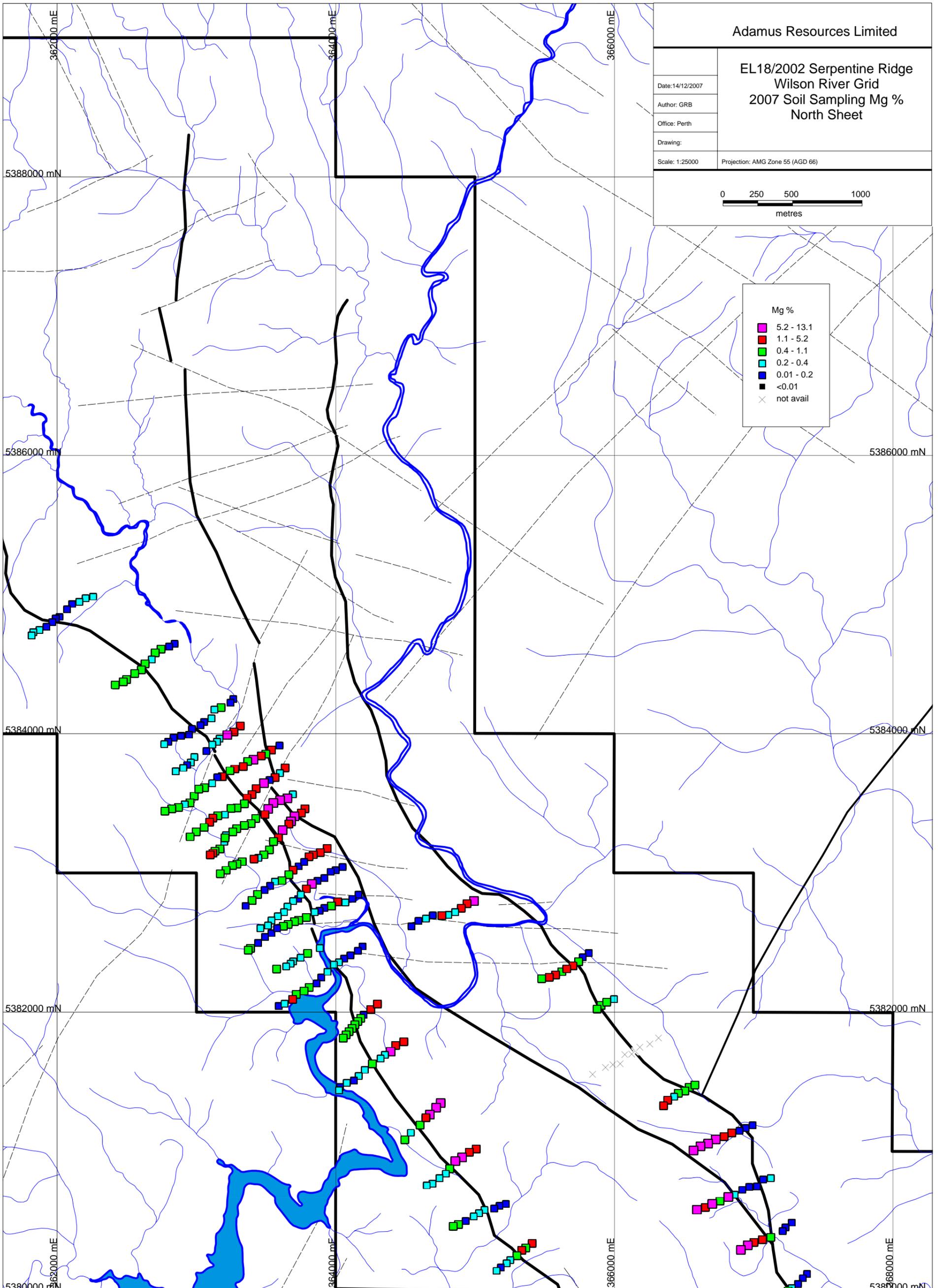
Scale: 1:25000

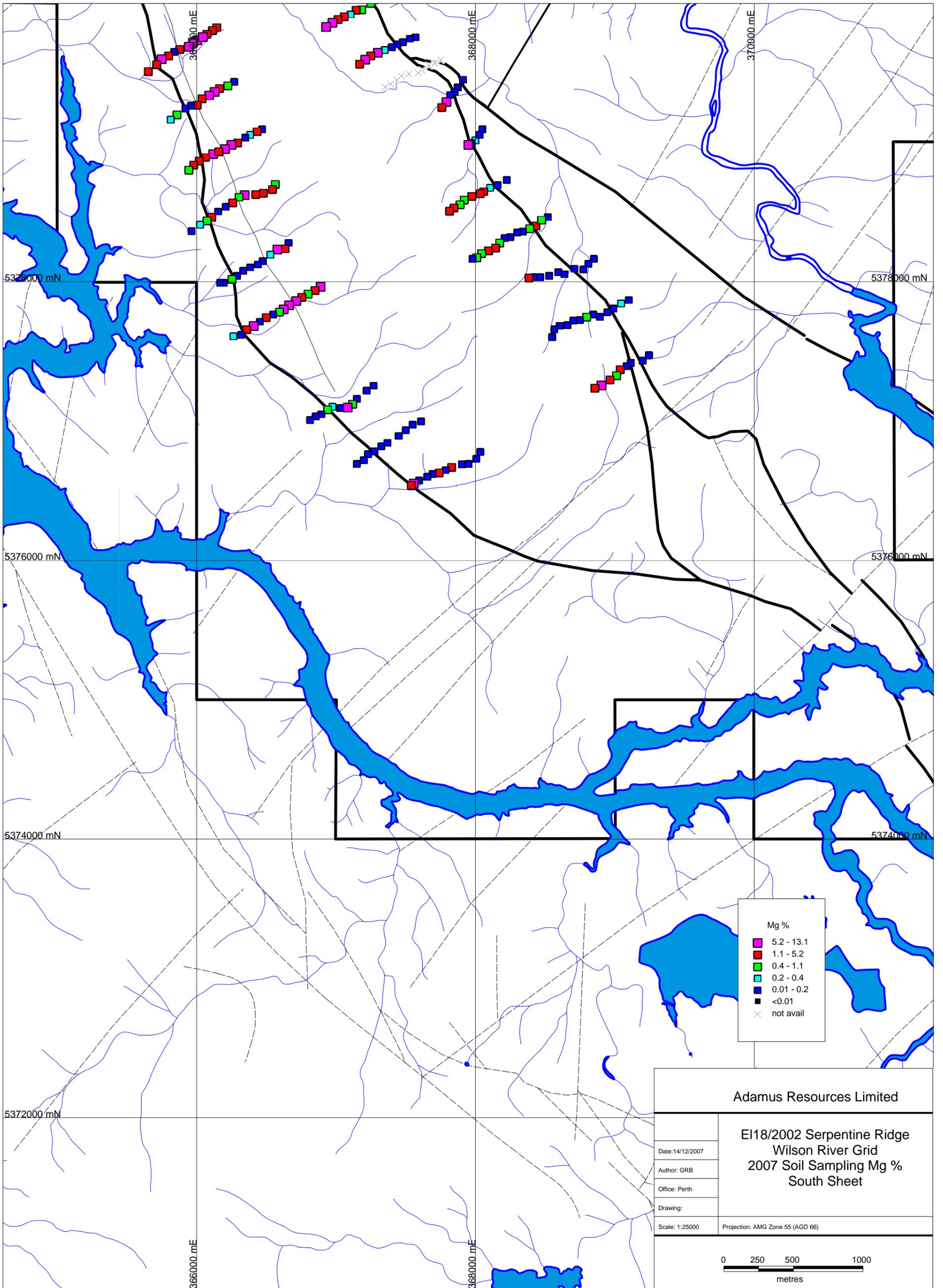
Projection: AMG Zone 55 (AGD 66)

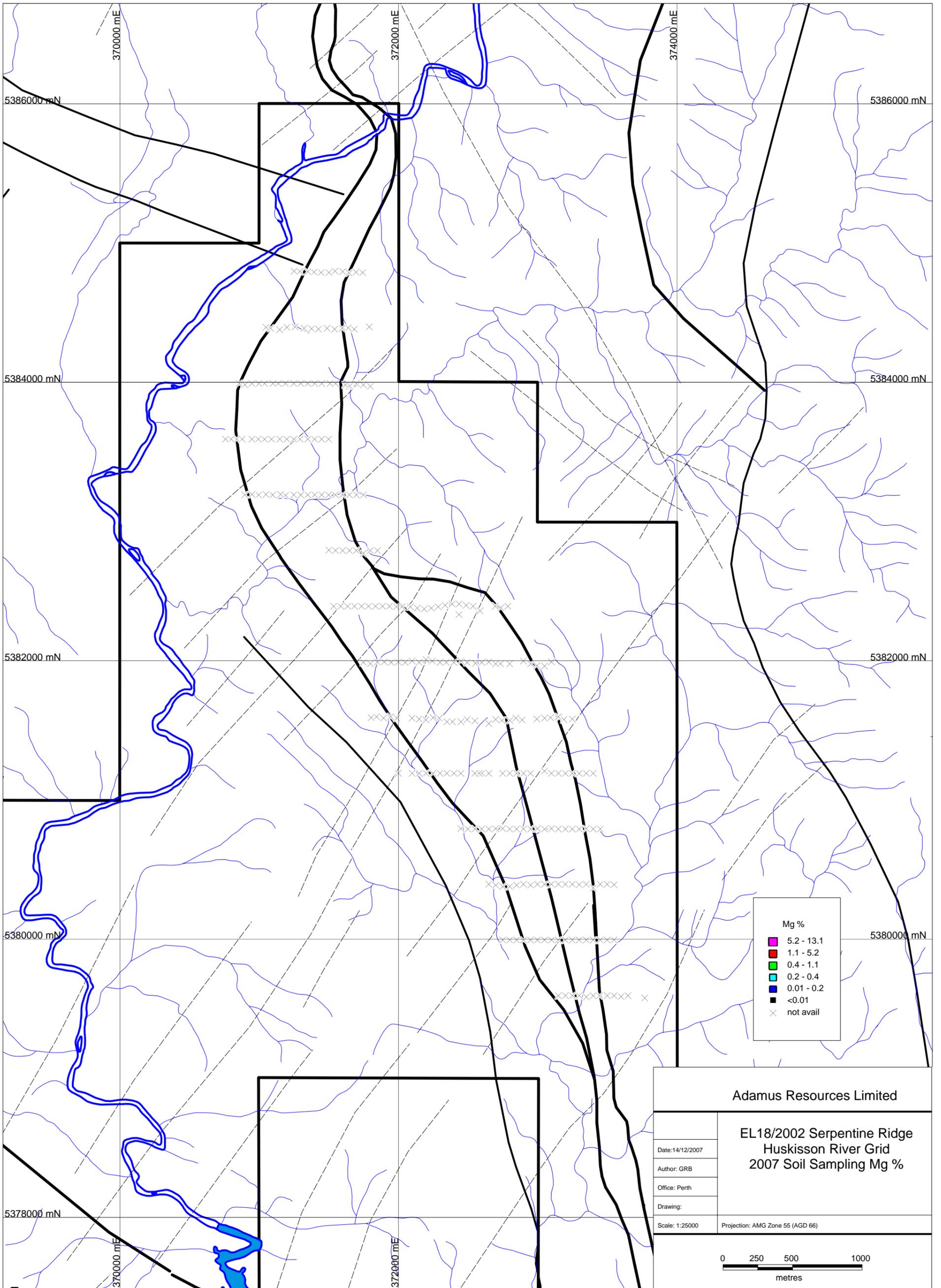


Mg %

- 5.2 - 13.1
- 1.1 - 5.2
- 0.4 - 1.1
- 0.2 - 0.4
- 0.01 - 0.2
- <0.01
- not avail







Mg %	
	5.2 - 13.1
	1.1 - 5.2
	0.4 - 1.1
	0.2 - 0.4
	0.01 - 0.2
	<0.01
x	not avail

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Mg %	
Date: 14/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Mo ppm
North Sheet

Date: 14/12/2007

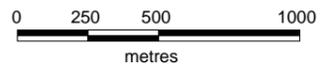
Author: GRB

Office: Perth

Drawing:

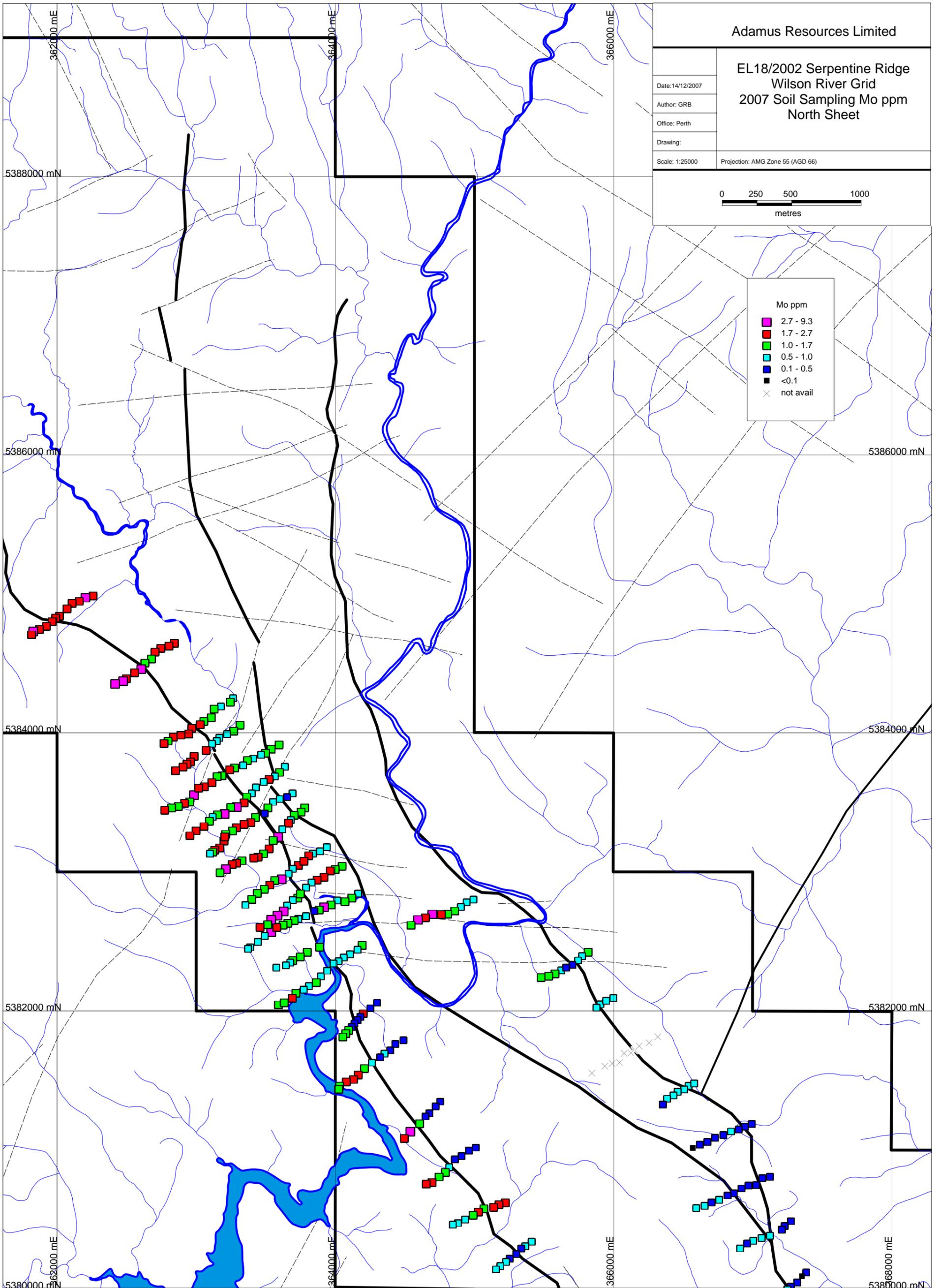
Scale: 1:25000

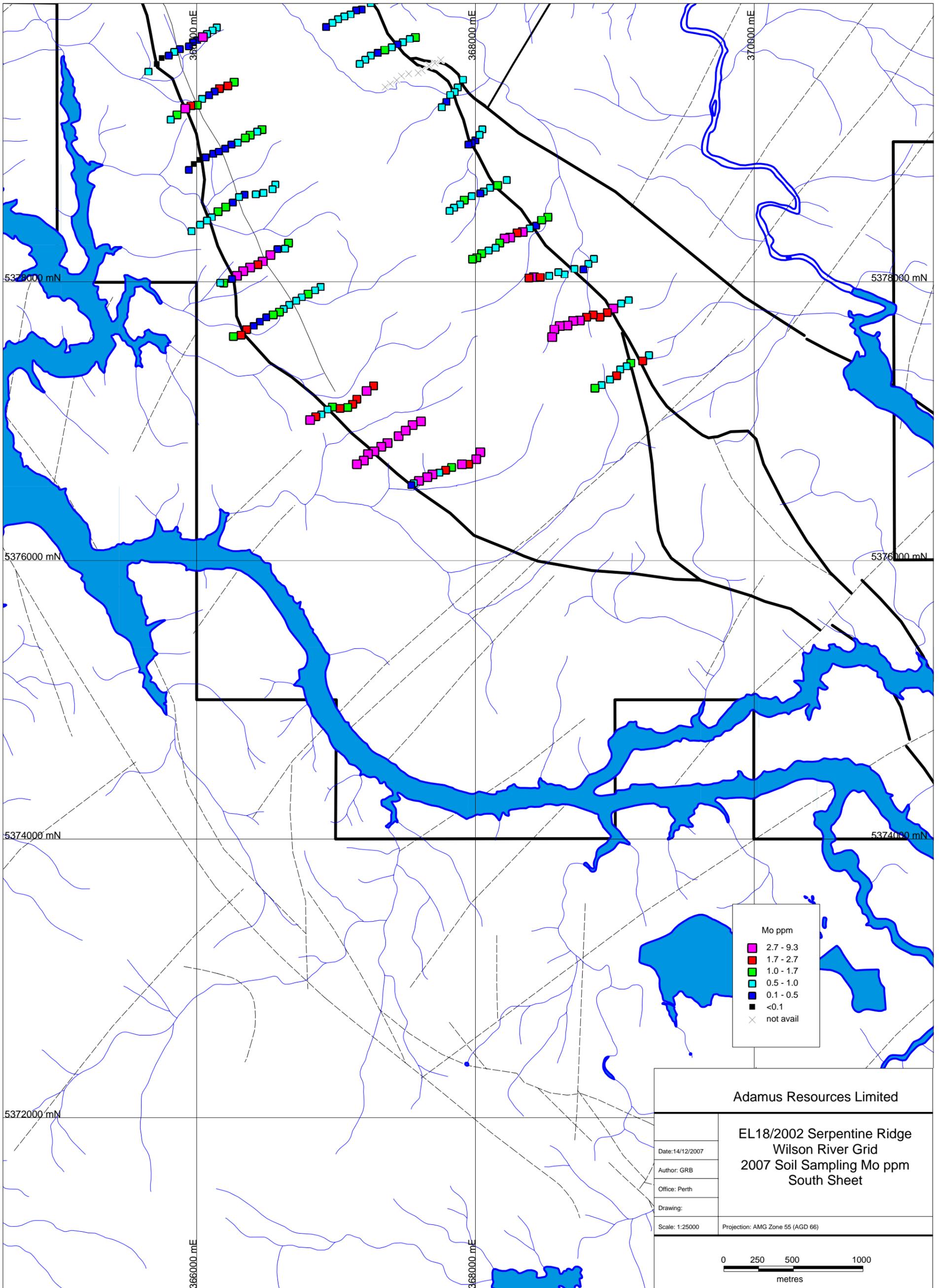
Projection: AMG Zone 55 (AGD 66)

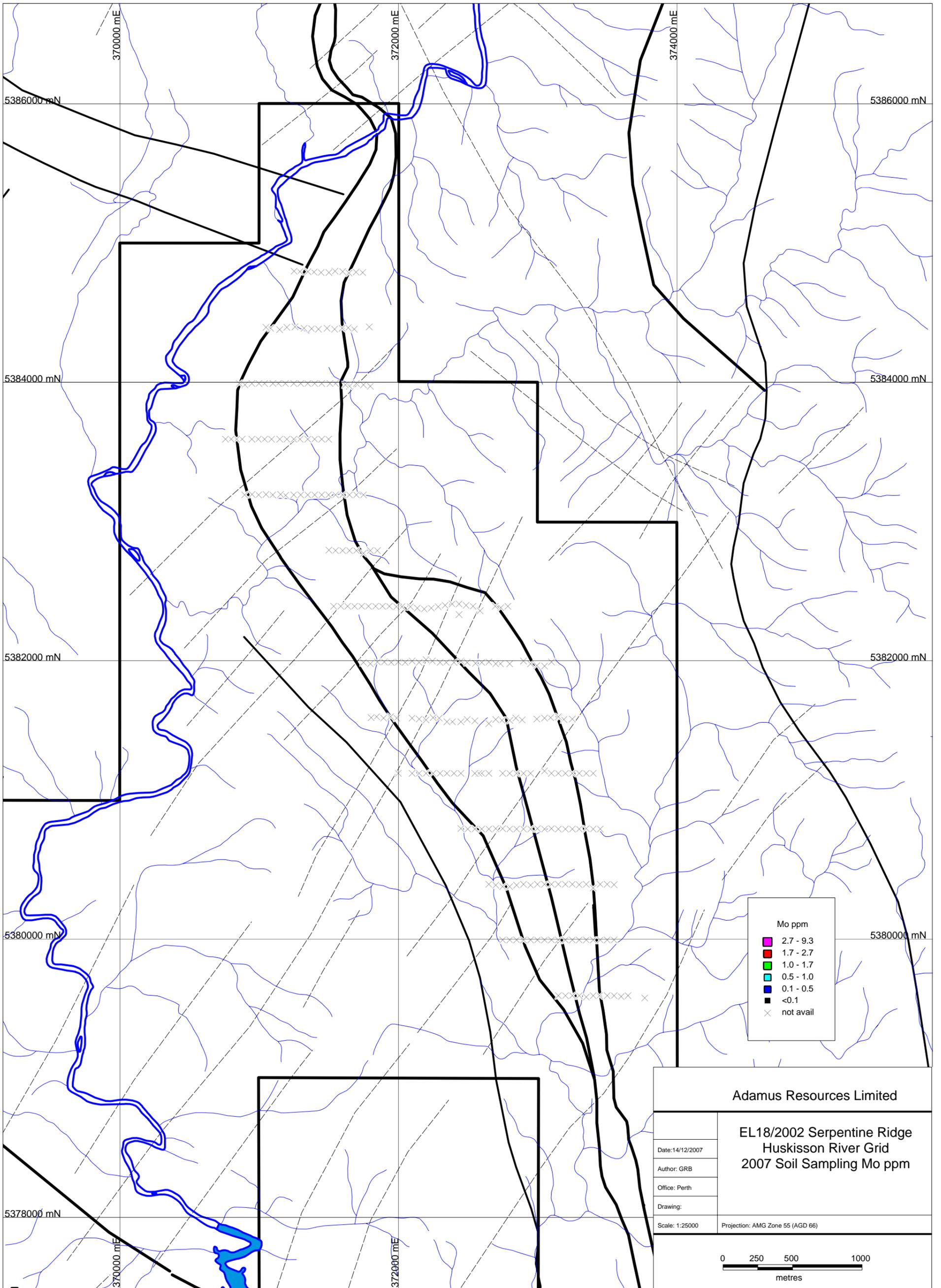


Mo ppm

- 2.7 - 9.3
- 1.7 - 2.7
- 1.0 - 1.7
- 0.5 - 1.0
- 0.1 - 0.5
- <0.1
- × not avail



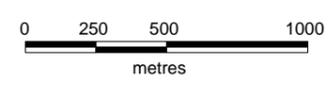




Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Mo ppm

Date: 14/12/2007
Author: GRB
Office: Perth
Drawing:
Scale: 1:25000
Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Sb ppm
North Sheet

Date: 14/12/2007

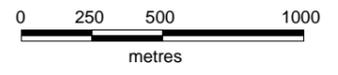
Author: GRB

Office: Perth

Drawing:

