



**Uranium Exploration
Australia Limited**

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Ngalia Thrust

Annual Technical Report on EL24566

for the period

21 October 2008 to 20 October 2009

Author: J. Cherry
9 November 2009

1:250, 000 map sheet: MOUNT DOREEN SF52-12
1:100, 000 map sheet: Doreen (5153) and Yuendumu (5253)

Bibliographic Data Sheet

Project Name: Ngalia Thrust.

Tenement Numbers: EL24566.

Tenement Operator: Uranium Exploration Australia Limited.

Report Type: Annual Technical Report.

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1:250, 000 map sheet: MOUNT DOREEN SF52-12
1:100, 000 map sheet: Doreen 5153, Yuendumu 5253

Target Commodity: Uranium

Keywords: Ngalia Thrust, Uranium, Ironstone, Greisen, Southwark Granite Suite, Diamond drilling, Radiometrics, Magnetics, Geochemistry, Prompt Fission Neutron (PFN), Gamma, Anomaly B, U²/Th ratio, Miaorilitic texture.

Prospects drilled: Crystal Creek Anomaly A.

List of Assays: Al₂O₃ Ag As Au Ba CaO Ce Co Cr Cu Dy Eu Er F Fe₂O₃t FeO Gd Ho K K₂O La LOI Lu Mn MnO MgO Mo Na₂O Nb Nd Ni P P₂O₅ Pb Rb S Sb SiO₂ Sm Sn Sr Ta Tb Ti TiO₂ Th U V W Y Yb Zn Zr.

Abstract:

Location: EL 24566, "Ngalia Thrust" is located approximately 320km northwest of Alice Springs in the Northern Territory. The tenement is situated on the boundary of the Doreen (5153) and Yuendumu (5253) 1:100,000 map sheets within the MOUNT DOREEN 1:250000 map sheet.

Geology: The geology comprises Palaeoproterozoic metamorphic and igneous rocks, intruded by the Mesoproterozoic Southwark Granite suite which is in turn overlain by the Neoproterozoic to Palaeozoic sedimentary units of the Ngalia Basin.

Work done: Exploration comprised 9 diamond holes for a total of 1014m, assay of 374 core samples, downhole logging of 7 drill holes using Prompt Fission Neutron (PFN) and gamma tool, field mapping, assay of 38 rock chip samples, QEMSCAN analysis of selected field samples, detailed airborne radiometrics/magnetics and a soil sampling over Anomaly B for a total of 599 samples.

Results: Drilling at Anomaly A failed to intersect any significant uranium mineralisation. Field mapping and reinterpretation of the 2007 airborne radiometrics lead to the discovery of a uriferous ironstone lode structure up to 3km in strike length outcropping at surface in an area referred to as Anomaly B. Best results from rock chip samples of the ironstone lode include 4,000ppm and 3,600ppm U.

Conclusions:

Use of the radiometric U^2/Th ratio proved very successful in highlighting the Anomaly B region as a potential site for uranium accumulation. The evident structural control over deposition of the ironstone lode at Anomaly B suggests the potential for further mineralised structures located beneath recent (Quaternary) cover sediments, which is further supported by detailed magnetics over the northwest corner of the tenement. A drilling program comprising ~2,500m RC drilling is planned to further test the main ironstone structure at Anomaly B and will commence during November 2009.

Summary

Drilling at the Anomaly A prospect comprising 9 diamond drill holes was completed in December 2008 for a total of 1,014 metres. A total of 374 half core samples taken at varying intervals were subsequently submitted for chemical assay and 7 of the holes were logged using down hole Prompt Fission Neutron (PFN) and gamma methods.

Assay results from the 2008 drilling program were disappointing, with the best result being 1m @ 176ppm U (08CC07, 30-31m) taken from a heavily altered granite at the margin of a heavily altered mafic intrusion. Results obtained from the PFN tool were erratic due to uranium concentrations being below PFN detection limits, with the gamma logs providing the best correlation with assay data.

Reprocessing of the 2007 airborne radiometric data was carried out to produce a U^2/Th image over EL 24566, which strongly highlighted the area referred to as Anomaly B. Subsequent field investigation led to the discovery of an outcropping uraniferous ironstone lode approximately 3km in strike length, which varies in width from ~30cm to several metres with an average width of ~2m. Using a portable Niton XL3t XRF analyser in the field, the best assay results from the ironstone lode included 3500ppm U (± 209) at location 83006, 2644ppm U (± 174) from location 83009 and 1438ppm U (± 140) from location 83011. Subsequent laboratory XRF analysis of approximately corresponding samples yielded 4000ppm U, 3600ppm U and 700ppm U respectively.

QEMSCAN analysis was conducted on two ironstone samples (83006 & 83009). The results of this work suggested that the uranium was hosted by Ti-Fe oxides (up to 5% U) while complex Rare Earth Element phases could host between 1-30% uranium. However, the results of this work were considered largely inconclusive due to complex mineral textures and intergrowths making unambiguous U/Th/REE mineral identification difficult. These samples were subsequently submitted for Scanning Electron Microscopy (SEM) work at the University of Adelaide, results are pending.

The ironstone is hosted by felsic intrusive rocks which outcrop throughout the Anomaly B region. These lithologies range from fine grained, quartz-feldspar porphyry to a coarse, equigranular granite. The porphyritic rock type contains varying levels of miarolitic texture and appears to be responsible for producing the U^2/Th anomaly in the region, with an average of 48ppm U and 23ppm Th obtained from 12 rock chip samples.

A high resolution airborne radiometric and magnetic survey was conducted during September 2009 over the northwest corner of the tenement, encompassing both Anomaly A and Anomaly B. This survey comprised a total of 1,913 line kilometres at a line spacing of 25m and sensor height of 20m. The resulting radiometrics both confirmed and better defined the U^2/Th anomaly at Anomaly B, while interpretation of the magnetics suggests the potential for further ironstone structures beneath cover and several attractive magnetic targets which coincide with interpreted structural trends in the area.

A soil sampling survey was conducted during October 2009 comprising 20 north-south oriented sampling lines at 200m line spacings with 20m sample intervals. A total of 599 samples were collected and submitted for assay. Results from this survey indicate that elevated Cr, Co, Ni, Ti and V values correlate well with the main ironstone lode and would be useful pathfinder elements for future soil surveys. Conversely, areas of elevated Ta and Nb, coupled with areas of low overall Ti seem to be the best indicators for the greisen alteration. The maximum uranium value obtained from the survey was 29ppm with an overall average of 10ppm U. Further work is also being carried out to confirm the validity of an elevated uranium soil anomaly which sits outside the major radiometric U²/Th anomalous regions.

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Digital data

EL24566_2009_A_01_AnnualReport.pdf
EL24566_2009_A_02_DrillingGeochem.txt
EL24566_2009_A_03_SurfaceGeochem.txt
EL24566_2009_A_04_SoilGeochem.txt
EL24566_2009_A_05_QemscanReport.pdf
EL24566_2009_A_06_AirborneLogisticsReport.pdf
EL24566_2009_A_07_MagneticsData.zip
EL24566_2009_A_08_RadiometricData.zip
EL24566_2009_A_09_DrillCollars

1. Introduction

EL 24566, “Ngalia Thrust” is located approximately 320km northwest of Alice Springs in the Northern Territory. The tenement is situated within the MOUNT DOREEN 1:250,000 map sheet and covers an area of 242km².

The tenement is accessed via the Tanami Track from Alice Springs and the unsealed Vaughan Springs Station access road (Figure 1). Access within the tenement is via existing station tracks and fence boundaries.

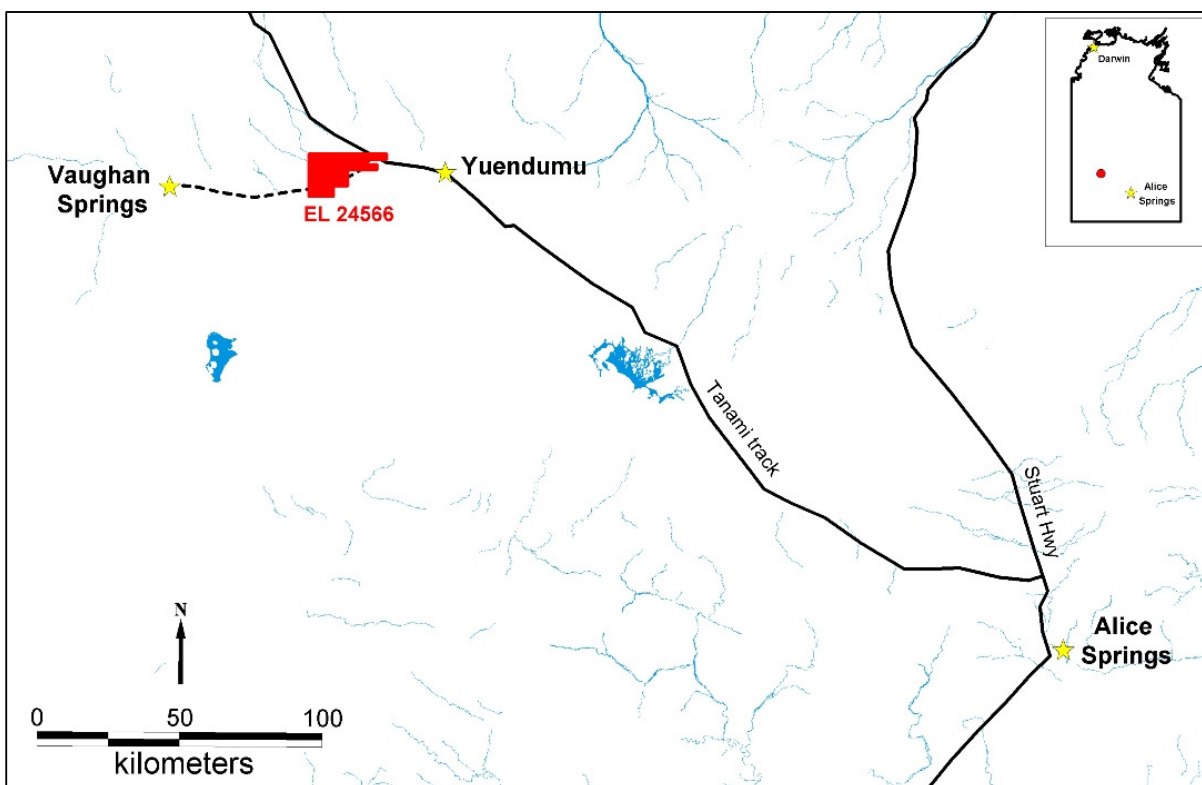


Figure 1: EL 24566 “Ngalia Thrust” project location.

1.1 Tenure

Exploration Licence 24566, registered in the name of Uranium Exploration Australia Limited (UXA) was granted 21 October 2005 for a term of 6 years.

1.2 Climate, vegetation and physiography

EL 24566 lies in an arid to semi arid rainfall belt receiving between 200mm and 250mm of rain per annum. The wet season is usually between the months of November and February. Temperature variation of greater than 38°C in summer to 0°C in winter has been recorded. The tenement lies within the Burt Plains bioregion.

Topography within the exploration licence is generally flat and much of the ground is covered by Mulga scrub. Several rock outcrops within the area are generally of low relief.

2. Previous Exploration

Prior to 1977 the only geological mapping undertaken in the region was in 1967 to compile the MOUNT DOREEN 1:250,000 Sheet (SF52-12).

During the 1970's Central Pacific Minerals (CPM) conducted track etch surveys on EL 605 (Yuendumu) in the vicinity of EL 24566. A total of 100 radon detection cups were laid and recovered along 5 traverses. Three 30m deep percussion holes were subsequently drilled on and around radon anomalies. Drilling failed to identify the source of the radon anomalies, however CPM suggested they could be caused by either uranium mineralisation, drainage (both surface and sub surface) or local radon producing concentrations of radioactive minerals. However, CPM's main interests centred on radiometric anomalies within outcropping Mt Eclipse Sandstone.

Detailed geological mapping was undertaken in 1977 by Afmeco over EL 1321 located immediately to the west of EL 24566, covering the areas of the Dingo's Rest and Rankins Reward uranium prospects.

Exploration between 1997 and 1999 by CRA/Rio Tinto on EL 9413 (Annie Spring) covered the northern unconformable contact between metamorphic rocks and granite intrusions of the Palaeoproterozoic Arunta Block and the Neoproterozoic to Carboniferous sediments of the Ngalia Basin (Davies, 1998). Exploration was focused on base metal and gold mineralisation, with uranium targets considered a secondary priority. Four magnetic anomalies were targeted for associated iron oxide, base metal and gold mineralisation. Further modelling produced two priority targets, AS1 and AS2.

Magnetic anomaly AS1 was tested by drill hole DD97AS001 in 1997 to a final depth of 177.9m, intercepting megacrystic granite to a depth of 111m and highly magnetic BIF from 111m to EOH. The BIF was interpreted as a "raft" within the granite, and subsequent geochemical assay failed to produce any anomalism.

Magnetic anomaly AS2 was tested with drill hole DD97AS002 to a final depth of 251.8m, intersecting siltstone, fine sandstone and four BIF zones up to 9m wide. The BIF was magnetite rich with chert veins and pervasive chlorite alteration. Associated pyrite assays returned 1100ppm As, 0.1g/t Au and 0.49wt% P. It was concluded that the Mg-chlorite alteration and hematite cherts associated with reactive lithologies shared strong similarities to the Kintyre uranium deposit in WA. Subsequently, the potential for uranium was upgraded and the licence was covered by a detailed airborne radiometric and magnetic survey (Davies, A., 1999).

Interpretation of the radiometric data revealed four zones related to distinct lithologies. Fifty-one radiometric anomalies were identified, of which nineteen were followed up on the ground:

- Zone 1 comprised the Mt Eclipse Sandstone and included the Bigrlyi deposit; seven anomalies were rock chip sampled but no significant mineralisation was identified.
- Zone 2 comprised the naturally elevated Patmungala Beds which did not warrant any further work.
- Zone 3 comprised anomalies sourced from the Yaloogarrie Granite. One hot spot anomaly sampled returned 2550ppm U and was associated with carnotite.
- Zone 4 was focused on contact zones between the Patmungala Beds and the Yarunganyi Granite. Six anomalies were followed up with visible torbernite observed within a narrow ferruginous quartz filled fracture. No significant mineralisation was located and the tenure was subsequently relinquished.

Work conducted by UXA since the commencement of tenure has included:

- 2005 - 2006. UXA conducted preliminary field investigations, collecting a total of nine rock samples which were assayed for uranium and base metals. The best result was 25ppm U from sample Ngalia-4, a megacrystic feldspathic granite. The highest scintillometer reading was located at Ngalia-8 (1240 cpm) in pegmatitic granite with possible secondary uranium fracture coatings. Most samples were of the highly differentiated Yarunganyi Granite and showed elevated radiometric activity (Sawyer 2007).
- 2006 - 2007. GPX Ltd was commissioned by UXA to conduct a detailed airborne radiometric and magnetic survey over EL24566. The survey comprised a total of 2658 line kilometres at 100m line spacings covering the entire tenement. Interpretation of the data revealed a number of uranium only anomalies, along with several major structural trends not previously mapped on the MOUNT DOREEN 1:250,000 mapsheet. The high intensity magnetic anomaly previously referred to as AS1 by CRA/Rio Tinto was clearly evident in the southern portion of the tenement.
- 2007 - 2008. Several field mapping trips were conducted during the reporting period, along with petrography on 10 field samples and assay work for 16 rock chip samples collected mainly around the Anomaly A area. The best assay result yielded 310ppm U (sample # NT109) from a heavily kaolinised granite. Planning for the late 2008 drilling campaign at Anomaly A was also carried out.

3. Geology and Mineralisation

The regional geology comprises Palaeoproterozoic metamorphic and igneous rocks (Lander Rock beds, Reynolds Range Group, Patmungala Beds, Carrington Granite Suite), the Mesoproterozoic Southwark Granite Suite and the Neoproterozoic to Palaeozoic sedimentary units of the Ngalia Basin (Figure 2).

The Lander Rock beds are interpreted to be older than 1880Ma and comprise pelitic & psammitic turbiditic schist and gneiss with minor metabasalt or metadolerite, with metamorphic grade ranging from greenschist to transitional granulite facies. The Reynolds Range Group unconformably overlies the Lander Rock beds and comprises epidotic calc-silicate and calcereous rocks, quartzite, pelitic and psammitic schists and mafic volcanics. The group has an interpreted age between 1780-1820Ma with metamorphic grade ranging from greenschist to amphibolite facies (Young, 1995).

The Patmungala Beds comprise a fault bounded sequence of sandstone and felsic volcanoclastic siltstone and has been dated at $1799 \pm 9\text{Ma}$ (U-Pb zircon). The Carrington Granite Suite intrudes the Lander Rock beds and comprises variably foliated granodiorite, tonalite and granite. A U-Pb zircon age of $1779 \pm 6\text{Ma}$ has been obtained for this suite (Young, 1995).

The Mesoproterozoic Southwark Granite Suite is the dominant rock type within EL 24566 and comprises five members; undivided Southwark Granite, Rapakivi Granite, Wakurlpa Granite, Yarunganyi Granite and Ethel Creek Granite. The suite is dated at around $\sim 1570\text{Ma}$ and intrudes the Lander Rock beds, Reynolds Range Group and Patmungala Beds (Young, 1995).

The Ngalia Basin is a large 300 km by 70 km east-west elongate intracratonic basin covering an area of $15,000\text{km}^2$. The Basin consists of approximately 6000m of Neoproterozoic and Palaeozoic sediments, which are thickest near the northern margin of the basin. The sequence consists of Neoproterozoic to Ordovician shallow marine and fluvial to glacial clastic, carbonate and evaporitic rocks.

The Neoproterozoic sedimentary rocks include the Vaughan Springs Quartzite, the Mt. Doreen Formation and the Yuendumu Sandstone. These are overlain by the Cambrian Walbiri Dolomite and the Bloodwood Formation followed by the Ordovician Djagamara Formation and Kerridy Sandstone and the Carboniferous Mt. Eclipse Sandstone. Cainozoic sediments unconformably overlie the basin sequence and in the central part of the basin these can be in excess of 250m thick.

3.1 Structure

The Ngalia basin was moderately deformed by Neoproterozoic and Carboniferous orogenies. Neoproterozoic tectonism resulted in major faulting and minor folding along the north margin of the basin. A Carboniferous orogeny caused major faulting, thrusting and folding, with older basement being thrust over basin sediments in places along the Yuendumu Thrust.

Basement lithologies are dominated by west northwest trending faults. Ngalia Basin sediments are folded into broad to open folds with fold axes striking east west. The most prominent structural feature within the tenement is the Yuendumu Thrust fault.

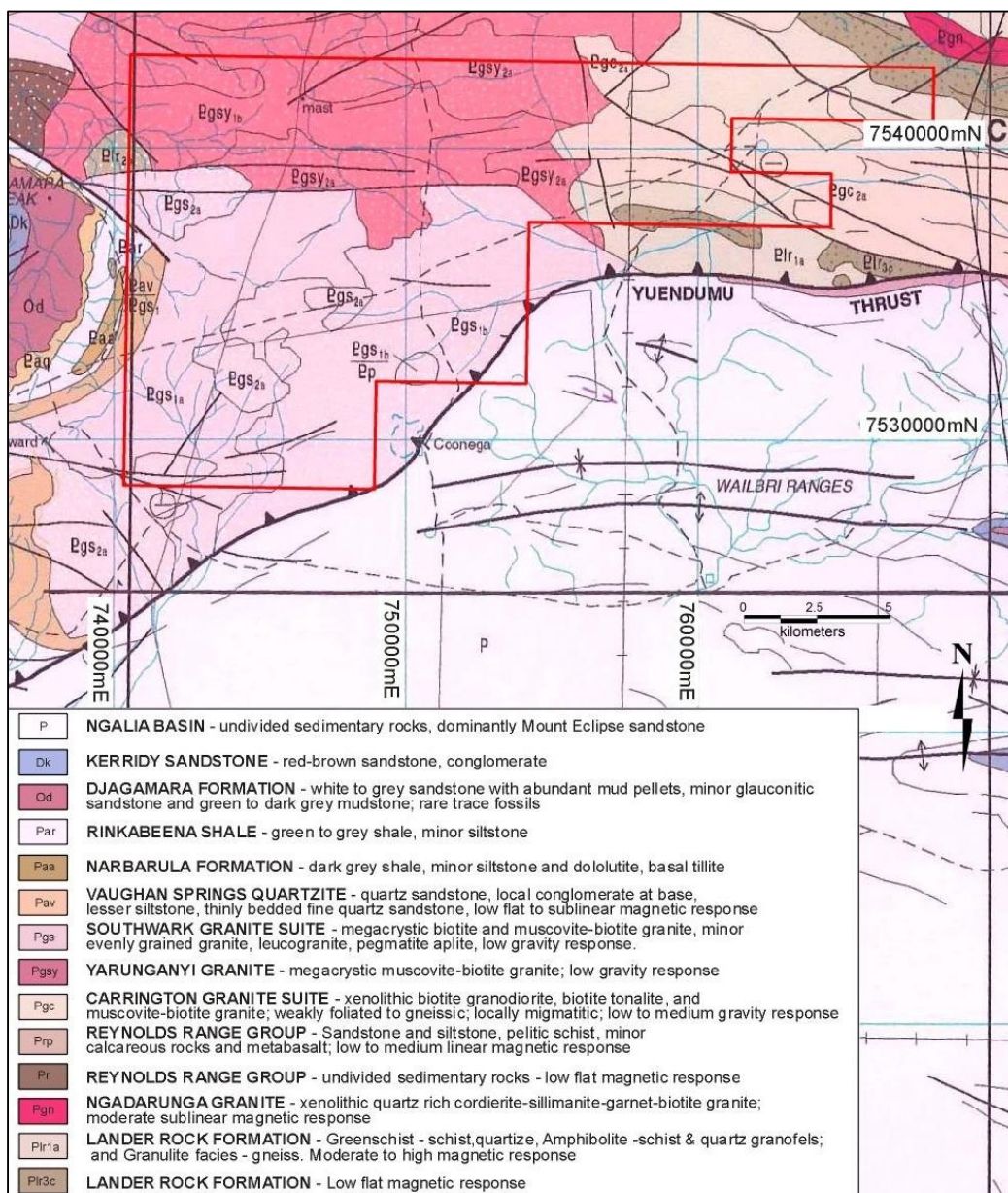


Figure 2. Interpreted geology of EL 24566.