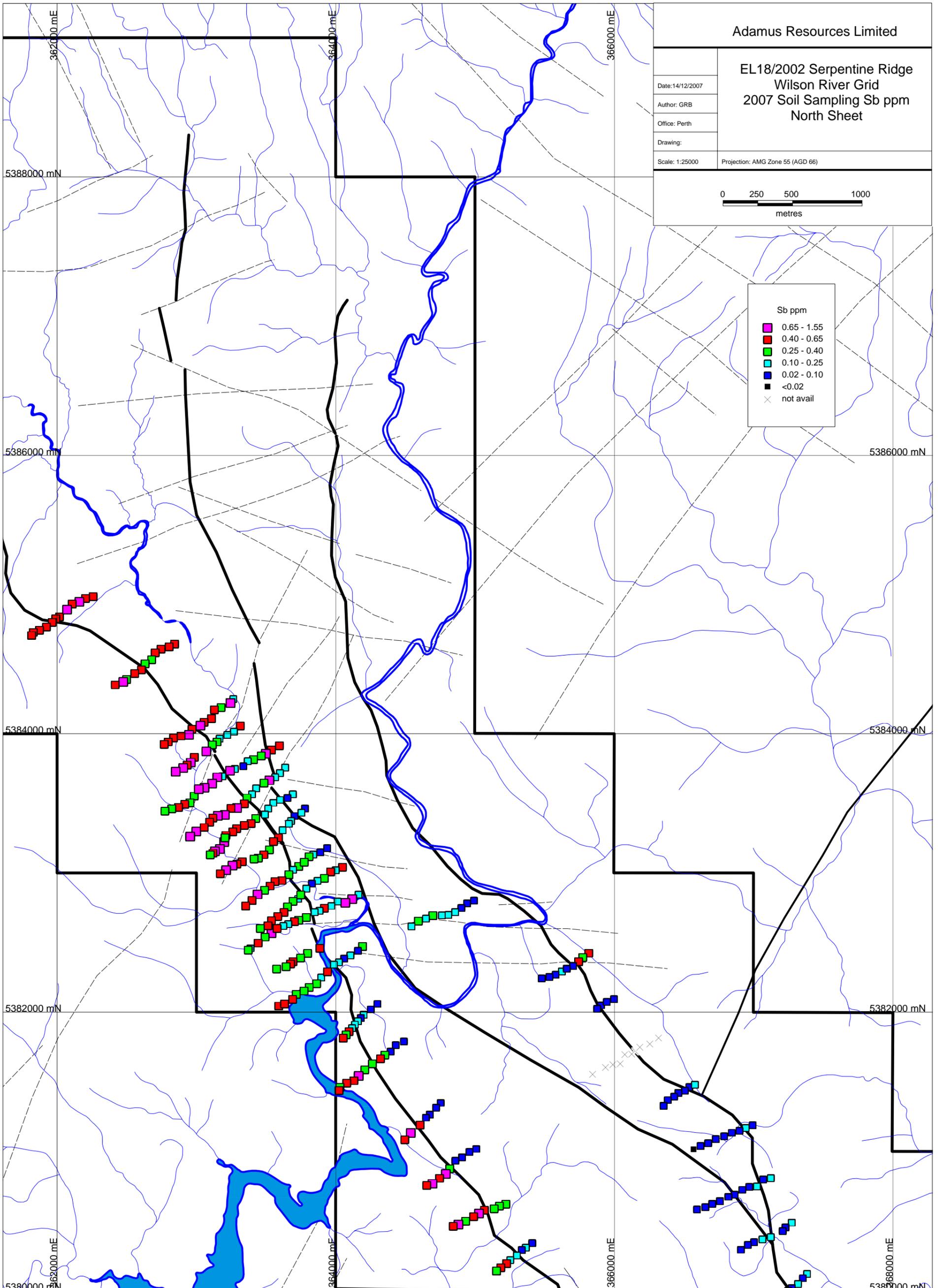
Scale: 1:25000

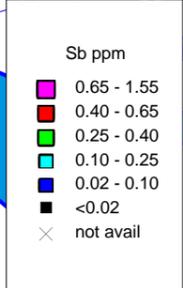
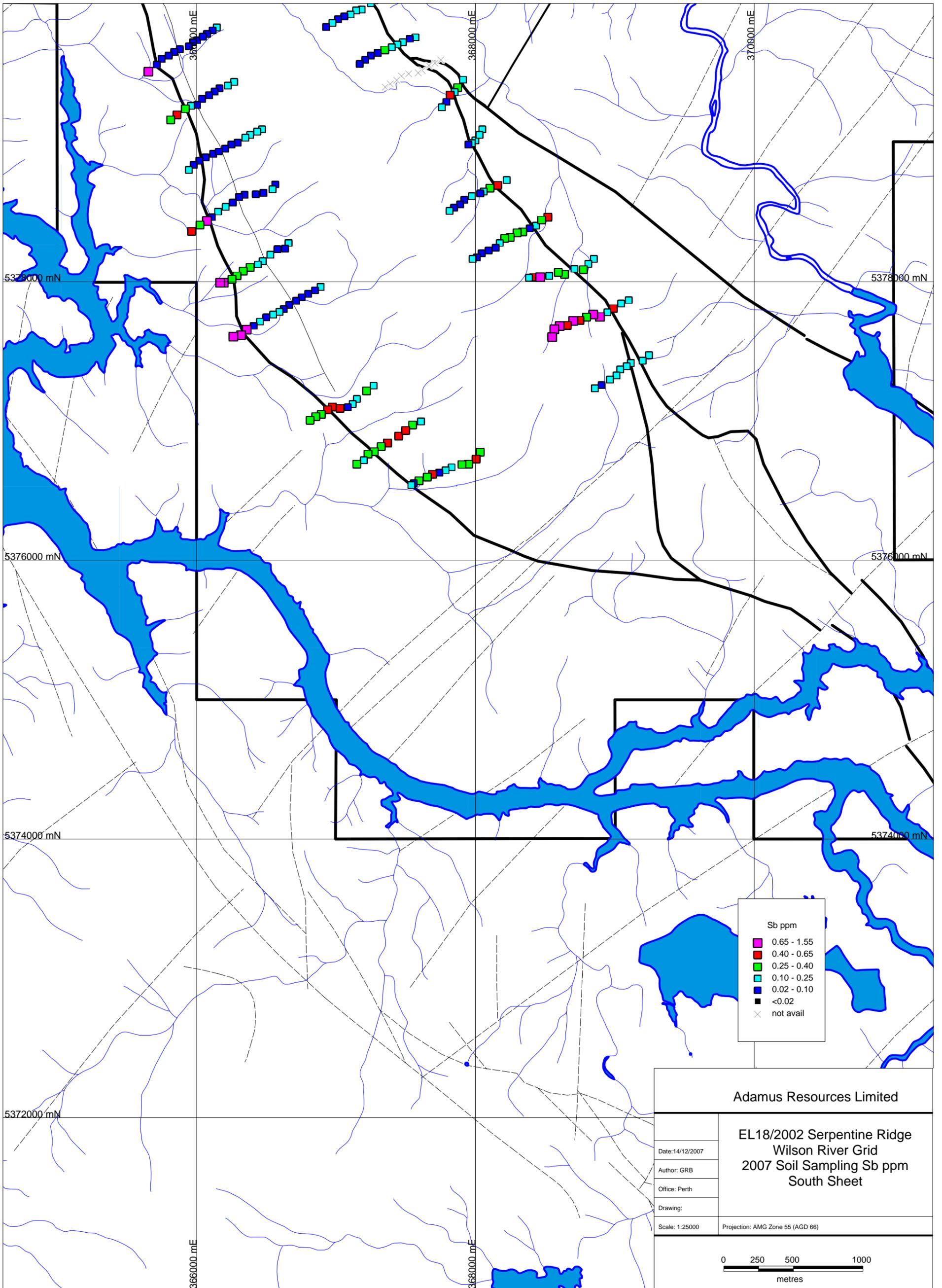
Projection: AMG Zone 55 (AGD 66)



Sb ppm

- 0.65 - 1.55
- 0.40 - 0.65
- 0.25 - 0.40
- 0.10 - 0.25
- 0.02 - 0.10
- <0.02
- not avail

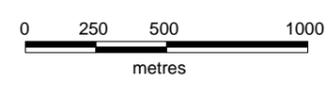


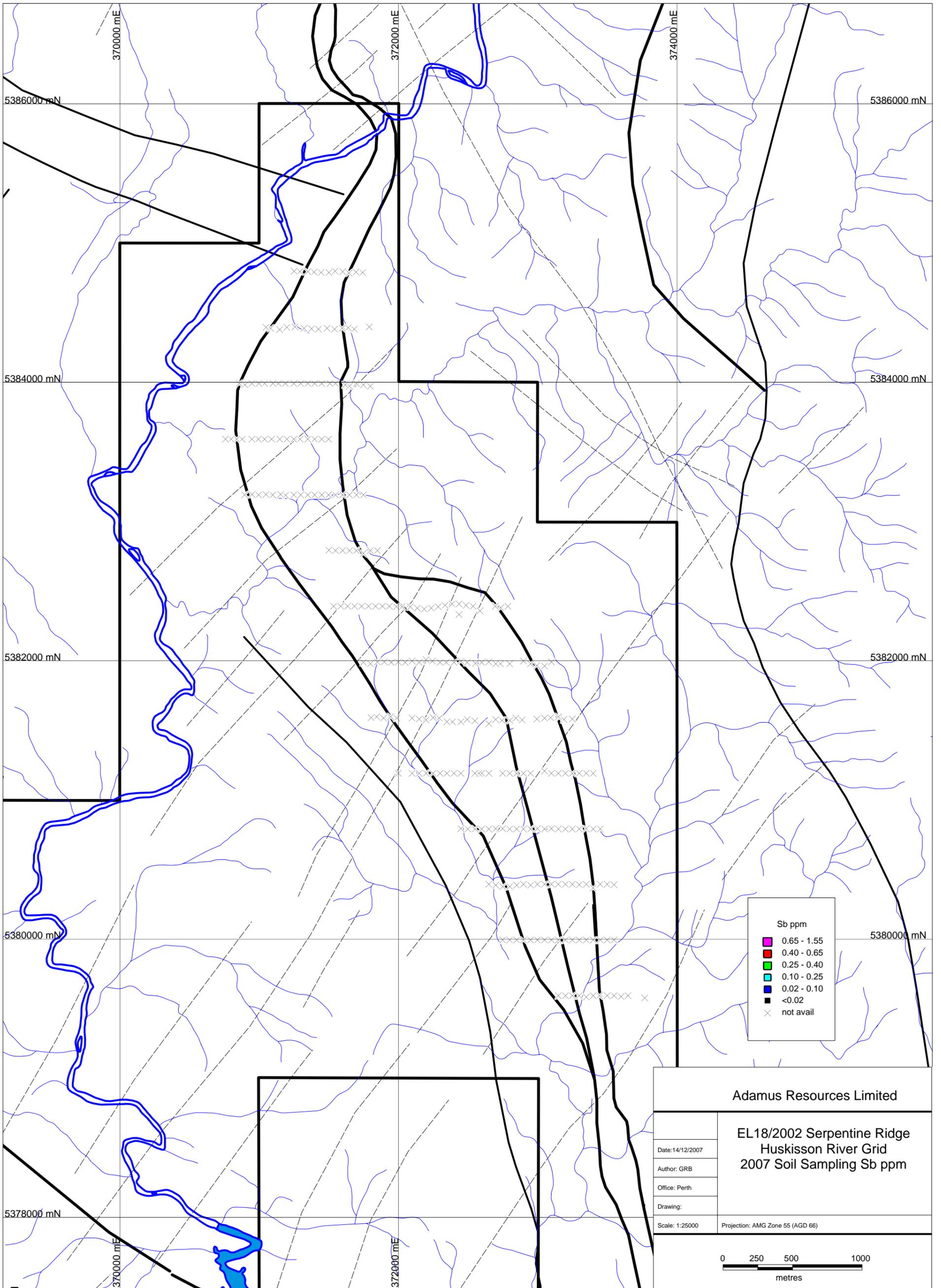


Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Sb ppm
South Sheet

Date: 14/12/2007
Author: GRB
Office: Perth
Drawing:
Scale: 1:25000
Projection: AMG Zone 55 (AGD 66)





Sb ppm

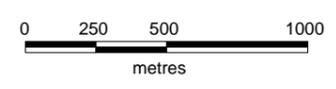
- 0.65 - 1.55
- 0.40 - 0.65
- 0.25 - 0.40
- 0.10 - 0.25
- 0.02 - 0.10
- <0.02
- x not available

Adamus Resources Limited

**EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Sb ppm**

Date: 14/12/2007
 Author: GRB
 Office: Perth
 Drawing:
 Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Sn ppm
North Sheet

Date: 14/12/2007

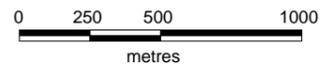
Author: GRB

Office: Perth

Drawing:

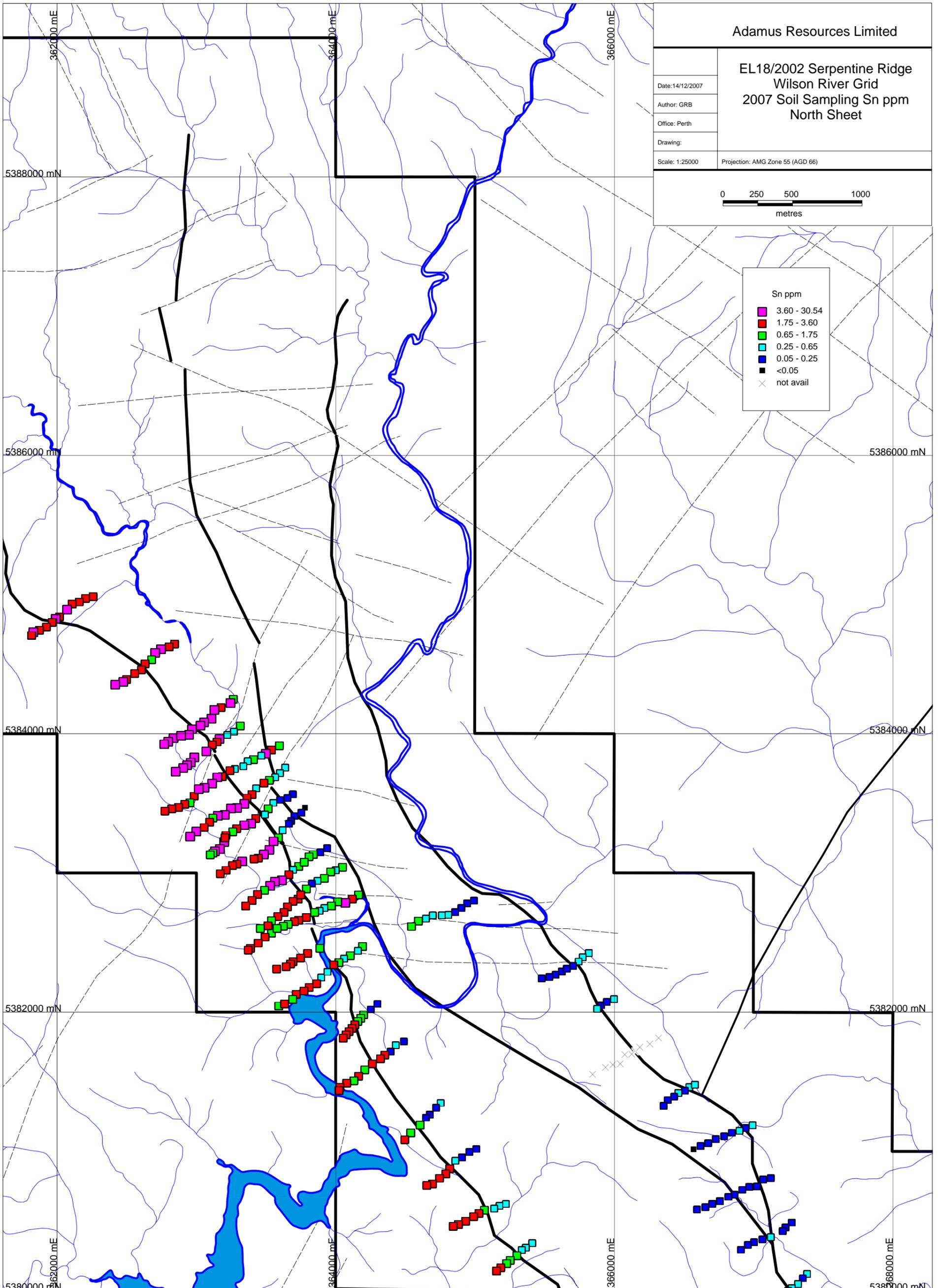
Scale: 1:25000

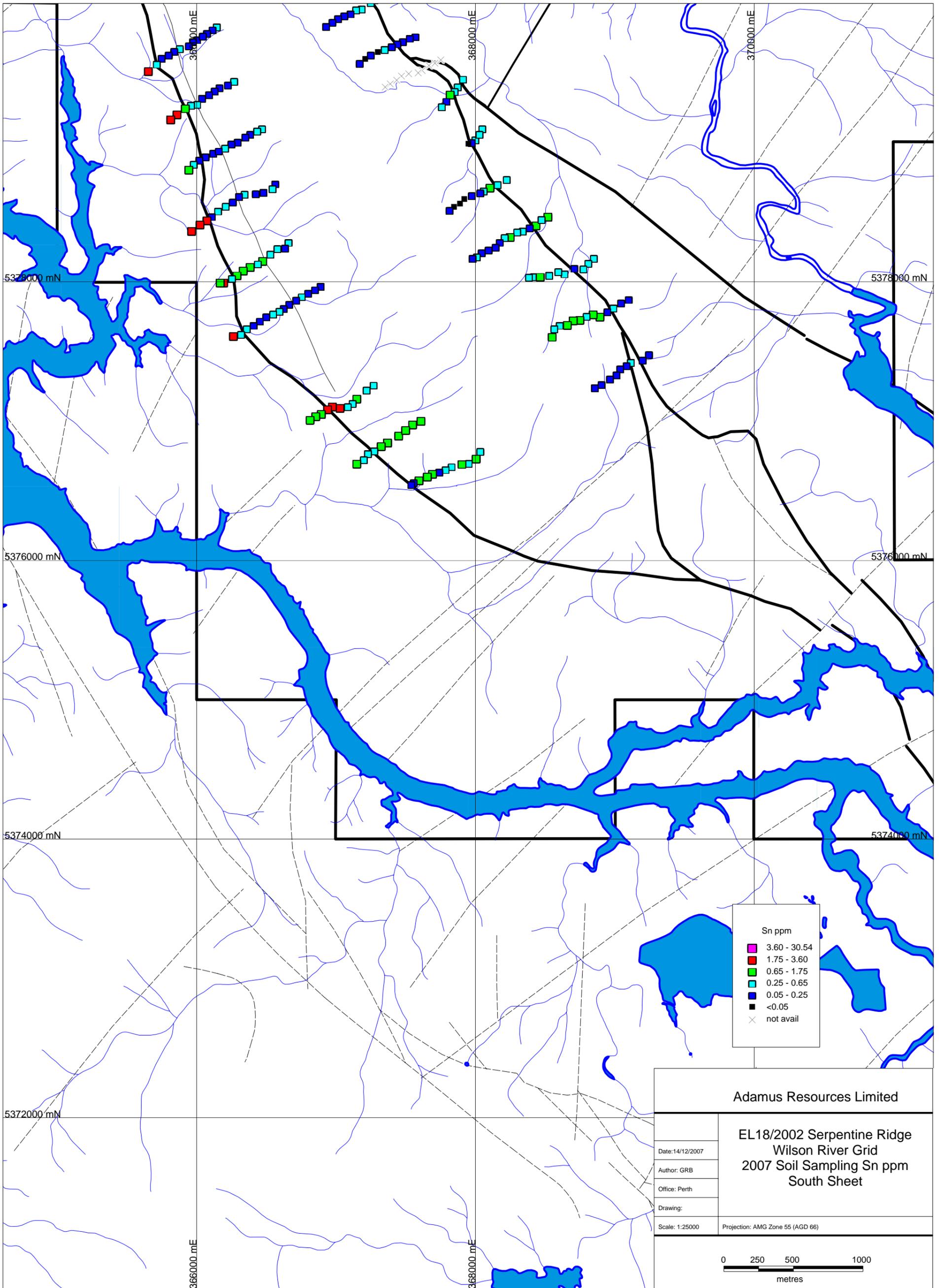
Projection: AMG Zone 55 (AGD 66)



Sn ppm

- 3.60 - 30.54
- 1.75 - 3.60
- 0.65 - 1.75
- 0.25 - 0.65
- 0.05 - 0.25
- <0.05
- not avail





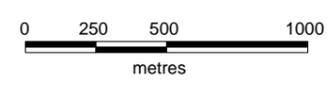
Sn ppm	
■	3.60 - 30.54
■	1.75 - 3.60
■	0.65 - 1.75
■	0.25 - 0.65
■	0.05 - 0.25
■	<0.05
×	not avail

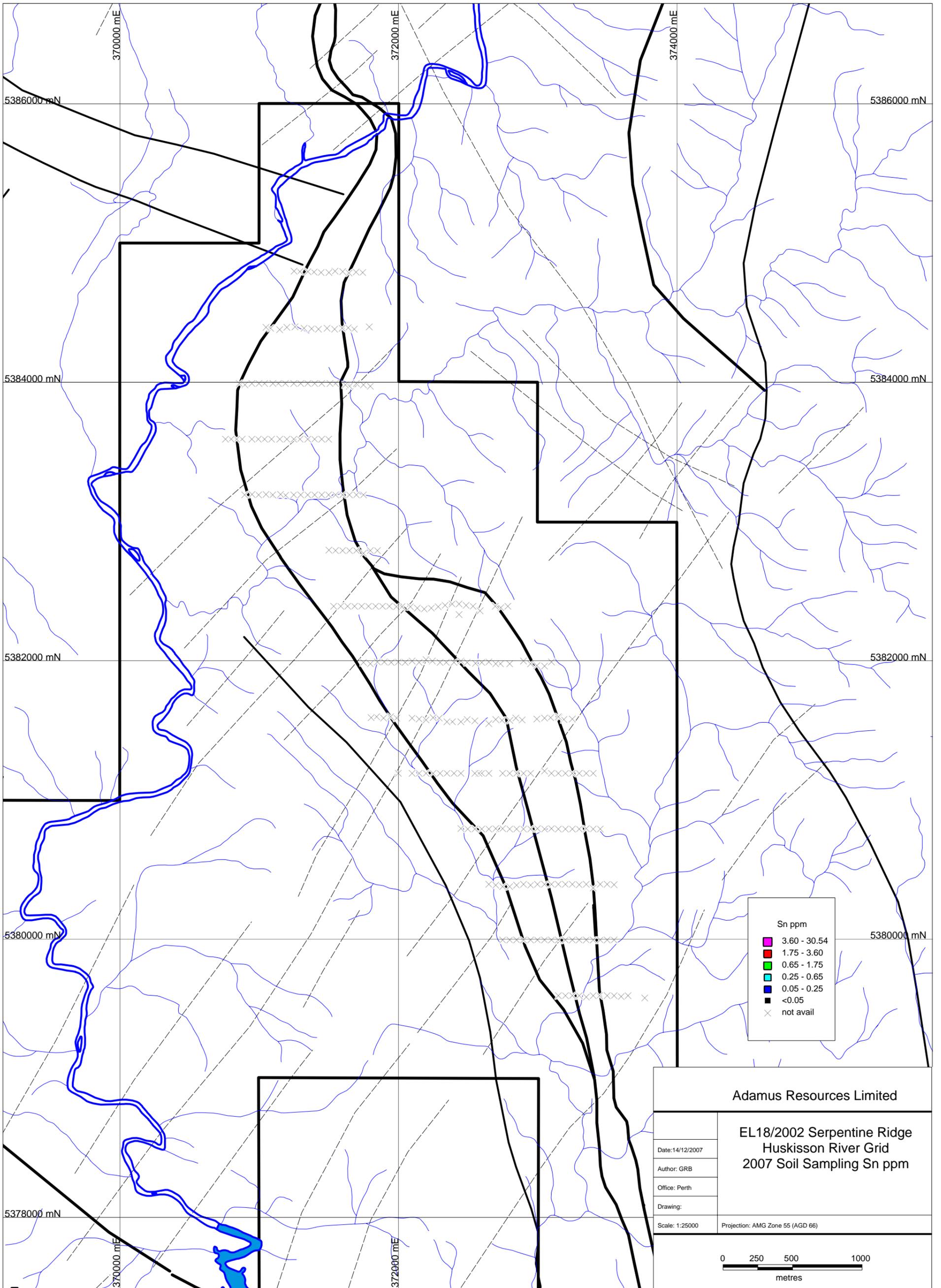
Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Sn ppm
South Sheet

Date: 14/12/2007
Author: GRB
Office: Perth
Drawing:

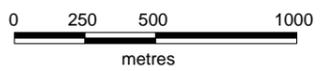
Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)





Sn ppm	
■	3.60 - 30.54
■	1.75 - 3.60
■	0.65 - 1.75
■	0.25 - 0.65
■	0.05 - 0.25
■	<0.05
x	not available

Adamus Resources Limited	
EL18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling Sn ppm	
Date: 14/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling W ppm
North Sheet

Date: 15/12/2007

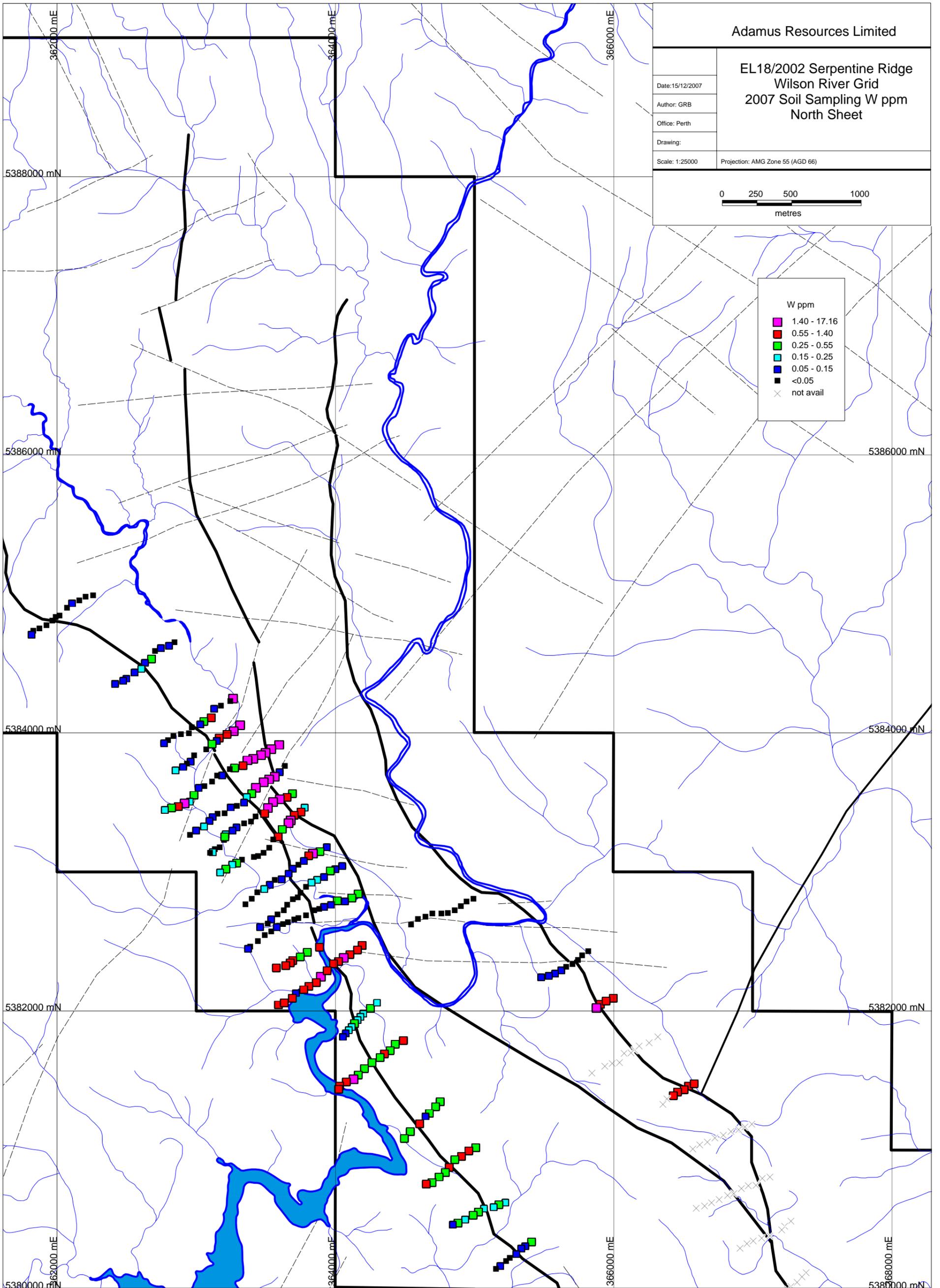
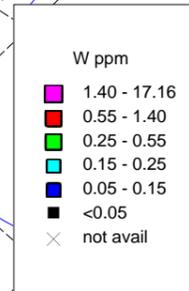
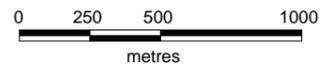
Author: GRB

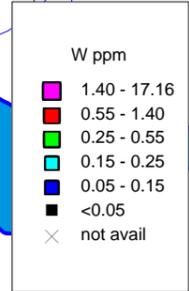
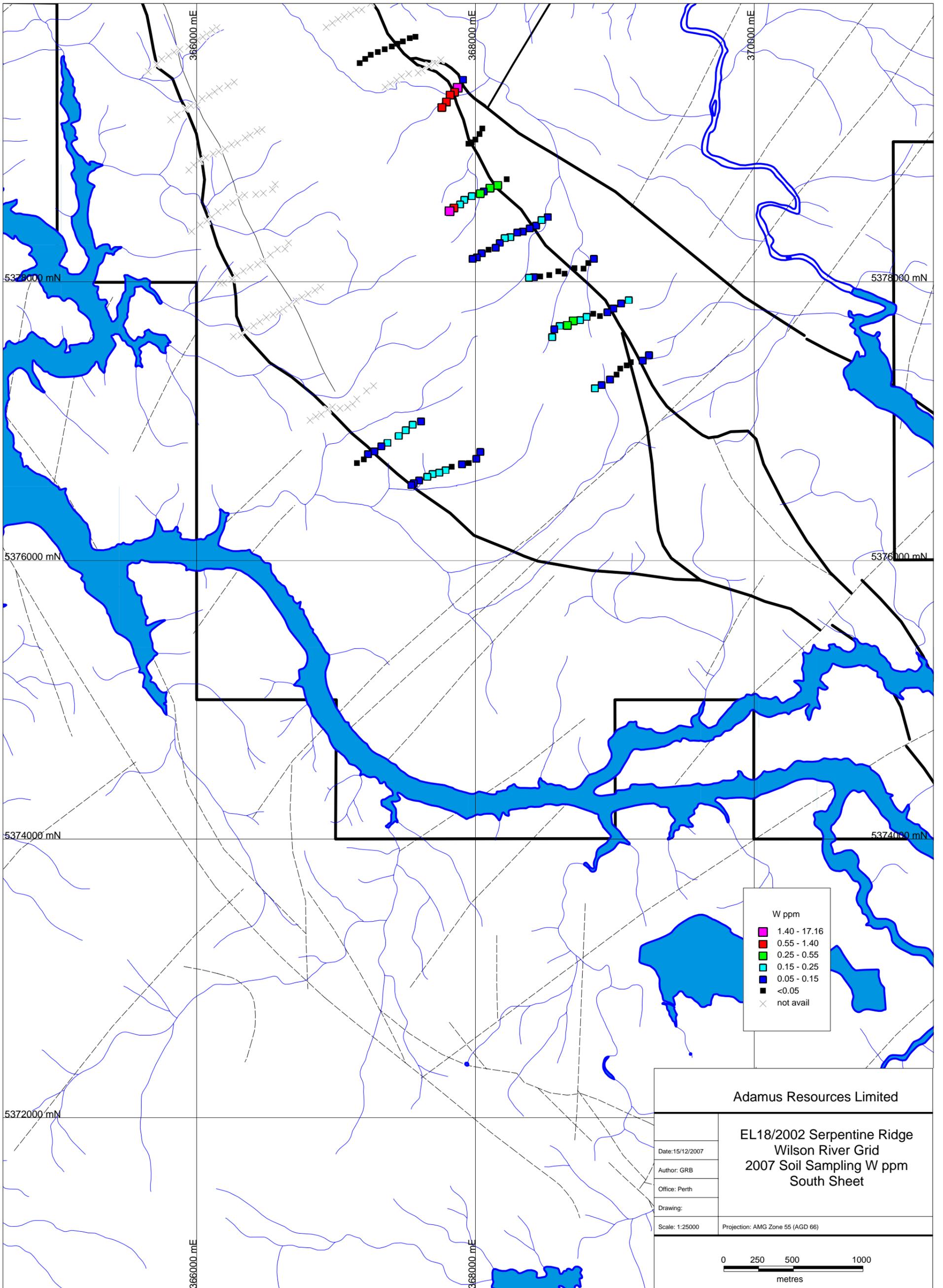
Office: Perth

Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)

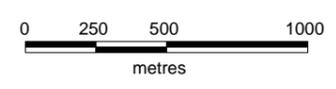


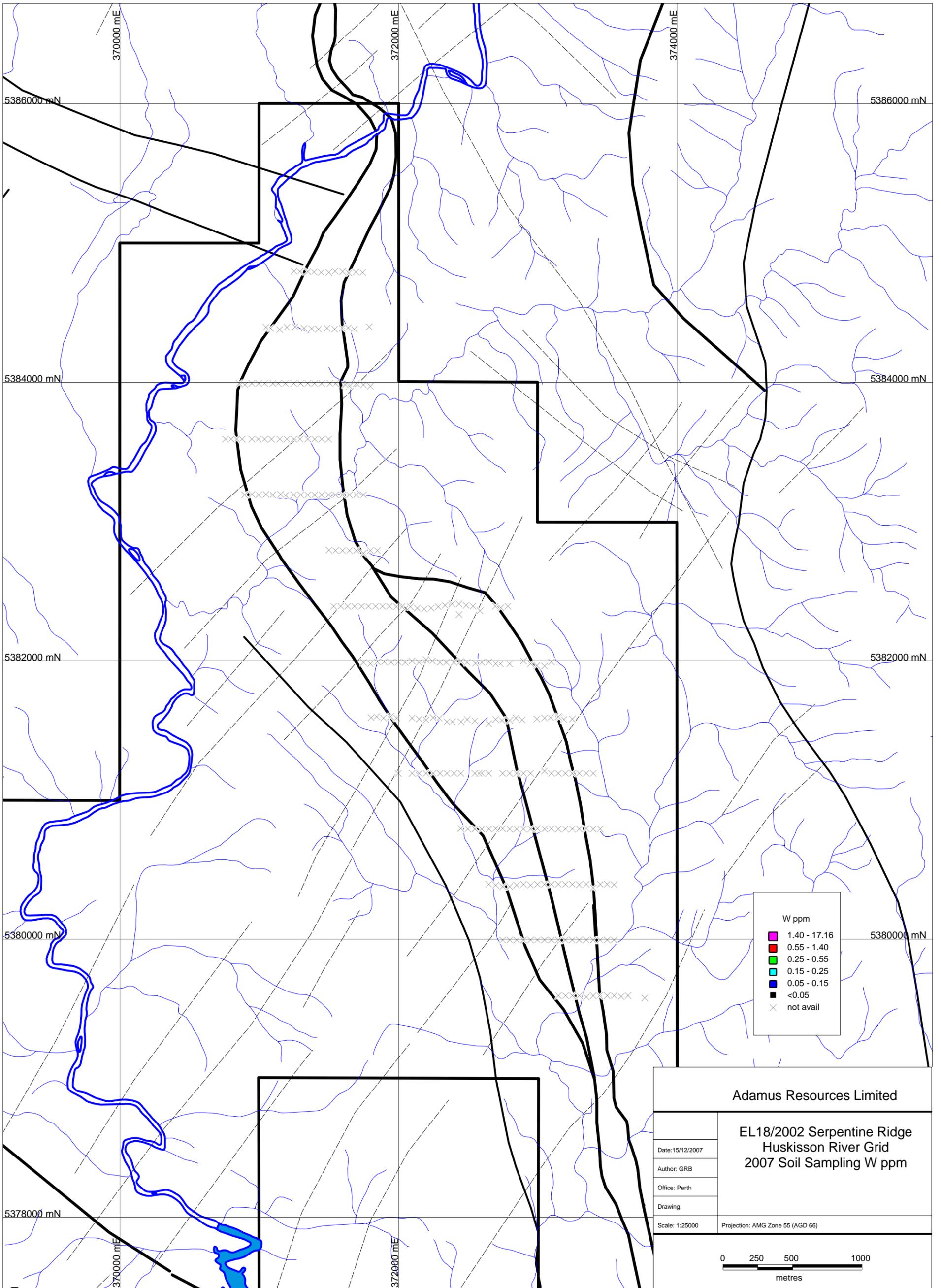


Adamus Resources Limited

**EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling W ppm
South Sheet**

Date: 15/12/2007
Author: GRB
Office: Perth
Drawing:
Scale: 1:25000
Projection: AMG Zone 55 (AGD 66)





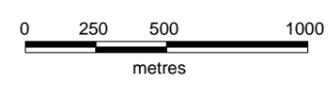
W ppm	
■	1.40 - 17.16
■	0.55 - 1.40
■	0.25 - 0.55
■	0.15 - 0.25
■	0.05 - 0.15
■	<0.05
×	not avail

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling W ppm

Date: 15/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

EL18/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Bi ppm
North Sheet

Date: 15/12/2007

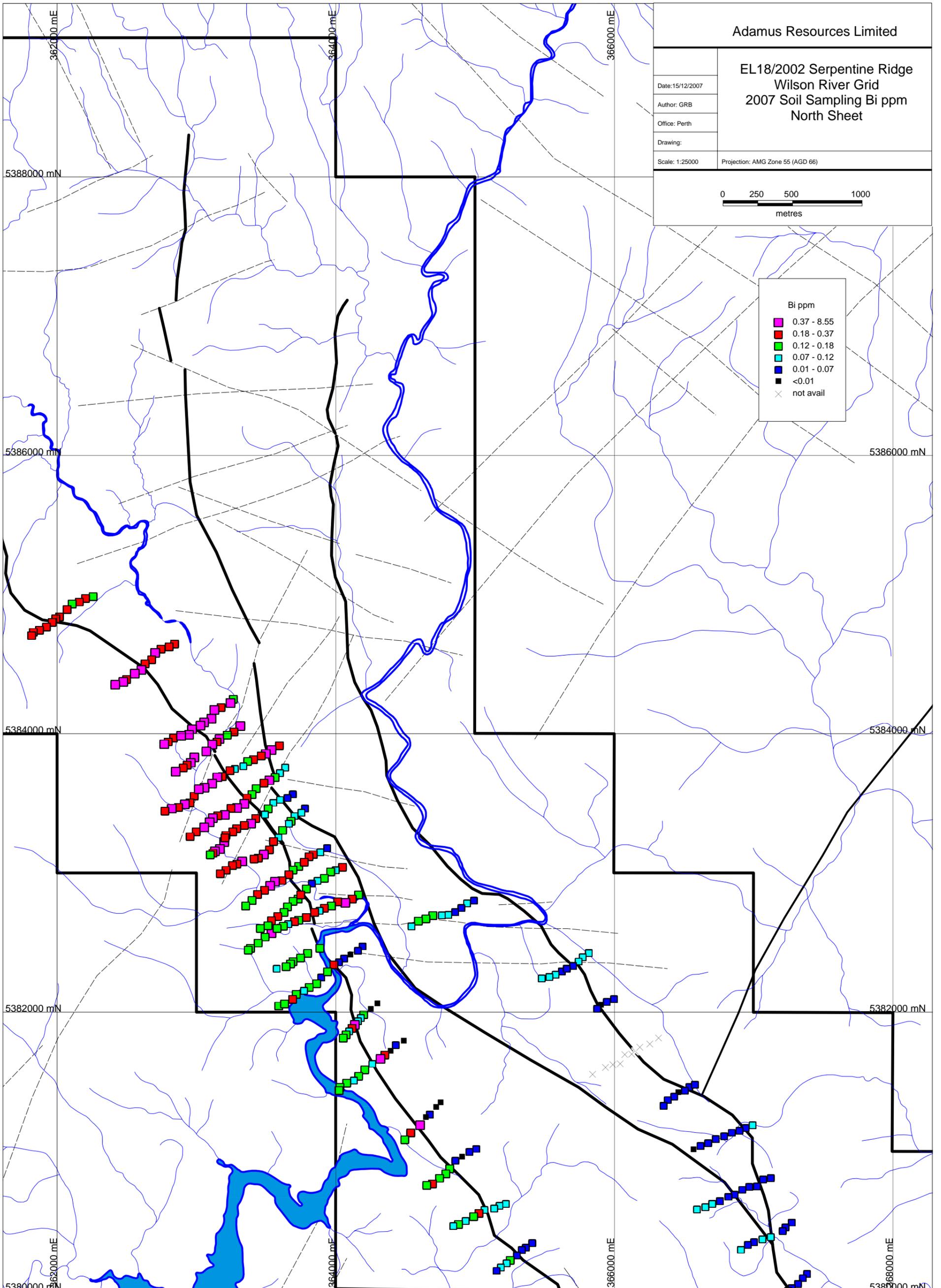
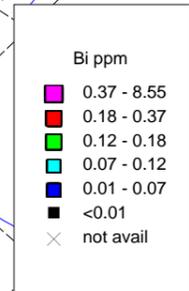
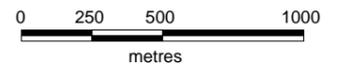
Author: GRB

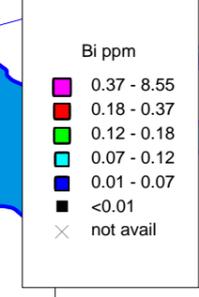
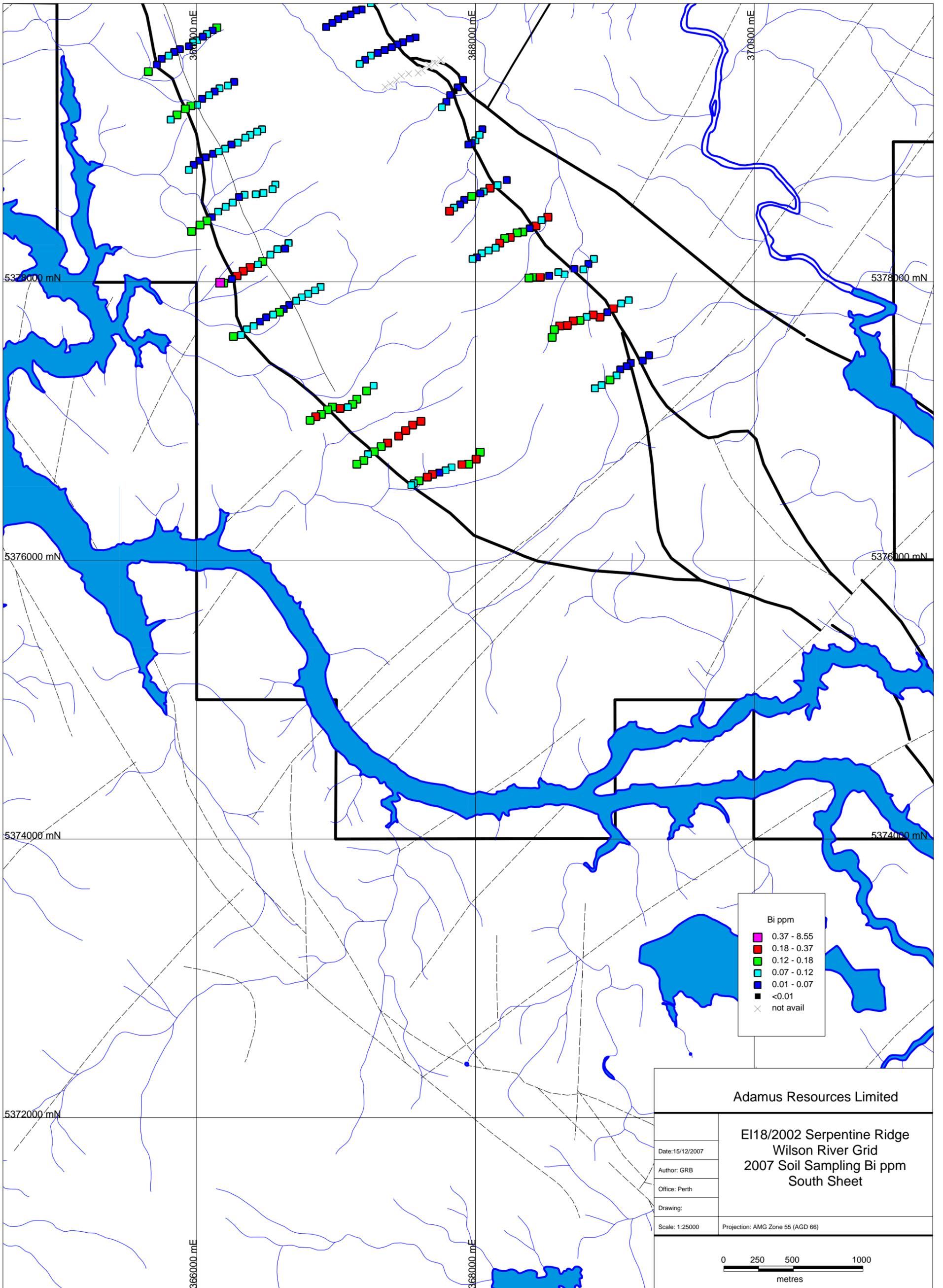
Office: Perth

Drawing:

Scale: 1:25000

Projection: AMG Zone 55 (AGD 66)



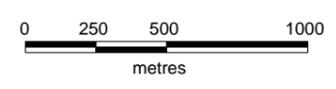


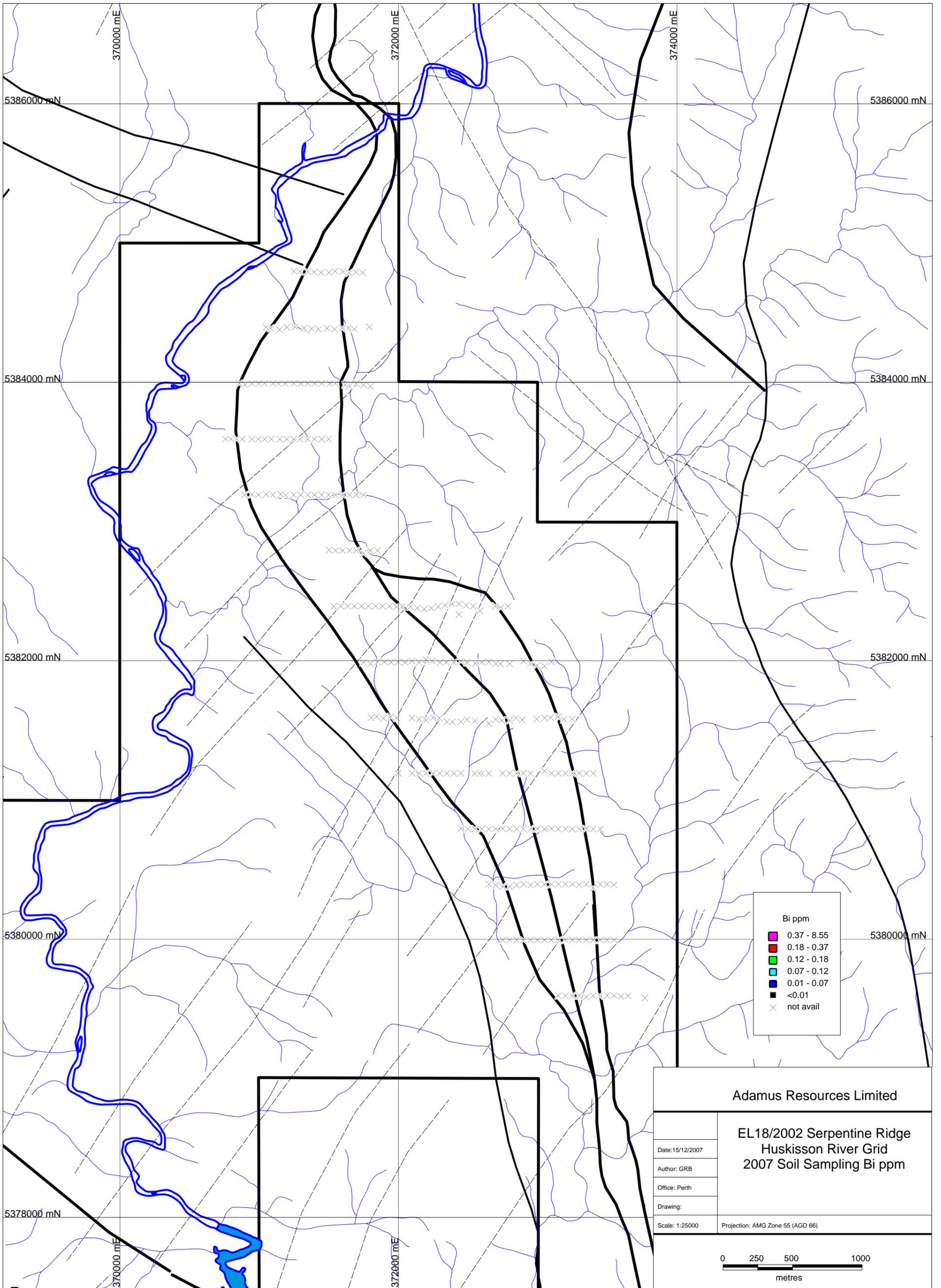
Adamus Resources Limited

E118/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling Bi ppm
South Sheet