3.2 Mineralisation

The Ngalia Basin was the centre of active uranium exploration during the 1970s and early 1980s, with the focus on roll front uranium mineralisation hosted within the Devonian to Carboniferous aged Mount Eclipse Sandstone as well as for carnotite mineralisation hosted within recent surficial and near surface calcrete horizons. A number of significant uranium occurrences are located within the basin including the modified roll front style Bigryli Uranium deposit covering a strike length of 12 km containing an indicated resource of 4,190t U₃O₈ at a 500ppm cut-off. This deposit was identified in 1973 during basin wide exploration undertaken by Central Pacific Minerals NL and is now held by Energy Metals Limited (53%).

EL24566 is considered favourable for uranium exploration due to the numerous known uranium occurrences in the Ngalia Basin region and the regional geological setting. Specifically, “old” basement hosting an intracratonic basin. This geological environment has potential to host various uranium mineralisation styles including vein and fault hosted mineralisation, unconformity style of mineralisation and sandstone “roll front” style of mineralisation.

4. Mineral Exploration Activities

4.1 Drilling

In December 2008, UXA completed a drilling program over the Crystal Creek Anomaly A prospect. The program was designed to test for near surface uranium mineralisation and comprised 9 HQ diamond holes for a total of 1014m (Table 1, Figure 5), with 374 half core samples collected at varying intervals for assay. Graphic logs for all holes can be found in Appendix 1.

Hole	Easting	Northing	Azimuth	Dip	Total depth (m)	PFN/Gamma
08CC06	744546	7539712	347°	60°	273	Yes
08CC07	744546	7539712	0°	90°	57	Yes
08CC08	744780	7539870	0°	90°	51	Yes
08CC09	745027	7539756	0°	90°	72	Yes
08SC10	745015	7539503	0°	90°	108	Yes
08SC11	744781	7539322	0°	90°	117	Yes
08SC12	744541	7539144	0°	90°	123	No
08SC13	744286	7538993	0°	90°	117	Yes
08SC14	744042	7538855	0°	90°	96	No

Table 1. 2008 drilling program details (GDA94, Zone 52).

All samples (Appendix 2) were assayed for Ag, As, Au, Ba, Co, Cu, Mn, Mo, Nb, Ni, Pb, Rb, Sn, Sr, Th, U, V, W, Y, Zn and Zr. Eighteen samples were selected and assayed for major oxides (Al_2O_3 , CaO , Fe_2O_3 , K_2O , LOI , MgO , MnO , Na_2O , P_2O_5 , SiO_2 , TiO_2), while ten samples were assayed for Rare Earth Elements (La, Ce, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Yb, Lu) and F.

The main lithology encountered during drilling was megacrystic granite, which comprised large K-feldspar megacrysts, smaller plagioclase phenocrysts, quartz, biotite, chlorite and clay minerals. Rapakivi texture was also noted at various locations throughout the granite, with purple fluorite veins and rare fine grained pyrite occurring sporadically throughout the unaltered samples.

The drilling confirmed a vertical weathering/alteration profile within the granites. The top of the sequence was marked by almost complete kaolinisation of the granite, leaving only relict quartz crystals in a white to brown clay matrix with poor textural preservation (Figure 3a). This level of alteration persisted to an average depth of ~32m below surface. Below this was a moderately altered zone, in which K-feldspar was usually preserved but plagioclase was completely altered to clay (Figure 3b). Biotite was commonly altered to chlorite and textural preservation was moderate to poor. This moderate type of alteration persisted to an average depth of ~67m below surface. Largely unaltered “fresh” megacrystic granite was present below the moderately altered zone (Figure 3c).



Figure 3. Weathering/alteration profile documented from 2008 drilling;
(a) Heavily kaolinised, (b) moderately altered and (c) “fresh” granites.

The granite is overlain in several holes (08SC10, 08SC11, 08SC12, 08SC13 & 08SC14) by approximately 10m of a hard, quartz/clay rich unit which possibly represents the Vaughan Springs Quartzite. This in turn is usually capped by a thin (~1m) layer of hard, grey silcrete. The silcrete/quartzite sequence forms a mesa ~8 to 10m high above the surrounding flats, which are dominated by heavily kaolinised granite.

Uranium assay results were disappointing, with the best result being 1m @ 176ppm U (08CC07, 30-31m) from an alteration halo around a highly altered dolerite dyke. Concentrations of trace elements from the heavily and moderately altered zones were normalised against average values derived from the fresh granite samples to determine the level of element mobility throughout the weathering profile. Results varied for different elements (Table 2), with thorium remaining essentially immobile while uranium displayed only slight enrichment in the heavily altered zone (Figure 4).

The lack of uranium accumulation in the upper heavily kaolinised zones is reflected by the typically low response in the U²/Th radiometrics for the Anomaly A region (see Figure 5).

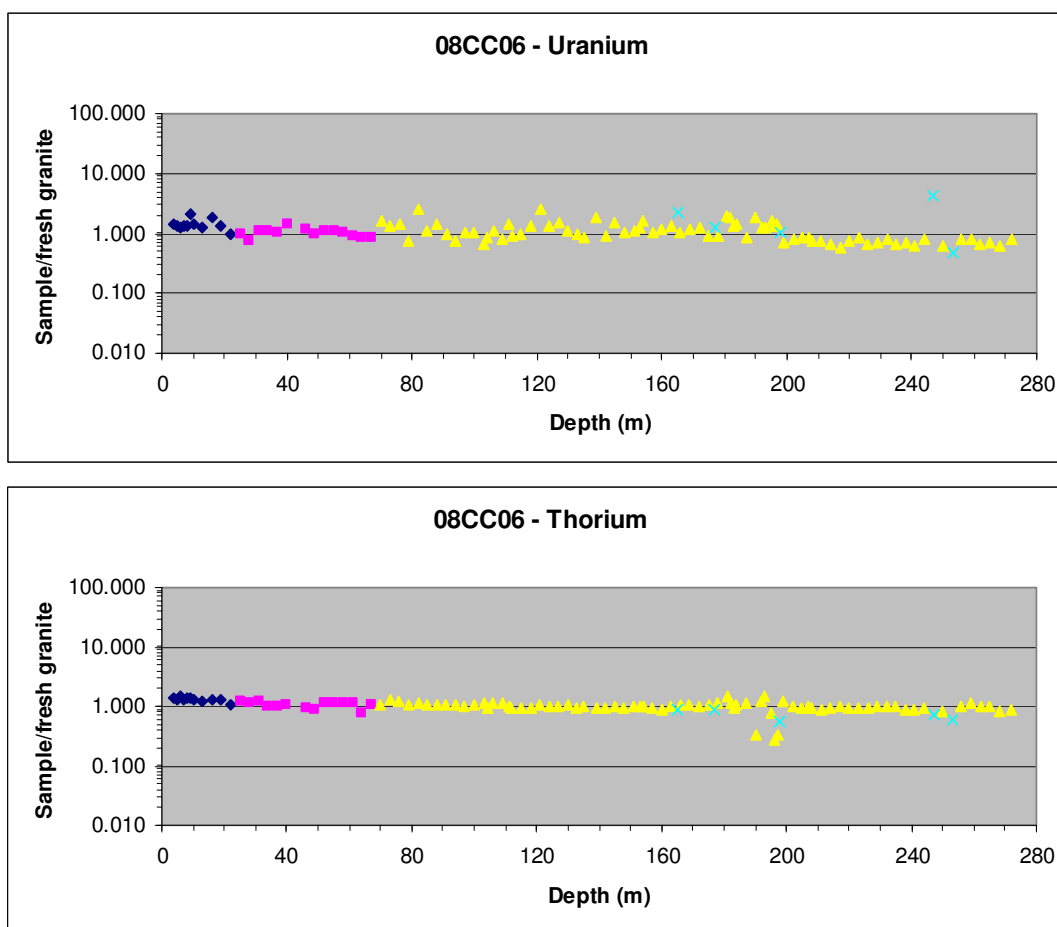


Figure 4. U and Th concentrations for heavily altered (blue), moderately altered (purple) and “fresh” granites (yellow) from drill hole 08CC06. Element concentrations have been normalised using average values from “fresh” granites to illustrate element mobility.

Element	Mod. Altered granite	Heavily altered granite
Co	Moderate depletion	Heavy depletion
Cu	Slight depletion	Slight enrichment
Mn	Moderate depletion	Heavy depletion
Ni	Slight depletion	Slight depletion
Th	No significant change	No significant change
U	No significant change	Slight enrichment
V	Slight depletion	Slight enrichment
Zn	Slight depletion	Mod - heavy depletion

Table 2. Element mobility trends through weathering/alteration profile of drill hole 08CC06.

Downhole logging of 7 drill holes (Table 1, Appendix 1) was carried out using a PFN and Gamma tool. Due to the low concentrations of uranium encountered during drilling (average 15ppm U & 58ppm Th from assays), the PFN tool was working below its detection limit and therefore the resulting data was not considered to be relevant. The Gamma tool data however typically corresponded well to observed geology, assay results and hand held scintillometer readings and was considered to be the most useful down-hole method for such low uranium concentrations.

4.2 Field mapping & sampling

Several field mapping trips were conducted to EL 24566 during the reporting period. The aim of the field mapping was to better define the surface geology and structural characteristics and also to map out any changes in the granites (textural, compositional, chemical, structural etc). During the current reporting period, a total of 38 rock chip samples have been submitted for comprehensive geochemical assay (Figure 5, Table 3, Appendix 3).

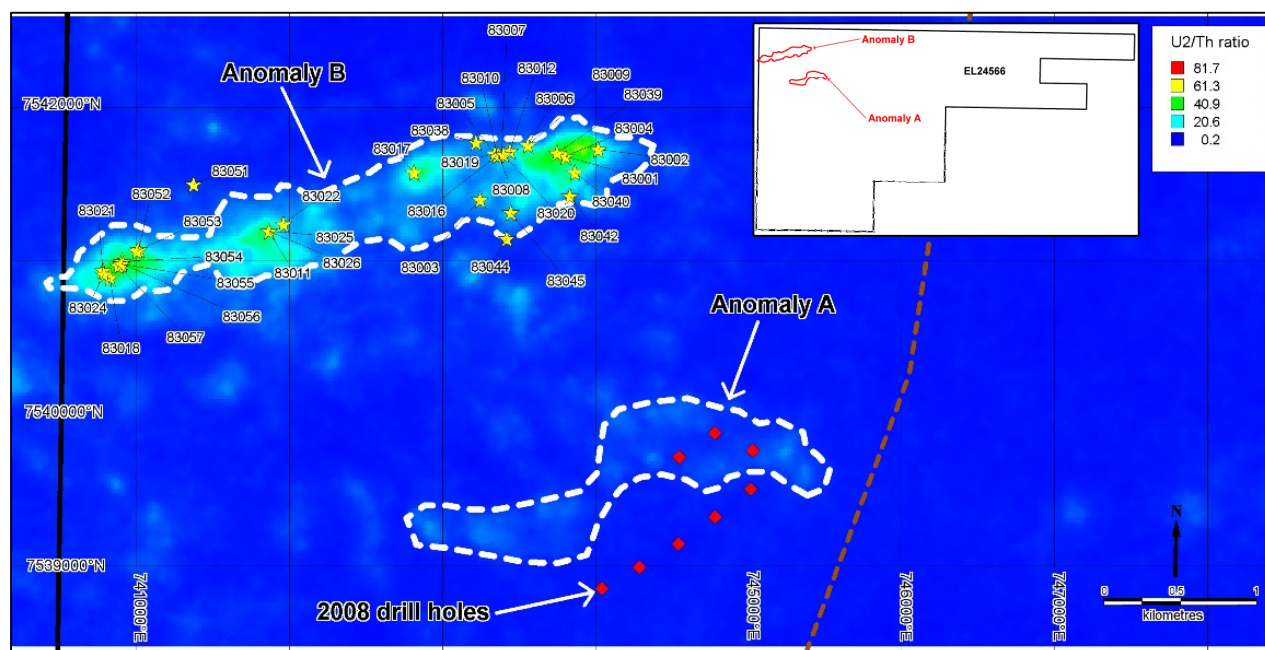


Figure 5. Sample locations around the Anomaly B region.

Geological mapping across the western half of the tenement suggests that the Southwark Granites within EL 24566 contain a number of compositional and textural variations including:

- Quartz-feldspar porphyry. Fine grained groundmass containing sporadic, often rounded quartz phenocrysts (up to 1cm diameter) and large, sporadic feldspar phenocrysts/megacrysts in a groundmass comprising mostly quartz, feldspar & mica. Field evidence suggests that varying degrees of greisenisation may have occurred, particularly in the Anomaly B region. Mirolitic texture is common in this rock type (Figure 6a).

- Megacrystic granite. Large K-spar megacrysts (up to 12cm diameter), plagioclase phenocrysts, quartz, biotite, chlorite. Rapakivi texture may be present also (Figure 6b).
- Coarse, equigranular granite. Typically lacks megacrysts, with a relatively uniform coarse (2-5cm) grainsize. Can tend to be more friable, with mineralogy similar to megacrystic type (Figure 6c).
- Late stage felsic dykes. Typically fine grained, occur as dykes within megacrystic granites (Figure 6d).

Sample ID	Easting	Northing	Description	Scintillometer (cps)	U (ppm)	Th (ppm)
83001	743801	7541681	Qtz-fsp porphyry	1100	80	15
83002	744018	7541726	Qtz-fsp porphyry	700	75	15
83003	743244	7541397	Porphyry w/ miaolitic texture	700	60	25
83004	743801	7541681	Qtz-fsp porphyry	1100	50	15
83005	743340	7541697	Ironstone	1200	90	20
83006	743558	7541753	Ironstone	10000	4000	20
83007	743441	7541716	Ironstone	1200	215	15
83008	743368	7541692	Ironstone	800	55	15
83009	743558	7541753	Ironstone	10000	3600	15
83010	743356	7541685	Ironstone	2300	145	15
83011	741864	7541191	Ironstone	2000	700	15
83012	743441	7541716	Ironstone	1200	115	25
83013	741733	7536201	Fe-rich crust on weathered granite	700	30	55
83014	747644	7543025	Megacrystic granite	600	15	65
83015	747645	7543026	Late stage felsic dyke	800	20	150
83016	743356	7541685	Ironstone	2300	130	20
83017	742814	7541575	Porphyry	800	45	15
83018	740827	7540888	Vughy weathered granite	500	25	20
83019	743340	7541697	Ironstone	1200	110	20
83020	743397	7541695	Unmineralised ironstone	200	25	20
83021	740781	7540934	Ironstone	1700	130	5
83022	741959	7541237	Ironstone	1200	105	15
83024	740785	7540909	Vughy weathered granite, fine grained	1200	50	25
83025	741864	7541191	Ironstone	2000	550	15
83026	741864	7541191	Ironstone	2000	600	5
83038	743217	7541772	Qtz-fsp porphyry	850	40	25
83039	743749	7541702	Qtz-fsp porphyry	1200	55	20
83040	743864	7541575	Qtz-fsp porphyry	600	40	15
83042	743833	7541423	Coarse equigranular granite	490	35	25
83044	743418	7541143	Dolerite?	420	20	20
83045	743447	7541314	Late stage felsic dyke	2300	430	55
83051	741374	7541499	Qtz-fsp porphyry	400	20	55
83052	741013	7541072	Coarse equigranular granite	490	50	20
83053	741004	7541061	Ironstone	650	125	15
83054	740904	7540992	Qtz-fsp porphyry	480	20	25
83055	740900	7540977	Ironstone	1120	100	20
83056	740902	7540979	Qtz-fsp porphyry	670	60	25
83057	740880	7540966	Qtz-fsp porphyry	710	30	25

Table 3. Details of field samples assayed during the reporting period.

The Anomaly B region comprises predominantly miarolitic, fine grained quartz-feldspar porphyry and coarse, equigranular granite rock types (Figure 6). The porphyritic rocks tend to provide the highest scintillometer readings, with areas of greisenisation also apparent in the region. Conjugate shear sets trending $\sim 250^\circ$ and 290° are evident in outcrop throughout the area.

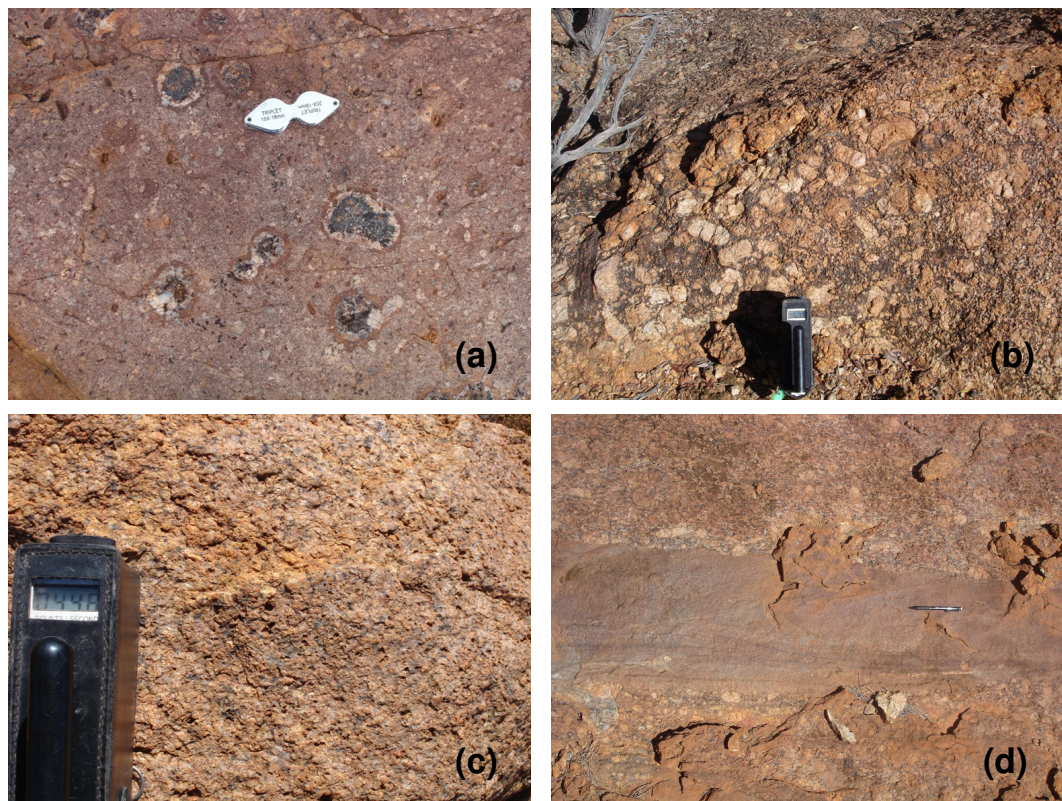


Figure 6. Textural variations within granites from EL 24566 including; (a) Fine grained quartz-feldspar porphyry with miarolitic texture, (b) megacrystic granite, (c) coarse equigranular granite and (d) fine grained felsic dyke.

Granites that display a wide textural variation are interpreted as being emplaced at shallow levels in the crust, with porphyritic textures commonly reported in ore associated granites (Candela, 1997). The miarolitic cavities, which are relatively common throughout Anomaly B within the fine grained porphyry, also suggest that the magma in this region was saturated with respect to volatile phases.

Moving north and south of Anomaly B, the rock type becomes predominantly megacrystic granite (variably kaolinised), with sporadic occurrences of the porphyry and equigranular granite rock types. Several occurrences of fine grained felsic dykes (late stage) have been documented to date within the megacrystic granites peripheral to the Anomaly B region. These dykes commonly have a distinctively high scintillometer reading compared to the encompassing megacrystic granites, with assays reporting elevated levels of either uranium or thorium (eg samples 83015 & 83045).

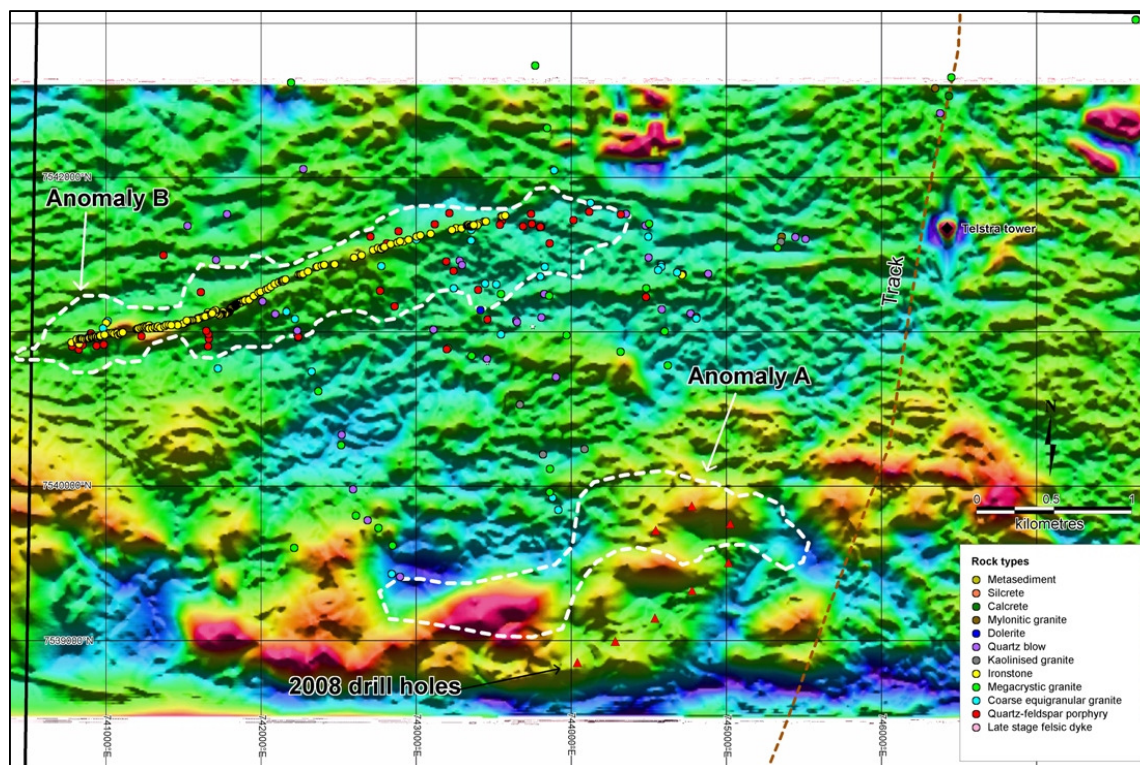


Figure 7. Mapping points and documented rock types in the Crystal Creek region. Background is RTP-HVD detailed magnetics from the 2009 survey.