Date: 15/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)





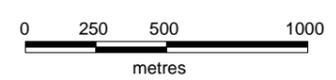
Bi ppm	
0.37 - 8.55	[Pink square]
0.18 - 0.37	[Red square]
0.12 - 0.18	[Green square]
0.07 - 0.12	[Cyan square]
0.01 - 0.07	[Blue square]
<0.01	[Black square]
not avail	[Grey 'x']

Adamus Resources Limited

EL18/2002 Serpentine Ridge
Huskisson River Grid
2007 Soil Sampling Bi ppm

Date: 15/12/2007
Author: GRB
Office: Perth
Drawing:

Scale: 1:25000 Projection: AMG Zone 55 (AGD 66)



Adamus Resources Limited

E118/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling S ppm
North Sheet

Date: 15/12/2007

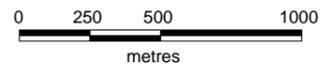
Author: GRB

Office: Perth

Drawing:

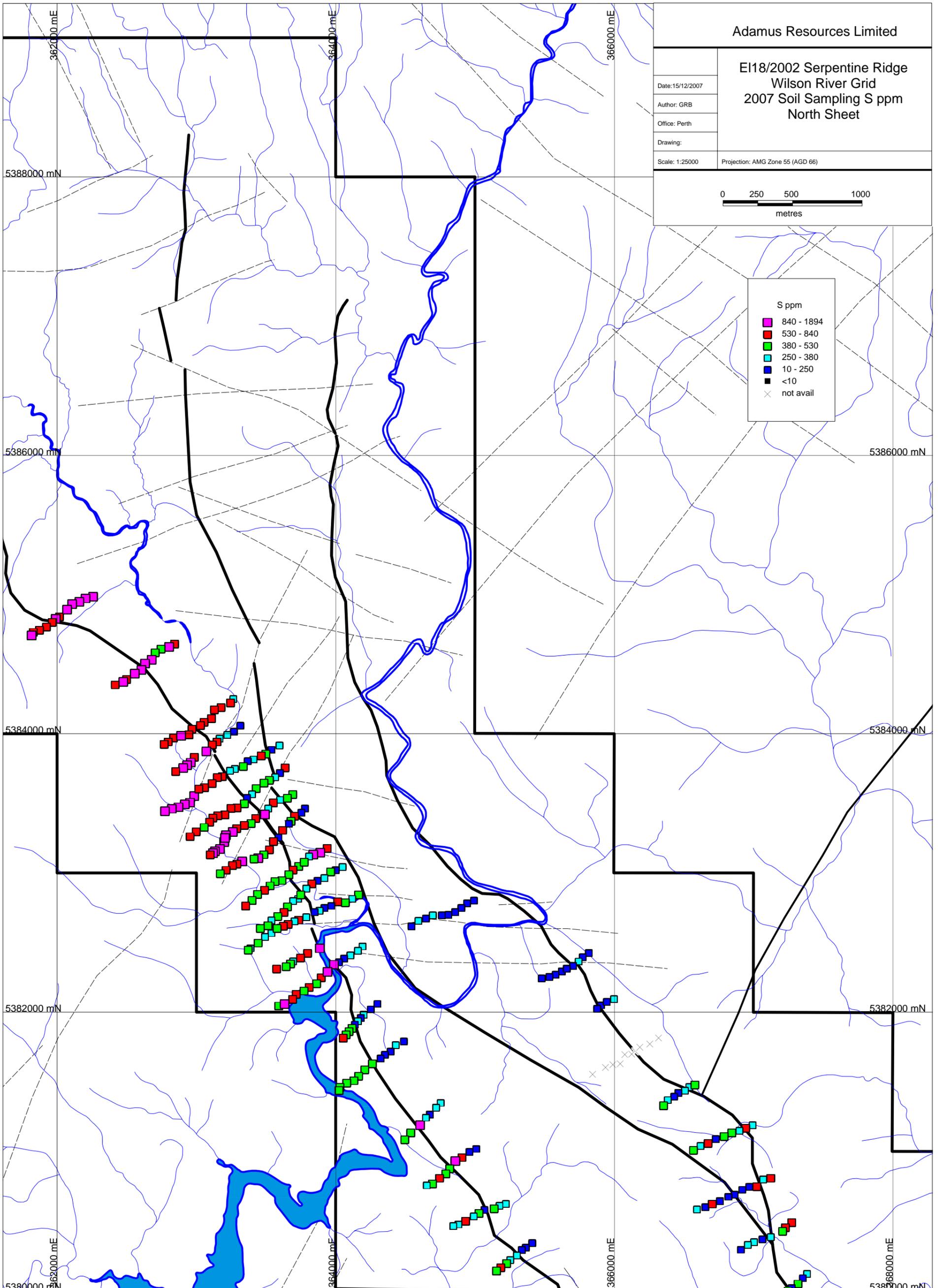
Scale: 1:25000

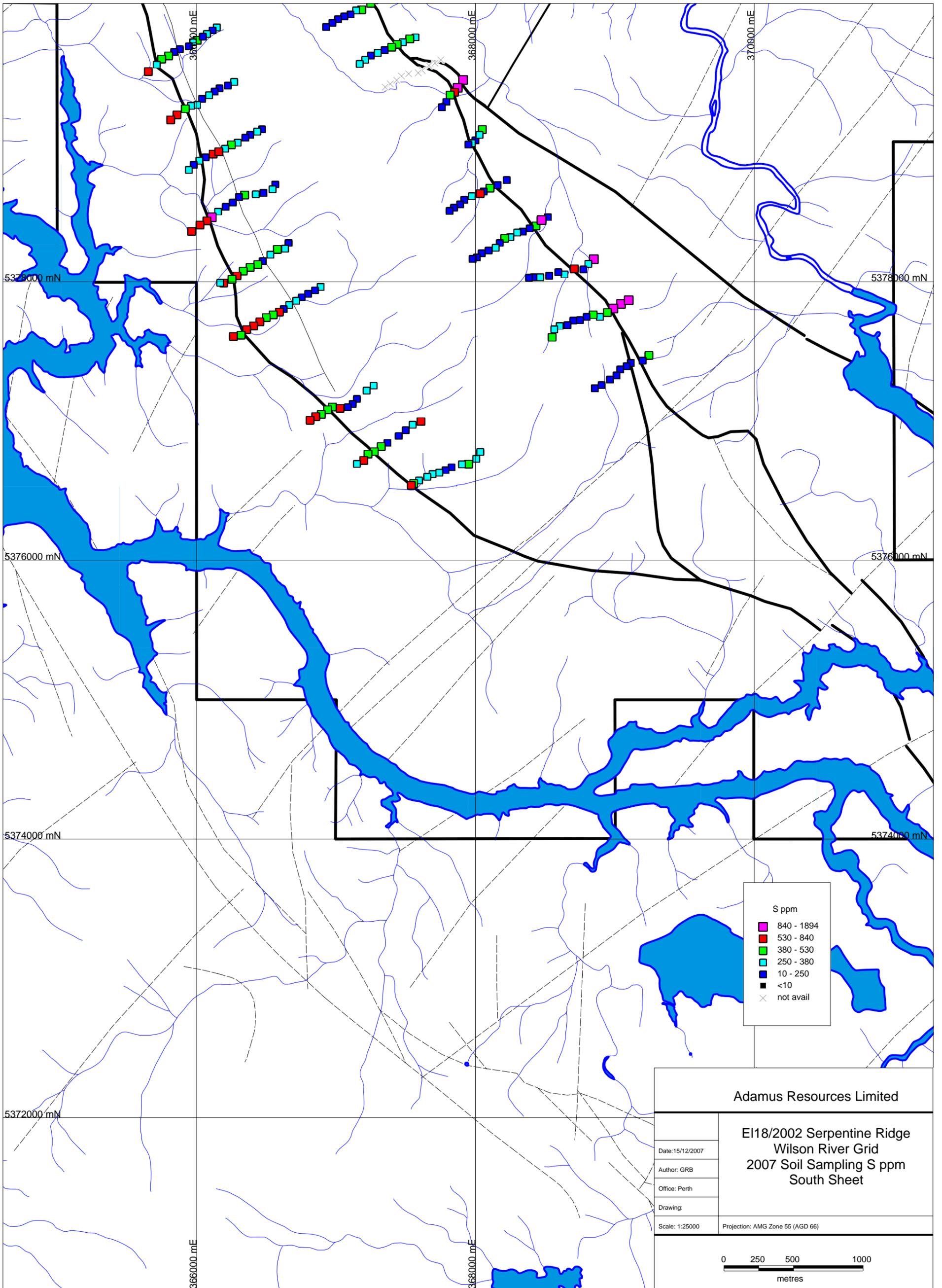
Projection: AMG Zone 55 (AGD 66)



S ppm

- 840 - 1894
- 530 - 840
- 380 - 530
- 250 - 380
- 10 - 250
- <10
- × not avail





S ppm

- 840 - 1894
- 530 - 840
- 380 - 530
- 250 - 380
- 10 - 250
- <10
- x not avail

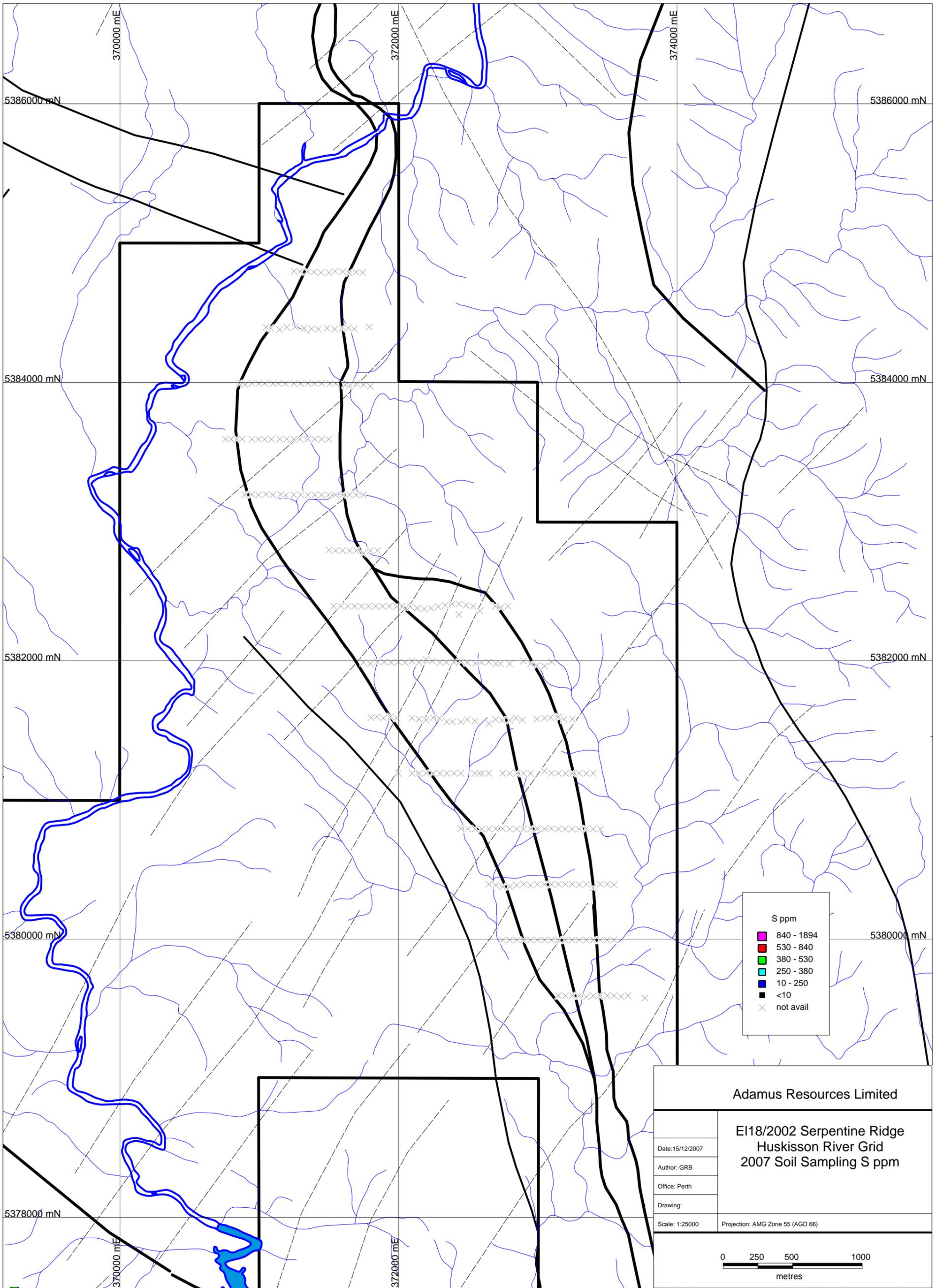
Adamus Resources Limited

E118/2002 Serpentine Ridge
Wilson River Grid
2007 Soil Sampling S ppm
South Sheet

Date: 15/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

0 250 500 1000

metres



S ppm	
■	840 - 1894
■	530 - 840
■	380 - 530
■	250 - 380
■	10 - 250
■	<10
×	not avail

Adamus Resources Limited	
EI18/2002 Serpentine Ridge Huskisson River Grid 2007 Soil Sampling S ppm	
Date: 15/12/2007	
Author: GRB	
Office: Perth	
Drawing:	
Scale: 1:25000	Projection: AMG Zone 55 (AGD 66)

Appendix 1

Genalysis Laboratory Services Soil Sample Assay Reports

ANALYTICAL REPORT

Gary BRABHAM
 ADAMUS RESOURCES LTD
 PO Box 568
 WEST PERTH, W.A. 6872
 AUSTRALIA



JOB INFORMATION

JOB CODE : 815.0/0704164
 No. of SAMPLES : 322
 No. of ELEMENTS : 20
 CLIENT O/N : 20001 1/2 (Job 1 of 1)
 SAMPLE SUBMISSION No. :
 PROJECT : SERPENTINE RIDGE
 STATE : Soil
 DATE RECEIVED : 24/04/2007
 DATE COMPLETED : 13/06/2007
 DATE PRINTED : 13/06/2007

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

MAIN OFFICE AND LABORATORY

15 Davison Street, Maddington 6109, Western Australia
 PO Box 144, Gosnells 6990, Western Australia
 Tel: +61 8 9251 8100 Fax: +61 8 9251 8110
 Email: genalysis@genalysis.com.au
 Web Page: www.genalysis.com.au

KALGOORLIE SAMPLE PREPARATION DIVISION

12 Keogh Way, Kalgoorlie 6430, Western Australia
 Tel: +61 8 9021 6057 Fax: +61 8 9021 3476

ADELAIDE SAMPLE PREPARATION DIVISION

124 Mooringe Avenue, North Plympton 5037, South Australia
 Tel: +61 8 8376 7122 Fax: +61 8 8376 7144

JOHANNESBURG SAMPLE PREPARATION DIVISION

Unit 14a 253 Dormehl Road, Middlepark,
 Anderbolt, Gauteng, South Africa 1459.
 Tel: +27 11 918 0869 Fax: +27 11 918 0879



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 \$3.00 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.



NOTES

1. Please note that only 161 samples have been reported. The remaining 161 samples have been quarantine dried only and have been stored.



ANALYSIS

ELEMENTS	Au	Au-Rp1	Ag	As	Bi	Co	Cr	Cu	Fe	Mg
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
DETECTION	1	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01
DIGEST	BT/	B/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	ETA	MS	MS	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS										
0001 134701	X		X	0.7	0.06	0.5	15	5	0.68	0.09
0002 134703	2		0.02	7.1	0.11	2.6	85	20	4.85	0.14
0003 134705	X		0.01	3.6	0.20	12.6	126	28	6.05	0.39
0004 134707	1		X	6.8	0.07	114.5	477	23	12.90	1.30
0005 134709	X		0.07	1.9	0.05	168.9	499	11	19.26	4.83
0006 134711	X		0.05	2.8	0.14	260.9	411	15	29.08	4.66
0007 134713	X		0.10	2.5	0.05	596.4	865	13	42.84	0.42
00 134715	2		0.04	1.8	0.04	562.1	716	14	40.73	0.54
0009 134717	2		0.02	1.1	0.08	423.0	355	12	35.35	3.33
0010 134719	10	23	X	2.2	0.23	517.1	604	15	32.01	3.52
0011 134721	X		0.04	8.7	0.21	9.7	62	14	5.88	0.16
0012 134723	2		0.04	10.6	0.11	134.2	3833	62	20.62	1.02
0013 134725	2		X	2.5	0.25	77.6	494	105	5.81	1.15
0014 134727	1		X	1.9	0.03	55.3	2106	19	8.27	0.99
0015 134729	2		0.02	13.1	0.14	237.6	1.15%	15	38.09	0.06
0016 134731	2		0.06	10.6	0.13	110.5	1.06%	13	33.84	0.05
0017 134733	2		0.03	14.5	0.23	93.7	1.54%	14	42.77	0.05
0018 134735	2		0.03	10.9	0.15	230.5	1.36%	16	46.26	0.06
0019 134737	X		0.23	3.0	0.19	569.6	2304	13	38.66	0.73
0020 134739	2		0.07	2.4	0.09	480.9	1943	11	32.24	4.13
0021 134741	1		0.13	2.2	0.09	630.9	1369	12	36.86	1.64
0022 134743	X		0.18	1.9	0.09	726.0	1178	12	37.11	0.99
00 134745	2		0.02	2.4	0.06	898.2	2619	12	39.35	0.83
0024 134747	2		X	3.8	0.07	857.3	6250	12	36.92	0.10
0025 134751	X		X	9.3	0.16	92.3	678	13	14.67	0.19
0026 134753	1		X	21.4	0.34	33.7	415	13	6.19	0.14
0027 134755	X		X	25.3	0.48	24.7	385	27	7.93	0.20
0028 134757	1		0.01	4.7	0.18	83.7	358	10	6.65	3.50
0029 134759	2		0.03	4.8	0.13	110.6	1999	10	21.06	0.90
0030 134761	2		0.01	23.4	0.20	145.5	6472	14	43.26	0.05
0031 134763	X		X	21.2	0.07	75.6	1957	15	22.63	0.05
0032 134765	X		X	2.2	0.25	4.3	64	19	4.67	0.32
0033 134767	X		X	7.8	0.19	32.3	166	86	9.94	0.97
0034 134769	2		0.04	4.9	0.16	40.8	225	70	11.25	0.71
0035 134771	2		0.13	5.7	0.19	12.7	163	85	9.85	0.46
0036 134773	X		0.06	4.3	0.11	12.5	153	73	8.89	0.47
0037 134775	X		0.04	4.8	0.12	12.3	173	83	10.11	0.54
0038 134777	X		0.01	11.0	0.14	2.2	62	22	5.94	0.17
0039 134779	3		0.02	13.7	0.20	43.8	2739	16	21.95	0.08
0040 134781	X		X	12.9	0.07	13.3	960	5	9.93	0.03



ANALYSIS

ELEMENTS	Mo	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS										
0001 134701	0.6	6	6	X	X	228	0.13	0.47	X	6
0002 134703	1.1	17	16	X	X	174	0.62	0.62	0.26	19
0003 134705	0.5	44	28	X	X	462	0.25	0.92	0.31	35
0004 134707	0.7	532	11	X	X	149	0.24	0.58	0.11	36
0005 134709	0.4	3301	11	X	X	738	0.05	0.14	0.37	107
0006 134711	0.6	1855	36	X	11	329	0.11	0.22	0.19	103
0007 134713	1.1	4783	17	X	X	27	0.06	X	0.19	142
00 134715	0.9	4958	16	X	X	46	0.06	X	0.24	138
0009 134717	0.8	3889	15	X	X	107	0.06	X	0.99	130
0010 134719	0.5	4529	22	X	X	191	0.12	0.12	1.86*	131
0011 134721	1.1	67	11	X	X	247	0.51	0.97	0.10	20
0012 134723	1.5	1536	21	X	X	1291	0.34	0.48	0.15	142
0013 134725	0.3	379	19	X	X	400	0.22	0.86	0.13	154
0014 134727	0.6	458	6	X	X	249	0.08	0.16	0.11	53
0015 134729	2.7	1454	21	X	X	147	0.28	0.47	0.08	125
0016 134731	2.3	939	18	X	X	288	0.27	0.47	0.12	80
0017 134733	3.8	954	20	X	X	345	0.35	0.84	0.18	73
0018 134735	2.9	1705	22	X	X	425	0.25	0.57	0.16	114
0019 134737	1.6	5670	18	X	X	34	0.14	0.12	0.11	145
0020 134739	0.9	6270	18	X	X	251	0.06	0.15	0.14	143
0021 134741	0.9	5115	20	X	X	105	0.08	0.12	X	157
0022 134743	1.0	5271	20	X	X	137	0.09	0.13	0.09	144
00 134745	1.0	6358	15	X	X	105	0.08	0.25	0.08	148
0024 134747	1.4	3224	17	X	8	201	0.10	0.21	0.10	151
0025 134751	0.9	725	11	X	X	444	0.22	1.33	0.28	51
0026 134753	1.1	261	15	X	X	274	1.45*	2.55	0.27	34
0027 134755	1.4	285	18	X	X	401	1.13	3.68	0.07	39
0028 134757	0.5	2289	12	X	X	742	0.12	1.18	0.40	53
0029 134759	1.0	1161	14	X	X	232	0.18	1.09	0.06	37
0030 134761	2.8	652	17	X	X	229	0.54	0.62	0.07	53
0031 134763	1.2	417	11	X	X	290	0.12	0.27	X	47
0032 134765	0.4	16	23	X	X	199	0.14	1.70	X	38
0033 134767	0.5	81	19	X	X	289	0.26	1.88	X	120
0034 134769	0.8	84	19	X	X	569	0.32	2.72	X	107
0035 134771	1.3	51	18	X	X	340	0.53	2.20	X	62
0036 134773	1.3	60	12	X	X	597	0.19	1.37	X	93
0037 134775	1.5	66	14	X	X	695	0.19	1.53	X	101
0038 134777	2.1	10	10	X	X	387	0.49	1.09	0.07	20
0039 134779	1.5	629	15	X	X	250	0.47	1.53	0.08	24
0040 134781	1.2	123	4	X	X	123	0.15	0.41	0.14	12