A heavily weathered/altered subcropping rock, suspected to be a dolerite, was also documented in the Anomaly B region (sample 83044). A mafic origin for this rock is supported by assay results, which indicate the rock contains elevated levels of Cr, Ni, Cu, V and Zn, with an MgO of 3.1 wt%. This occurrence is coincident with a significant ~east-west trending structure immediately south of Anomaly B (Figure 7), and could indicate that this structure is indeed a dolerite dyke largely concealed by cover. Dolerite dykes reported within the MOUNT DOREEN 1:250,000 map sheet are thought to be Neoproterozoic in age (around 1060 Ma, Young et al, 1995) and therefore postdate the Southwark Granite Suite.

The ironstone lode mapped within Anomaly B is approximately 3km in strike length and comprises massive ironstone/quartz outcrop/subcrop, with an average width of ~2m along strike. It is hosted predominantly by the quartz-feldspar porphyry rock type and has a strike trending ~250°. Concentrations of Fe₂O₃ (hematite) from the ironstone samples vary from 6.8 to 38.9 wt%, with elevated levels of Co, Cr, Ni, TiO₂, U, V and Zn also reported (Appendix 3). The best uranium results included 4000ppm and 3600ppm from samples 83006 and 83009 respectively, although uranium results tend to be patchy along strike.

QEMSCAN analysis was carried out on ironstone samples 83006 and 83009 to help determine the uranium phase present (Appendix 4). Results of this work suggested that up to 5% of uranium was hosted by Ti-Fe oxides, while up to 30% of uranium could be hosted by REE phases (such as Xenotime, Monazite etc) which were considered to be relatively abundant.

Subsequent further assays revealed that even though the ironstones do contain elevated REE element levels (relative to the felsic rocks throughout EL 24566), the overall concentrations of the REE's are too low to be considered economically relevant (Table 4). Due to the presence of complex mineral textures and intergrowths, the results of the QEMSCAN work were considered largely inconclusive. At the time of reporting, samples 83006 and 83009 had been submitted to the University of Adelaide for detailed SEM/microprobe analysis. Results are pending.

<u>Sample no</u>	<u>Lithology</u>	<u>Scinto (cps)</u>	<u>U (ppm)</u>	<u>Total REO's (wt%)</u>	<u>Total REO's incl. Y (wt%)</u>
83005	Ironstone	1200	90	0.05%	0.06%
83006	Ironstone	10000	4000	0.09%	0.11%
83007	Ironstone	1200	215	0.04%	0.04%
83008	Ironstone	800	55	0.07%	0.07%
83009	Ironstone	10000	3600	0.09%	0.12%
83010	Ironstone	2300	145	0.08%	0.08%
83011	Ironstone	2000	700	0.05%	0.06%
83012	Ironstone	1200	115	0.13%	0.14%
83016	Ironstone	2300	130	0.08%	0.09%
83019	Ironstone	1200	110	0.08%	0.09%
83020	Ironstone	200	25	0.09%	0.10%
83021	Ironstone	1700	130	0.02%	0.04%
83022	Ironstone	1200	105	0.07%	0.08%
83025	Ironstone	2000	550	0.06%	0.06%
83026	Ironstone	2000	600	0.03%	0.04%
83053	Ironstone	650	125	0.03%	0.04%
83055	Ironstone	1120	100	0.09%	0.10%

Table 4. Rare Earth Element concentrations from ironstone samples calculated as total Rare Earth Oxides (REO).

4.3 Soil geochemical survey

A soil sampling survey was conducted over the Anomaly B region during September 2009. The survey comprised 20 lines at 200m spacings, with samples taken every 20 metres for a total of 599 samples. At each sample point, the top 3cm of material was cleared and approximately 1.5kg of soil taken, with the coarse fraction removed from the final sample by sieve. The samples were then analysed for a suite of elements via ICP-OES and ICP-MS including Cr, Cu, Ni, P, S, Ti, V, As, Ce, Co, La, Nb, Pb, Sm, Sb, Sn, Ta, Th, U, Y, Zn and Zr (Appendix 5).

Results from this survey indicate that the ironstone lode can be mapped out successfully using elevated Co, Cr & Ni readings (and to a lesser extent Ti & V, Figure 8). This is supported by rock chip assay results, which show that the ironstone contains elevated levels of these elements with respect to other rock types in the region.

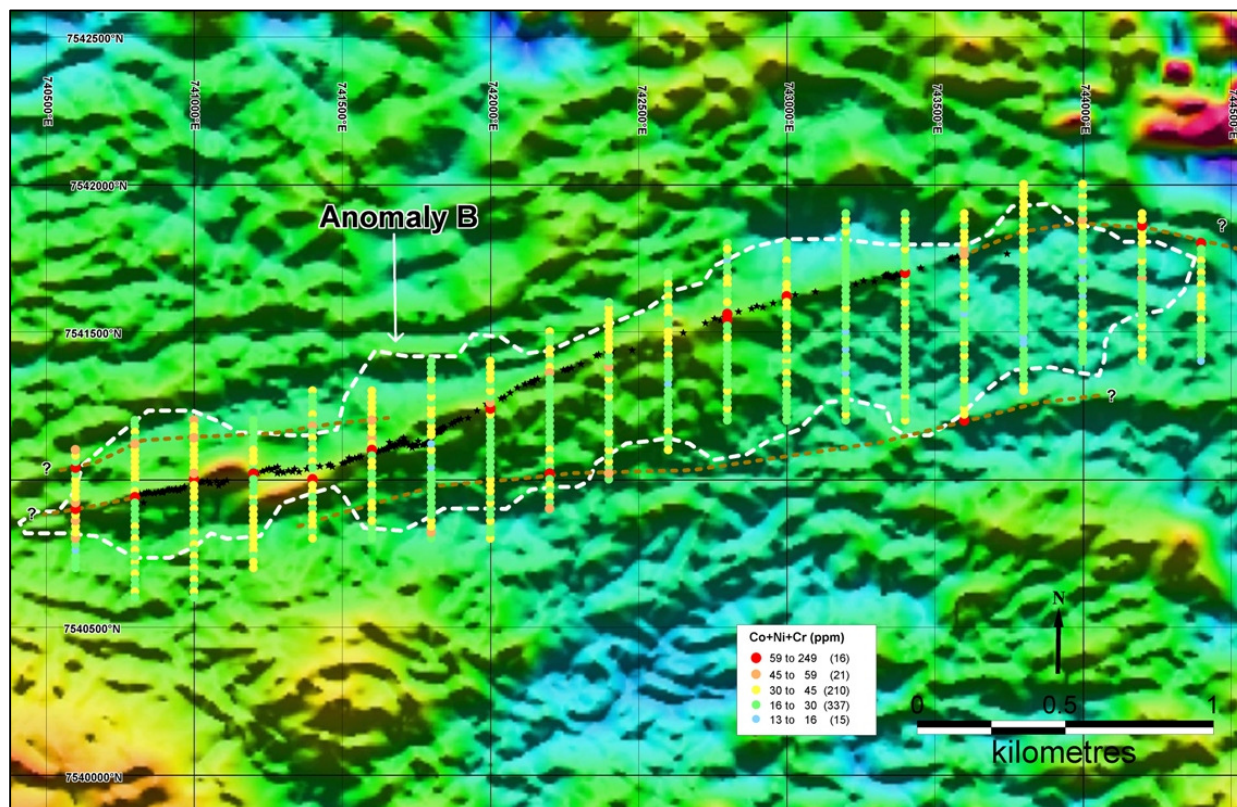


Figure 8. Cr+Co+Ni plot over magnetics (RTP, HVD) from soil geochemical survey. Black stars indicate position of outcropping ironstone lode, brown dashed lines indicate possible extensions/concealed structures.

The survey results also suggest that tantalum and niobium correlate well with areas of elevated U^2/Th ratio from the detailed radiometrics (Figure 9), suggesting that these elements may be useful pathfinders for the quartz-feldspar porphyry rock type under cover. Both Ta and Nb behave as incompatible, High Field Strength Elements (HFSE) during crustal processes and are considered to be immobile during hydrothermal processes. Therefore the correlation of these elements with the rock types (and U^2/Th radiometrics) at Anomaly B could suggest they are the result of primary igneous processes (i.e. concentrating in late stage melts, accessory minerals, volatile phases) rather than a product of secondary alteration.

The best uranium result was 29ppm U, with a median of 9.5ppm U across the 599 samples. The areas of elevated uranium generally correlate well with the U^2/Th radiometrics, although there is an area of elevated uranium outside the main elevated U^2/Th regions in the northeastern portion of Anomaly B (Figure 10). This area of elevated uranium also corresponds with elevated Sn and Pb results (and to a lesser extent La & Ce). These anomalies could be the result of localised mineralisation or an analytical batch error. Selected samples from the soil survey have been resubmitted to a second laboratory as a QA/QC measure to ensure these anomalies are real, with results pending.

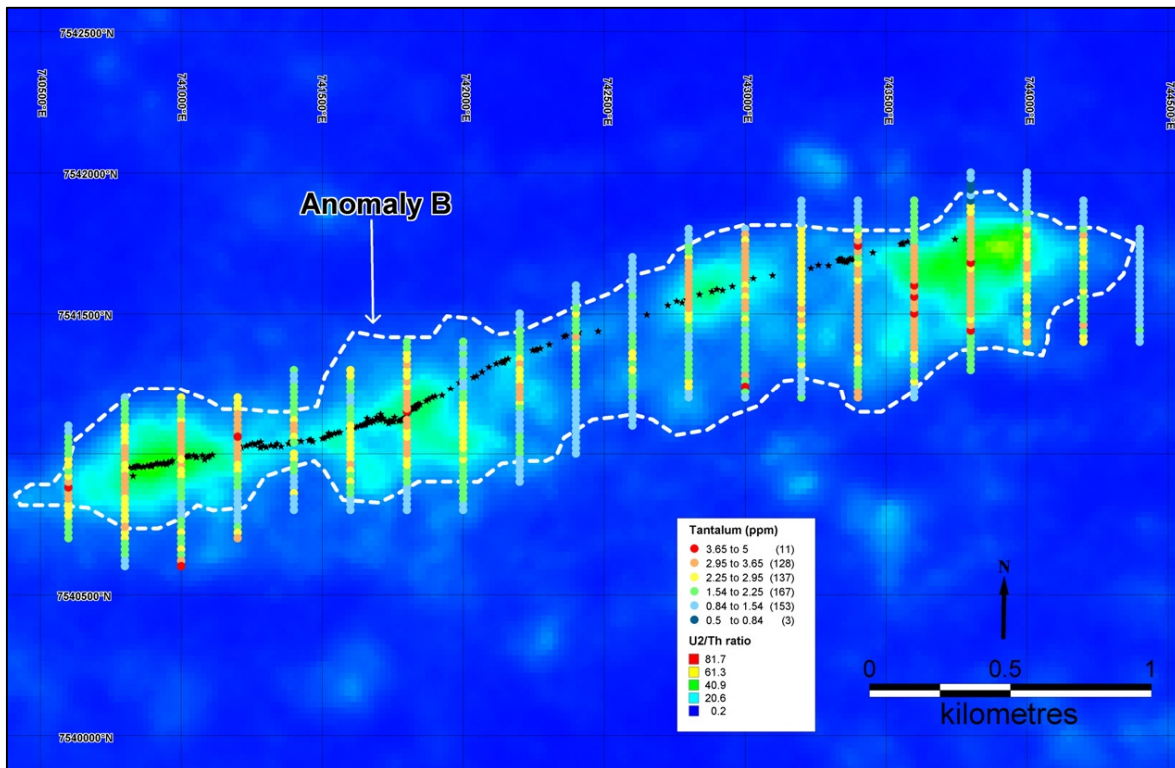


Figure 10. Tantalum soil distribution over detailed U^2/Th radiometrics. Black stars indicate position of outcropping ironstone lode.

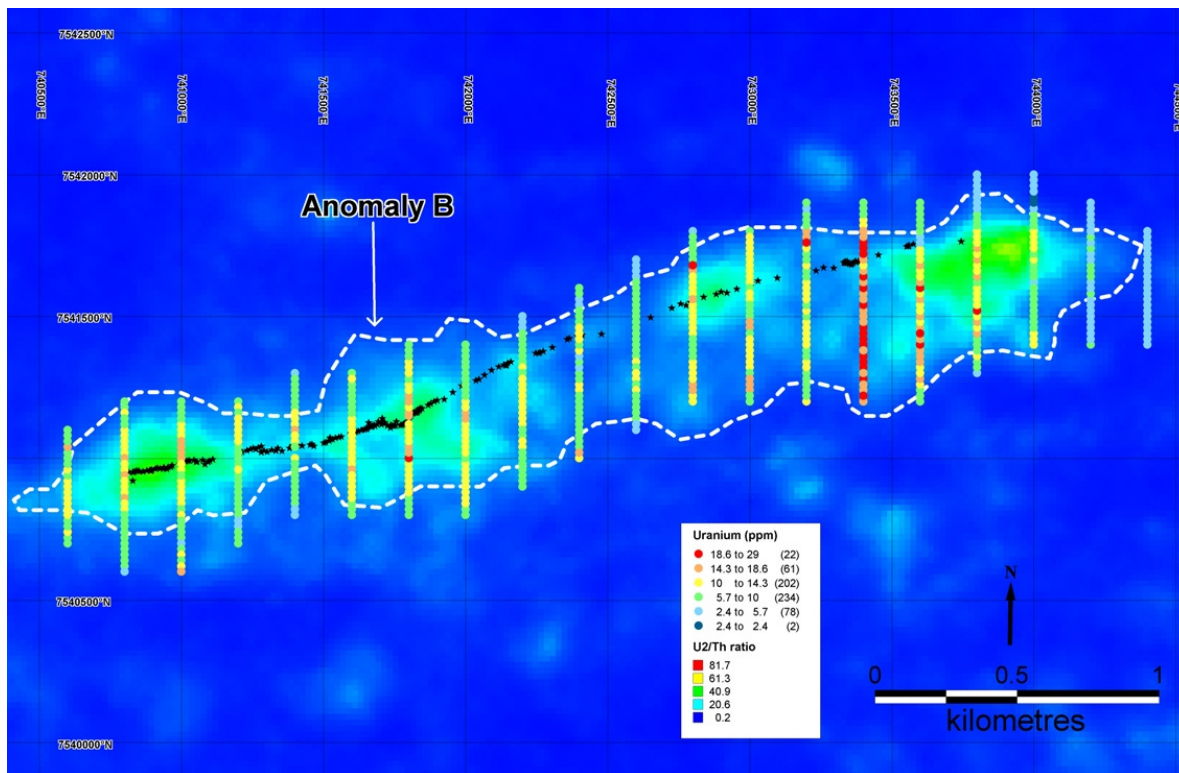


Figure 11. Uranium soil distribution over detailed U^2/Th radiometrics. Black stars indicate position of outcropping ironstone lode.

4.4 Geophysics

In September 2009, UTS Geophysics was commissioned by UXA to perform a high resolution airborne radiometric and magnetic survey over the northwest corner of EL 24566 (Figure 12, Appendix 5). The survey comprised a total of 1,913 line km's at 25m line spacings, with a sensor height of 20m. It was designed to provide high resolution data over the entire Crystal Creek prospect to help identify any further ironstone structures concealed beneath cover.

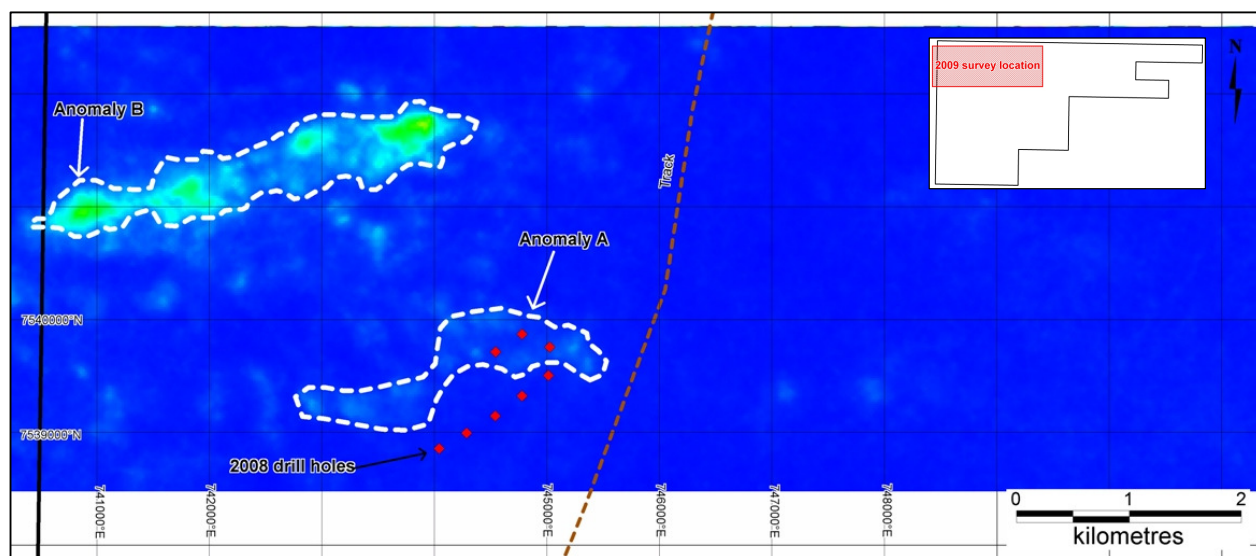


Figure 12. High resolution U²/Th image over the Crystal Creek prospect.

The detailed magnetic data (Figure 13) suggests a possible second ironstone structure (predominantly undercover) trending approximately east-west immediately south of Anomaly B.

Furthermore, two standalone magnetic features (Target 1 & 2) may also be of interest as they appear to sit at junction points of regional conjugate shear sets. These targets may represent further ironstone bodies (albeit richer in magnetite than the oxidised ironstone lode at Anomaly B) and are considered highly prospective for hosting mineralisation.

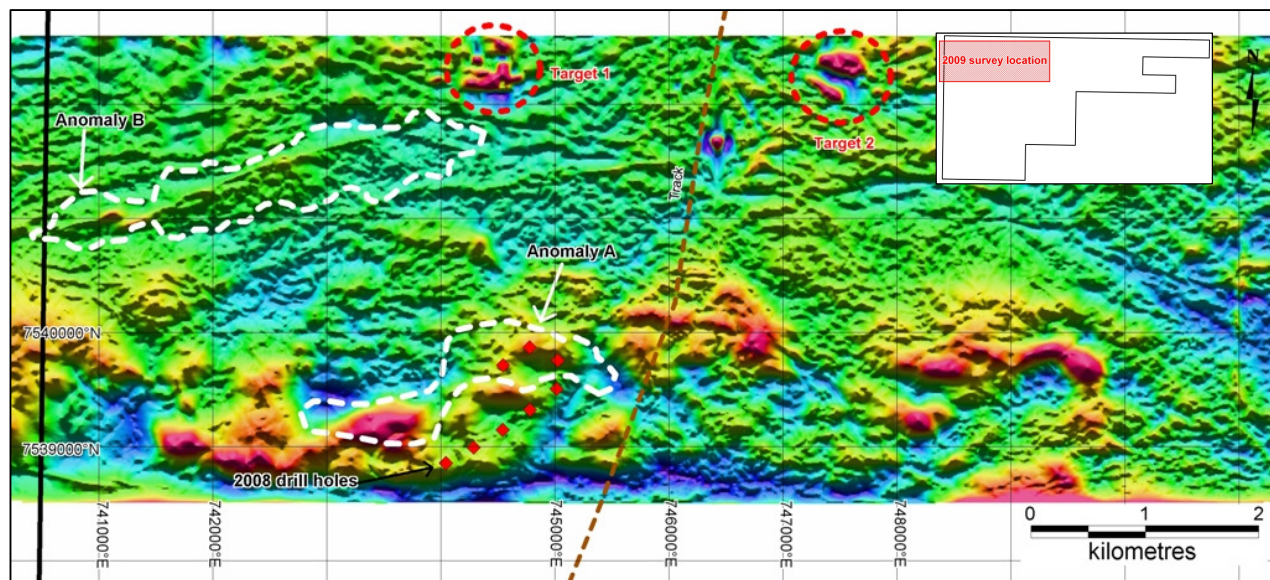


Figure 13. Detailed magnetics over Crystal Creek Prospect. Reduced To Pole (RTP) & Half Vertical Derivative (HVD).

5. Expenditure Statement

Exploration expenditure for the period 21 October 2008 to 20 October 2009 amounted to \$904,161.82. A detailed breakdown of expenditure is given in Appendix 6.

6. Conclusion and Recommendation

At the time of reporting, UXA is in the final stages of preparation for a drilling program, expected to commence mid-November. The program will comprise ~2,500m of RC drilling and will be focused primarily on the uraniferous ironstone lode in the Anomaly B region. There is also scope to test the potential second ironstone structure immediately south of Anomaly B, and also Target 1 further to the north during this program. UXA believes there is excellent potential to discover further mineralisation beneath Cainozoic cover throughout EL 24566.

7. References

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Davies, A. (1999). *Annie Spring EL 9413 third and final report for the year ending 15-05-1999*. Rio Tinto Exploration. NTGS open file Report No. CR1999-0273.

Henstridge, D A. (1976). *Results of follow-up track etch surveys and associated reconnaissance drilling in the Ngalia Basin*. Central Pacific Minerals NL. NTGS open file Report No. CR1976-0016.

Sawyer, L. (2007). EL24566 (Ngalia Thrust) Annual Report for Period 21 October 2005 to 20 October 2006 (unpublished, internal UXA company report).

Young, D.N., Edgoose, C.J., Blake, D.H. & Shaw, R.D. (1995). Mount Doreen SF 52-12 explanatory notes. Northern Territory Geological Survey.

Appendix 1 - Graphic logs from 2008 drilling at Anomaly A

Graphic log legend



Hole ID: 08CC06
Easting: 744546

Tenement: EL 24566 Ngalia Thrust
Northing: 7539712

Datum: WGS84 Z52

Drill hole details:

Includes drill hole name and location coordinates.

Grainsize:

- 1 = Very fine grained.
- 2 = Fine grained.
- 3 = Medium grained.
- 4 = Coarse grained.
- 5 = Very coarse grained.

PFN tool:

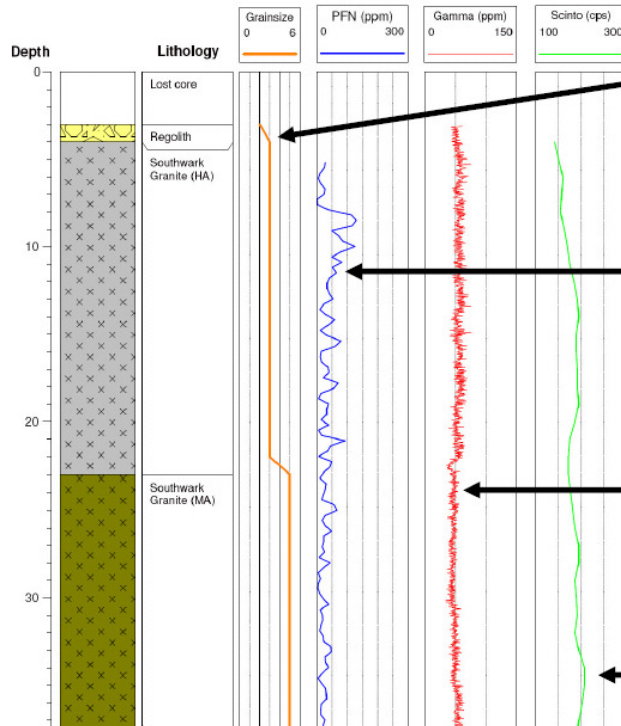
Prompt Fission Neutron tool, down-hole logging. Values are direct measurement of U_3O_8 (ppm).

Gamma tool:

Downhole gamma logging tool, measures gamma radiation. Scale represents parts per million (ppm)..

Scinto:

Hand-held Scintillometer passed over drill core. Measures gamma radiation in Counts Per Second (cps).



Rock types:

Regolith = Surface soil/gravel horizon.
Silcrete = Sand ± conglomerate cemented by secondary silica.
Vaughan Springs Quartzite = Quartz-rich sediment unconformably overlying granite.
Southwark Granite (HA) = Heavily clay altered granite. No primary textures preserved.
Southwark Granite (MA) = Moderately clay altered, some primary textures preserved.
Southwark Granite (F) = Fresh, mostly unaltered granite. Excellent textural preservation.
Southwark Granite (PA) = Potassic? Alteration zones, usually associated with quartz veins.
Southwark Granite (D) = Late stage aplite dyke within megacrystic granite.



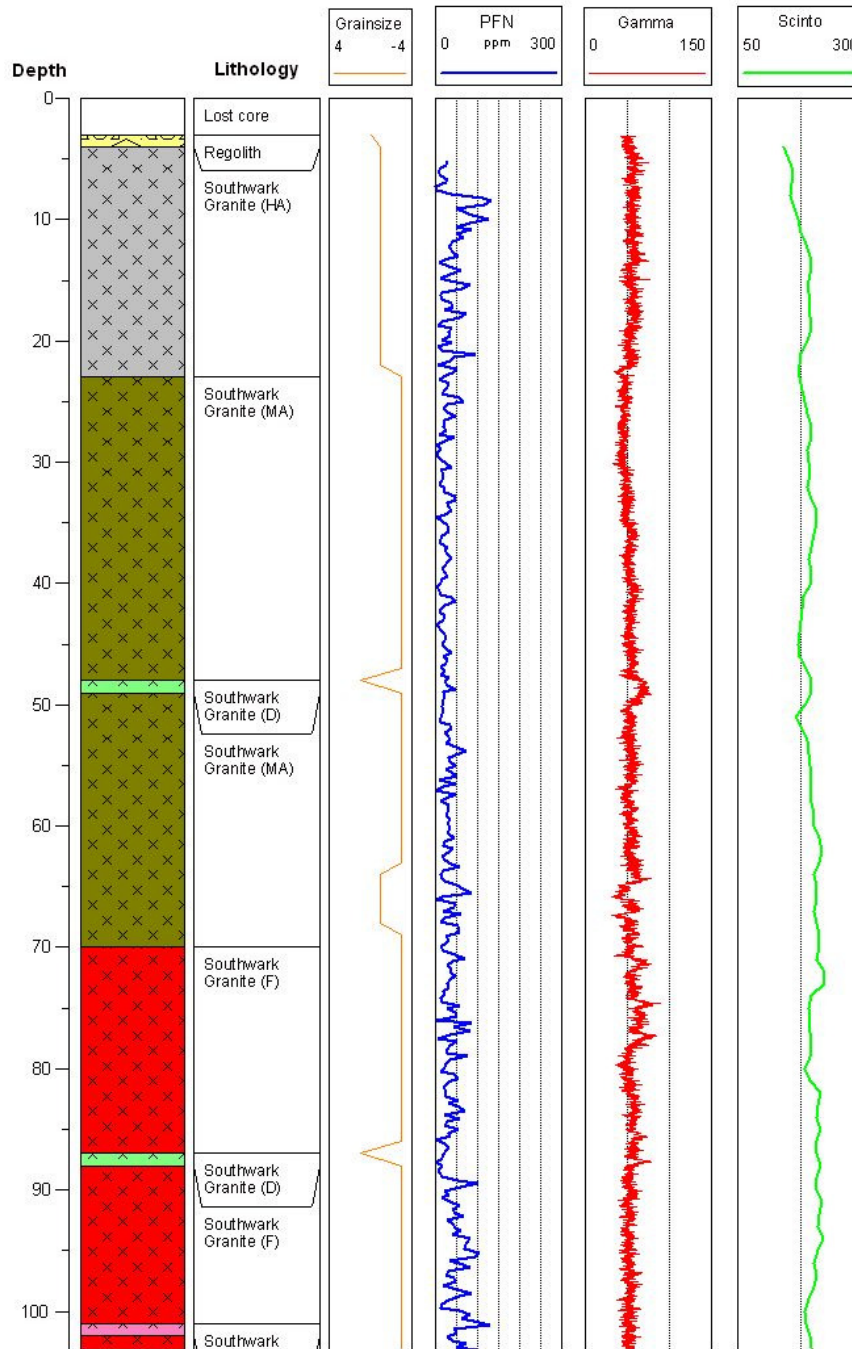
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Tenement: EL 24566 Ngalia Thrust

Easting: 744546

Northing: 7539712

Datum: WGS84 Z52

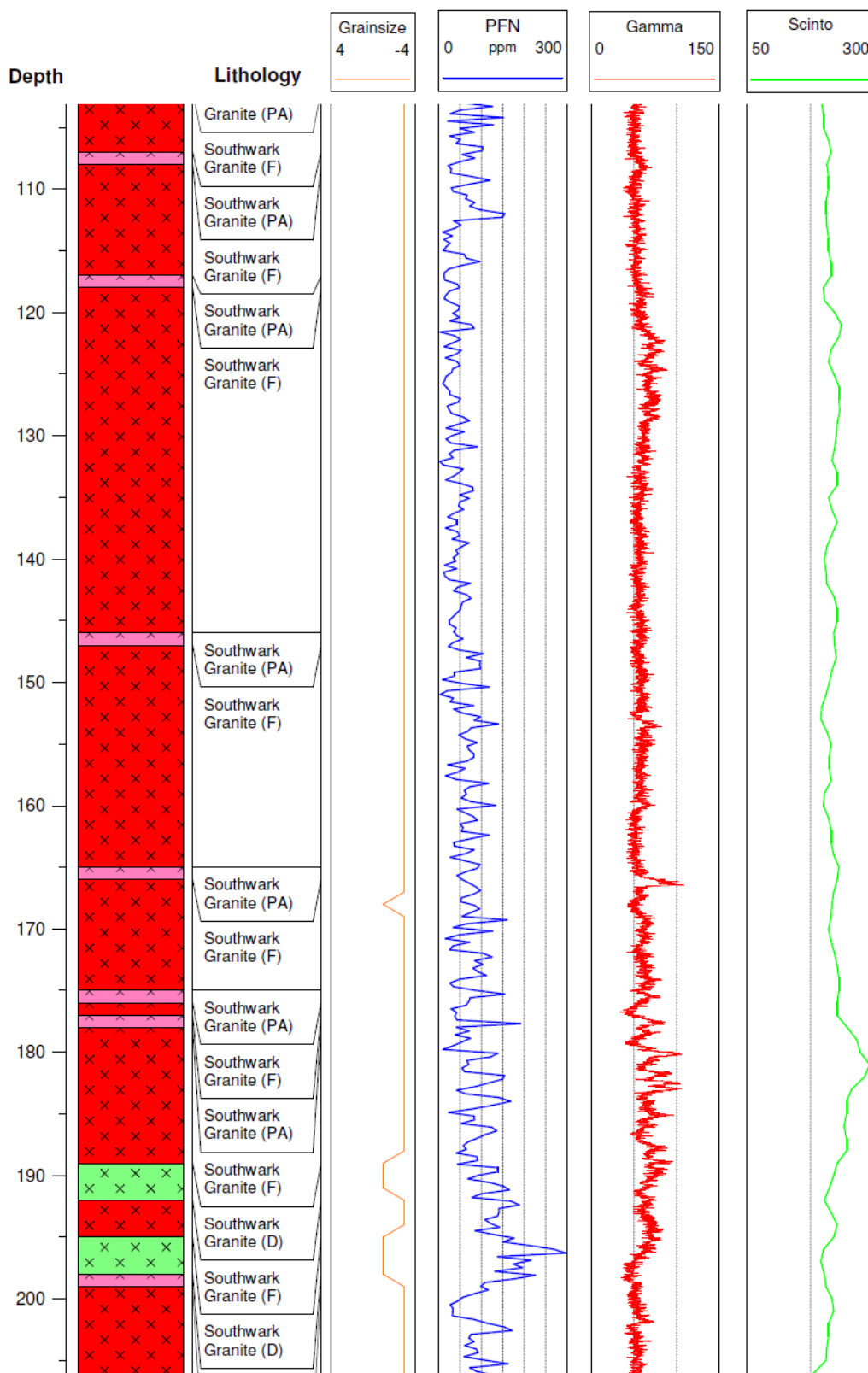


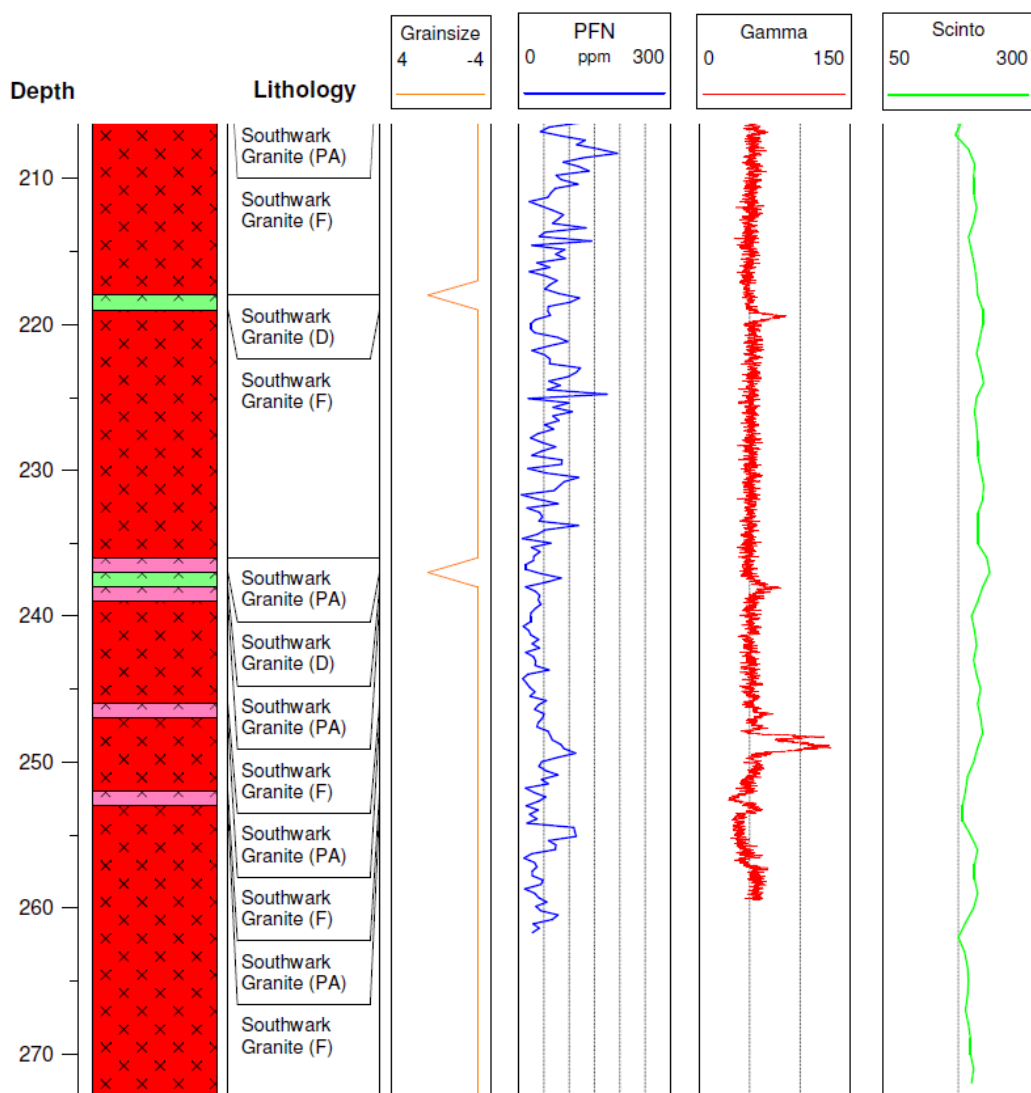
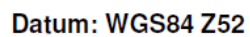


Hole ID: 08CC06
Easting: 744546

Tenement: EL 24566 Ngalia Thrust
Northing: 7539712

Datum: WGS84 Z52



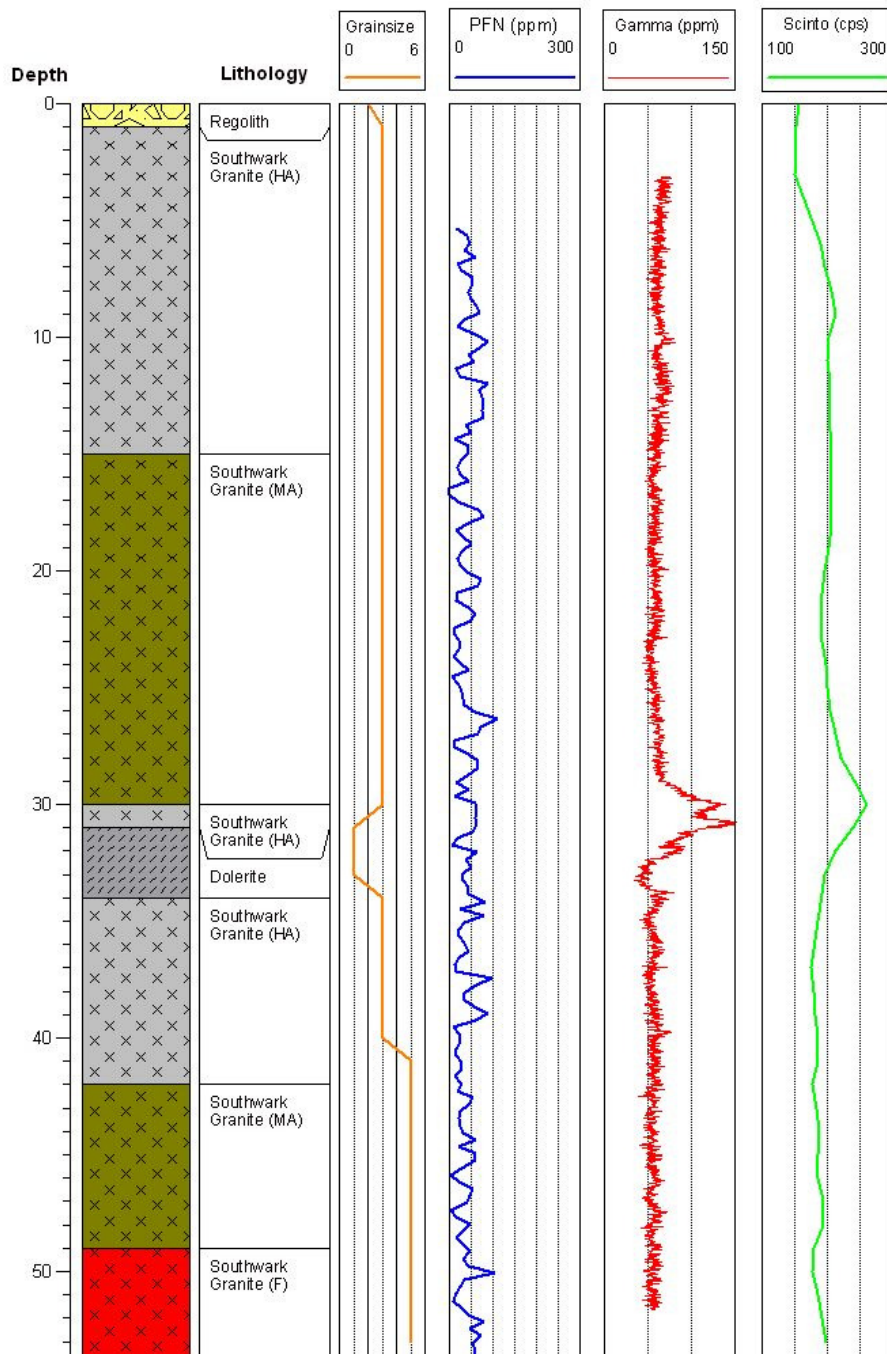




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Easting: 744546

Tenement: EL 24566 Ngalia Thrust
Northing: 7539712

Datum: WGS84 Z52





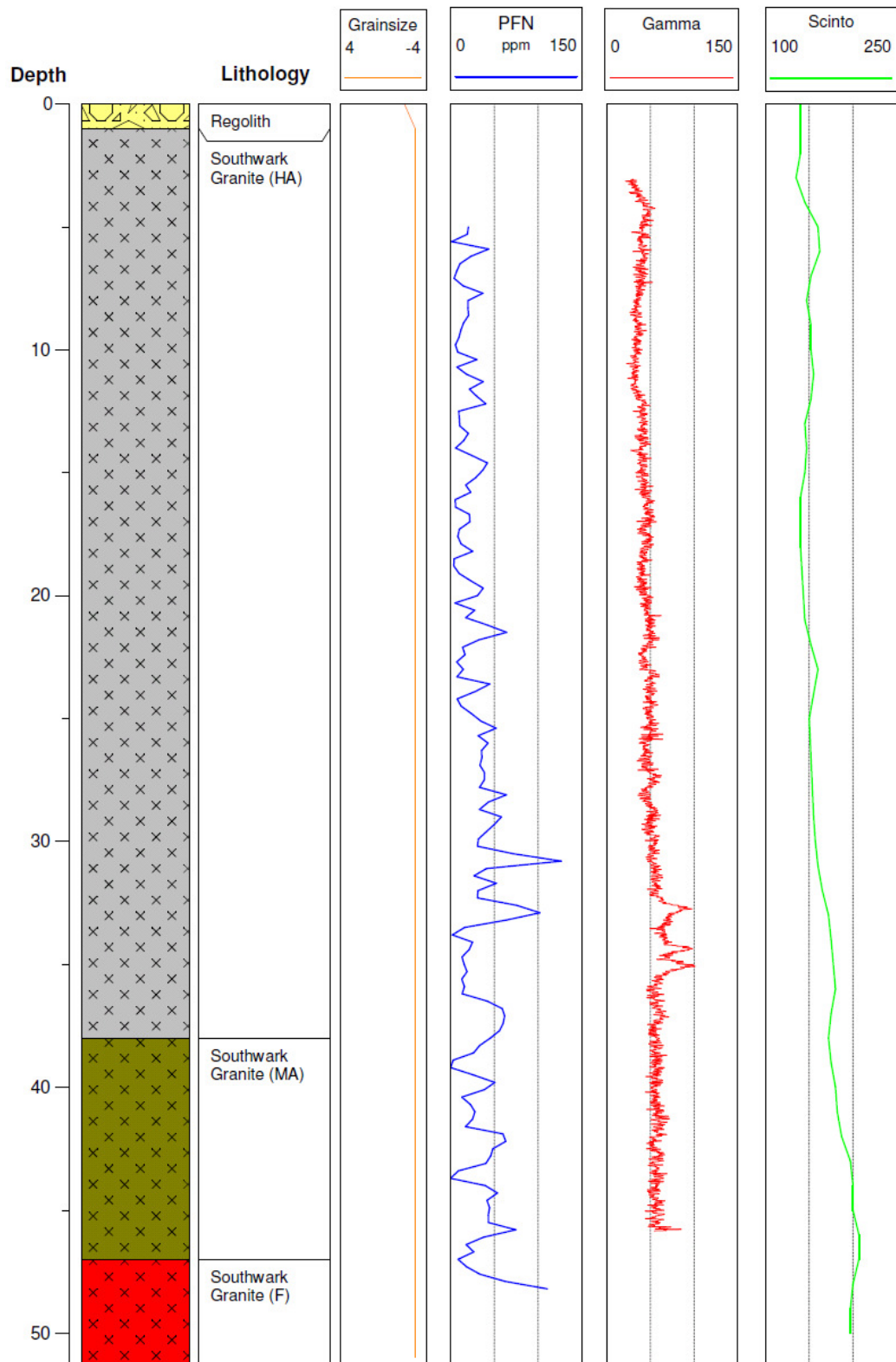
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Easting: 744780