ANALYSIS

ELEMENTS	Au	Au-Rp1	Ag	As	Bi	Co	Cr	Cu	Fe	Mg
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
DETECTION	1	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01
DIGEST	BT/	B/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	ETA	MS	MS	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS										
0041 134783	1		0.01	30.1	0.16	56.8	1782	13	25.53	0.03
0042 134785	X		0.06	22.1	0.17	198.0	4264	18	35.83	0.05
0043 134787	X		0.06	12.5	0.11	494.5	4254	15	36.92	0.08
0044 134789	4		0.02	2.9	0.04	265.5	1204	8	24.85	6.98
0045 134791	3		X	4.9	0.12	85.5	335	15	9.70	3.29
0046 134793	2		0.09	5.3	0.23	4.6	155	28	7.53	0.32
0047 134795	2		0.08	3.6	0.15	3.9	124	25	6.69	0.11
00 134797	2		0.01	4.4	0.14	7.3	217	55	13.27	0.32
0049 134799	X		0.02	3.7	0.14	15.8	251	50	11.69	0.26
0050 134801	4		0.03	1.9	0.07	4.5	110	4	1.80	0.08
0051 134803	X		0.02	0.8	0.05	1.0	111	3	1.05	0.04
0052 134805	X		X	1.0	0.10	1.4	40	4	1.31	0.07
0053 134807	1		0.12	0.9	0.05	0.8	15	6	1.53	0.05
0054 134809	1		X	5.2	0.08	17.5	1876	7	9.49	0.06
0055 134811	X		X	1.7	0.07	4.6	615	4	2.52	0.02
0056 134813	2		X	1.6	0.05	7.3	1024	4	3.26	0.03
0057 134815	5		0.06	10.9	0.18	262.1	9620	15	30.20	0.06
0058 134817	1		0.03	10.0	0.13	407.1	8085	14	36.91	0.13
0059 134819	X		0.03	8.2	0.14	193.2	1.07%	11	31.37	3.38
0060 134821	1		0.05	2.6	0.07	35.8	678	4	4.18	0.13
0061 134823	1		0.05	2.0	0.09	7.8	404	3	1.55	0.30
0062 134825	X		0.11	2.3	0.23	3.3	75	6	0.59	0.18
00 134827	X		0.02	1.2	0.06	2.3	109	5	1.56	0.07
0064 134829	2		0.03	7.4	0.22	30.1	2959	10	13.17	0.07
0065 134831	X		0.03	13.0	0.18	101.1	4100	16	23.26	0.07
0066 134833	2		0.03	11.3	0.10	285.4	7353	12	35.98	0.64
0067 134835	4		0.02	11.8	0.14	207.9	9684	13	37.33	0.06
0068 134837	2		0.01	25.4	0.26	65.9	1.03%	14	46.43	0.04
0069 134839	2		0.02	18.7	0.24	122.2	1.24%	14	48.61	0.04
0070 134841	2		0.04	21.0	0.18	83.9	9735	14	47.63	0.04
0071 134843	2		X	16.9	0.13	86.8	6248	12	36.88	0.04
0072 134845	3		0.06	25.7	0.12	30.3	9201	10	27.46	0.04
0073 134847	1		0.02	1.7	0.06	2.0	141	5	1.79	0.05
0074 134849	1		X	1.1	0.03	1.1	116	2	1.19	0.02
0075 134851	2		X	8.2	0.14	5.6	183	59	11.65	0.23
0076 134853	3		0.26	12.3	0.18	1.8	109	39	8.55	0.24
0077 134855	2		0.12	10.0	0.21	1.1	67	22	3.30	0.22
0078 134857	X		0.07	9.8	0.15	6.3	184	69	8.59	0.36
0079 134859	3		0.02	3.5	0.15	6.3	167	47	7.10	0.26
0080 134861	2		0.03	2.5	0.06	185.9	3167	9	15.38	1.45



ANALYSIS

ELEMENTS	Mo	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS										
0041 134783	1.9	597	11	X	X	460	0.43	1.13	0.32	27
0042 134785	2.3	1474	15	X	X	328	0.38	1.21	0.11	90
0043 134787	1.9	1667	18	X	6	208	0.22	0.53	0.20	93
0044 134789	0.6	4446	14	X	X	586	0.04	0.09	0.22	84
0045 134791	0.7	917	14	X	X	304	0.11	1.26	X	41
0046 134793	1.5	39	15	X	X	491	0.30	2.74	X	30
0047 134795	1.1	25	12	X	X	348	0.24	1.75	X	24
00 134797	0.6	47	19	X	X	318	0.35	2.61	X	39
0049 134799	0.5	59	17	X	X	405	0.26	2.44	X	46
0050 134801	0.6	37	11	X	X	895	0.19	0.26	0.05	17
0051 134803	0.5	5	7	X	X	274	0.14	0.37	X	7
0052 134805	0.4	17	18	X	X	236	0.29	0.40	X	9
0053 134807	0.5	4	11	X	X	723	0.16	0.17	X	11
0054 134809	0.9	184	13	X	X	276	0.32	0.27	X	28
0055 134811	0.6	33	8	X	X	233	0.31	0.29	X	9
0056 134813	0.8	55	6	X	X	241	0.16	0.26	X	14
0057 134815	2.3	643	25	X	X	347	0.84	0.74	X	78
0058 134817	3.2	1591	20	13	X	187	0.57	0.59	0.14	130
0059 134819	2.0	4112	20	14	X	170	0.22	0.38	0.24	255*
0060 134821	0.9	168	9	X	X	1362	0.22	0.13	0.16	22
0061 134823	0.6	192	9	X	X	1511	0.23	0.15	0.10	19
0062 134825	2.8	28	30	X	X	1502	0.52	0.39	0.14	34
00 134827	2.2	38	8	X	X	522	0.18	0.15	0.10	9
0064 134829	1.7	180	17	X	X	314	1.15	0.92	X	24
0065 134831	2.0	544	17	X	X	382	1.15	0.72	X	63
0066 134833	2.3	4413	14	13	X	87	0.38	0.32	0.20	142
0067 134835	3.6	1122	19	X	6	249	0.45	1.20	0.16	114
0068 134837	9.3	374	17	X	X	162	1.10	1.28	0.34	47
0069 134839	7.7	576	15	X	X	165	0.63	1.01	0.46	59
0070 134841	6.9	514	17	X	X	261	0.70	0.60	0.20	49
0071 134843	3.7	638	16	12	X	290	0.71	0.40	0.10	60
0072 134845	7.8	309	10	X	X	423	1.55	0.85	0.20	40
0073 134847	0.7	14	8	X	X	468	0.20	0.16	0.12	12
0074 134849	2.5	14	3	X	X	200	0.16	0.18	0.05	6
0075 134851	3.0	45	13	X	X	647	0.43	1.80	X	41
0076 134853	2.7	26	17	X	X	468	0.41	1.85	X	18
0077 134855	2.7	13	18	X	X	337	0.57	1.09	0.09	14
0078 134857	1.6	37	21	X	X	457	0.48	2.00	X	77
0079 134859	1.7	37	11	X	X	387	0.34	1.69	0.06	47
0080 134861	0.8	2026	7	X	6	788	0.05	0.15	0.09	69



ANALYSIS

ELEMENTS	Au	Au-Rp1	Ag	As	Bi	Co	Cr	Cu	Fe	Mg
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
DETECTION	1	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01
DIGEST	BT/	B/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	ETA	MS	MS	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS										
0081 134863	X		0.05	2.1	0.08	199.0	2183	8	12.59	3.09
0082 134865	1		0.02	13.0	0.20	144.0	1216	12	7.15	4.30
0083 134867	1		X	53.4*	0.22	414.3	2703	27	30.60	1.88
0084 134869	1		X	13.5	0.19	186.8	4622	23	42.81	0.06
0085 134871	1		X	10.0	0.15	287.0	3373	28	37.23	0.07
0086 134873	X		0.02	4.2	0.14	635.7	1313	29	26.49	3.62
0087 134875	X		X	2.5	0.27	16.4	210	26	6.08	0.87
0088 134877	2		X	3.6	0.31	23.0	285	82	10.85	0.71
0089 134879	5		X	3.9	1.18	12.5	227	56	8.13	0.38
0090 134881	7	11	X	5.9	4.63*	5.5	198	40	9.66	0.08
0091 134883	1		0.01	6.3	0.23	7.3	252	13	6.56	0.10
0092 134885	3		0.03	7.4	0.19	12.7	238	87	12.40	0.49
0093 134887	2		X	6.9	0.12	14.0	226	73	11.56	0.55
0094 134889	X		X	2.5	0.16	2.1	82	23	6.32	0.15
0095 134891	2		X	2.7	0.05	303.6	3422	11	37.17	2.63
0096 134893	X		X	5.8	0.09	424.8	5957	9	30.88	2.16
0097 134895	1		0.05	1.9	0.10	169.5	965	X	8.37	10.67
0098 134897	X		0.07	18.8	0.15	185.6	898	1	12.20	11.44*
0099 134899	2		0.02	5.9	0.07	349.8	2663	10	37.88	1.85
0100 135001	X		X	1.9	0.05	440.5	3461	10	22.49	0.93
0101 135003	1		0.01	1.8	0.07	549.8	1812	13	34.98	1.16
0102 135005	X		X	2.5	0.10	392.1	2379	12	33.81	2.27
0103 135007	2		0.02	1.9	0.07	552.6	2025	11	38.11	0.66
0104 135051	X		X	0.9	0.03	5.4	215	5	1.80	0.09
0105 135053	X		X	0.9	0.03	9.1	400	2	1.80	0.10
0106 135055	X		X	2.4	0.06	95.7	2241	5	8.58	1.97
0107 135057	X		X	3.4	0.07	521.4	3958	10	27.43	0.50
0108 135059	X		X	2.3	0.15	448.7	326	11	33.96	3.15
0109 135061	X		X	2.1	0.07	678.2	638	7	28.45	6.48
0110 135063	X		X	2.6	0.09	372.8	1685	11	32.16	2.36
0111 135065	X		X	10.1	0.14	162.8	8911	12	38.82	0.07
0112 135067	1		0.28	16.4	0.25	92.5	1.46%	14	48.27	0.07
0113 135069	1		0.03	7.2	0.14	618.9	6215	18	40.46	0.09
0114 135071	2		X	13.8	0.19	109.5	1.03%	14	42.78	0.05
0115 135073	X		0.05	3.7	0.09	1003.7	2199	13	35.85	2.58
0116 135075	X		0.05	8.2	0.09	3311.2*	5981	11	41.01	0.15
0117 135077	X		0.02	3.1	0.04	1398.1*	1374	16	33.64	1.79
0118 135079	1		0.02	20.7	0.25	150.7	9352	13	47.86	0.05
0119 135081	X		0.04	18.4	0.19	101.8	9227	12	45.17	0.06
0120 135083	X		X	13.0	0.14	187.0	6845	9	36.41	0.07



ANALYSIS

ELEMENTS	Mo	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS										
0081 134863	0.6	2649	11	X	X	1133	0.07	0.24	0.30	57
0082 134865	0.8	1965	14	X	X	1611	0.16	1.15	1.85	47
0083 134867	1.8	2777	14	X	X	321	0.31	1.01	0.92	95
0084 134869	2.3	1502	18	X	X	410	0.39	0.96	0.14	68
0085 134871	2.0	2255	15	X	X	425	0.27	0.78	X	101
0086 134873	0.7	4733	18	X	X	611	0.16	0.55	0.13	170
0087 134875	0.8	146	14	12	X	440	0.27	3.21	0.14	49
0C 134877	3.5	98	10	X	X	491	0.52	4.00	0.06	41
0089 134879	1.4	73	12	X	X	469	0.43	4.41	X	52
0090 134881	2.1	45	11	X	X	482	0.45	3.65	0.07	21
0091 134883	1.5	70	11	X	X	742	0.32	1.65	0.19	20
0092 134885	1.6	61	19	X	X	457	0.68	2.64	X	60
0093 134887	1.3	64	15	X	X	476	0.42	2.20	X	68
0094 134889	0.7	18	15	X	X	563	0.47	1.88	X	24
0095 134891	1.1	4028	14	X	X	65	0.05	X	0.17	99
0096 134893	1.5	2654	15	X	X	212	0.20	0.18	0.62	85
0097 134895	1.5	2262	16	X	X	666	0.07	0.11	0.74	37
0098 134897	0.5	2293	12	X	X	480	0.21	0.17	1.45	37
0099 134899	1.7	3165	14	X	X	100	0.14	0.15	6.54	116
0100 135001	0.8	1912	10	X	X	166	0.11	0.10	0.09	70
0101 135003	1.5	2817	19	X	X	66	0.09	0.05	0.07	132
0102 135005	1.0	2123	21	X	X	137	0.08	0.11	0.07	129
0' 135007	1.0	2367	19	X	X	149	0.09	0.14	0.06	108
0104 135051	1.2	26	5	X	X	222	0.20	0.26	X	10
0105 135053	0.7	40	3	X	X	134	0.13	0.10	X	12
0106 135055	0.9	197	11	X	22	208	0.11	0.15	X	56
0107 135057	2.5	1932	15	X	6	142	0.19	0.17	X	97
0108 135059	0.7	2566	31	X	X	200	0.12	0.23	0.09	94
0109 135061	0.6	5255	17	X	5	176	0.08	0.08	0.09	101
0110 135063	1.4	3795	18	X	X	165	0.12	0.19	0.16	128
0111 135065	2.9	810	17	X	X	272	0.26	0.53	0.07	61
0112 135067	4.3	695	20	X	X	321	0.40	0.87	0.13	64
0113 135069	2.4	2019	23	10	5	430	0.30	0.61	X	122
0114 135071	4.0	817	19	13	X	278	0.38	0.79	0.10	57
0115 135073	1.2	8212*	18	X	X	183	0.10	0.26	X	124
0116 135075	2.2	7248	18	X	X	199	0.20	0.47	0.23	173
0117 135077	0.8	7751	15	X	X	282	0.05	0.12	0.24	167
0118 135079	5.3	754	20	X	X	315	0.46	1.13	0.21	43
0119 135081	4.0	805	17	X	X	286	0.35	0.83	0.15	46
0120 135083	3.3	3108	22	X	X	254	0.28	0.72	0.08	46

ANALYSIS

ELEMENTS	Au	Au-Rp1	Ag	As	Bi	Co	Cr	Cu	Fe	Mg
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
DETECTION	1	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01
DIGEST	BT/	B/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	ETA	MS	MS	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS										
0121 135085	X		X	2.6	0.07	624.5	1250	6	22.86	6.88
0122 135087	X		0.04	2.6	0.08	716.7	783	14	33.24	2.71
0123 135089	2		X	10.5	0.21	85.1	1.68%*	11	28.88	0.06
0124 135091	3		0.25	15.0	0.19	117.3	1.60%	13	47.58	0.05
0125 135093	1		0.06	22.8	0.22	100.9	1.37%	12	45.94	0.04
0126 135095	X		0.03	23.8	0.21	76.4	1.05%	12	46.33	0.04
0127 135097	1		0.03	17.5	0.22	66.8	8012	12	49.00	0.04
0' 135099	X		X	18.5	0.21	105.2	1.24%	13	49.01	0.04
0129 135101	X		X	29.0	0.17	50.7	9640	10	30.13	0.05
0130 135103	X		X	29.0	0.12	67.5	1.29%	10	29.30	0.05
0131 135105	1		X	24.1	0.11	91.3	1.18%	10	30.38	0.05
0132 135107	X		X	6.3	0.14	21.6	3561	7	5.18	0.11
0133 135109	X		X	12.1	0.16	49.8	8175	11	37.69	0.04
0134 135111	X		X	1.5	0.01	1.2	91	4	1.64	0.03
0135 135113	X		0.08	1.4	0.02	1.5	141	3	2.05	0.09
0136 135115	X		0.06	1.4	0.02	0.9	22	3	1.50	0.05
0137 135117	X		0.12	1.4	0.04	0.8	32	3	1.22	0.11
0138 135119	X		0.24	1.4	0.03	1.2	54	5	1.75	0.06
0139 135121	X		0.06	4.3	0.05	77.2	589	7	20.31	0.25
0140 135123	1		X	1.4	0.03	192.4	701	6	22.56	5.67
0141 135125	X		0.04	1.8	0.08	414.0	1612	9	27.04	4.97
0142 135127	X		X	1.2	0.04	346.1	1304	8	24.72	5.63
0' 135129	X		X	1.5	0.08	365.2	1166	9	28.50	4.92
0144 135131	X		0.02	0.7	0.04	2.9	36	6	1.36	0.07
0145 135133	X		0.04	1.6	0.08	2.4	56	7	1.37	0.10
0146 135135	X		X	0.7	0.04	0.9	33	3	0.67	0.05
0147 135137	X		X	1.1	0.09	8.0	64	21	5.01	0.39
0148 135139	X		X	2.9	0.04	209.9	354	X	16.05	11.61*
0149 135141	1		0.01	6.9	0.07	18.9	589	4	7.12	0.07
0150 135143	1		0.04	2.6	0.11	5.4	249	5	3.70	0.15
0151 135145	5		0.08	10.4	0.09	33.5	1097	8	6.88	0.48
0152 135147	X		0.04	2.4	0.02	149.6	1805	9	7.59	1.78
0153 135149	2		0.10	0.9	0.04	119.4	1367	5	7.56	1.91
0154 135151	X		0.07	14.8	0.17	335.7	626	7	17.13	7.53
0155 135153	X		0.05	311.2	0.08	240.8	814	32	25.28	3.40
0156 135155	X		0.06	12.5	0.21	30.0	728	47	9.56	0.99
0157 135157	2		0.05	3.9	0.23	14.2	181	38	8.15	0.86
0158 135159	12	19	0.03	2.8	3.46	44.1	507	124*	12.09	0.74
0159 135161	X		0.09	3.5	0.23	4.3	99	47	6.43	0.31
0160 135163	1		0.02	4.6	0.22	20.3	187	75	9.48	1.27



ANALYSIS

ELEMENTS	Mo	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS										
0121 135085	0.5	6275	20	X	X	518	0.07	0.15	0.09	57
0122 135087	0.4	1.10%*	33	X	X	592	0.12	0.18	0.14	70
0123 135089	6.0	672	15	X	X	715	0.23	1.69	0.10	66
0124 135091	5.1	727	17	X	X	311	0.39	0.90	0.21	69
0125 135093	6.0	732	16	X	X	244	0.42	1.14	0.23	55
0126 135095	5.7	662	18	X	X	245	0.44	1.09	0.16	45
0127 135097	6.4	521	20	12	X	202	0.46	1.12	0.17	42
0' 135099	6.0	810	18	X	X	221	0.45	1.08	0.18	53
0129 135101	8.1	395	16	X	X	413	0.38	1.02	0.08	46
0130 135103	7.7	471	14	X	6	485	0.28	0.63	0.10	50
0131 135105	6.6	586	14	X	X	459	0.27	0.55	0.07	46
0132 135107	3.5	75	19	X	X	648	0.18	0.62	X	45
0133 135109	5.9	334	23	X	X	353	0.27	0.82	X	36
0134 135111	1.3	9	4	X	X	324	0.10	0.17	X	7
0135 135113	0.6	8	6	X	X	529	0.08	0.10	X	12
0136 135115	0.6	3	4	X	X	367	0.10	0.14	X	8
0137 135117	0.4	15	15	X	X	437	0.13	0.15	X	10
0138 135119	0.7	6	10	X	X	422	0.13	0.19	X	9
0139 135121	1.6	564	50*	X	X	82	0.29	0.51	X	149
0140 135123	0.3	2573	14	X	X	251	0.03	X	X	79
0141 135125	0.6	2950	23	X	X	192	0.08	0.12	X	117
0142 135127	0.5	2509	13	X	X	300	0.03	X	X	101
0' 135129	0.6	3147	23	X	X	276	0.08	0.12	X	115
0144 135131	0.5	22	8	X	X	437	0.17	0.26	X	9
0145 135133	0.6	19	9	X	X	364	0.24	0.45	X	12
0146 135135	0.4	4	5	X	X	272	0.10	0.17	X	7
0147 135137	0.4	20	14	X	X	237	0.19	0.50	X	29
0148 135139	0.3	2576	12	X	X	196	0.02	X	X	58
0149 135141	1.0	109	9	X	X	228	0.40	0.42	X	33
0150 135143	0.7	48	6	X	X	220	0.31	0.57	X	30
0151 135145	0.6	352	13	X	X	304	0.46	0.51	X	56
0152 135147	0.3	948	5	X	X	188	0.03	0.06	X	64
0153 135149	0.3	549	6	X	X	240	0.05	0.09	X	45
0154 135151	0.6	2334	17	X	X	720	0.11	0.63	0.27	64
0155 135153	2.9	2608	21	16	X	74	0.40	1.64	0.59	201*
0156 135155	1.3	282	11	X	X	798	0.47	3.70	X	68
0157 135157	1.8	97	8	X	X	617	0.31	4.00	X	42
0158 135159	1.3	127	10	X	X	458	0.60	14.53*	X	65
0159 135161	2.2	26	17	X	X	1146	0.35	2.45	X	43
0160 135163	1.7	79	12	15	X	381	0.30	3.03	X	63



ANALYSIS

ELEMENTS	Au	Au-Rp1	Ag	As	Bi	Co	Cr	Cu	Fe	Mg
UNITS	ppb	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
DETECTION	1	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01
DIGEST	BT/	B/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	ETA	MS	MS	MS	MS	OES	OES	OES	OES
SAMPLE NUMBERS										
0161 135165	2		0.23	8.0	0.40	42.5	293	115*	8.78	0.96

CHECKS										
0001 134701	4		0.03	1.1	0.08	0.6	14	3	0.69	0.09
0002 134755	2		0.23	23.6	0.47	25.0	384	27	7.84	0.20
0003 134807	3		0.22	1.6	0.06	0.9	15	6	1.43	0.05
0004 134859	1		0.09	3.2	0.13	6.1	170	48	7.25	0.28
0005 135053	1		X	0.5	0.02	9.6	444	3	1.79	0.10
0006 135105	6		0.03	22.5	0.10	84.7	1.20%	9	30.35	0.05
0007 135157	2		0.03	4.0	0.23	14.7	185	39	8.64	0.86

STANDARDS										
0001 PL-11	22		5.47	42.7	41.23	194.2	200	31	10.97	0.03
0002 SYN23	1593		0.86	474.8	8.64	40.4	271	102	8.33	0.03
0003 AE15	51		0.74	158.2	10.33	42.5	179	109	9.33	0.04
0004 AE15	57		0.89	149.7	10.18	44.1	176	112	9.29	0.05
0005 CMM-04	43		0.69	98.1	9.33	39.8	244	88	8.27	4.49
0006 GLS16	321		0.15	68.3	1.38	6.2	47	15	1.28	X
0007 NGL-18	17		0.79	44.0	8.46	42.9	182	28	4.69	0.02
0008 PL-11	17		4.60	40.3	39.57	198.9	182	30	10.00	0.02
0009 SYN23	1518		1.00	475.4	8.24	40.3	272	95	8.87	0.03
0010 AE15	57		1.07	155.0	9.00	44.9	170	112	9.23	0.04
0011 AE15	56		1.34	158.2	9.20	43.9	173	118	9.97	0.04
0012 CMM-04	45		1.34	95.8	7.75	36.1	236	89	7.63	4.64
0013 GLS16	350		0.09	86.2	1.53	7.9	63	21	1.64	X

BLANKS										
0001 Control Blank	X		X	X	X	X	3	X	X	X
0002 Control Blank	2		0.01	X	X	X	X	X	X	X
0003 Control Blank	1		X	X	0.03	X	X	X	X	X



ANALYSIS

ELEMENTS	Mo	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	0.1	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/						
ANALYTICAL FINISH	MS	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS										
0161 135165	1.4	179	11	34	X	986	0.44	4.89*	X	51

CHECKS

0001 134701	0.7	5	9	X	X	231	0.17	0.53	X	10
0002 134755	1.4	276	21	X	X	379	1.28	4.35	0.10	39
0003 134807	0.7	4	12	X	X	704	0.21	0.24	X	36
0004 134859	1.1	36	15	X	X	406	0.29	1.84	X	55
00 135053	0.5	38	5	X	X	132	0.11	0.12	X	13
0006 135105	6.2	609	14	X	X	397	0.27	0.52	X	48
0007 135157	1.8	99	9	13	X	645	0.29	3.95	X	31

STANDARDS

0001 PL-11	114.0	29	231	123	X	677	26.84	0.79	0.09	23
0002 SYN23	25.4	110	57	17	X	2224	4.69	0.63	0.15	101
0003 AE15	25.2	115	54	375	234	569	5.93	1.57	0.07	102
0004 AE15	25.5	119	58	294	235	595	5.93	1.48	X	106
0005 CMM-04	23.8	95	49	101	X	450	5.69	1.25	X	78
0006 GLS16	5.1	16	8	X	X	73	1.08	0.26	X	19
0007 NGL-18	24.3	23	50	210	189	245	6.07	0.77	0.08	26
0008 PL-11	110.9	26	222	113	X	606	29.22	0.83	X	32
0009 SYN23	25.3	105	54	25	X	2299	5.46	0.74	0.07	107
0010 AE15	23.0	114	58	251	226	564	6.05	1.36	X	120
00 AE15	22.8	121	62	244	227	613	5.85	1.39	0.07	127
0012 CMM-04	20.3	95	48	56	X	433	5.37	1.15	X	88
0013 GLS16	6.1	23	11	X	X	91	1.38	0.32	X	25

BLANKS

0001 Control Blank	X	X	X	X	X	X	X	X	X	X
0002 Control Blank	0.3	X	X	X	X	16	0.02	X	X	2
0003 Control Blank	0.2	X	X	X	X	12	0.02	X	X	2



METHOD CODE DESCRIPTION

B/ETA

Aqua-Regia digest. Analysed by Graphite Furnace Atomic Absorption Spectrometry.