Tenement: EL 24566 Ngalia Thrust

Northing: 7539870

Datum: WGS84 Z52





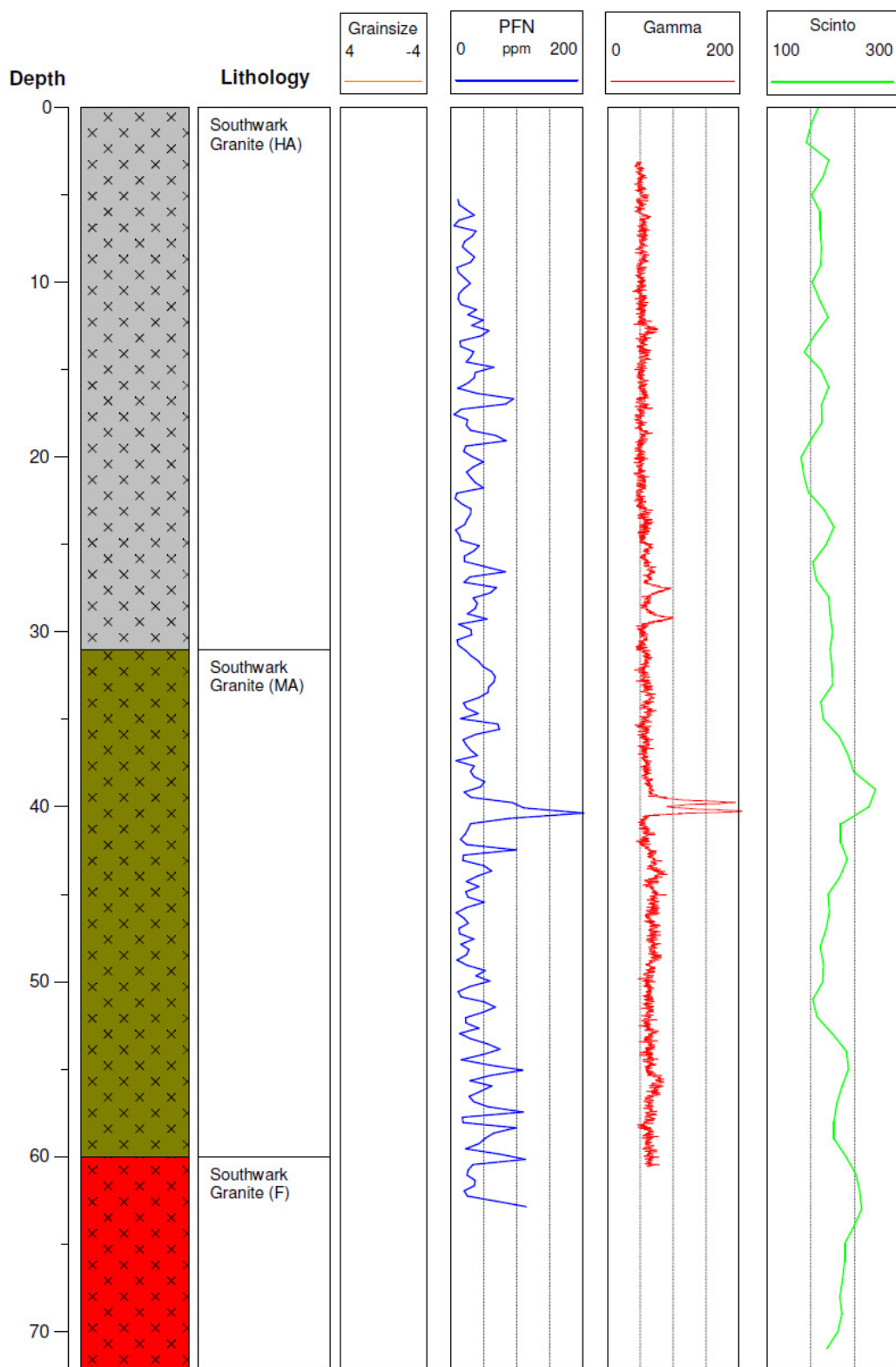
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Easting: 745027

Tenement: EL 24566 Ngalia Thrust

Northing: 7539756

Datum: WGS84 Z52





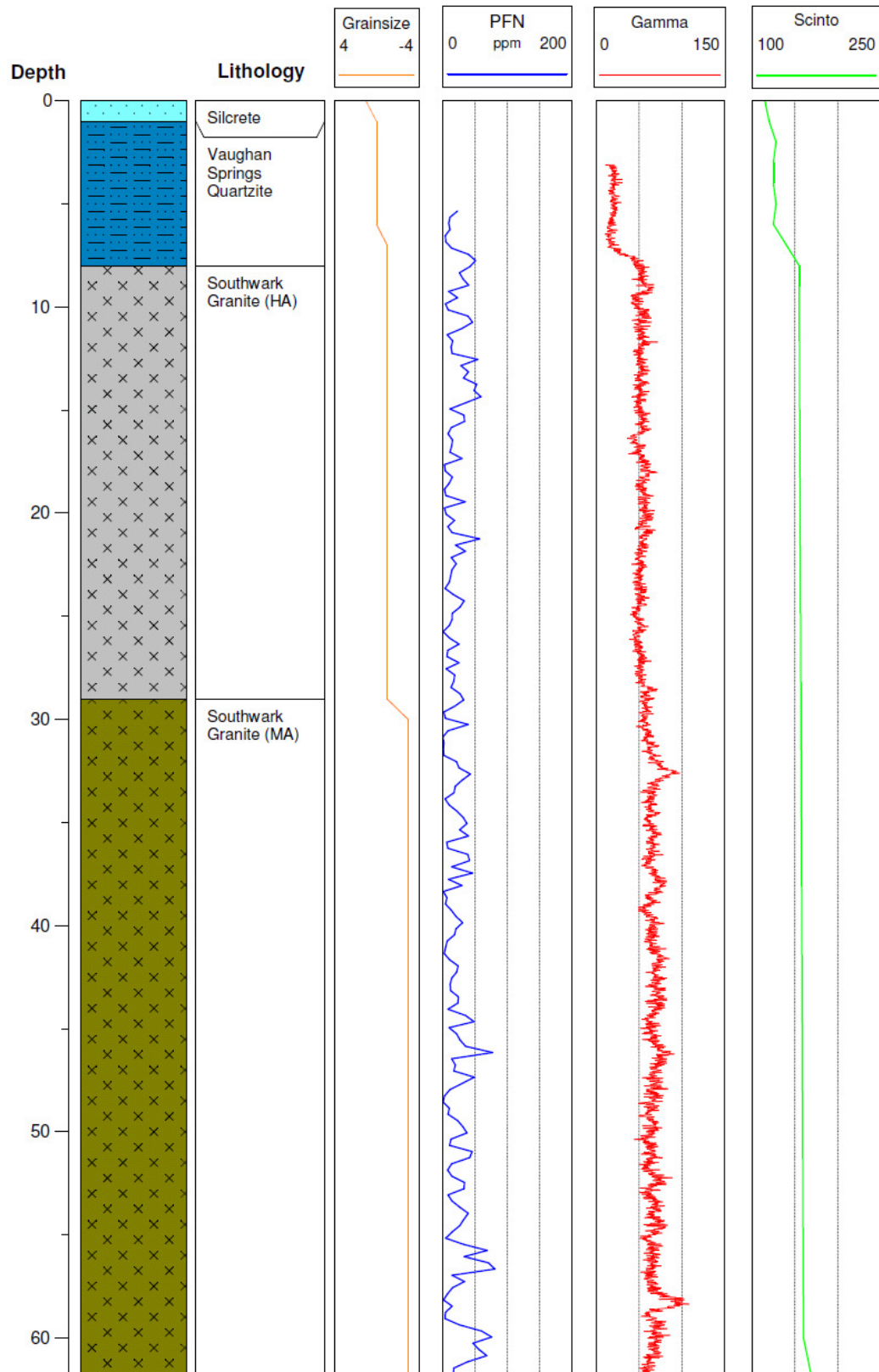
Hole ID: 08SC10

Easting: 745015

Tenement: EL 24566 Ngalia Thrust

Northing: 7539503

Datum: WGS84 Z52





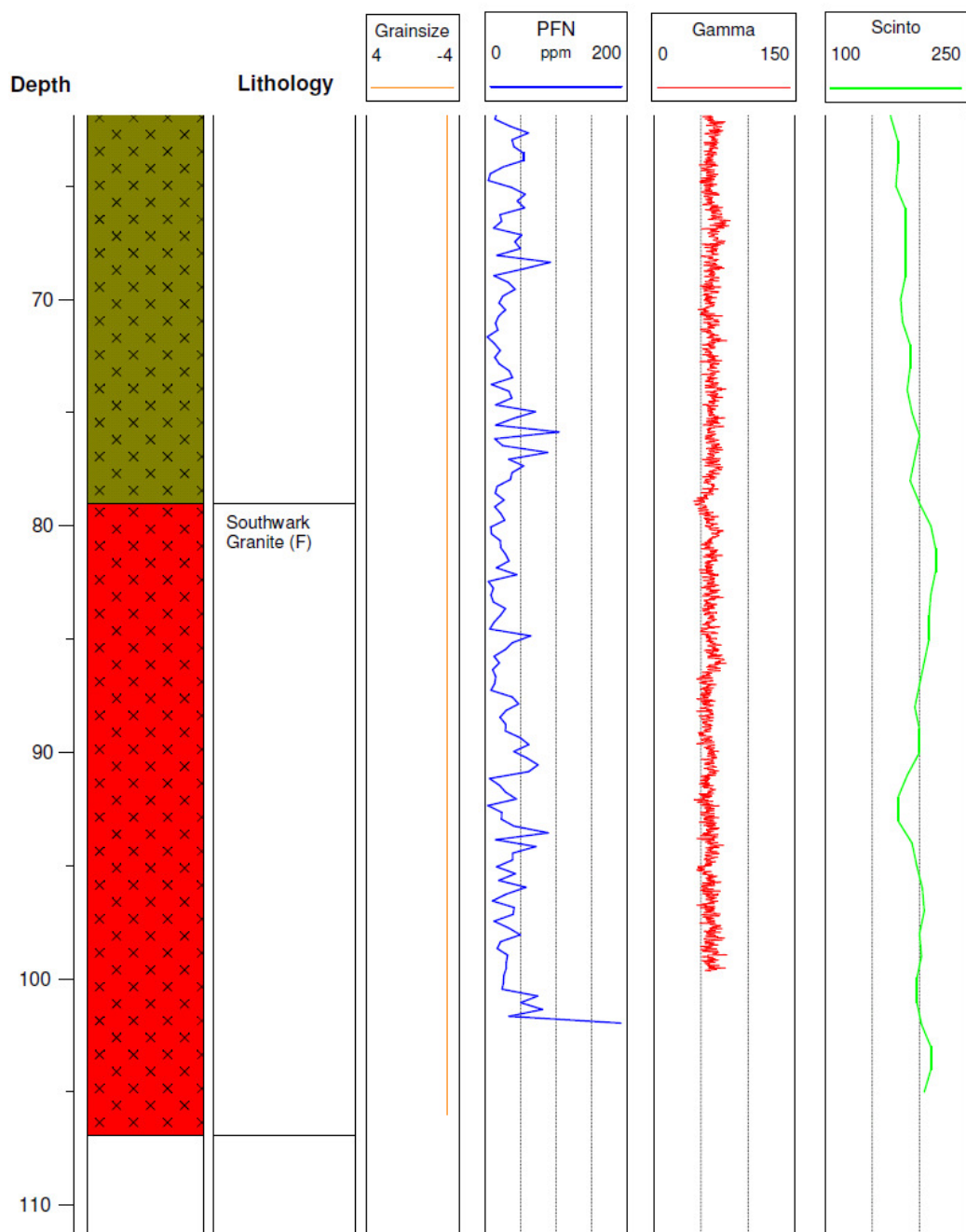
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Easting: 745015

Tenement: EL 24566 Ngalia Thrust

Northing: 7539503

Datum: WGS84 Z52





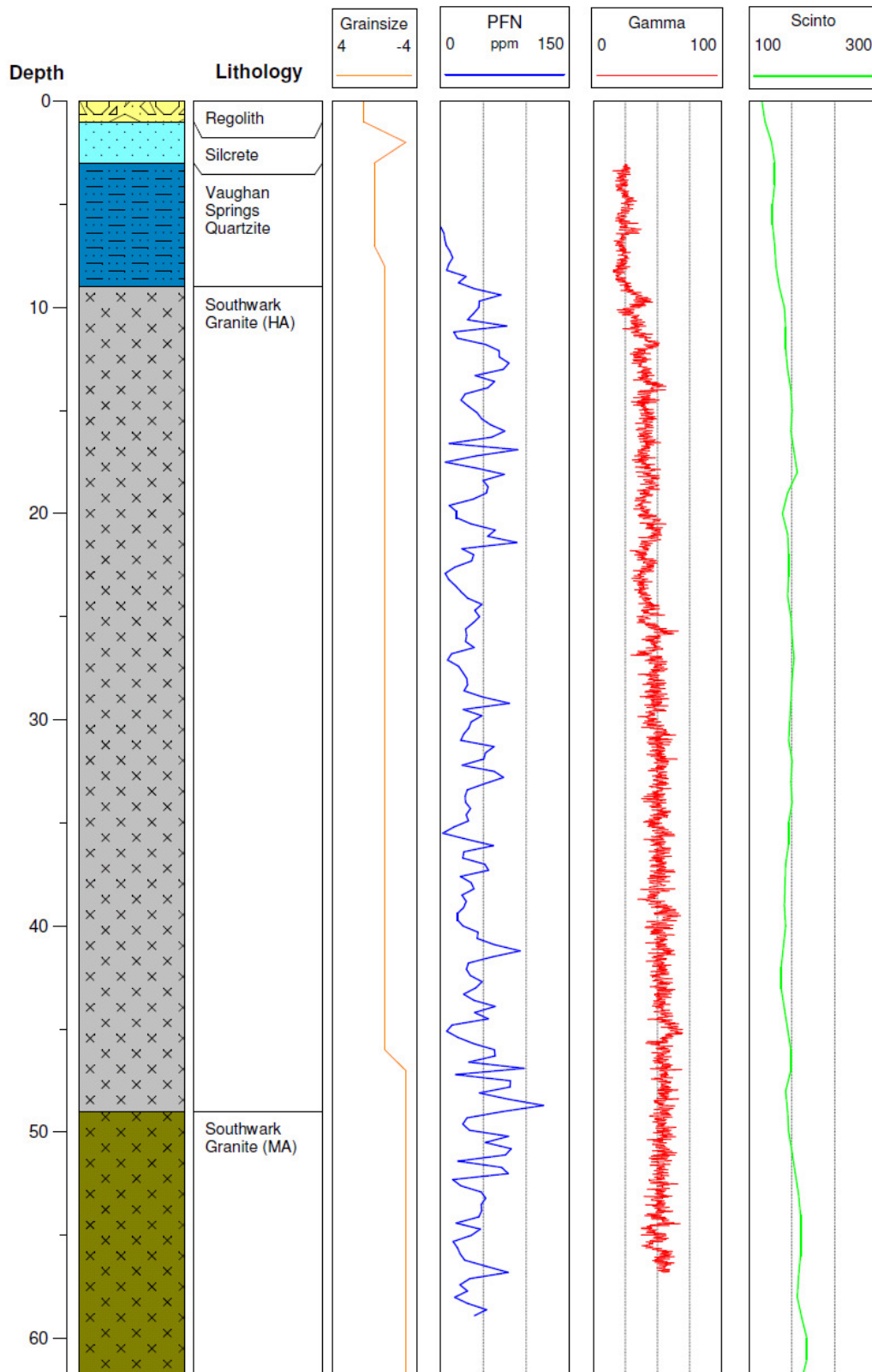
Hole ID: 08SC11

Easting: 744781

Tenement: EL 24566 Ngalia Thrust

Northing: 7539322

Datum: WGS84 Z52





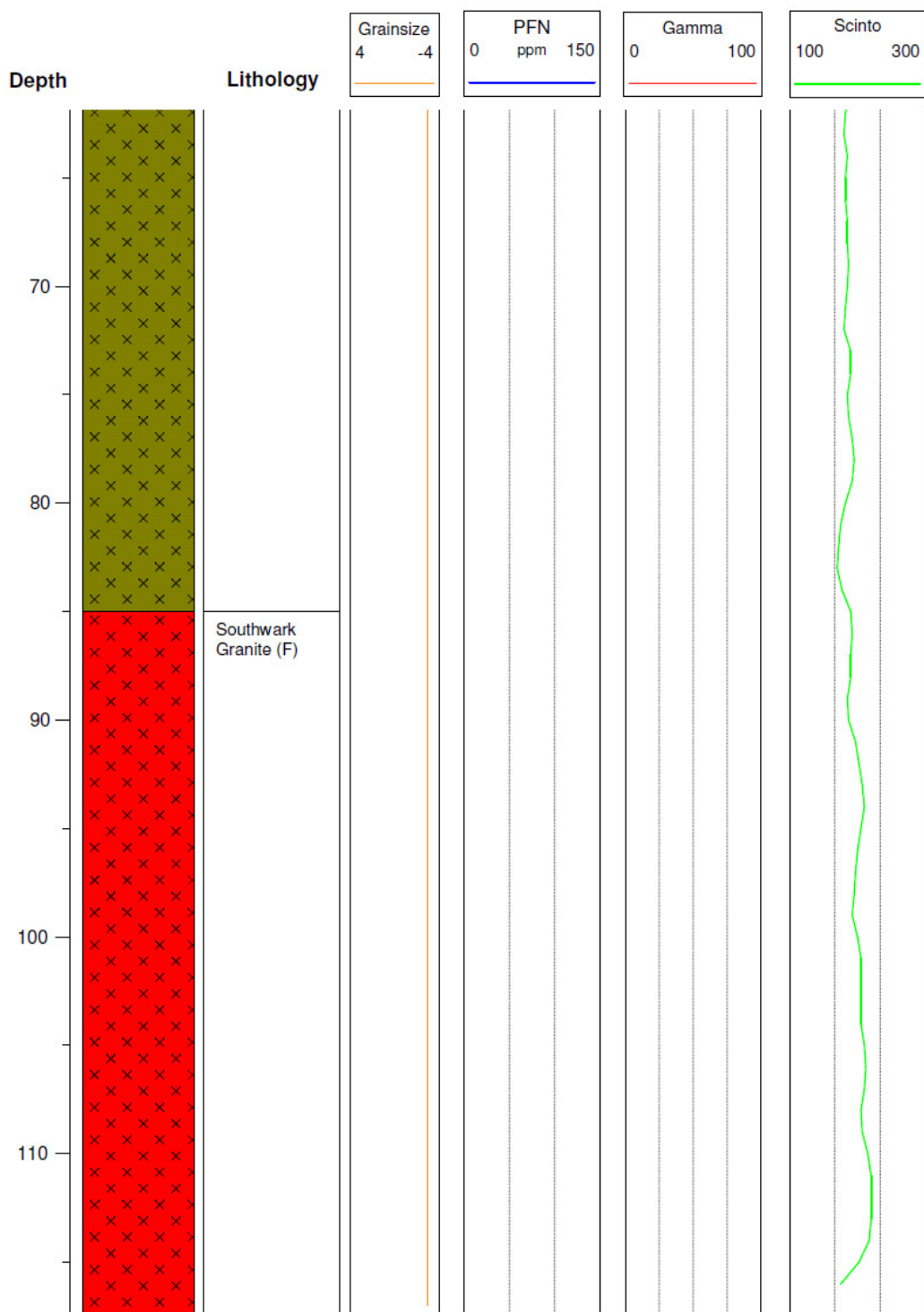
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Tenement: EL 24566 Ngalia Thrust

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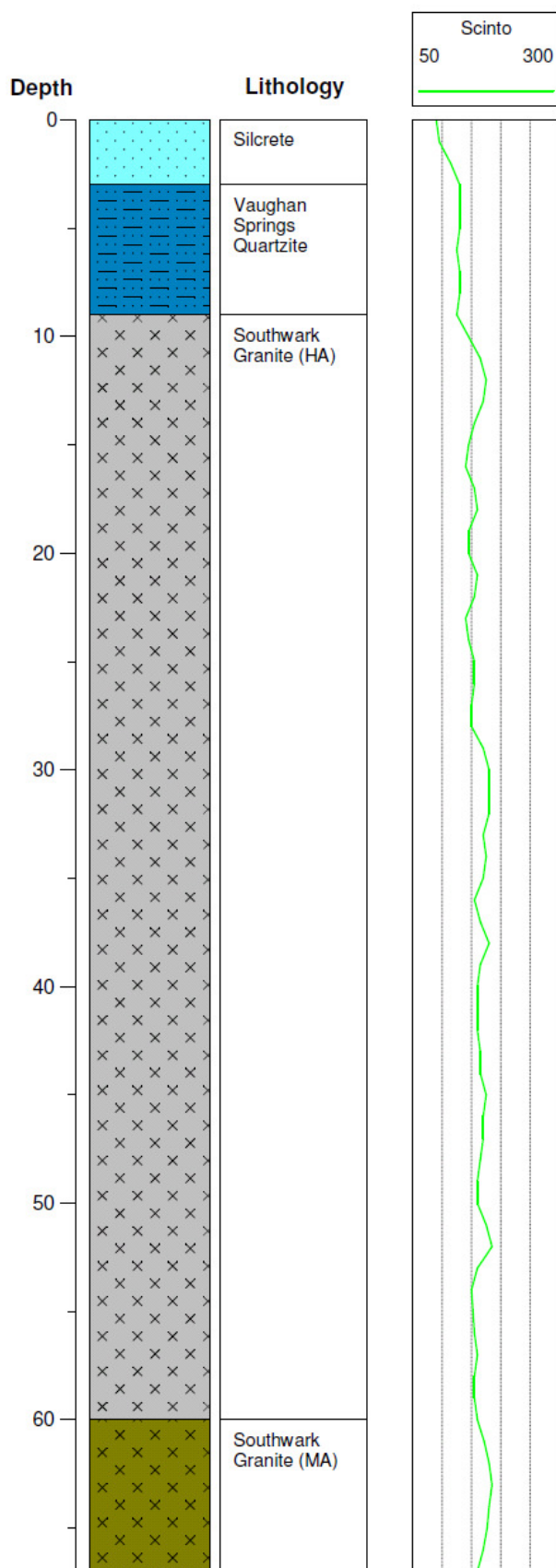
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Easting: 744541

Tenement: EL 24566 Ngalia Thrust

Northing: 7539144

Datum: WGS84 Z52

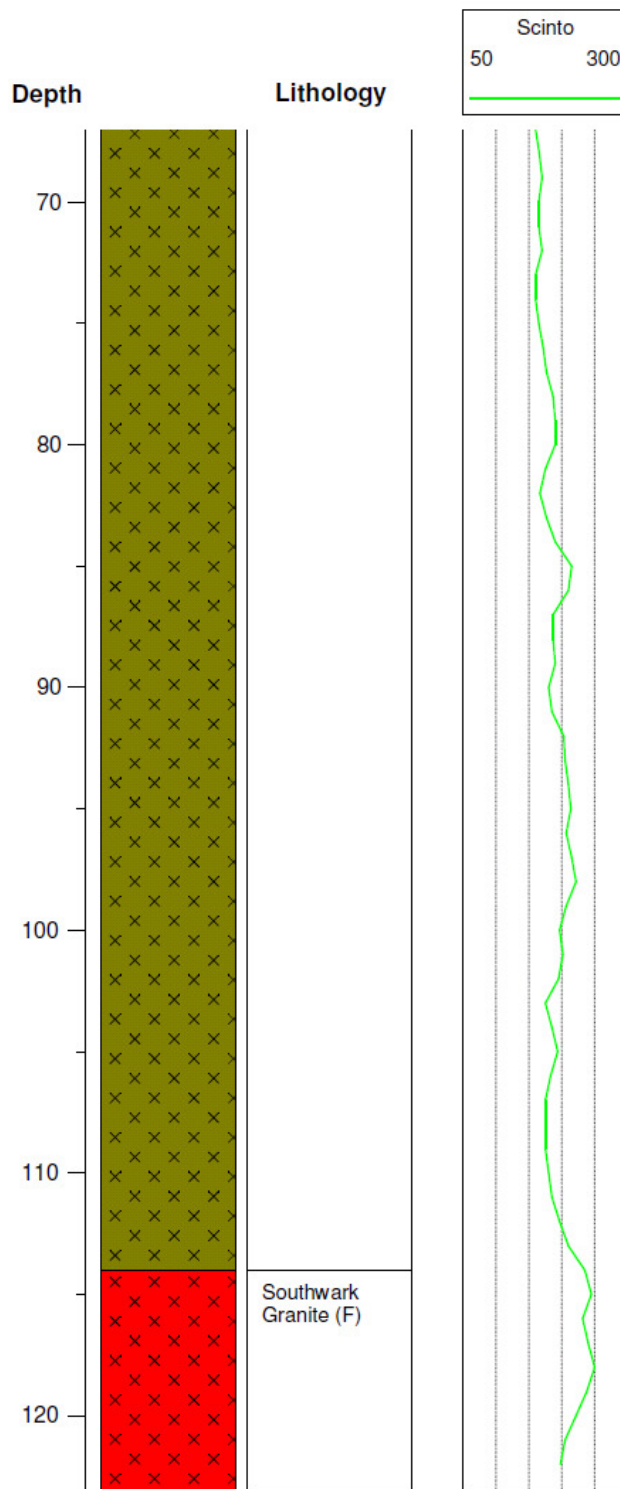




Hole ID: 08SC12
Easting: 744541

Tenement: EL 24566 Ngalia Thrust
Northing: 7539144

Datum: WGS84 Z5:





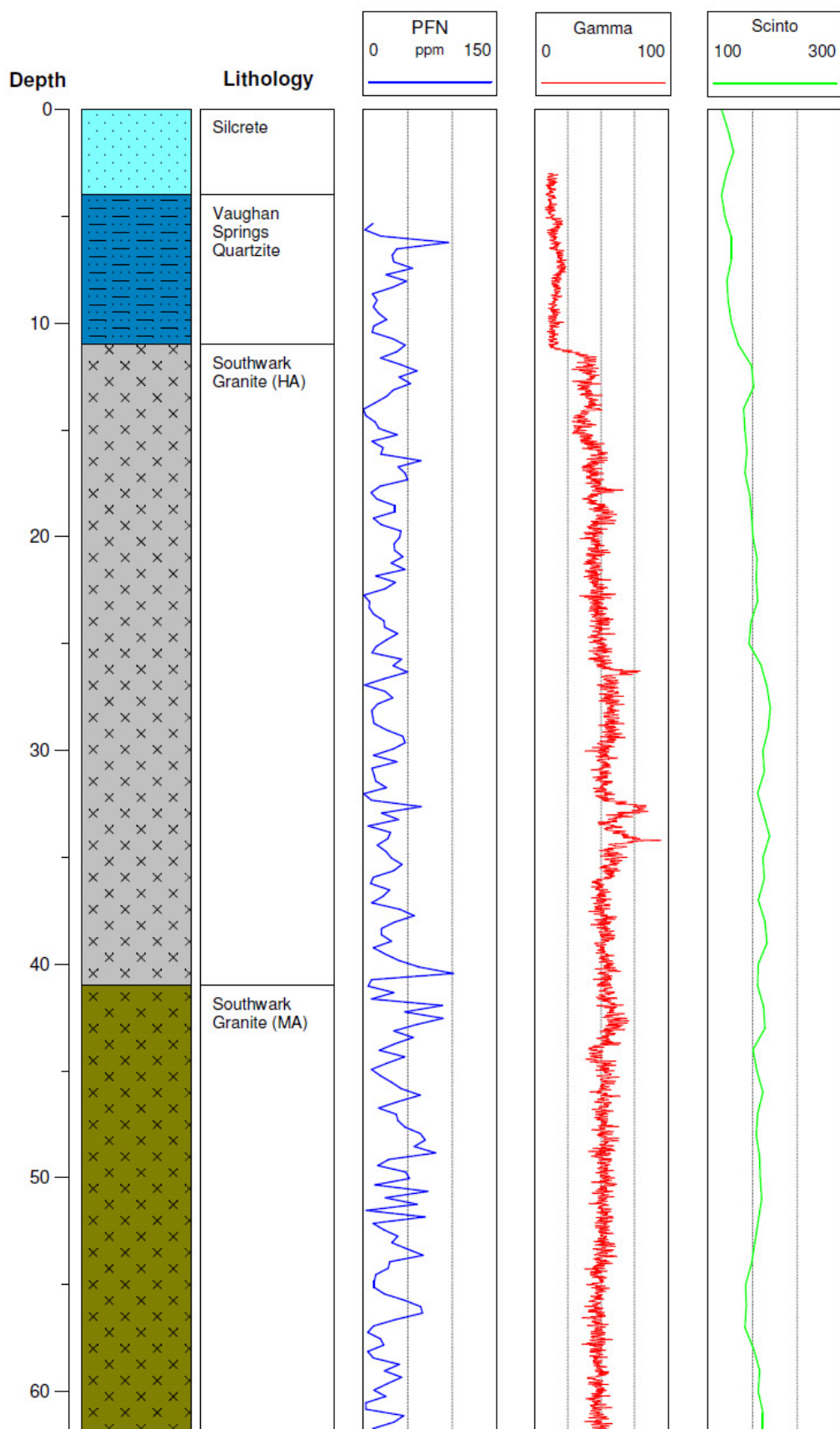
Hole ID: 08SC13

Easting: 744286

Tenement: EL 24566 Ngalia Thrust

Northing: 7538993

Datum: WGS84 Z52





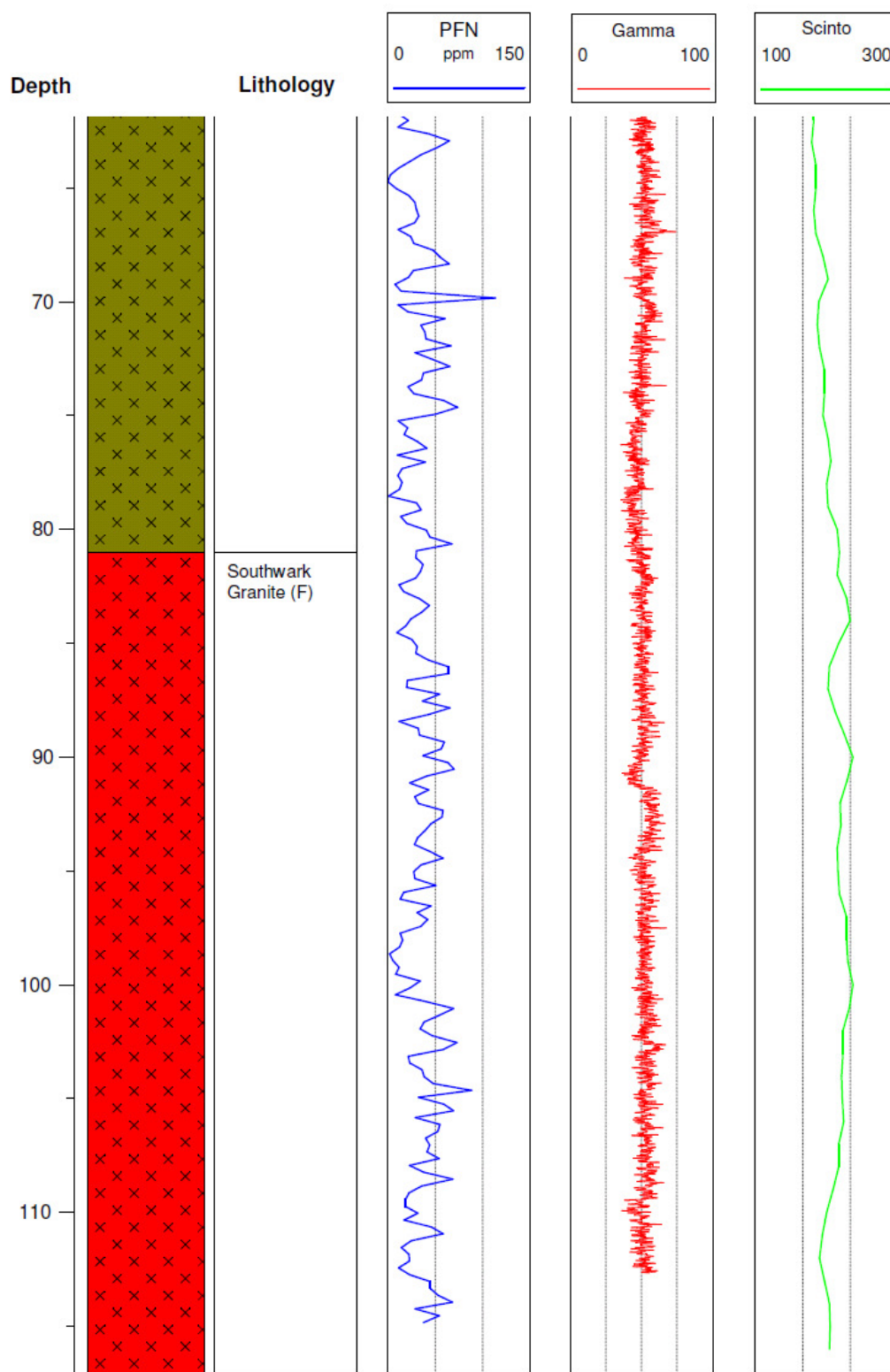
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Easting: 744286

Tenement: EL 24566 Ngalia Thrust

Northing: 7538993

Datum: WGS84 Z52





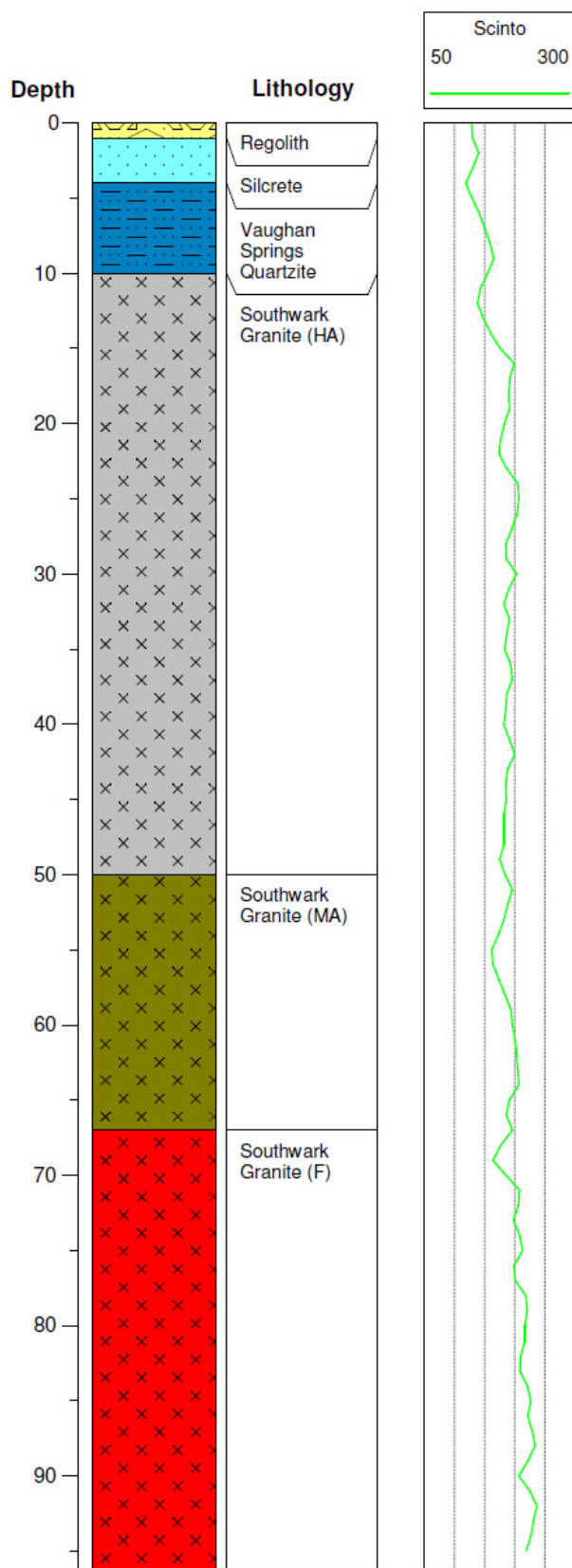
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Easting: 744042

Tenement: EL 24566 Ngalia Thrust

Northing: 7538855

Datum: WGS84 Z52



Appendix 2 - 2008 drilling geochemistry

Genalysys Laboratory Services Pty Ltd analytical sample preparation and techniques

The Preparation of Mineral Exploration Samples

The standard sample preparation procedure at Genalysis is:

Single Stage Mix and Grind (SSMG) (limited to samples not exceeding 3kg)

General Description

Dry total sample, (jaw crush if necessary); single stage mix and grind total sample in an appropriately sized pulveriser (ring mill or puck type). Optional barren quartz clean of bowl between samples. Approximately 200g (or more, depending on the analytical requirements) is packaged in a paper sample envelope as the laboratory portion. The balance of the bulk pulp is stored in a new plastic bag.

Pulveriser bowls of "removable" configuration are available in 50g, 100g, 300g and 750g capacities. The typical maximum capacity of "fixed" configuration is 3kg.

Samples up to 750g

For samples up to 750g, the grinding efficiencies are such that particle size of the product is not normally an issue. Grinding times are relatively short (1 to 2 minutes).

Samples greater than 750g up to 3kg

For the 3kg capacity mills the grinding time is set at four minutes. Test work has shown that particle size distribution may not be improved by grinding for longer than four minutes. Whilst the aim is to produce a bulk pulp of nominally 90% minus 75 micron, this may not be achievable with certain very hard samples. If fine grind is considered essential, please discuss sample preparation options with Genalysis management prior to commencement of any project.

Disc Mills

Genalysis does **not** use disc mills either vertically mounted (Braun and Bico) or horizontally mounted (Keegor).

AT/OES and AT/MS

Multi-acid attack including hydrofluoric, nitric, perchloric and hydrochloric acids in teflon tubes. Suitable for dissolving silica based samples requiring low levels of detection. This digest approaches total dissolution for most minerals. Some minor chromium and antimony losses may occur. Elements incorporated in highly resistant minerals may not be dissolved; these include, but are not limited to, zircon, rutile, ilmenite, tantalite, columbite, cassiterite, wolframite, spinels and some garnet species.

0.2 g pulped sample is digested with a mixture of HNO₃, HClO₄ and HF in teflon tubes placed in a Hot Box. The temperature and duration of the digest are electronically controlled starting from 25 DegC to 240 DegC. At the end of the 16-hour digest the samples are cooled and then leached with HCl and finally made up to a volume of 20 ml with doubly deionised water.

This final solution is introduced to the ICPOES or ICPMS for analysis.

Fus/XRF

XRF is the preferred technique for determination of the major element oxides as well as some trace elements, particularly those with solubility issues. Two principal sample pretreatment techniques are used; pressed powder and fused disc. Pressed powders are generally used for determining trace elements but these analyses may be subject to particle size and matrix effects which increase analytical uncertainty, particularly in the light elements. Fusion techniques reduce the matrix effects and eliminate particle size effects; providing more precise major element data, however dilution makes this generally less suitable for trace elements.

0.7g of the pulped sample is mixed with a suitable flux (usually lithium borate mixtures) and fused at ~1000 degC. The exact ratio of sample to flux can be altered to suit the samples matrix. The product is poured into a mould to obtain a homogenous fused disc which is then presented to either a Pan Magix XRF (simultaneous instrument) or a Pan Axios (sequential instrument) for analysis. The analysis normally includes the determination of the loss on ignition (LOI) at a range of temperature up to 1000 degC, this result is included in the analysis to allow for full correction of the matrix.

TGA

Thermo gravimetric LOI analyses at up to four different temperatures. Approximately 1gram portion of the sample is heated at a range of temperatures starting at 105degC normally through to 1000 degC. The sample is repeatedly weighed until a constant mass is obtained at each temperature and then the loss in mass is calculated.

FUSION DH/SIE

Carbonate fusion in nickel crucible specific for fluoride, determined by SIE.

B/SAAS

Aqua regia will attack most rock types, however silicates and refractory minerals will remain largely un-dissolved. Aqua regia is a useful tool for exploration, however, it is not suitable for resource work.

DIGESTION B (10g charge)

The digested and leached sample is vacuum filtered and diluted to volume. Elements by solvent extraction and flame AAS (SAAS).

Trace elements

Sample #	Hole ID	From (m)	Element Method Detection Units To (m)	Ag	As	Au	Co	Cu	Mn	Mo	Ni	Pb	Sn	Th	U	V	W	Zn	Zr
				AT/ OES 1 ppm	AT/ OES 10 ppm	B/ SAAS 0.01 ppm	AT/ OES 1 ppm	AT/ OES 1 ppm	AT/ OES 1 ppm	AT/ OES 2 ppm	AT/ OES 1 ppm	Fus/ XRF 50 ppm	AT/ MS 10 ppm	AT/ MS 0.01 ppm	AT/ MS 0.01 ppm	AT/ OES 2 ppm	AT/ OES 10 ppm	AT/ OES 1 ppm	AT/ MS 0.1 ppm
76260	08CC06	3	4				1	33	85		3			52	16	63	80	26	
76261	08CC06	4	5					21	132	3	3		10	74	21	64	23	18	
76262	08CC06	5	6				2	18	147	2	11			68	19	57	20	15	
76263	08CC06	6	7					16	123	2	3		10	80	19	62	26	15	
76264	08CC06	7	8				1	31	89	2	2			70	19	47	45	19	
76265	08CC06	8	9				3	37	73	3	11			72	19	42	64	21	
76266	08CC06	9	10				0.9	98	132	0.9		24		72	31	60		17	
76267	08CC06	10	11		24			19	67		3		10	71.59	20.3	42		14	227.8
76268	08CC06	13	14					19	60		3			64	19	34	13	11	
76269	08CC06	16	17					20	65		2			70	27	43		21	
76270	08CC06	19	20					17	66		2			68	20	30	15	15	
76271	08CC06	22	23				1	18	63		4			56	14	27	13	19	
76272	08CC06	25	26				2	25	114		4			65	14	36		35	
76273	08CC06	28	29				3	29	178		5			59	11	38		52	
76274	08CC06	31	32				5	41	174		5			65	16	39		67	
76275	08CC06	34	35				7	24	308		7			54	16	39		75	
76276	08CC06	37	38				5	9	143		4			54	15	23		39	
76277	08CC06	40	41				5	11	115		5			58	21	28		49	
76278	08CC06	46	47				4	7	151		3			50.97	17.17	25		44	160
76279	08CC06	49	50				4	7	96	5	4			48	14	20		22	
76280	08CC06	52	53				5	24	113	4	3			59	16	25		29	
76281	08CC06	55	56				5	7	145		4			60	16	25		32	
76282	08CC06	58	59				5	4	160		4			61	15	24		36	
76283	08CC06	61	62				7	5	245		5			59	13	30		46	
76284	08CC06	64	65				1.7	164	111	0.8	2	31		40	13	10		17	
76285	08CC06	67	68				4	5	166		3		11	56	13	16		28	
76286	08CC06	70	71				6	8	266		5			59	23	26		37	
76287	08CC06	73	74				6	12	216	5	6			70	19	30		35	
76288	08CC06	76	77				6	12	289		5			64	21	30		44	
76289	08CC06	79	80				7	8	314	2	5			56	11	35		42	
76290	08CC06	82	83				6	23	357	2	6			59	37	37		48	
76291	08CC06	85	86				7	12	419		6			59	16	39		57	
76292	08CC06	88	89				6	10	438	3	6			59	21	39		50	
76293	08CC06	91	92				6	15	428		6			57	14	42		54	
76294	08CC06	94	95				7	13	395	5	5			57	11	37		46	
76295	08CC06	97	98				6	33	442	2	5			54	16	37		44	
76296	08CC06	100	101				6	15	394	2	4		10	59	15	34		48	