BT/MS

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

BT/OES

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.



ANALYTICAL REPORT

Gary BRABHAM
 ADAMUS RESOURCES LTD
 PO Box 568
 WEST PERTH, W.A. 6872
 AUSTRALIA

JOB INFORMATION

JOB CODE : 815.0/0704239
 No. of SAMPLES : 246
 No. of ELEMENTS : 19
 CLIENT O/N : 20001 2/2 (Job 1 of 1)
 SAMPLE SUBMISSION No. :
 PROJECT : SERPENTINE RIDGE
 STATE : Soil
 DATE RECEIVED : 26/04/2007
 DATE COMPLETED : 18/06/2007
 DATE PRINTED : 18/06/2007

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

MAIN OFFICE AND LABORATORY

15 Davison Street, Maddington 6109, Western Australia
 PO Box 144, Gosnells 6990, Western Australia
 Tel: +61 8 9251 8100 Fax: +61 8 9251 8110
 Email: genalysis@genalysis.com.au
 Web Page: www.genalysis.com.au

KALGOORLIE SAMPLE PREPARATION DIVISION

12 Keogh Way, Kalgoorlie 6430, Western Australia
 Tel: +61 8 9021 6057 Fax: +61 8 9021 3476

ADELAIDE SAMPLE PREPARATION DIVISION

124 Mooringe Avenue, North Plympton 5037, South Australia
 Tel: +61 8 8376 7122 Fax: +61 8 8376 7144

JOHANNESBURG SAMPLE PREPARATION DIVISION

Unit 14a 253 Dormehl Road, Middlepark,
 Anderbolt, Gauteng, South Africa 1459.
 Tel: +27 11 918 0869 Fax: +27 11 918 0879



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.

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 \$3.00 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	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0001 135251	10	0.56	11.4	0.23	7.5	287	60	8.62	0.44	2.4
0002 135253	7	0.27	11.9	0.21	10.0	357	96	9.42	0.57	2.4
0003 135255	7	0.13	14.3	0.28	7.5	283	100	8.19	0.44	2.9
0004 135257	4	0.14	6.8	0.18	5.5	125	44	7.50	0.40	1.3
0005 135259	4	0.07	1.9	0.06	168.9	4145	3	15.21	0.35	0.8
0006 135261	3	0.18	1.1	0.04	126.4	1305	X	10.80	7.32	0.4
0007 135263	13	0.06	18.4	0.10	199.1	3005	X	23.76	6.27	0.7
0008 135265	X	0.03	3.7	0.09	256.5	962	X	19.29	6.42	0.6
0009 135267	7	0.05	22.2	0.14	228.3	994	7	24.47	5.35	1.2
0010 135269	4	0.11	23.7	0.11	65.0	288	17	9.05	1.31	0.4
0011 135271	2	0.05	2.6	0.22	15.0	141	63	8.08	0.89	1.4
0012 135273	X	X	3.3	0.41	11.1	167	69	10.10	1.05	2.5
0013 135275	4	0.40	2.6	0.34	15.2	257	78	10.81	0.98	1.8
0014 135277	5	0.41	7.3	0.32	10.1	301	61	8.44	0.75	1.7
0015 135279	2	0.42	5.8	0.31	13.5	135	47	13.87	0.53	1.0
0016 135281	3	0.19	6.4	0.28	8.8	146	51	7.49	0.30	1.4
0017 135283	4	0.41	6.7	0.30	33.1	202	101	9.55	1.02	2.0
0018 135285	3	0.32	13.9	0.53	8.0	226	90	12.29	0.21	2.5
0019 135287	4	0.37	13.7	0.37	22.9	171	118	12.27	0.57	2.4
0020 135289	11	0.33	117.7*	0.40	49.0	160	128	10.12	0.68	2.5
0021 135291	4	0.96	11.7	0.22	22.9	152	64	6.80	1.19	1.4
0022 135293	2	0.24	5.2	0.13	29.5	201	71	8.11	1.93	0.9
0023 135295	1	0.19	4.2	0.09	141.8	1462	6	10.30	2.20	0.5
0024 135297	X	0.80	2.8	0.08	257.3	6525	X	31.45	0.30	1.0
0025 135299	10	0.16	3.0	0.15	245.0	3588	2	18.84	3.91	0.8
0026 135301	19	0.12	17.0	0.46	215.3	7051	3	37.42	0.13	1.7
0027 135303	17	0.14	10.9	0.33	257.1	4318	X	21.09	6.57	0.6
0028 135305	9	0.30	4.4	0.16	341.3	2851	2	29.76	5.03	0.7
0029 135307	1	0.77	13.1	0.16	466.5	1677	5	22.77	4.39	0.7
0030 135309	3	0.39	55.8	0.20	171.1	843	21	19.67	1.21	1.2
0031 135311	3	0.60	3.3	0.42	22.5	246	55	10.14	0.77	1.7
0032 135313	1	0.09	4.3	0.60	31.3	556	63	12.27	1.03	3.6
0033 135315	3	0.10	8.3	0.35	25.6	270	70	10.72	0.50	1.4
0034 135317	3	0.04	20.0	1.32	15.6	349	364	17.92	0.34	3.4
0035 135319	2	0.20	9.8	0.26	71.3	1378	172	12.62	0.60	1.1
0036 135321	4	0.09	12.3	0.41	47.7	295	72	6.33	1.49	0.9
0037 135323	4	0.38	14.2	0.38	89.0	305	93	7.94	1.23	1.2
0038 135325	1	0.19	11.5	0.37	29.1	342	58	8.10	0.89	1.8
0039 135327	6	0.11	12.8	0.35	16.9	217	88	10.97	0.64	2.2
0040 135329	3	0.14	12.4	0.36	19.1	223	108	11.33	0.98	2.0



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0001 135251	60	17	X	X	802	0.49	2.44	0.46	59
0002 135253	85	17	X	X	559	0.73	2.65	0.22	78
0003 135255	73	20	X	X	706	0.94	2.85	0.27	49
0004 135257	39	12	X	X	458	0.44	2.80	0.17	45
0005 135259	931	13	X	24	430	0.10	0.21	0.28	45
0006 135261	1330	11	X	8	441	0.06	0.13	0.83	38
0007 135263	3916	13	X	X	327	0.16	0.18	4.82	61
0008 135265	1515	18	X	X	560	0.24	0.26	1.89	49
0009 135267	2270	14	X	X	316	0.17	0.75	2.01	61
0010 135269	463	20	X	X	1112	0.20	0.57	0.55	74
0011 135271	58	14	X	X	652	0.29	2.77	X	31
0012 135273	49	15	X	X	395	0.46	5.91	X	39
0013 135275	67	12	28	X	591	0.55	11.40	X	24
0014 135277	51	17	X	X	802	0.48	3.26	0.05	40
0015 135279	35	22	X	X	1199	0.44	1.73	0.11	70
0016 135281	41	26	X	X	1330	0.46	2.22	0.18	31
0017 135283	85	19	X	X	880	0.34	2.60	0.29	69
0018 135285	73	19	X	X	893	0.82	5.20	X	35
0019 135287	95	18	X	X	859	0.73	4.15	X	56
0020 135289	85	19	X	X	982	0.73	4.52	X	59
0021 135291	72	21	X	X	1210	0.64	1.35	0.15	51
0022 135293	98	13	X	X	829	0.34	1.49	X	67
0023 135295	351	17	X	7	549	0.12	0.31	X	44
0024 135297	1280	13	X	6	124	0.19	0.40	0.12	88
0025 135299	2169	13	X	X	359	0.23	0.56	3.65	68
0026 135301	1806	13	X	X	424	0.99	1.45	8.24	77
0027 135303	3893	14	X	X	393	0.30	2.02	6.20	85
0028 135305	4276	13	X	X	500	0.12	0.40	3.13	59
0029 135307	2120	20	X	X	321	0.19	1.83	0.41	48
0030 135309	589	14	X	X	246	0.35	1.88	0.23	58
0031 135311	84	17	33	X	508	0.42	5.82	0.08	44
0032 135313	132	32	13	X	554	0.71	9.99	X	53
0033 135315	56	19	X	X	734	0.48	4.22	0.08	41
0034 135317	60	14	22	X	743	0.69	21.35	X	22
0035 135319	119	8	X	X	648	0.73	4.43	X	26
0036 135321	121	26	X	5	696	0.44	1.63	0.10	51
0037 135323	135	12	X	X	715	0.40	2.52	0.10	78
0038 135325	126	12	X	X	446	0.49	3.33	0.16	72
0039 135327	87	14	X	X	784	0.78	5.00	0.09	50
0040 135329	92	15	X	X	632	0.75	5.34	X	61



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0041 135331	7	0.14	6.7	0.35	169.8	7733	2	31.83	0.15	1.4
0042 135333	15	0.11	7.0	0.85	445.3	7588	7	27.51	1.37	1.1
0043 135335	X	0.14	26.2	0.67	730.4	8423	8	29.34	0.50	1.5
0044 135337	20	0.13	8.0	0.24	944.6	3330	6	31.49	1.83	0.7
0045 135339	2	0.20	16.8	0.32	181.4	2508	X	18.00	7.41*	0.7
0046 135341	10	0.08	7.2	0.13	1494.9*	6201	3	40.31	0.69	1.0
0047 135343	3	0.08	3.1	0.09	477.4	2262	3	30.57	4.85	0.5
0048 135345	2	0.16	4.0	0.10	1370.0	2759	6	32.81	2.10	1.4
0049 135347	X	0.20	31.4	0.25	132.0	1088	28	27.22	0.68	1.7
0050 135349	2	0.60	3.4	0.18	36.8	197	40	8.48	1.22	1.0
0051 135351	3	0.17	5.8	0.67	80.1	390	332	21.76	0.10	1.2
0052 135353	2	0.08	5.7	0.77	15.4	234	184	14.19	0.30	1.9
0053 135355	3	0.07	6.8	0.58	12.7	414	159	15.76	0.49	1.8
0054 135357	1	0.10	6.8	0.42	17.2	351	145	14.85	0.57	1.8
0055 135359	2	0.17	6.9	0.31	8.4	150	43	8.57	0.77	2.8
0056 135361	5	0.10	7.3	0.18	13.6	92	38	6.39	0.47	1.3
0057 135363	8	0.22	24.9	0.98	6.2	62	38	5.37	0.28	2.4
0058 135365	7	0.33	7.5	0.31	27.4	58	67	6.46	0.47	1.1
0059 135367	3	0.12	7.6	0.44	6.8	107	32	5.52	0.43	1.2
0060 135369	3	0.05	5.6	0.29	12.6	188	52	7.62	0.74	1.8
0061 135371	X	0.13	12.0	0.48	363.9	6800	2	33.15	3.12	1.4
0062 135373	X	0.05	10.3	0.27	362.9	6118	X	31.32	2.29	1.2
0063 135375	1	0.09	2.9	0.13	380.3	2426	X	25.40	5.54	0.6
0064 135377	1	X	3.7	0.38	46.6	277	96	13.76	0.34	0.8
0065 135379	X	0.06	1.9	0.34	7.3	114	16	5.00	0.20	0.5
0066 135381	X	0.04	5.1	0.60	17.0	344	45	9.77	0.37	0.7
0067 135383	X	0.04	2.8	0.54	8.0	142	120	16.54	0.10	2.6
0068 135385	X	0.18	6.1	0.41	5.6	229	60	12.83	0.21	2.4
0069 135387	6	0.17	14.8	0.70	5.4	296	57	10.55	0.26	2.3
0070 135389	2	0.09	14.8	0.34	7.0	557	100	15.56	0.10	1.9
0071 135391	4	0.11	15.2	0.35	16.3	479	62	11.08	0.24	1.8
0072 135393	1	0.15	17.3	0.39	7.2	613	61	11.13	0.33	2.4
0073 135395	4	0.04	3.1	0.13	4.6	151	5	0.99	0.15	0.7
0074 135397	2	0.15	5.3	8.55*	8.8	311	222	16.07	0.12	1.1
0075 135399	X	0.39	2.0	0.33	11.3	108	57	8.66	0.44	0.5
0076 135401	2	0.14	3.1	1.50	20.0	272	121	9.47	0.38	1.0
0077 135403	2	0.11	6.6	1.06	49.2	377	105	11.86	0.24	1.3
0078 135405	X	0.23	2.3	1.06	6.3	202	90	10.68	0.08	1.3
0079 135407	2	0.15	4.2	0.73	17.9	284	207	19.07	0.06	1.7
0080 135409	X	0.27	6.0	0.50	12.9	249	139	14.30	0.14	2.0



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0041 135331	848	14	X	18	280	0.57	1.63	3.10	68
0042 135333	3615	11	X	13	192	0.54	2.16	6.46	94
0043 135335	1744	14	X	9	402	1.46*	5.21	12.35	90
0044 135337	3461	21	X	X	543	0.30	0.58	7.44	81
0045 135339	798	13	X	X	295	0.30	1.35	2.13	32
0046 135341	3963	14	X	X	243	0.22	0.34	3.71	75
0047 135343	4482	19	X	X	427	0.09	0.27	0.70	54
0048 135345	6507*	15	X	X	338	0.10	0.37	0.47	74
0049 135347	1154	16	11	X	274	0.67	3.03	X	57
0050 135349	118	19	X	X	534	0.21	2.35	0.13	59
0051 135351	87	13	X	X	773	1.00	19.40	X	22
0052 135353	76	16	X	X	737	0.76	8.93	X	24
0053 135355	83	16	18	X	626	0.65	7.81	X	29
0054 135357	90	18	X	X	650	0.69	6.07	0.14	35
0055 135359	38	14	X	X	937	0.30	2.57	0.35	46
0056 135361	33	20	X	X	1299	0.37	1.26	0.23	39
0057 135363	24	29	X	X	1667	0.51	1.76	1.89	23
0058 135365	45	10	X	X	1813*	0.42	1.84	1.37	45
0059 135367	25	12	X	X	1255	0.34	2.26	0.49	28
0060 135369	47	10	X	X	847	0.32	2.33	0.21	62
0061 135371	2114	14	X	X	174	0.44	0.84	17.16	65
0062 135373	2895	11	X	X	139	0.24	0.58	14.19*	64
0063 135375	2675	20	X	X	346	0.10	0.26	1.16	37
0064 135377	75	5	16	X	367	0.21	6.91	0.58	40
0065 135379	26	12	X	X	558	0.31	3.24	0.11	20
0066 135381	105	6	X	X	595	0.32	2.04	0.30	32
0067 135383	45	8	11	X	1025	0.76	11.67	X	15
0068 135385	57	14	X	X	684	0.56	4.64	X	23
0069 135387	54	14	X	X	942	0.85	16.05	0.10	18
0070 135389	111	19	X	X	872	0.62	4.59	X	33
0071 135391	64	18	X	X	1152	0.70	3.65	0.08	36
0072 135393	69	12	X	X	801	0.65	4.45	0.16	30
0073 135395	49	8	X	X	331	0.20	1.74	2.52	27
0074 135397	90	12	X	X	693	0.83	27.09	X	33
0075 135399	43	17	X	X	593	0.30	2.66	X	48
0076 135401	84	13	X	X	573	0.54	12.77	0.14	42
0077 135403	183	8	X	X	556	0.52	7.83	0.66	61
0078 135405	33	11	X	X	533	0.63	20.83	0.34	20
0079 135407	61	13	X	X	837	0.99	30.54*	0.07	32
0080 135409	60	16	X	X	624	0.50	8.63	X	33



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0081 135411	X	0.29	7.5	0.72	8.6	337	113	14.99	0.08	2.2
0082 135413	2	0.07	6.5	0.46	5.1	665	109	16.91	0.11	2.2
0083 135415	X	0.07	5.0	0.32	8.1	230	85	14.59	0.07	2.0
0084 135417	X	0.06	5.7	0.29	9.2	294	75	14.18	0.14	1.6
0085 135419	3	0.04	7.8	0.58	11.0	267	75	12.76	0.26	2.0
0086 135421	X	0.04	14.5	0.33	2.8	144	29	10.70	0.13	2.0
0087 135423	X	0.17	12.9	0.18	4.7	128	26	6.59	0.18	1.8
0088 135425	X	0.23	19.2	0.32	11.7	153	30	9.66	0.50	2.1
0089 135427	4	0.07	11.9	0.43	14.3	271	96	10.95	0.64	2.5
0090 135429	3	0.12	3.8	0.25	6.9	66	24	3.00	0.27	1.1
0091 135431	2	0.03	6.2	0.19	9.5	118	33	5.66	0.45	1.3
0092 135433	6	0.23	10.1	0.48	10.6	139	41	7.30	0.48	2.8
0093 135435	3	0.10	12.1	0.38	13.6	157	56	7.94	0.60	2.4
0094 135437	4	0.07	7.2	0.24	24.8	220	76	8.57	0.76	1.9
0095 135439	4	0.11	14.9	0.54	5.6	120	53	7.56	0.41	3.3
0096 135441	2	0.10	14.0	0.51	7.2	140	54	7.75	0.55	3.5
0097 135443	X	0.31	13.3	0.17	10.9	447	41	8.62	0.30	2.5
0098 135445	2	0.05	14.5	0.24	9.3	352	37	8.14	0.24	2.8
0099 135447	2	0.05	21.0	0.20	19.4	591	53	13.18	0.23	2.6
0100 135449	2	0.06	8.9	0.13	8.1	342	41	6.04	0.14	2.1
0101 135451	2	0.06	5.5	0.33	110.0	318	159	15.15	0.07	2.5
0102 135453	2	0.06	9.3	0.27	5.2	195	41	8.37	0.14	2.1
0103 135455	4	0.07	6.8	0.35	9.2	153	41	7.20	0.11	2.4
0104 135457	5	0.04	7.3	0.23	10.5	418	56	10.60	0.13	2.2
0105 135459	3	0.11	10.9	0.25	74.1	814	111	13.19	0.12	2.5
0106 135461	3	0.07	5.3	0.30	5.0	212	49	7.72	0.20	2.6
0107 135463	1	0.03	7.5	0.25	11.5	448	76	10.41	0.34	3.2
0108 135465	X	0.13	6.8	0.26	7.2	336	47	8.35	0.34	2.0
0109 135467	34	0.04	18.0	2.73	1.6	51	19	3.99	0.10	3.1
0110 135469	2	0.08	3.6	0.17	2.2	82	33	6.43	0.12	0.9
0111 135471	X	0.03	3.8	0.14	5.7	141	43	8.40	0.19	0.8
0112 135473	X	0.01	2.2	0.12	37.2	238	67	10.91	1.00	0.6
0113 135475	X	0.01	3.7	0.14	35.9	238	78	12.12	0.44	0.8
0114 135477	X	0.06	0.6	0.04	265.4	1467	X	27.47	7.96*	0.5
0115 135479	X	0.05	1.4	0.07	389.6	2339	3	30.43	4.62	0.7
0116 135481	X	0.19	1.5	0.06	635.4	2548	3	33.20	2.56	0.8
0117 135483	X	0.05	1.7	0.06	1137.9*	2451	1	41.49	0.35	1.1
0118 135485	X	0.03	3.6	0.09	575.7	2850	X	30.46	0.22	1.6
0119 135487	7	0.11	4.3	0.10	455.1	4060	3	33.11	1.10	1.7
0120 135489	2	0.17	9.8	0.12	186.3	6691*	3	42.41*	0.06	2.9



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0081 135411	54	13	X	X	614	0.67	10.05	X	25
0082 135413	53	15	14	X	914	0.58	8.16	X	26
0083 135415	49	10	X	X	624	0.51	5.17	X	32
0084 135417	49	17	X	X	693	0.49	6.45	X	40
0085 135419	43	17	X	X	837	0.43	9.19	0.12	49
0086 135421	10	17	X	X	605	0.62	2.98	X	23
0087 135423	31	15	X	X	1447	0.48	2.69	0.14	39
0088 135425	45	10	X	X	488	0.42	4.24	0.11	84
0089 135427	100	15	X	X	479	0.60	5.92	X	69
0090 135429	26	8	X	X	1094	0.25	1.71	0.32	53
0091 135431	46	12	X	X	1059	0.35	2.69	0.12	91
0092 135433	34	21	X	X	1061	0.47	3.30	0.15	52
0093 135435	49	19	X	X	1148	0.48	3.19	0.09	73
0094 135437	74	19	X	X	805	0.32	2.91	0.11	92
0095 135439	38	28	X	X	1114	0.67	4.03	0.07	47
0096 135441	41	20	X	X	808	0.54	4.33	0.08	63
0097 135443	101	11	X	X	975	0.46	2.38	X	44
0098 135445	70	10	X	X	1373	0.61	2.78	X	46
0099 135447	118	15	X	X	1223	0.65	2.54	X	48
0100 135449	56	13	X	X	1894	0.45	2.02	0.06	41
0101 135451	105	17	19	X	1172	0.67	6.68	X	24
0102 135453	48	15	X	X	821	0.53	3.37	X	33
0103 135455	40	17	X	X	1021	0.46	4.15	X	28
0104 135457	55	21	X	X	816	0.45	3.55	X	30
0105 135459	87	18	25	11	790	0.64	3.34	X	33
0106 135461	32	14	11	X	763	0.42	3.37	X	26
0107 135463	69	13	X	X	592	0.51	4.48	X	40
0108 135465	52	17	X	X	868	0.42	3.19	0.05	39
0109 135467	6	12	X	X	344	0.97	1.51	X	22
0110 135469	13	11	X	X	309	0.39	2.27	X	40
0111 135471	25	16	X	X	505	0.41	2.44	X	44
0112 135473	93	16	X	X	341	0.23	3.23	X	131
0113 135475	55	18	X	X	461	0.33	3.38	0.11	88
0114 135477	2294	7	X	X	85	0.05	0.14	X	79
0115 135479	3256	7	X	X	176	0.07	0.23	X	102
0116 135481	4685	5	X	X	152	0.08	0.21	X	113
0117 135483	4500	X	X	X	95	0.10	0.21	X	165
0118 135485	2532	9	X	X	125	0.18	0.38	X	95
0119 135487	1455	5	X	X	152	0.15	0.41	X	92
0120 135489	1725	7	20	X	310	0.33	0.50	X	90



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0121 135491	X	0.06	7.9	0.13	494.8	5400	3	38.47	0.23	2.6
0122 135493	X	0.03	9.4	0.16	172.7	2951	2	32.84	0.07	2.7
0123 135495	3	0.07	8.2	0.11	115.9	686	4	14.90	0.18	1.4

CHECKS

0001 135265	X	0.08	3.0	0.09	260.8	889	2	18.00	6.31	0.6
0002 135317	3	0.05	20.9	1.31	14.4	321	343	16.84	0.32	3.6
0003 135369	X	0.04	6.2	0.31	11.7	186	56	7.59	0.72	2.2
0004 135421	X	0.07	14.9	0.31	2.4	129	27	9.94	0.13	2.4

STANDARDS

0001 CMM-04	42	0.85	96.5	8.13	32.4	242	93	8.72	4.83	23.9
0002 GLS16	293	0.38	93.4	1.83	8.2	73	24	1.79	0.01	7.0
0003 NGL-18	25	1.11	43.4	9.21	41.7	199	28	5.28	0.02	25.3
0004 PL-11	21	5.20	43.7	41.10	194.3	203	29	11.61	0.03	119.2
0005 SYN23	1037	1.03	442.8	8.66	38.3	286	99	8.89	0.03	25.0
0006 AE15	59	1.04	151.4	10.31	49.6	174	116	9.70	0.05	26.2
0007 AE15	59	1.00	154.1	9.50	44.7	172	115	9.76	0.04	25.3
0008 CMM-04	36	0.69	98.4	8.56	36.3	274	95	9.47	5.12	23.5
0009 GLS16	X	0.02	9.3	0.10	192.6	6697	23	43.98	0.06	2.7
0010 NGL-18	19	0.70	40.7	9.27	49.2	197	29	5.13	0.02	25.0

BLANKS

0001 Control Blank	X	X	X	X	X	X	X	X	X	X
0002 Control Blank	X	0.03	X	X	0.5	4	X	0.02	X	X
0003 Control Blank	X	X	X	0.01	0.2	2	X	X	X	0.1



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0121 135491	3371	6	12	X	113	0.22	0.50	X	160*
0122 135493	1249	15	X	X	281	0.29	1.00	X	89
0123 135495	460	X	X	X	198	0.19	1.33	X	49

CHECKS									
0001 135265	1409	16	X	X	514	0.24	0.25	3.95	48
0002 135317	68	14	16	X	770	0.73	25.28	X	25
0003 135369	52	14	X	X	899	0.35	2.49	0.20	63
0004 135421	15	17	X	X	562	0.70	2.95	X	23

STANDARDS									
0001 CMM-04	96	49	14	X	345	6.14	1.19	X	86
0002 GLS16	27	12	X	X	99	1.38	0.37	0.06	24
0003 NGL-18	25	56	194	192	274	6.13	0.78	0.22	25
0004 PL-11	28	245	X	X	719	31.55	0.85	X	26
0005 SYN23	109	57	X	X	2631	6.24	0.78	X	101
0006 AE15	118	60	271	242	598	6.91	1.39	0.18	110
0007 AE15	116	59	235	236	627	6.66	1.37	0.18	111
0008 CMM-04	94	49	14	X	440	6.07	1.15	X	86
0009 GLS16	1725	20	X	X	316	0.28	0.39	X	94
0010 NGL-18	27	55	190	195	275	6.16	0.77	0.11	26

BLANKS									
0001 Control Blank	X	X	X	X	12	X	X	X	X
0002 Control Blank	1	X	X	X	15	X	X	0.07	X
0003 Control Blank	2	X	X	X	12	X	X	X	X



METHOD CODE DESCRIPTION

BT/MS

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

BT/OES

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.