<u>76297</u>	08CC06	103	104		6	10	383	3	5		60	9	37		45
<u>76401</u>	08CC06	104	105		7.2	11	409	1.4	4	35	52	13	40		50
<u>76298</u>	08CC06	106	107		7	11	436	5	5		60	16	39		47
<u>76299</u>	08CC06	109	110		7	13	428	3	6		59	12	43		50
<u>76402</u>	08CC06	111	112		6.9	20	383	0.7	4	34	54	20	39		49
<u>76300</u>	08CC06	112	113		5	13	273		4		52	13	33	10	24
<u>76301</u>	08CC06	115	116		7	15	406		9		52	14	40		42
<u>76302</u>	08CC06	118	119		6	30	342		6		51	19	39		74
<u>76303</u>	08CC06	121	122		6	40	350		6		56	36	39		60
<u>76304</u>	08CC06	124	125		7	70	284		6		54	19	41		34
<u>76305</u>	08CC06	127	128		7	34	300		7	12	53	22	40		103
<u>76306</u>	08CC06	130	131		7	18	343		6		58	16	41		51
<u>76307</u>	08CC06	133	134		6	18	311		6		49	14	37		61
<u>76308</u>	08CC06	135	136		7	294	388		6	13	53	13	41		51
<u>76309</u>	08CC06	139	140		7	15	438	2	8		51	28	43		48
<u>76310</u>	08CC06	142	143		6	14	402		6		50	13	39		50
<u>76311</u>	08CC06	145	146		7	16	467		6		53	22	44		56
<u>76312</u>	08CC06	148	149		7	12	407	2	7		52	15	41		54
<u>76313</u>	08CC06	151	152		7	16	397		6		54	16	43		64
<u>76403</u>	08CC06	153	154		7.5	17	396	0.9	5	38	54	18	42		56
<u>76314</u>	08CC06	154	155		7	20	390		8		54	24	45		78
<u>76315</u>	08CC06	157	158		7	16	417		7	11	50	15	44		60
<u>76316</u>	08CC06	160	161		7	13	420	3	7		47	17	45		83
<u>76317</u>	08CC06	163	164		7	206	434		6		54	19	41		44
<u>76404</u>	08CC06	165	166		7.1	13	446	2.4	4	40	48	33	41		52
<u>76318</u>	08CC06	166	167		7.7	19	466	1.1	5	33	56	15	45		62
<u>76319</u>	08CC06	169	170		7	22	424		6	15	58	18	47	11	46
<u>76320</u>	08CC06	172	173		6	24	358		6	12	52	18	39		49
<u>76405</u>	08CC06	177	178		4.4	117	333	0.5	3	25	46	18	26		40
<u>76321</u>	08CC06	175	176		6.7	36	393	1	5	23	56	13	43		33
<u>76322</u>	08CC06	178	179		7	39	445		7	13	61	13	45		39
<u>76323</u>	08CC06	181	182		5	7	510		6	12	79	29	39		51
<u>76406</u>	08CC06	182	183		7.2	13	482	1.2	4	36	63	27	40		51
<u>76407</u>	08CC06	183	184		7.2	9	481	2.3	5	31	52	20	44		49
<u>76324</u>	08CC06	184	185		8	12	531		7	10	59	21	51		55
<u>76325</u>	08CC06	187	188		6	12	633	4	6		63	13	44		60
<u>76326</u>	08CC06	190	191			21	224	2	2		18	27	3		17
<u>76408</u>	08CC06	192	193		5.4	16	477	3.1	5	37	66	19	35		46
<u>76327</u>	08CC06	193	194		6	10	354		7		77	18	46		30
<u>76409</u>	08CC06	195	196	2	3.2	3	345	1.5	2	43	40	24	19		37
<u>76328</u>	08CC06	196	197		0.9	4	142	0.9		41	15	20	2		12
<u>76410</u>	08CC06	197	198		1.1	3	144	0.4		38	18	21			10
<u>76411</u>	08CC06	198	199		2.9	6	209	0.9	2	31	29	15	12		22
<u>76329</u>	08CC06	199	200		6	19	344		7		64	10	48		36
<u>76330</u>	08CC06	202	203		6.7	14	369	0.9	5	35	53	11	38		46
<u>76331</u>	08CC06	205	206		7	11	350		6		49	13	40		46
<u>76412</u>	08CC06	207	208		7.8	17	457	1.2	5	33	54	12	43		54
<u>76332</u>	08CC06	208	209		9	74	361		6		50	11	41		49

<u>76333</u>	08CC06	211	212			7	60	364	3	7		12	48	11	41		51
<u>76334</u>	08CC06	214	215			6	32	362		6			49	10	39		55
<u>76335</u>	08CC06	217	218			6	23	395		6		11	55	8	43		54
<u>76336</u>	08CC06	220	221			7	14	379		6			51	11	43		73
<u>76337</u>	08CC06	223	224			6	15	356		6		10	50	13	39		56
<u>76338</u>	08CC06	226	227			5	13	351		5		10	49	10	38		48
<u>76339</u>	08CC06	229	230			6	17	392		6			55	10	43	10	52
<u>76340</u>	08CC06	232	233			8	170	431		6			54.68	11.46	50	41	64
<u>76341</u>	08CC06	235	236			7	58	380		5			53	10	42		54
<u>76342</u>	08CC06	238	239			6	87	371		5			46.34	10.19	38		54
<u>76343</u>	08CC06	241	242			6	34	351	3	6			47	9	41		44
<u>76344</u>	08CC06	244	245			6	264	310	3	6		11	51	12	42	11	40
<u>76345</u>	08CC06	247	248	3		4.6	70	171	0.8	2	30		38	63	14		18
<u>76346</u>	08CC06	250	251			8	19	260		5			44.05	9.27	36		31
<u>76347</u>	08CC06	253	254			5.4	42	179	0.9	3	30		31	7	17		21
<u>76348</u>	08CC06	256	257			6	107	328		6			54.33	11.42	46		35
<u>76349</u>	08CC06	259	260			9	46	411	3	9		13	59	11	53		154
<u>76350</u>	08CC06	262	263	28		7	34	276		5			52.22	9.76	38		31
<u>76351</u>	08CC06	265	266			6	28	273		6			52.75	10.35	43		27
<u>76352</u>	08CC06	268	269	15		13	26	264		5			43.32	8.78	33		25
<u>76353</u>	08CC06	272	273			6	27	270		6		11	48	11	39		45
<u>76234</u>	08CC07	0	1			5	20	302		9			56	13	67	13	35
<u>76235</u>	08CC07	1	2			3	59	178	3	4			65	24	130	23	37
<u>76236</u>	08CC07	6	7			4	40	199		5			72	20	62	13	60
<u>76237</u>	08CC07	7	8			4	34	169		4			68	20	49	16	49
<u>76238</u>	08CC07	8	9			3	31	154		3			67	23	41	27	34
<u>76239</u>	08CC07	9	10			3	36	152		5			71	29	53	20	37
<u>76240</u>	08CC07	10	11			7	47	244		12			65	22	53		74
<u>76241</u>	08CC07	11	12			6	37	236		7			75	26	45	10	52
<u>76242</u>	08CC07	12	13			3	32	152		6			72	25	45	13	35
<u>76243</u>	08CC07	13	14			4	37	202		6			61	22	61	12	48
<u>76244</u>	08CC07	14	15			7	42	278		7			64	20	55		66
<u>76245</u>	08CC07	15	16			3	29	126	2	4			61	18	43		37
<u>76246</u>	08CC07	18	19			4	39	118		7			51	20	50		43
<u>76247</u>	08CC07	21	22			7	30	192		9			59	15	44		61
<u>76248</u>	08CC07	24	25			7	30	191		9			55	13	41		65
<u>76425</u>	08CC07	26	27			7.2	34	160	0.5	10	30		53	19	43		79
<u>76249</u>	08CC07	27	28			8	33	170		13			58	21	47		82
<u>76426</u>	08CC07	30	31	7		38.8	229	340	5.8	136	21		14	176	373		544
<u>76259</u>	08CC07	32	33			80	94	269		225			27	21	122		773
<u>76427</u>	08CC07	32	33			83.3	112	912	0.1	174	23		18	45	157		837
<u>76250</u>	08CC07	33	34			91	132	2067	3	237			34	32	213		649
<u>76251</u>	08CC07	34	35			15	68	263		25			54	11	36		108
<u>76252</u>	08CC07	36	37			9	17	242		10			53	11	31		60
<u>76253</u>	08CC07	39	40			8	17	249	2	8			50	14	34		55
<u>76254</u>	08CC07	42	43			6	24	216		6			54	15	36		52
<u>76255</u>	08CC07	45	46			8	19	256		7			55	16	37		58
<u>76256</u>	08CC07	48	49			7	16	433	3	6			60	14	44		51

<u>76257</u>	08CC07	51	52	20	7	14	373		5		48.97	10.02	41		52	184.7
<u>76258</u>	08CC07	56	57		6	10	364	3	5		51	13	36		43	
<u>76209</u>	08CC08	0	1		2	12	79		4	11	82	7	64	12	15	
<u>76210</u>	08CC08	1	2		1	12	68		3	11	71	7	68	11	13	
<u>76211</u>	08CC08	2	3		3	12	107		5	12	50	8	59		25	
<u>76212</u>	08CC08	3	4			18	57		5		42	5	38	12	9	
<u>76213</u>	08CC08	4	5		2	15	55		4	11	63	11	62		15	
<u>76214</u>	08CC08	5	6			14	52		3	11	54	13	59		11	
<u>76215</u>	08CC08	6	7			14	53		3	11	54	14	71	10	12	
<u>76216</u>	08CC08	7	8		1	14	61		2		53	11	69		13	
<u>76217</u>	08CC08	8	9		1	13	48		3		49	7	48		11	
<u>76218</u>	08CC08	9	10		2	11	66		3	11	52	8	51		17	
<u>76219</u>	08CC08	10	11		1	10	55		3		50	6	41		14	
<u>76220</u>	08CC08	11	12			9	101		4		48	4	30		13	
<u>76221</u>	08CC08	12	13			9	57		2	10	68	5	38	10	9	
<u>76222</u>	08CC08	13	14		1	9	60		3		64	6	37	11	9	
<u>76223</u>	08CC08	14	15		1	8	89		4		64	6	30	10	8	
<u>76224</u>	08CC08	15	16			8	64		3	11	60	6	27		9	
<u>76225</u>	08CC08	22	23			9	99		3		62	9	25		7	
<u>76226</u>	08CC08	24	25			9	79		5		69	10	14		16	
<u>76227</u>	08CC08	30	31		2.7	18	95	0.3	7	138	64	14	14		19	
<u>76424</u>	08CC08	32	33		0.9	15	40	0.5	3	253	68	32	30		21	
<u>76228</u>	08CC08	33	34		3	24	110		4		65	20	39		41	
<u>76229</u>	08CC08	37	38		3	18	103		3		62	17	25		45	
<u>76230</u>	08CC08	40	41		5	12	108	2	4		55	14	23		61	
<u>76231</u>	08CC08	43	44		8	11	236		5		58	16	24		69	
<u>76232</u>	08CC08	46	47		5	7	258		5		53	14	24		53	
<u>76233</u>	08CC08	49	50		4	7	408		4		46.99	15.68	22		43	
<u>76175</u>	08CC09	0	1		1	19	115		3	14	90	16	30		10	
<u>76176</u>	08CC09	1	2			17	95		3	13	105	26	34		9	
<u>76177</u>	08CC09	2	3			16	82		3	14	88	16	34		8	
<u>76178</u>	08CC09	3	4		1	20	114	7	3	14	84	11	35		17	
<u>76179</u>	08CC09	4	5			16	59		3	14	105	10	31		11	
<u>76180</u>	08CC09	5	6		1	14	86		3	13	88	10	28		8	
<u>76181</u>	08CC09	6	7			16	51		4	14	94	11	28	12	11	
<u>76182</u>	08CC09	7	8			16	68		4	12	95	11	32		9	
<u>76183</u>	08CC09	8	9			14	91		5	15	88	10	33		8	
<u>76184</u>	08CC09	9	10		1	12	73		4	12	77	9	32		8	
<u>76185</u>	08CC09	10	11			12	96		3	13	73	10	31		8	
<u>76186</u>	08CC09	11	12			12	72		3	13	72	11	30		7	
<u>76187</u>	08CC09	12	13			14	150		6	13	89	15	32		11	
<u>76188</u>	08CC09	13	14		1	13	93		2	11	85	11	30		8	
<u>76189</u>	08CC09	14	15		1	12	99		2	13	85	11	28		7	
<u>76190</u>	08CC09	15	16			12	68			14	73	12	35		13	
<u>76191</u>	08CC09	18	19		1	18	75		3	12	85	10	52		8	
<u>76192</u>	08CC09	21	22		2	17	58	3	4	12	78	10	26		10	
<u>76193</u>	08CC09	24	25		1	23	64		8		68	12	63		10	
<u>76194</u>	08CC09	27	28	1	1	32	109		8		76	40	28		24	

<u>76195</u>	08CC09	30	31		1	21	81		5		10	71	12	37		13
<u>76196</u>	08CC09	33	34		2	49	113	2	3		11	82	26	72		33
<u>76197</u>	08CC09	36	37		1	19	81		4		12	71	17	38		13
<u>76198</u>	08CC09	39	40		7	111	191		5			54	69	72		136
<u>76423</u>	08CC09	40	41		11.1	179	296	1	6	24		46	80	68		203
<u>76199</u>	08CC09	42	43		5	52	120		4			61	18	43		75
<u>76200</u>	08CC09	45	46		11	61	104		14			57	21	39		53
<u>76201</u>	08CC09	48	49		8	113	129		7			61	20	44		43
<u>76202</u>	08CC09	51	52		6	85	125		9			53	15	27		35
<u>76203</u>	08CC09	54	55		10	70	370		8			70	16	49		80
<u>76204</u>	08CC09	57	58		12	54	367		8			56	17	42		67
<u>76205</u>	08CC09	60	61		6	24	492	2	5			56	12	39		52
<u>76206</u>	08CC09	63	64		7	18	378	2	5			58	12	42		63
<u>76207</u>	08CC09	66	67		6	12	342	2	5			52	10	37		46
<u>76208</u>	08CC09	69	70		7	12	408		6			54	13	42		54
<u>76001</u>	08SC10	0	1	5	2	25	86	3	7			19	5	63		8
<u>76002</u>	08SC10	1	2	1	9	22	43		8			28	5	26		12
<u>76003</u>	08SC10	2	3		7	21	14		9			22	3	13		7
<u>76004</u>	08SC10	3	4		6	17	13		6			30	3	18		8
<u>76005</u>	08SC10	4	5		5	15	31		5	53		29	3	27		8
<u>76006</u>	08SC10	5	6		4	19	29		2			22	3	24		10
<u>76007</u>	08SC10	6	7		5	19	22		5			20	3	25		13
<u>76008</u>	08SC10	7	8		5	21	50		4			59	9	36		16
<u>76009</u>	08SC10	8	9	2	3	19	43		2			64	13	37		10
<u>76010</u>	08SC10	9	10	1	3	19	50		2			67	14	36	29	11
<u>76011</u>	08SC10	10	11		1	19	52		1			62	14	39	20	9
<u>76013</u>	08SC10	12	13		1	19	85		1			62	10	47		11
<u>76014</u>	08SC10	13	14			20	45	5	1			70	9	52	11	10
<u>76015</u>	08SC10	14	15		1	18	58		1			66	8	47		11
<u>76016</u>	08SC10	19	20	35	3	75	71	4	14			45	10	47	135	23
<u>76418</u>	08SC10	21	22	1	3	27	73	1	2	27		55	11	52		33
<u>76017</u>	08SC10	24	25	1	4	39	76		3			59	7	52	21	37
<u>76018</u>	08SC10	29	30		7	70	98		7			50	16	82	74	67
<u>76419</u>	08SC10	32	33	3	17	116	121	1	10	27		51	33	73		147
<u>76019</u>	08SC10	34	35		2	31	58		3			56	14	50	17	37
<u>76020</u>	08SC10	39	40		4	23	68		5			50	16	49	22	43
<u>76021</u>	08SC10	44	45		8	34	60		7			52	17	44		67
<u>76022</u>	08SC10	49	50	1	18	77	95		12			46	18	39	17	55
<u>76023</u>	08SC10	54	55		9	23	135	3	6			53	18	40		54
<u>76024</u>	08SC10	59	60		8	20	148		6			51	18	35		35
<u>76025</u>	08SC10	65	66		7	25	234		5			51	14	37		52
<u>76026</u>	08SC10	71	72		8	17	244		6			51	16	38		44
<u>76027</u>	08SC10	76	77		8	20	382		7			51	14	38		59
<u>76028</u>	08SC10	82	83		8	22	379		5			53	13	42		53
<u>76029</u>	08SC10	87	88		8	19	298	2	5			51	9	39		41
<u>76030</u>	08SC10	92	93		15	10	291	3	5			54	12	41		35
<u>76420</u>	08SC10	93	94		7	12	320	1	5	28		52	14	45		33
<u>76031</u>	08SC10	97	98		9	100	320		5			50	12	41		36

<u>76032</u>	08SC10	102	103		7	13	498		6		54	13	41		56
<u>76033</u>	08SC10	107	108		5	17	221	2	4		46	10	29		27
<u>76034</u>	08SC11	0	1	1	2	26	174		2		21	4	36		5
<u>76035</u>	08SC11	1	2	1	1	18	41		2		31	5	24		6
<u>76036</u>	08SC11	2	3		7	15	39	3	6		36	3	22		8
<u>76037</u>	08SC11	3	4		4	14	17		4		35	3	16		7
<u>76038</u>	08SC11	4	5		6	13	18		6		39	3	19		9
<u>76039</u>	08SC11	5	6		3	13	23		5		33	2	19		9
<u>76040</u>	08SC11	6	7		3	12	27		5		34	3	33		9
<u>76041</u>	08SC11	7	8		2	15	21		5		34	4	26		8
<u>76042</u>	08SC11	8	9		3	14	49	2	4		31	5	31		8
<u>76043</u>	08SC11	9	10		4	13	38		7		52	5	45		9
<u>76044</u>	08SC11	10	11		4	15	54		5		60	6	33		7
<u>76045</u>	08SC11	11	12		2	13	31		5		76	6	28		8
<u>76046</u>	08SC11	12	13		2	11	55		3		71	7	28		8
<u>76047</u>	08SC11	13	14	1	1	12	60		6	11	78	8	26		11
<u>76048</u>	08SC11	14	15	1	1	13	70		6	10	73	8	14		10
<u>76049</u>	08SC11	19	20	4	2	17	64		4		68	8	20	14	15
<u>76421</u>	08SC11	21	22	0.4	0.8	14	85	0.2	2	61	78	9	24		14
<u>76050</u>	08SC11	24	25	4	1	19	43		8	11	67	5	17		15
<u>76051</u>	08SC11	31	32		2	23	90		5		77	12	115	12	63
<u>76052</u>	08SC11	34	35		2	22	106		8		70	11	98		30
<u>76053</u>	08SC11	39	40		2	21	87		7		73	14	63		23
<u>76054</u>	08SC11	44	45		3	44	111		6		84	20	99		37
<u>76422</u>	08SC11	48	49		5.9	39	229	0.3	7	42	62	16	58		88
<u>76055</u>	08SC11	49	50		6	34	149		8	62	62	12	49		66
<u>76056</u>	08SC11	54	55		6	16	140		4		50	9	35		44
<u>76057</u>	08SC11	59	60		11	38	176		7		50	15	44		82
<u>76058</u>	08SC11	64	65		8	32	179		4		51	14	42		55
<u>76059</u>	08SC11	69	70		8	18	196		6		53	19	40		52
<u>76060</u>	08SC11	74	75		8	22	189		5		55	26	39		56
<u>76061</u>	08SC11	79	80		10	18	181		7		53	17	36		61
<u>76062</u>	08SC11	84	85		7	13	402		5		52	13	40		50
<u>76063</u>	08SC11	89	90		7	13	372		6		52	14	41		57
<u>76064</u>	08SC11	94	95		7	16	364		4	10	49	12	40		50
<u>76065</u>	08SC11	99	100		6	18	319		5		49	10	38		37
<u>76066</u>	08SC11	104	105		6	16	391		5		51	10	37		57
<u>76067</u>	08SC11	110	111		8	31	445	1.5	5	38	53	17	41		61
<u>76068</u>	08SC11	116	117		6	19	321		5		52	7	38		39
<u>76069</u>	08SC12	1	2		2	11	101		4		25	4	46		7
<u>76070</u>	08SC12	2	3		3	13	38		5		28	4	61		8
<u>76071</u>	08SC12	3	4		3	19	31		3		30	4	16		7
<u>76072</u>	08SC12	4	5		4	13	13		4		24	3	12		8
<u>76073</u>	08SC12	5	6		4	7	13		4		26	2	12		8
<u>76074</u>	08SC12	6	7		3	9	18		4		42	3	18		7
<u>76075</u>	08SC12	7	8		4	17	30		4		38	3	22		8
<u>76076</u>	08SC12	8	9		3	9	23		3		32	3	23		7
<u>76077</u>	08SC12	9	10		3	13	60	5	3		50	4	34		9