ANALYTICAL REPORT

Steven COYLE
ADAMUS RESOURCES LTD
 PO Box 568
 WEST PERTH, W.A. 6872
 AUSTRALIA

JOB INFORMATION

JOB CODE : 815.0/0707095
 No. of SAMPLES : 184
 No. of ELEMENTS : 19
 CLIENT O/N : Steve Coyle (Job 1 of 1)
 SAMPLE SUBMISSION No. : 20004
 PROJECT : Serpentine Ridge
 STATE : Sieved Soil
 DATE RECEIVED : 27/06/2007
 DATE COMPLETED : 15/08/2007
 DATE PRINTED : 15/08/2007

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

MAILING OFFICE AND LABORATORY

15 Davison Street, Maddington 6109, Western Australia
 PO Box 144, Gosnells 6990, Western Australia
 Tel: +61 8 9251 8100 Fax: +61 8 9251 8110
 Email: genalysis@genalysis.com.au
 Web Page: www.genalysis.com.au

KALGOORLIE SAMPLE PREPARATION DIVISION

12 Keogh Way, Kalgoorlie 6430, Western Australia
 Tel: +61 8 9021 6057 Fax: +61 8 9021 3476

ADELAIDE SAMPLE PREPARATION DIVISION

124 Mooringe Avenue, North Plympton 5037, South Australia
 Tel: +61 8 8376 7122 Fax: +61 8 8376 7144

JOHANNESBURG SAMPLE PREPARATION DIVISION

Unit 14a 253 Dormehl Road, Middlepark,
 Anderbolt, Gauteng, South Africa 1459.
 Tel: +27 11 918 0869 Fax: +27 11 918 0879



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.

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 \$3.00 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	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0001 135201	X	0.06	0.6	0.02	0.9	10	8	0.69	0.10	0.5
0002 135203	1	0.27	1.3	0.01	1.0	4	9	0.34	0.13	0.6
0003 135205	X	0.07	0.6	X	0.8	6	7	0.57	0.13	0.6
0004 135207	X	0.60	0.8	0.01	1.8	10	8	0.44	0.04	0.8
0005 135209	2	0.13	1.1	0.02	245.8	649	X	16.39	11.57	0.4
0006 135211	2	0.16	2.0	0.08	375.6	1672	1	33.37	3.54	0.9
0007 135213	2	0.49	X	X	76.5	1168	13	7.46	0.80	0.5
0008 135215	3	0.39	1.1	0.02	133.8	3815	7	15.55	1.05	0.7
0009 135217	4	0.41	1.7	0.04	37.1	233	237*	10.93	0.50	0.7
0010 135219	2	0.22	X	0.03	45.7	331	10	4.46	0.51	0.6
0011 135221	2	0.13	X	0.03	60.5	419	14	5.53	0.55	0.5
0012 135223	X	0.16	X	X	81.4	817	5	6.77	0.45	0.6
0013 135225	X	0.04	1.0	0.02	130.6	2192	8	18.32	0.29	0.8
0014 135497	2	0.06	0.8	0.03	48.6	289	56	8.40	0.23	0.5
0015 135499	4	0.55	0.8	0.02	102.7	1450	17	9.01	0.62	0.5
0016 135501	3	0.38	10.0	0.05	17.4	417	10	19.84	0.04	1.4
0017 135503	3	0.04	1.0	0.03	6.5	194	6	3.99	0.06	0.6
0018 135505	1	0.09	X	X	1.5	34	8	0.67	0.03	0.6
0019 135507	3	0.16	0.7	0.01	4.7	83	5	2.41	0.04	0.6
0020 135509	2	0.24	6.4	0.04	35.9	203	7	7.59	0.37	0.8
0021 135511	2	0.39	3.0	0.19	5.0	61	9	1.98	0.23	0.8
0022 135513	2	0.57	1.5	0.12	1.6	13	11	0.53	0.21	0.6
0023 135515	X	0.07	0.8	0.01	2.2	41	8	1.17	0.07	0.6
0024 135517	1	0.51	3.7	0.13	3.2	107	16	6.79	0.10	1.4
0025 135519	1	0.41	2.0	0.13	10.6	136	51	8.38	0.59	0.8
0026 135521	3	0.43	4.1	0.10	26.7	194	69	13.88	1.01	0.8
0027 135523	3	0.28	4.1	0.14	8.5	154	51	8.33	0.52	1.3
0028 135525	2	0.34	17.2	0.23	2.1	63	53	5.89	1.43	2.4
0029 135527	X	0.52	3.9	0.16	4.8	138	48	11.46	0.31	1.2
0030 135529	3	0.12	6.0	0.12	6.9	108	61	8.21	0.17	1.4
0031 135531	2	0.20	5.1	0.15	17.2	101	52	8.10	0.34	1.2
0032 135533	3	0.18	4.6	0.13	22.6	206	74	12.57	0.72	1.0
0033 135535	3	0.35	5.0	0.15	26.2	156	56	9.73	0.31	1.0
0034 135537	3	0.11	7.7	0.17	16.3	91	47	8.41	0.23	1.4
0035 135539	6	0.30	4.0	0.17	46.0	106	61	9.74	0.25	0.8
0036 135541	2	0.45	1.7	0.12	26.9	117	64	10.49	0.32	0.5
0037 135543	2	0.57	2.3	0.09	31.0	191	103	10.85	0.67	0.6
0038 135545	3	0.30	0.8	X	761.6	400	X	42.51	1.88	0.4
0039 135547	3	0.27	0.7	0.02	629.7	280	X	34.41	3.74	0.3
0040 135549	2	0.08	X	X	682.4	298	X	31.70	5.35	0.2



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0001 135201	3	14	X	X	840	0.15	0.35	0.07	5
0002 135203	1	11	X	X	1362	0.26	0.41	1.43	8
0003 135205	2	4	X	X	726	0.10	0.30	1.10	6
0004 135207	12	33	X	X	431	0.52	0.99	1.24	10
0005 135209	3427	3	X	X	179	0.06	0.23	0.88	63
0006 135211	3847	6	X	X	170	0.10	0.37	0.86	131*
0007 135213	507	X	X	X	169	0.03	0.21	1.05	37
0008 135215	559	3	X	20	108	0.05	0.29	2.55	49
00 135217	112	6	X	20	389	0.14	0.46	1.03	57
0010 135219	340	X	X	X	287	0.07	0.33	1.20	14
0011 135221	403	X	X	X	255	0.05	0.21	1.02	18
0012 135223	652	X	X	6	176	0.06	0.26	0.85	24
0013 135225	940	X	X	8	128	0.06	0.23	0.88	45
0014 135497	85	X	X	X	258	0.06	0.31	0.80	57
0015 135499	682	3	X	10	168	0.05	0.23	0.79	50
0016 135501	209	3	X	X	346	0.34	1.14	0.67	21
0017 135503	65	X	X	X	269	0.09	0.57	1.01	9
0018 135505	7	X	X	X	331	0.14	0.66	0.99	3
0019 135507	37	X	X	X	222	0.08	0.45	2.36	12
0020 135509	302	4	X	X	226	0.12	1.30	0.72	30
0021 135511	74	18	X	X	946	0.18	1.88	1.39	37
0022 135513	13	26	X	X	1732	0.45	0.62	0.66	17
0023 135515	10	3	X	X	581	0.11	0.62	1.95	14
00C 135517	17	7	X	X	479	0.30	1.80	1.01	18
0025 135519	49	11	X	X	821	0.28	2.13	0.87	82
0026 135521	79	19	X	X	396	0.33	2.54	1.03	104
0027 135523	41	13	X	X	658	0.39	2.32	0.10	65
0028 135525	7	20	X	X	578	0.60	1.20	1.22	26
0029 135527	28	15	X	X	1126	0.45	2.41	0.75	35
0030 135529	15	14	X	X	500	0.41	1.67	0.66	26
0031 135531	43	14	X	X	938	0.42	1.68	0.89	59
0032 135533	62	14	X	X	700	0.38	2.83	0.53	69
0033 135535	33	13	X	X	539	0.34	2.29	0.53	67
0034 135537	15	10	X	X	316	0.58	2.05	0.59	54
0035 135539	27	15	X	X	474	0.47	2.10	0.73	56
0036 135541	33	10	X	X	411	0.32	2.25	0.65	66
0037 135543	81	13	X	X	567	0.26	2.40	1.00	127
0038 135545	4543	X	X	X	63	0.06	0.24	0.59	81
0039 135547	4435	4	X	X	255	0.06	0.26	0.50	99
0040 135549	4041	X	X	X	228	0.03	0.18	0.38	60



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0041 135551	1	0.19	2.5	0.24	28.9	163	50	10.81	0.32	0.5
0042 135553	2	0.11	4.9	0.45*	9.6	59	25	7.58	0.27	0.4
0043 135555	2	0.31	2.3	0.10	39.7	182	70	10.54	0.53	0.5
0044 135557	1	0.14	4.3	0.16	5.4	78	24	4.30	0.32	1.0
0045 135559	2	0.10	8.1	0.17	6.3	113	59	10.43	0.26	1.8
0046 135561	2	0.59	5.9	0.10	3.5	69	25	5.57	0.15	1.7
0047 135563	2	0.18	8.0	0.14	3.6	129	40	11.20	0.20	1.8
0048 135565	2	0.26	4.2	0.15	2.6	110	31	7.13	0.15	1.4
00 135567	1	0.45	6.0	0.16	12.2	128	47	9.00	0.25	1.5
0050 135569	X	0.18	0.6	X	324.9	95	X	24.56	9.53	0.2
0051 135571	2	0.17	0.9	X	237.6	310	X	16.05	12.27	0.2
0052 135573	X	0.34	1.0	0.01	499.3	292	X	34.20	6.01	0.2
0053 135575	1	0.18	0.6	X	639.9	316	X	32.97	5.19	0.2
0054 135577	3	0.37	5.3	0.37	41.0	52	46	7.53	0.84	1.2
0055 135579	6	0.48	15.4	0.27	11.8	107	57	8.09	0.37	4.3
0056 135581	2	0.29	7.2	0.16	17.0	114	49	6.87	0.57	2.3
0057 135583	1	0.10	1.2	0.03	794.6	258	X	34.77	3.89	0.4
0058 135585	4	0.09	0.9	0.02	563.3	666	X	34.94	3.32	0.4
0059 135587	X	0.27	0.8	X	359.0	227	X	18.54	6.02	0.2
0060 135589	2	0.41	1.3	0.02	261.6	291	4	15.90	6.61	0.2
0061 135591	2	0.36	4.0	0.13	25.8	201	43	9.26	0.95	0.5
0062 135593	2	0.40	6.5	0.17	24.6	138	61	10.11	0.30	1.5
0063 135595	3	0.16	6.4	0.16	9.2	180	56	12.26	0.27	1.2
00 135597	6	0.31	7.2	0.29	8.4	97	55	10.26	0.20	1.7
0065 135599	3	0.25	11.6	0.16	19.8	131	83	14.18	0.25	1.9
0066 135601	3	0.36	6.3	0.07	280.8	5580	2	43.15	0.06	1.9
0067 135603	2	0.10	6.8	0.08	225.5	4085	6	40.71	0.05	1.9
0068 135605	X	0.24	7.5	0.08	178.2	3243	14	34.24	0.04	2.1
0069 135607	X	0.04	5.0	0.08	125.2	281	29	10.73	0.20	1.0
0070 135609	3	0.14	9.9	0.22	4.7	122	41	6.46	0.22	2.3
0071 135611	2	0.16	3.7	0.16	8.0	152	79	10.03	0.23	1.2
0072 135613	2	0.13	3.6	0.07	8.3	211	67	12.04	0.19	0.8
0073 135615	2	0.15	1.2	0.15	9.8	102	60	13.12	0.48	0.8
0074 135617	2	0.31	1.9	0.11	16.0	147	81	13.46	0.48	0.8
0075 135619	2	0.21	X	X	604.2	239	X	36.47	2.70	0.2
0076 135621	X	0.20	5.3	X	755.3	292	X	35.50	4.46	0.2
0077 135623	4	0.23	6.8	0.13	167.7	3846	X	37.05	0.08	1.9
0078 135625	X	0.05	0.8	0.07	136.8	264	6	17.68	0.41	0.2
0079 135627	X	0.21	0.7	0.10	12.0	100	22	3.82	0.55	0.2
0080 135629	X	0.15	1.1	0.42	12.1	88	29	5.10	0.61	0.2



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0041 135551	232	14	X	X	246	0.36	2.22	0.77	40
0042 135553	56	20	X	X	187	0.63	2.32	0.38	39
0043 135555	67	11	X	X	467	0.29	2.32	0.33	107
0044 135557	23	10	X	X	444	0.29	1.32	0.49	38
0045 135559	26	12	X	X	398	0.65	2.33	0.34	75
0046 135561	15	8	X	X	424	0.43	1.41	1.54	25
0047 135563	21	12	X	X	526	0.48	1.97	0.73	26
0048 135565	18	11	X	X	478	0.39	1.76	0.55	18
00 135567	39	11	X	X	409	0.46	2.01	0.67	34
0050 135569	4238	3	X	X	259	0.05	0.26	0.45	62
0051 135571	3503	X	X	X	320	0.04	0.20	0.53	52
0052 135573	2474	X	X	18	222	0.05	0.21	0.43	39
0053 135575	2367	X	X	X	300	0.05	0.19	0.07	40
0054 135577	96	23	X	X	1434	0.42	1.63	0.55	84
0055 135579	48	20	X	X	529	0.91	1.73	0.42	49
0056 135581	52	16	X	X	439	0.48	1.76	0.40	65
0057 135583	5436	X	X	X	166	0.07	0.22	0.44	127
0058 135585	3687	X	X	X	157	0.08	0.23	1.29	131*
0059 135587	2683	5	X	X	694	0.05	0.15	0.64	60
0060 135589	5869	6	X	X	872	0.06	0.31	0.39	96
0061 135591	277	12	X	X	388	0.38	1.97	0.64	83
0062 135593	59	16	X	X	483	0.70	1.82	0.48	55
0063 135595	31	11	X	X	588	0.61	2.08	0.43	53
00 135597	20	16	X	X	430	0.94	2.41	0.36	38
0065 135599	28	12	X	X	364	0.55	1.78	0.79	71
0066 135601	2274	2	X	X	321	0.25	0.43	0.23	94
0067 135603	2030	3	X	X	343	0.25	0.47	0.25	78
0068 135605	1119	6	X	X	405	0.25	0.50	0.17	63
0069 135607	498	15	X	X	228	0.54	0.76	0.18	38
0070 135609	18	25	X	X	526	1.02	1.83	0.26	26
0071 135611	32	10	X	X	357	0.50	2.15	0.29	49
0072 135613	34	11	X	X	724	0.29	1.90	0.22	50
0073 135615	35	13	X	X	294	0.72	1.89	0.32	51
0074 135617	41	10	X	X	307	0.53	2.18	0.11	62
0075 135619	6453*	X	X	X	143	0.05	0.18	0.17	82
0076 135621	5978*	X	X	X	127	0.06	0.16	0.25	88
0077 135623	1255	5	X	X	309	0.19	0.66	0.19	49
0078 135625	1160	7	X	X	163	0.08	0.66	0.17	30
0079 135627	142	17	X	X	321	0.17	1.74	0.20	26
0080 135629	159	12	X	X	243	0.12	1.76	0.28	57



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0081 135631	X	0.22	1.3	0.19	24.0	105	42	4.61	0.71	0.3
0082 135633	X	0.30	4.8	0.11	15.9	240	62	9.90	0.40	1.0
0083 135635	3	0.31	4.7	0.13	19.7	258	80	11.07	0.56	1.0
0084 135637	1	0.23	5.4	0.13	18.7	174	63	9.39	0.45	1.2
0085 135639	X	0.14	1.4	0.03	589.9	292	X	36.24	2.94	0.7
0086 135641	1	0.15	6.0	0.03	976.4*	2520	3	31.69	0.55	0.6
0087 135643	X	0.08	0.7	0.02	167.1	470	6	8.33	1.41	0.2
0088 135645	X	0.33	1.5	0.04	37.1	158	46	6.18	1.08	0.3
0089 135647	X	0.08	2.3	0.12	33.5	199	31	4.58	0.35	0.3
0090 135649	X	0.11	3.1	0.11	18.0	121	49	6.90	0.22	0.8
0091 135651	2	0.30	5.3	0.08	7.1	301	95	14.12	0.18	0.8
0092 135653	1	0.10	4.8	0.05	45.1	305	114	15.97	0.29	0.6

CHECKS

0001 135201	2	0.19	0.9	0.04	1.2	13	5	0.74	0.11	0.4
0002 135523	5	0.16	5.2	0.17	9.7	184	59	9.22	0.61	1.4
0003 135575	2	0.04	0.7	X	623.9	330	X	31.48	5.24	0.2
0004 135627	2	0.10	1.3	0.11	12.5	95	22	3.68	0.53	0.2

STANDARDS

0001 PL-12	22	1.81	42.9	10.65	47.8	68	28	10.05	0.02	27.0
0002 BSL6	10	3.54	26.2	25.46	113.0	249	32	4.19	0.65	70.0
0003 PL-12	29	1.50	43.7	10.82	51.5	66	27	11.38	0.02	29.2
0004 GLS16	307	0.18	85.4	1.70	8.2	67	22	1.67	X	6.6
0005 NGL-18	19	0.98	39.9	8.93	44.0	189	28	5.21	0.02	24.8
0006 PL-12	29	1.32	44.9	11.57	53.6	73	28	11.93	0.02	29.3
0007 GLS16	323	0.21	86.2	1.69	8.5	65	22	1.64	X	6.3
0008 VSL-1	3	0.02	9.9	0.28	13.8	81	28	4.31	0.60	1.1

BLANKS

0001 Control Blank	X	0.03	X	X	X	X	2	0.05	X	0.2
0002 Control Blank	X	0.05	X	X	X	X	X	0.02	X	X
0003 Control Blank	1	X	X	0.02	X	X	X	X	X	X



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	W	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	MS	OES
SAMPLE NUMBERS									
0081 135631	207	13	X	X	382	0.13	1.77	0.19	82
0082 135633	56	15	X	X	529	0.41	1.87	0.19	60
0083 135635	70	16	X	X	445	0.38	2.17	0.07	75
0084 135637	51	16	X	X	631	0.47	2.25	0.11	74
0085 135639	6173	2	X	22	184	0.07	0.25	0.50	94
0086 135641	3238	2	X	X	225	0.11	0.27	0.07	84
0087 135643	814	4	X	X	243	0.06	0.32	0.08	28
0088 135645	112	7	X	X	265	0.16	0.84	0.06	47
0089 135647	74	17	X	X	288	0.21	0.91	X	32
0090 135649	35	14	X	X	426	0.48	1.22	X	46
0091 135651	47	13	X	X	617	0.41	2.00	0.08	72
0092 135653	62	15	X	X	514	0.31	1.76	X	131*

CHECKS

0001 135201	6	16	X	X	820	0.19	0.36	0.18	10
0002 135523	50	15	X	X	712	0.50	2.82	0.08	77
0003 135575	2311	X	X	X	286	0.06	0.16	0.06	41
0004 135627	137	16	X	X	326	0.16	1.76	0.08	27

STANDARDS

0001 PL-12	25	65	33	X	279	7.50	0.83	0.74	23
0002 BSL6	33	149	285	251	3421	20.66	6.38	0.66	29
0003 PL-12	25	63	24	X	282	9.45	0.81	0.39	22
0004 GLS16	24	10	X	X	98	1.44	0.40	0.37	21
0005 NGL-18	31	54	185	216	280	6.97	0.79	0.33	32
0006 PL-12	30	67	X	X	294	9.28	0.80	0.07	26
0007 GLS16	23	11	X	X	108	1.41	0.42	0.15	21
0008 VSL-1	24	61	X	X	134	0.59	1.42	X	148

BLANKS

0001 Control Blank	2	X	X	X	X	0.02	X	X	X
0002 Control Blank	X	X	X	X	X	0.03	X	0.06	X
0003 Control Blank	X	X	X	X	17	X	0.07	X	X



METHOD CODE DESCRIPTION

BT/MS

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

BT/OES

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.



ANALYTICAL REPORT

Steve COYLE
ADAMUS RESOURCES LTD
 PO Box 568
 WEST PERTH, W.A. 6872
 AUSTRALIA

JOB INFORMATION

JOB CODE : 815.0/0709726
 No. of SAMPLES : 260
 No. of ELEMENTS : 18
 CLIENT O/N : 20005 (Job 1 of 1)
 SAMPLE SUBMISSION No. : 20005
 PROJECT : Serpentine Ridge
 STATE : Soil
 DATE RECEIVED : 21/08/2007
 DATE COMPLETED : 23/11/2007
 DATE PRINTED : 23/11/2007

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

MADGON OFFICE AND LABORATORY

15 Davison Street, Maddington 6109, Western Australia
 PO Box 144, Gosnells 6990, Western Australia
 Tel: +61 8 9251 8100 Fax: +61 8 9251 8110
 Email: genalysis@genalysis.com.au
 Web Page: www.genalysis.com.au

KALGOORLIE SAMPLE PREPARATION DIVISION

12 Keogh Way, Kalgoorlie 6430, Western Australia
 Tel: +61 8 9021 6057 Fax: +61 8 9021 3476

ADELAIDE SAMPLE PREPARATION DIVISION

124 Mooringe Avenue, North Plympton 5037, South Australia
 Tel: +61 8 8376 7122 Fax: +61 8 8376 7144

JOHANNESBURG SAMPLE PREPARATION DIVISION

43 Malcolm Moodie Crescent,
 Jet Park, Gauteng, South Africa 1459
 Tel: +27 11 552 8149 Fax: +27 11 552 8248



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 \$3.00 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.



NOTES

1. Please note:
 1. The following samples were received as Empty Packets:
93073, 93074



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0001 93001	X	0.02	X	0.04	2.3	24	3	0.50	0.11	0.2
0002 93003	X	X	X	0.02	0.3	8	2	0.24	0.02	X
0003 93005	1	0.02	X	0.03	1.7	19	5	0.49	0.07	0.3
0004 93007	4	X	0.9	0.05	5.7	191	40	8.06	0.27	0.4
0005 93009	1	0.03	2.9	0.07	102.0	215	94*	11.12	0.48	0.5
0006 93011	1	0.01	2.0	0.05	92.4	215	68	11.26	0.43	0.4
0007 93013	2	0.01	0.8	0.05	49.0	339	35	12.34	2.07	0.2
0008 93015	4	0.01	1.9	0.04	631.0	715	11	30.03	0.35	0.7
() 93017	3	0.02	0.9	0.06	698.6	1270	4	30.07	2.35	0.6
0010 93019	X	0.04	1.4	0.06	895.1	1555	5	36.28	1.79	0.6
0011 93021	4	0.02	13.6	0.05	644.5	1282	2	31.03	5.71	0.5
0012 93023	X	0.05	1.4	0.04	437.4	631	X	23.02	9.04	0.3
0013 93025	X	0.05	2.1	0.12	463.8	595	3	23.82	4.49	0.9
0014 93027	X	0.02	3.1	0.05	432.9	703	2	29.72	2.70	0.9
0015 93029	X	0.03	2.0	0.09	488.4	220	1	29.48	5.02	0.8
0016 93031	X	X	24.9	0.05	502.8	319	X	23.22	9.02	5.2*
0017 93033	X	X	1.3	0.09	426.9	114	2	24.00	7.58	0.4
0018 93035	2	0.03	1.1	0.07	531.6	151	1	23.75	7.23	0.3
0019 93037	3	0.03	0.8	0.05	628.8	161	X	31.81	5.28	0.4
0020 93039	1	0.02	1.1	0.05	755.8	197	X	34.15	4.86	0.3
0021 93041	X	0.03	3.2	0.05	633.3	2073	X	41.97	0.13	0.6
0022 93043	X	0.02	1.2	0.07	805.7	411	2	35.97	1.72	0.3
0023 93045	X	0.03	0.6	0.04	491.4	178	3	26.33	7.33	X
() 93047	X	0.01	1.0	0.04	34.1	511	54	6.01	2.48	X
0025 93049	X	0.03	7.9	0.17	54.1	196	68	8.63	1.40	0.7
0026 93051	X	0.03	5.3	0.06	574.4	3663	2	43.23	0.11	1.4
0027 93053	X	0.02	5.7	0.08	713.6	5545	X	44.52	0.49	2.0
0028 93055	X	0.03	5.6	0.08	631.5	2382	2	32.41	3.11	2.0
0029 93057	X	X	1.0	0.04	483.6	315	X	17.15	13.09*	0.3
0030 93059	X	X	1.4	0.08	593.4	295	X	19.84	10.08	0.3
0031 93061	X	0.02	1.2	0.06	787.5	278	1	38.13	1.86	0.6
0032 93063	X	0.04	3.1	0.09	622.2	1313	2	30.44	3.11	1.1
0033 93065	X	0.04	8.9	0.13	254.8	5045	X	42.00	0.05	2.2
0034 93067	X	0.05	10.5	0.13	194.0	3515	2	40.47	0.06	2.7
0035 93069	X	0.03	4.1	0.14	54.5	263	68	13.76	0.54	1.0
0036 93071	2	0.02	6.3	0.09	52.3	274	74	17.44	0.30	0.7
0037 93075	1	X	4.0	0.07	532.4	3970	X	41.87	0.10	1.4
0038 93077	X	X	3.2	0.09	477.9	1111	3	33.63	1.29	0.9
0039 93079	X	0.02	2.9	0.07	818.1	1810	X	41.59	0.23	1.0
0040 93081	X	0.02	3.8	0.07	743.6	3494	X	43.94	0.12	1.1



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	OES
SAMPLE NUMBERS								
0001 93001	26	11	X	X	368	0.16	0.37	26
0002 93003	1	2	X	X	187	0.05	0.20	2
0003 93005	7	9	X	X	503	0.16	0.32	9
0004 93007	71	3	X	X	240	0.06	0.53	43
0005 93009	120	15	X	9	477	0.14	0.38	81
0006 93011	139	7	X	X	435	0.10	0.30	126
0007 93013	331	6	X	6	258	0.10	0.26	207
0008 93015	2464	3	X	X	242	0.10	0.18	119
() 93017	3619	3	X	X	226	0.04	0.19	136
0010 93019	4767	4	X	X	229	0.08	0.18	184
0011 93021	3518	4	X	X	164	0.14	0.15	117
0012 93023	2646	8	X	X	233	0.04	0.19	84
0013 93025	2505	17	X	X	360	0.11	0.29	93
0014 93027	4484	X	X	8	123	0.06	0.14	87
0015 93029	3097	12	X	X	264	0.07	0.22	97
0016 93031	2266	8	X	8	241	0.07	0.17	87
0017 93033	3159	14	X	X	443	0.06	0.21	74
0018 93035	2707	13	X	X	349	0.06	0.19	82
0019 93037	3153	5	X	X	184	0.03	0.13	98
0020 93039	4100	5	X	X	249	0.05	0.25	68
0021 93041	4379	3	X	X	136	0.09	0.24	60
0022 93043	4821	10	X	X	419	0.06	0.21	53
0023 93045	3073	13	X	X	507	0.04	0.14	32
C 93047	227	5	X	X	298	0.05	0.62	55
0025 93049	143	18	X	X	551	0.65	1.84	112
0026 93051	2636	4	X	15	308	0.12	0.32	111
0027 93053	2945	X	15	X	93	0.14	0.22	118
0028 93055	3102	9	X	X	185	0.07	0.20	110
0029 93057	4560	14	X	X	201	0.04	0.14	67
0030 93059	3727	19	X	X	315	0.07	0.21	79
0031 93061	3805	6	X	X	157	0.05	0.18	79
0032 93063	2975	8	X	X	318	0.08	0.25	79
0033 93065	1432	3	X	X	367	0.17	0.64	50
0034 93067	925	8	X	X	397	0.29	0.71	56
0035 93069	153	30	14	X	758	0.54	2.04	116
0036 93071	201	44	X	X	756	0.39	2.56	181
0037 93075	1808	X	10	9	190	0.12	0.30	103
0038 93077	2051	14	X	7	279	0.19	0.26	117
0039 93079	2698	5	X	X	138	0.10	0.21	116
0040 93081	2676	X	X	X	118	0.11	0.24	113



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0041 93083	1	0.05	2.7	0.10	555.2	1241	2	32.10	2.88	0.7
0042 93085	X	X	1.2	0.05	528.5	521	2	20.56	5.71	0.2
0043 93087	X	0.01	0.9	0.07	488.1	198	X	23.13	9.23	0.3
0044 93089	X	0.05	1.3	0.07	519.0	262	3	27.05	3.43	0.4
0045 93091	X	0.05	0.9	0.06	486.7	403	2	18.86	10.54	0.2
0046 93093	X	0.01	4.2	0.05	1326.6	457	2	39.19	2.36	0.3
0047 93095	X	X	X	0.03	40.9	522	15	3.07	1.88	X
0048 93097	X	0.02	0.6	0.03	83.0	456	27	4.43	1.64	X
() 93099	X	0.02	1.7	0.10	27.8	223	42	6.12	0.90	0.3
0050 93101	X	X	2.2	0.07	655.6	2489	2	33.13	0.91	0.8
0051 93103	X	0.03	2.2	0.11	764.0	1098	2	32.06	1.86	0.7
0052 93105	X	0.06	2.4	0.09	763.0	1042	2	33.53	1.32	0.8
0053 93107	X	0.02	1.7	0.10	438.4	324	1	36.00	3.79	0.7
0054 93109	X	0.05	1.5	0.09	452.0	165	2	22.37	5.99	0.4
0055 93111	X	0.03	2.8	0.05	1207.2	466	X	42.36	0.43	0.6
0056 93113	X	0.04	1.1	0.08	677.0	164	X	38.23	3.74	0.3
0057 93115	X	0.03	5.5	0.07	805.8	4748	X	42.51	0.08	1.3
0058 93117	X	0.06	4.5	0.07	245.7	5207	2	40.44	0.06	1.4
0059 93119	X	0.02	2.2	0.06	353.9	1295	7	21.82	5.10	0.6
0060 93121	3	X	3.4	0.14	20.4	259	54	10.01	0.45	0.9
0061 93123	3	X	2.4	0.14	8.9	147	35	10.13	0.22	0.8
0062 93125	4	X	2.3	0.12	12.8	109	36	12.16	0.17	0.6
0063 93127	2	X	X	0.08	1.9	12	X	0.32	0.04	0.3
() 93129	X	0.02	0.7	0.03	2.3	24	2	0.93	0.10	0.3
0065 93131	4	X	X	0.04	1.5	9	2	0.35	0.06	0.3
0066 93133	3	X	2.3	0.04	371.5	1750	3	28.52	1.51	0.6
0067 93135	2	X	1.0	0.04	378.7	1302	2	28.08	3.11	0.4
0068 93137	2	X	0.8	0.03	326.4	947	X	22.47	9.81	0.2
0069 93139	2	X	1.0	0.05	250.8	674	3	17.54	7.37	0.4
0070 93141	X	X	0.6	0.04	347.8	531	X	20.71	9.93	0.2
0071 93143	X	X	X	X	63.7	513	1	17.96	7.14	X
0072 93145	1	X	0.7	0.03	7.7	24	1	1.03	0.24	0.2
0073 93147	X	X	X	0.02	3.1	10	X	0.44	0.08	0.2
0074 93149	2	X	0.9	0.04	1.4	8	1	0.62	0.08	0.2
0075 93151	2	X	X	0.02	2.0	25	1	0.42	0.02	0.3
0076 93153	2	X	X	0.03	2.4	85	X	0.76	0.03	0.2
0077 93155	X	X	X	0.04	39.7	97	2	2.72	0.37	0.3
0078 93157	1	0.05	1.2	0.06	398.2	515	2	21.83	7.81	0.4
0079 93159	2	0.01	1.0	0.05	212.4	1510	1	24.96	0.55	0.6
0080 93161	X	0.02	1.0	0.09	217.9	472	2	12.70	9.70	0.3



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	OES
SAMPLE NUMBERS								
0041 93083	5257	13	X	X	318	0.06	0.24	112
0042 93085	5581	8	X	X	525	0.04	0.23	87
0043 93087	3655	15	X	X	318	0.05	0.36	81
0044 93089	2569	17	X	X	542	0.05	0.20	102
0045 93091	4229	16	X	X	554	0.04	0.22	70
0046 93093	4913	5	X	X	216	0.04	0.19	61
0047 93095	190	12	X	X	256	0.07	0.17	32
0048 93097	286	14	X	X	195	0.05	0.39	84
() 93099	115	13	X	X	361	0.24	1.31	94
0050 93101	5761*	5	X	X	198	0.06	0.23	130
0051 93103	3292	12	X	6	252	0.10	0.27	149
0052 93105	4121	10	X	6	182	0.08	0.21	124
0053 93107	3001	13	X	X	299	0.06	0.24	143
0054 93109	2815	19	X	X	495	0.08	0.25	99
0055 93111	3908	X	X	19	87	0.07	0.17	110
0056 93113	3249	4	X	5	191	0.04	0.17	94
0057 93115	2901	5	X	X	183	0.10	0.30	135
0058 93117	1789	5	X	X	361	0.13	0.44	58
0059 93119	4108	11	X	X	1051	0.06	0.24	73
0060 93121	109	18	X	X	625	0.87	1.76	62
0061 93123	48	15	X	X	683	0.34	2.52	27
0062 93125	26	14	X	X	658	0.42	1.85	25
0063 93127	9	5	X	X	299	0.07	0.40	2
() 93129	14	4	X	X	832	0.11	0.18	10
0065 93131	8	3	X	X	341	0.06	0.26	5
0066 93133	3397	4	X	X	529	0.09	0.15	104
0067 93135	2288	X	X	X	458	0.04	0.15	82
0068 93137	3140	4	12	X	241	0.04	0.09	86
0069 93139	3028	12	X	X	744	0.07	0.17	77
0070 93141	3092	9	X	X	321	0.03	0.13	89
0071 93143	3672	6	X	X	414	X	X	78
0072 93145	67	4	X	X	786	0.13	0.14	29
0073 93147	25	2	X	X	289	0.05	0.09	4
0074 93149	10	4	X	X	579	0.11	0.10	10
0075 93151	10	X	X	X	128	0.07	0.11	8
0076 93153	9	3	X	6	106	0.05	0.14	6
0077 93155	238	3	X	X	130	0.06	0.20	23
0078 93157	2593	10	X	X	217	0.05	0.15	93
0079 93159	2005	4	X	X	112	0.06	0.12	81
0080 93161	2573	21	X	X	682	0.06	0.20	77



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0081 93163	2	0.05	1.8	0.10	660.9	1930	3	37.70	1.60	0.6
0082 93165	X	0.02	1.7	0.11	422.4	833	3	26.27	6.32	0.5
0083 93167	X	0.01	0.9	0.05	16.5	49	2	1.27	0.14	0.3
0084 93169	1	0.02	0.5	0.03	4.1	16	1	0.77	0.14	0.2
0085 93171	X	0.02	X	0.02	2.0	7	X	0.43	0.04	0.3
0086 93173	X	X	2.0	0.08	37.3	480	44	13.35	0.62	0.6
0087 93175	X	X	2.6	0.09	888.7	741	4	34.13	2.98	0.5
0088 93177	2	X	1.6	0.05	672.6	699	3	32.46	3.20	0.5
() 93179	1	0.01	1.4	0.05	300.4	517	X	16.02	12.26	0.2
0090 93181	4	0.05	2.1	0.10	591.4	1706	2	30.70	5.20	0.5
0091 135227	X	0.02	0.8	0.03	251.8	2229	4	23.90	2.38	0.5
0092 135229	X	0.06	0.8	0.03	334.5	3013	5	20.97	2.76	0.4
0093 93551	X	0.02	4.9	0.10	414.7	6910	X	41.14	0.06	1.8
0094 93553	X	0.03	8.8	0.15	344.3	8607	X	47.59*	0.04	3.0
0095 93555	2	0.01	8.8	0.14	439.0	6598	X	45.49	0.13	2.2
0096 93557	X	0.29	9.1	0.14	386.0	7621	2	43.90	0.59	2.1
0097 93559	1	X	7.5	0.08	210.5	6952	2	28.86	5.62	1.5
0098 93561	X	0.05	5.7	0.21	22.0	619	45	17.32	0.19	1.8
0099 93563	X	X	5.0	0.17	23.0	591	31	13.61	0.23	1.2
0100 93565	3	0.05	1.1	0.16	17.1	183	66	13.64	0.68	0.7
0101 93567	X	X	1.0	0.12	7.2	827	34	10.57	0.15	0.5
0102 93569	X	0.01	12.4	0.18	187.7	1.70%*	4	36.77	0.03	2.5
0103 93571	1	0.04	12.4	0.17	89.1	1.03%	4	28.18	0.04	4.3
C ' 93573	X	0.02	1.5	0.07	747.0	747	2	24.47	5.26	0.6
0105 93575	3	0.02	2.4	0.10	756.0	1525	4	33.34	1.84	0.9
0106 93577	2	0.05	2.1	0.07	461.0	1590	1	43.71	0.44	1.1
0107 93579	X	0.03	2.1	0.08	971.8	878	2	31.61	3.67	0.8
0108 93581	1	X	1.9	0.08	533.4	1375	3	29.14	5.21	0.7
0109 93583	2	X	3.0	0.06	448.7	1396	2	27.35	5.64	0.5
0110 93585	2	0.04	2.6	0.04	936.9	1868	1	29.64	7.14	0.7
0111 93587	X	0.03	4.3	0.12	345.6	3662	7	27.53	0.79	1.1
0112 93589	X	0.02	4.6	0.09	65.3	3046	2	20.33	0.10	1.5
0113 93591	X	0.03	1.4	0.06	757.1	319	4	22.45	5.10	0.3
0114 93593	2	X	0.9	0.05	11.8	83	3	1.54	0.16	0.3
0115 93595	2	X	1.2	0.08	266.5	101	3	7.97	8.43	0.3
0116 93597	3	0.04	28.6	0.07	131.6	450	20	23.82	3.89	2.2
0117 93599	X	0.02	31.2*	0.09	110.9	741	21	33.78	0.11	1.9
0118 93601	3	0.04	7.5	0.12	8.0	185	63	11.39	0.21	1.2
0119 93603	2	0.03	4.4	0.08	696.5	2933	X	46.20	0.19	1.1
0120 93605	1	0.01	1.6	0.06	508.5	590	3	28.28	5.09	0.7



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	OES
SAMPLE NUMBERS								
0081 93163	3390	10	X	X	226	0.09	0.22	152
0082 93165	2644	17	X	9	367	0.08	0.23	105
0083 93167	91	7	X	X	760	0.11	0.16	13
0084 93169	31	6	X	X	532	0.08	0.16	9
0085 93171	11	X	X	X	417	0.04	0.13	7
0086 93173	247	8	X	X	268	0.17	0.34	61
0087 93175	4090	8	X	X	217	0.12	0.16	136
0088 93177	3387	4	10	X	302	0.06	0.14	112
0089 93179	3110	15	X	X	274	0.04	0.15	70
0090 93181	3067	14	X	X	238	0.09	0.24	137
0091 135227	2643	X	X	X	260	0.04	0.11	65
0092 135229	2462	2	X	X	387	0.04	0.13	69
0093 93551	2689	5	X	X	298	0.13	0.34	81
0094 93553	1696	6	X	X	317	0.27	0.64	91
0095 93555	1843	8	X	X	226	0.23	1.15	113
0096 93557	1715	8	X	X	224	0.19	0.55	96
0097 93559	2643	7	X	X	213	0.08	0.38	109
0098 93561	242	48	X	X	573	0.52	3.05*	56
0099 93563	354	37	X	X	464	0.54	1.87	75
0100 93565	84	38	10	X	416	0.58	1.79	110
0101 93567	52	16	X	X	499	0.30	1.70	21
0102 93569	1187	5	X	X	580	0.35	0.89	74
0103 93571	608	7	X	X	696	0.26	0.84	43
0104 93573	3782	8	12	X	284	0.12	0.22	107
0105 93575	3373	8	13	X	234	0.08	0.24	123
0106 93577	4335	3	10	X	129	0.09	0.19	158
0107 93579	5117	10	X	X	241	0.06	0.25	124
0108 93581	4439	11	X	X	296	0.07	0.21	99
0109 93583	4736	12	X	X	362	0.05	0.18	109
0110 93585	4673	4	X	X	244	0.04	0.16	92
0111 93587	4276	14	13	X	667	0.12	0.51	92
0112 93589	306	4	X	X	390	0.13	0.46	40
0113 93591	3534	13	X	X	459	0.06	0.17	84
0114 93593	96	9	13	X	817	0.12	0.15	16
0115 93595	1634	22	X	X	764	0.09	0.21	59
0116 93597	929	86	X	X	617	1.03	0.52	486
0117 93599	1102	96*	X	14	445	1.20	0.53	621
0118 93601	75	19	X	X	552	1.19	1.97	96
0119 93603	2707	5	X	X	181	0.13	0.33	104
0120 93605	2799	10	X	11	303	0.08	0.22	124



ANALYSIS

ELEMENTS	Au	Ag	As	Bi	Co	Cr	Cu	Fe	Mg	Mo
UNITS	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
DETECTION	1	0.01	0.5	0.01	0.1	2	1	0.01	0.01	0.1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	MS	MS	MS	MS	MS	OES	OES	OES	OES	MS
SAMPLE NUMBERS										
0121 93607	4	0.03	1.9	0.08	463.9	619	4	20.34	8.61	0.4
0122 93609	X	0.38	3.6	0.10	790.0	2396	2	39.75	0.33	2.9
0123 93611	3	0.23	6.1	0.12	389.1	7062	X	40.95	0.18	3.6
0124 93613	X	0.18	5.6	0.10	3874.2*	2103	4	43.14	0.16	1.8
0125 93615	4	0.02	13.5	0.20	148.7	9869	2	41.83	0.03	3.5
0126 93617	X	0.03	13.5	0.19	199.7	8293	1	43.45	0.03	3.0
0127 93619	2	0.01	11.1	0.19	56.1	5032	2	40.03	0.03	2.7
0128 93621	X	X	5.6	0.06	252.2	623	10	11.87	0.63	0.4
() 93623	2	X	6.0	0.12	12.7	301	61	12.88	0.17	1.3
0130 93625	X	X	2.3	0.49*	17.4	118	38	8.70	0.18	0.9

CHECKS

0001 93001	X	0.02	0.6	0.05	3.6	22	3	0.51	0.09	0.4
0002 93053	4	0.02	5.8	0.08	671.6	5594	X	44.70	0.49	2.1
0003 93105	1	0.02	2.3	0.09	673.6	1062	3	34.14	1.35	0.8
0004 93157	3	X	1.4	0.06	426.7	496	2	21.04	7.61	0.4
0005 93573	X	X	1.4	0.07	769.3	802	2	25.52	5.56	0.6
0006 93625	3	X	2.2	0.12	18.2	123	40	9.04	0.18	0.9

STANDARDS

0001 VSL-1	2	0.02	10.5	0.27	18.1	77	28	4.32	0.60	0.9
0002 AE16	17	1.23	91.1	8.80	59.9	433	110	9.37	0.05	24.7
0003 BSL6	7	2.81	27.9	24.90	128.3	252	32	4.51	0.66	65.0
CMM-05	8	0.61	130.7	6.36	32.1	367	102	7.94	3.18	16.6
0005 GLS16	30	0.15	99.8	1.79	10.3	74	22	1.77	X	6.3
0006 BSL6	4	2.85	31.0	26.93	139.6	239	33	4.48	0.67	67.1
0007 CMM-05	15	0.66	144.5	6.87	36.7	382	108	8.28	3.42	18.3
0008 SYN23	4318	1.38	696.7	13.09	64.9	283	104	9.13	0.02	34.7
0009 VSL-1	18	X	11.0	0.29	16.7	75	28	4.47	0.60	1.2
0010 AE16	44	1.97	85.1	9.06	49.3	424	116	8.83	0.06	23.8

BLANKS

0001 Control Blank	X	X	X	X	X	X	X	0.01	X	X
0002 Control Blank	X	X	X	0.03	0.2	10	X	0.09	X	0.3
0003 Control Blank	6	0.02	X	X	X	X	X	X	X	0.1
0004 Control Blank	1	X	X	0.01	X	X	X	X	X	X

EMPTY PACKETS: 93073
93074



ANALYSIS

ELEMENTS	Ni	Pb	Pd	Pt	S	Sb	Sn	Zn
UNITS	ppm	ppm	ppb	ppb	ppm	ppm	ppm	ppm
DETECTION	1	2	10	5	10	0.02	0.05	1
DIGEST	BT/	BT/	BT/	BT/	BT/	BT/	BT/	BT/
ANALYTICAL FINISH	OES	OES	MS	MS	OES	MS	MS	OES
SAMPLE NUMBERS								
0121 93607	3268	21	11	X	526	0.09	0.28	128
0122 93609	2798	9	12	X	352	0.17	0.40	111
0123 93611	1559	10	X	9	249	0.23	0.66	75
0124 93613	2719	7	11	20	493	0.23	0.41	158
0125 93615	488	6	X	X	420	0.35	0.96	42
0126 93617	849	3	X	X	504	0.31	0.90	46
0127 93619	387	7	X	X	545	0.31	0.91	24
0128 93621	930	15	X	X	410	0.32	0.26	66
() 93623	67	33	X	X	594	0.73	1.76	43
0130 93625	41	19	X	X	356	1.24	0.92	38

CHECKS

0001 93001	26	12	X	X	411	0.17	0.32	29
0002 93053	2969	3	X	X	94	0.16	0.25	120
0003 93105	4187	11	X	X	189	0.10	0.23	129
0004 93157	2559	9	X	X	204	0.07	0.15	88
0005 93573	4086	11	X	7	279	0.13	0.22	112
0006 93625	45	22	X	X	365	1.24	0.91	40

STANDARDS

0001 VSL-1	27	59	X	X	144	0.47	1.43	150
0002 AE16	117	54	238	242	478	6.08	1.42	108
0003 BSL6	35	142	263	253	3416	19.86	6.70	30
() CMM-05	91	36	160	244	561	4.28	1.58	83
0005 GLS16	25	11	X	X	126	1.41	0.44	22
0006 BSL6	34	142	239	261	3532	21.65	6.73	31
0007 CMM-05	95	36	202	270	522	4.79	1.76	87
0008 SYN23	112	61	X	X	2943	8.16	1.27	105
0009 VSL-1	26	63	X	X	159	0.52	1.40	174
0010 AE16	115	53	219	263	491	6.82	1.43	106

BLANKS

0001 Control Blank	X	X	X	X	X	X	X	X
0002 Control Blank	X	X	X	X	21	0.02	0.05	X
0003 Control Blank	X	X	X	X	X	X	0.06	X
0004 Control Blank	X	X	X	X	X	X	0.06	X

EMPTY PACKETS: 93073
93074



METHOD CODE DESCRIPTION

BT/MS

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Mass Spectrometry.

BT/OES

1 gram mini Aqua-Regia digest in Test Tubes. Analysed by Inductively Coupled Plasma Optical (Atomic) Emission Spectrometry.



Appendix 2

Digital Data Files