<u>76078</u>	08SC12	10	11		1	9	44		6		58	5	28		8
<u>76079</u>	08SC12	11	12			9	59		3		80	6	23		8
<u>76081</u>	08SC12	20	21			10	72		2		129	7	22		8
<u>76084</u>	08SC12	35	36			25	109		4	11	81	8	114		34
<u>76085</u>	08SC12	40	41		4	27	84		3	10	74	8	93		26
<u>76086</u>	08SC12	45	46		2	16	142		4		74	8	51		20
<u>76087</u>	08SC12	50	51			13	99		2		66	9	30		11
<u>76088</u>	08SC12	60	61		1	35	131		3	11	69	15	73		26
<u>76089</u>	08SC12	65	66		4	20	128		5	10	74	12	44		37
<u>76090</u>	08SC12	70	71		5	25	154		5	10	67	8	46		52
<u>76091</u>	08SC12	75	76		7	28	192		6		67	10	39		56
<u>76092</u>	08SC12	80	81		6	19	200		6		63	8	31		56
<u>76093</u>	08SC12	85	86		6	34	151	0.3	5	37	51	14	49		56
<u>76094</u>	08SC12	90	91		8	23	192		5		60	12	32		56
<u>76095</u>	08SC12	95	96		17	67	271		10		57	23	40		140
<u>76096</u>	08SC12	100	101		9	23	235		7		61	15	36		76
<u>76097</u>	08SC12	105	106		10	15	311		8	10	57	7	43		64
<u>76098</u>	08SC12	108	109		10	14	318		7		58	9	42	11	59
<u>76099</u>	08SC12	109	110		13	16	401		8	10	58	10	46		67
<u>76100</u>	08SC12	110	111		10	19	235		8	11	57	11	40		92
<u>76101</u>	08SC12	111	112		11	16	261		7		53	10	37		77
<u>76102</u>	08SC12	112	113		9	18	259		5		58	8	33		50
<u>76103</u>	08SC12	113	114		7	27	370		5		56	11	37		50
<u>76104</u>	08SC12	114	115		7	22	380	6	5		63	18	39		55
<u>76105</u>	08SC12	115	116		7	27	361	2	6		58	12	40	11	53
<u>76106</u>	08SC12	116	117		6	16	351	4	5		57	11	42		48
<u>76107</u>	08SC12	117	118		7.9	16	401	1.2	5	35	54	10	44		55
<u>76108</u>	08SC12	120	121		7	18	379		6		54	11	43		50
<u>76109</u>	08SC12	122	123		6	19	353		5		54	11	40		47
<u>76110</u>	08SC13	1	2			9	158		1		37	5	15		3
<u>76111</u>	08SC13	2	3		3	14	37		5		25	3	29		10
<u>76112</u>	08SC13	3	4		2	20	23		3		20	3	23		7
<u>76113</u>	08SC13	4	5		2	23	30	5	2		23	3	13		6
<u>76114</u>	08SC13	5	6		3	13	12		2		20	2	15		8
<u>76115</u>	08SC13	6	7		3.9	18	13	0.3	3	67	29	3	21		8
<u>76116</u>	08SC13	7	8		3	28	43		3		28	3	31		7
<u>76117</u>	08SC13	8	9		3	33	32		2		22	3	26		7
<u>76118</u>	08SC13	9	10		4	21	40		3		22	3	19		6
<u>76119</u>	08SC13	10	11	4	6	25	39		4		20	2	22	32	10
<u>76120</u>	08SC13	11	12	4		28	71		5		69	6	33	31	11
<u>76121</u>	08SC13	12	13	2	1	20	97		4	11	79	6	29	19	11
<u>76122</u>	08SC13	13	14	2	1	17	48		4	13	57	4	24		8
<u>76123</u>	08SC13	14	15	3	2	24	39	3	9		70	5	16		9
<u>76124</u>	08SC13	15	16	3	1	24	57		4		74	4	10		11
<u>76126</u>	08SC13	17	18	7		46	55		5		86	6	29	12	11
<u>76127</u>	08SC13	24	25	1		17	123		2	10	84	8	36		14
<u>76413</u>	08SC13	26	27		0.5	14	58	0.1	1	54	87	11	29		8
<u>76128</u>	08SC13	29	30		4	17	123		1		80	10	25		10

<u>76414</u>	08SC13	32	33			1.1	59	165	0.6	1	36		75	27	117	64
<u>76129</u>	08SC13	34	35	2		5	58	129		3		14	71	19	115	49
<u>76130</u>	08SC13	39	40	1		3	29	176		3			76	15	51	31
<u>76415</u>	08SC13	42	43	0.3	2	3.6	40	141	0.3	2	44		71	19	73	51
<u>76131</u>	08SC13	44	45	7		4	38	154		3		14	69	13	43	73
<u>76132</u>	08SC13	49	50			1	36	116		2		11	69	13	56	33
<u>76133</u>	08SC13	54	55			3	36	128		4		10	67	11	53	51
<u>76134</u>	08SC13	59	60			4	36	174		4		11	66	10	51	65
<u>76135</u>	08SC13	64	65			6	37	171		3			61	15	49	46
<u>76136</u>	08SC13	69	70			6	23	82		6		15	60	12	56	54
<u>76137</u>	08SC13	74	75			15	33	198		10			54	13	50	98
<u>76138</u>	08SC13	79	80			10	16	312		8		11	58	9	43	54
<u>76139</u>	08SC13	84	85			9	15	532		7		11	58	12	43	52
<u>76140</u>	08SC13	89	90			9	14	364	2	6		14	59	10	46	55
<u>76416</u>	08SC13	92	93			8.3	12	317	2.2	5	27		51	22	40	46
<u>76141</u>	08SC13	94	95			7	9	333		4			58	12	42	39
<u>76142</u>	08SC13	99	100			6	14	429		6			56	12	42	54
<u>76417</u>	08SC13	102	103	0.4		8.1	24	404	1.2	5	38		56	19	44	54
<u>76143</u>	08SC13	104	105			7	29	379		6		12	55	12	42	52
<u>76144</u>	08SC13	109	110			7	11	314	5	5			52	10	41	39
<u>76145</u>	08SC13	114	115			5	10	402	2	5			53	12	36	51
<u>76146</u>	08SC14	1	2		10		14	145		2		11	36	5	22	8
<u>76147</u>	08SC14	2	3				12	56					25	4	9	2
<u>76148</u>	08SC14	3	4				15	43		1			28	4	12	5
<u>76149</u>	08SC14	4	5			3	8	7		4		11	25	2	13	11
<u>76150</u>	08SC14	5	6			3	12	20		4			23	2	14	11
<u>76151</u>	08SC14	6	7			5	13	19	2	6			23	2	17	12
<u>76152</u>	08SC14	7	8			4	12	20		5		11	25	3	18	14
<u>76153</u>	08SC14	8	9			3	14	43	3	4			30	3	15	11
<u>76154</u>	08SC14	9	10			1	10	75		5			76	7	22	10
<u>76155</u>	08SC14	10	11				12	90		4		11	119	10	25	10
<u>76156</u>	08SC14	11	12				12	75		4			137	9	22	10
<u>76157</u>	08SC14	12	13			1	12	64		5		30	58	5	27	20
<u>76158</u>	08SC14	14	15				12	50		5			83	7	29	18
<u>76159</u>	08SC14	20	21				11	51		4		11	91	9	26	12
<u>76160</u>	08SC14	25	26				13	44		4		12	93	9	24	14
<u>76162</u>	08SC14	35	36				18	69		2		11	80	11	48	9
<u>76163</u>	08SC14	40	41				21	59		3		14	71	11	50	9
<u>76164</u>	08SC14	45	46				29	71		1			72	12	82	12
<u>76165</u>	08SC14	50	51			3	27	83		4			62	9	56	28
<u>76166</u>	08SC14	55	56			3	24	135		4			66	17	62	36
<u>76167</u>	08SC14	60	61			0.9	98	79	0.4	7	45		55	19	47	101
<u>76168</u>	08SC14	65	66			11	12	351		8			56	8	43	71
<u>76169</u>	08SC14	70	71			9	18	413		6			56	14	42	53
<u>76170</u>	08SC14	75	76			8	14	467		6			60	23	43	53
<u>76171</u>	08SC14	80	81			8	10	356	3	6			50.52	11.15	39	52
<u>76172</u>	08SC14	85	86			1.7	164	404	1.1	5	34		52	12	44	55
<u>76173</u>	08SC14	90	91			7	13	385	2	6			48.5	11.09	43	47

76174 08SC14 95 96 6 12 356 2 4 50 11 39 45

Major oxides & additional trace elements

Sample #	Hole ID	From (m)	To (m)	Element	SiO2	TiO2	Al2O3	Fe2O3t	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Ba	F	Nb	Rb	Sr	Y
				Method	Fus/ XRFm	Fus/ XRF m	Fus/ XRFm	Fus/ XRFm	Fus/ XRF m	Fus/ XRF m	Fus/ XRFm	Fus/ XRFm	Fus/ XRFm	Fus/ XRFm	TGA	AT/ MS	DH/ SIE	AT/ MS	AT/ MS	AT/ MS	AT/ MS
				Detection	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.002	0.01	0.1	50	0.05	0.05	0.05	0.05
				Units	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	ppm	ppm	ppm	ppm	ppm	ppm
76266	08CC06	9	10		68.38	0.77	18.98	2.68	0.02	0.14	0.03	0.14	1.7	0.06		115.2		20.0	164	28	
76267	08CC06	10	11		71.6	0.7	18.05	0.98	0.00	0.08	0.02	0.17	2.38	0.082	5.45	214		22.91	186.7	54.34	86.81
76278	08CC06	46	47		73.72	0.36	12.69	3.2	0.01	0.36	0.19	1.08	6.45	0.122	1.58	439.9		14.02	449.5	39.89	38.07
76284	08CC06	64	65		75.23	0.19	12.57	1.58	0.01	0.13	0.13	1.63	7.28	0.05		282.1		9.3	429	37	
76401	08CC06	104	105		70.84	0.53	13.4	4.13	0.05	0.67	1.63	2.26	5.42	0.16		424.2		16.1	392	68	
76405	08CC06	177	178		71.73	0.4	13.86	3.75	0.05	0.43	0.77	2.83	5.39	0.12		312.9		29.8	665	41	
76342	08CC06	238	239		70.88	0.55	13.63	3.94	0.03	0.81	0.97	2.18	5.88	0.175	0.93	521.6		16.18	396.9	71.38	32.48
76345	08CC06	247	248		74.23	0.22	12.65	2.52	0.03	0.28	0.2	1.93	7.4	0.07		317.5		10.4	500	25	
76346	08CC06	250	251														4205				
76348	08CC06	256	257						0.03								2028				
76350	08CC06	262	263		70.34	0.52	13.32	3.89	0.03	0.79	0.76	2.12	5.84	0.169	1.16	545.3		15.58	354.1	56.11	39.05
76351	08CC06	265	266						6								1962				
76352	08CC06	268	269														2164				
76257	08CC07	51	52		70.78	0.56	13.84	4.01	0.05	0.71	1.74	2.29	5.53	0.177	0.9	487.4		17.46	394.6	73.8	32.77
76233	08CC08	49	50														1751				
76418	08SC10	21	22		71.67	0.59	15.14	2.2	0.01	0.34	0.05	0.13	5.35	0.05		447		16	410	57	
76419	08SC10	32	33		64.89	0.51	13.82	9.2	0.02	0.21	0.18	0.12	6.06	0.16		566		15	580	54	
76420	08SC10	93	94		70.37	0.59	13.42	4.78	0.04	0.95	0.74	2.01	5.41	0.18		471		17	372	63	
76031	08SC10	97	98		69.74	0.56	13.46	4.12	0.04	0.94	0.71	2.07	5.55	0.178	1.33	495	1604	18	363	57	36
76050	08SC11	24	25		70.79	0.7	19.99	0.94	0.00	0.02	0.02	0.04	0.45	0.032	6.89	62		28	78	12	11
76055	08SC11	49	50		71.02	0.67	16.68	2.79	0.02	0.3	0.04	0.1	4.46	0.107	4.27	562		21	860	76	89
76065	08SC11	99	100						2								1674				
76167	08SC14	60	61		72.35	0.56	14.41	2.42	0.01	0.31	0.15	0.42	5.78	0.18		741		18.1	554	183	
76172	08SC14	85	86		70	0.56	13.54	4.43	0.05	0.76	1.07	2.24	5.52	0.16		501		17.9	416	79	

Rare Earth Elements (REE)

<u>Sample #</u>	<u>Hole ID</u>	<u>From (m)</u>	<u>Element Method Detection Units To (m)</u>	La	Ce	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Yb	Lu
				AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS	AT/MS
				0.01	0.01	0.01	0.01	0.01	0.01	0.005	0.01	0.01	0.01	0.01	0.005
				ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
<u>76266</u>	08CC06	9	10	68.79	146.5	74	18.46	2.18	18.74	2.864	18.43	3.19	9.87	8.62	1.19
<u>76284</u>	08CC06	64	65	37.31	80.43	33	6.89	0.81	5.86	0.914	6.03	1.03	3.14	2.97	0.422
<u>76401</u>	08CC06	104	105	67.8	139.2	56	10.55	1.09	8.74	1.217	7.48	1.21	3.44	2.64	0.355
<u>76405</u>	08CC06	177	178	44.63	100.52	42	9.5	0.67	7.74	1.257	7.62	1.22	3.66	3.22	0.443
<u>76345</u>	08CC06	247	248	38.85	80.1	36	7.95	0.91	7.57	1.256	8.33	1.48	4.78	4.66	0.66
<u>76418</u>	08SC10	21	22	74.17	168.07	57	10.75	1.38	8.6	1.199	7.25	1.24	3.72	3.04	0.422
<u>76419</u>	08SC10	32	33	80.8	163.79	77	16.04	1.94	14.97	2.096	12.18	1.99	5.51	3.91	0.551
<u>76420</u>	08SC10	93	94	68.74	141.34	59	10.64	1.2	8.62	1.208	7.36	1.21	3.51	2.78	0.389
<u>76167</u>	08SC14	60	61	158.92	146.5	229	38.75	2.18	26.27	3.467	18.43	3.41	9.87	7.16	0.992
<u>76172</u>	08SC14	85	86	69.59	80.43	58	10.86	0.81	8.41	1.146	6.03	1.07	3.14	2.33	0.327

Appendix 3 - Rock chip assay results

Amdel Ltd analytical sample preparation and techniques

Sample preparation (PREP3,2)

For samples up to 3kg in weight, the samples will be dried to a core temperature of approximately 100°C. The total sample will be jaw crushed to a nominal 5mm particle size and then milled in a LM5 pulveriser to 90% passing 106µm. An analytical pulp of 250g will be taken from the bulk and the residue retained, where practical, in the original bag.

XRF1

XRF analysis by pressed powder. XRF determines total values and is suitable for the analysis of drill core, rocks, stream sediments and soils.

IC3E

A subsample of 0.2g of the analytical pulp is digested using a HF/multi acid digest and the solution is presented to an ICPOES for the quantification of the elements of interest.

IC4

A 0.1g subsample of the analytical pulp is fused with lithium metaborate followed by dissolution to give a "total solution". The solution is presented to an ICPOES for the determination of the elements of interest.

IC4M

A 0.1g subsample of the analytical pulp is fused with lithium metaborate followed by dissolution to give a "total solution". The solution is presented to an ICPMS for the determination of the elements of interest.

IC4R

A 0.1g subsample of the analytical pulp is fused with lithium metaborate followed by dissolution to give a "total solution". The solution is presented to an ICPMS for the determination of the elements of interest.

AA3

A subsample of 0.2g is digested in a mixture of hydrochloric acid, hydrofluoric acid, nitric acid and perchloric acid to effect dissolution of base metals. The resulting residue is bulked to volume with acid and quantified by AAS.

FA3E

A subsample of 40g of the analytical pulp is fused in a lead collection fire assay. The resulting prill is digested in aqua-regia and the gold content of the sample is determined by ICPOES.

Trace elements

Element	Ag	As	Au	Co	Cr	Cu	K	Li	Mn	Mo	Ni	P	Pb	S	Sn	Ta	Th	U	V	W	Zn	Zr
Method	IC3E	IC3E	FA4	IC3E	IC3E	IC3E	IC3E	AA3	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC4M	IC4M	XRF1	XRF1	IC3E	IC4M	IC3E	IC4M
Det. Limit	1	3	1	2	2	2	10	4	5	3	2	5	5	50	10	2	4	4	2	3	2	15
Units	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
U83001		4	6		4	14	42500	40	240		7	700	30		25	5	15	80	2	6	28	40
U83002			3		3	17	44400	15	120		4	800	25	50	20	5	15	75		4	14	55
U83003			3		3	60	47000	15	230		5	550	35	50	20	4	25	60	3	4	15	70
U83004		4	6		2	5	44700	45	175		4	600	30		30	5	15	50		4	20	40
U83005		14	10	8	305	3	25600	75	330		255	3600	30		15	7	20	90	125	8	60	175
U83006	1	16	82	45	700	11	5100	100	415		310	4300	295	200		8	20	4000	290	80	70	265
U83007		10	9	45	850	17	2700	105	375		250	4400	30			9	15	215	260	28	75	280
U83008		6	4	7	310		1300	35	255		185	2600	25			7	15	55	160	28	32	120
U83009	1	14	40	25	800	10	2900	70	405		365	3200	310			8	15	3600	295	80	65	235
U83010		10	6	38	650	11	1100	85	410		210	6100	30			6	15	145	210	14	65	305
U83011		36	6	19	950	315	415	20	325	14	115	3000	265	1100		7	15	700	185	75	245	175
U83012		18	15	90	1000	6	3700	90	450	4	375	5600	25	50		9	25	115	270	16	70	300
U83013		16	7		7	50	56700	25	50		6	600	30		15		55	30	17	4	42	125
U83014			10	7	11	16	35700	30	270		9	750	35				65	15	44		50	315
U83015		10	9	7	4	13	52900	35	280		4	1200	55				150	20	30		48	385
U83016		6	7	47	900	13	1000	80	430		200	4800	20			8	20	130	200	14	65	340
U83017			11		75	9	42400	70	285	8	43	750	10		40	7	15	45	5	10	14	60
U83018		6	10		3	32	54600	25	70		3	140	20	100	15	2	20	25	5	4	12	90
U83019		16	3	14	600	3	5500	85	465		465	2900	25			8	20	110	220	16	90	360
U83020		18	12	48	800	7	1600	80	290		460	2700	15	350		7	20	25	170	10	60	150
U83021		30	4	4	250	265	2500	25	95	4	45	1400	10	50		3	5	130	85	14	25	95
U83022		10	6	23	750	44	2600	95	325		360	5600	15	50		6	15	105	185	20	200	210
U83024		6	7	2	5	18	62100	25	95		15	350	20		15	4	25	50	9	10	17	80
U83025		32	7	15	800	240	650	15	600	10	80	2600	210	1200		7	15	550	190	55	165	200
U83026		75	48	25	280	315	3300	30	390	10	55	2600	115	200		3	5	600	75	20	120	55
U83038				3		8		30			3		20		25	4	25	40		6	23	80
U83039				5		7		15			5		25		20	5	20	55		6	19	55
U83040				3		70		10			2		20	50	15	5	15	40		4	19	50
U83042				5		11		20			6		20		20	4	25	35		6	20	85
U83044				50	900	900		45			455		10			8	20	20	335	28	1300	450
U83045				5		7		40		12	4		50	50	20	3	55	430		18	42	110
U83046		14		11		19		25			12		65				265	25	30		65	290
U83051		4		7		12		20			7		40	100	10	2	55	20		4	40	220
U83052				4		10		25			5		10		25	3	20	50		4	10	50
U83053		10		22	600	4		80		4	330		15	150		6	15	125	250	30	55	260
U83054				7		5		15			12		15		15	3	25	20			13	70
U83055		12		34	1400			35			345		15	100		5	20	100	155	65	32	195
U83056		6		15		6		20		4	65		15		15	3	25	60		4	21	70
U83057				6	110	35		25			35		15		25	4	25	30		8	11	75

Major oxides & additional trace elements

Element	SiO2	TiO2	Al2O3	Fe2O3t	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Ba	Rb	Sr	Nb	Y
Method	IC4	IC4	IC4	IC4	VOL1A	IC4	IC4	IC4	IC4	IC4	IC4	GRAV7	IC4M	IC4M	IC4M	IC4M	IC3E
Det. Limit	0.01	0.005	0.01	0.01	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01A	10	0.5	5	15	1
Units	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	wt%	ppm	ppm	ppm	ppm	ppm
U83001	74.6	0.075	13.3	1.71	1.1	0.03	0.2	0.17	2.58	5.38	0.16	1	185	800	25		17
U83002	75.7	0.055	13.1	1.34	0.7	0.02	0.13	0.22	2.33	5.39	0.19	1.06	80	700	15		20
U83003	76	0.09	11.8	1.69	0.9	0.03	0.13	0.12	1.75	5.8	0.12	1.2	115	700	15		25
U83004	76.9	0.07	12.9	1.38	0.9	0.03	0.15	0.26	2.58	5.36	0.14	1.05	60	800	15	15	14
U83005	67.2	1.445	9.74	11.5	1.3	0.04	0.78	0.97	1.34	3.01	0.88	2.76	130	425	205	80	39
U83006	54.4	4.21	6.85	24.3	3.1	0.06	1.36	1.11	0.02	0.59	1.08	4.55	750	65	600	130	175
U83007	59.6	5.78	7.26	17.4	3.5	0.05	1.32	1.04	0.02	0.33	1.12	5.78	410	60	125	145	70
U83008	45.2	3.715	3.6	42.9	1.6	0.03	0.59	0.51	0.01	0.15	0.68	2.59	60	21.5	195	120	34
U83009	33.7	3.945	6.02	47.1	3.5	0.05	1.56	0.81	0.02	0.34	0.86	4.36	320	45	300	135	195
U83010	66.6	2.875	6.26	14.1	5.8	0.05	1.14	1.68	0.02	0.11	1.52	4.25	115	9	165	135	70
U83011	44.7	2.555	5.67	36.2	0.1	0.04	0.12	0.42		0.03	0.75	8.1	255	8	125	130	46
U83012	57.9	3.445	8.43	17.6	5.9	0.05	1.51	0.97	0.02	0.44	1.37	5.94	395	49	420	165	85
U83013	75.5	0.245	11.5	1.6	0.7		0.16	0.09	0.1	7.12	0.13	1.46	325	650	35		30
U83014	73.6	0.56	11.4	3.65	2.5	0.03	0.71	1.45	1.68	4.17	0.16	0.96	550	340	75		25
U83015	66.5	0.58	15.8	4.09	2.8	0.04	0.8	2.03	2.33	6.41	0.28	1	950	445	115		75
U83016	67.1	3.365	6.29	14.3	6.1	0.06	1.17	1.37	0.02	0.12	1.22	3.95	90	15	135	130	65
U83017	76.3	0.1	12.7	1.83	0.7	0.04	0.19	0.12	1.38	5.18	0.18	1.7	35	900	5	20	10
U83018	81.4	0.09	9.3	0.92	0.5		0.11	0.05	0.09	6.86	0.03	0.74	220	600	15		16
U83019	61.5	2.74	5.95	21.8	2	0.06	1.27	0.64	0.01	0.63	0.75	4.32	155	47.5	280	125	55
U83020	72.6	2.42	5.01	11.2	2.3	0.04	1.3	0.49	0.02	0.19	0.66	4.12	250	34.5	200	90	38
U83021	78.9	1.49	3.53	10.9	0.7	0.01	0.12	0.07	0.01	0.3	0.33	3.19	205	50	40	35	125
U83022	67.1	2.285	7.35	13.1	2.8	0.04	1.39	1.31		0.28	1.38	5.62	305	41.5	170	105	60
U83024	74.7	0.11	11.5	2.58	0.6	0.01	0.34	0.09	0.21	7.78	0.08	1.44	600	750	30		16
U83025	52.6	2.68	5.19	30.9	0.4	0.08	0.11	0.48	0.01	0.12	0.66	7.24	335	12	160	130	44
U83026	71.4	0.425	3.87	17.6	0.7	0.05	0.11	0.13	0.01	0.4	0.64	4.12	215	85	95	25	85
U83038	76.2	0.135	12.5	2.07	0.7	0.02	0.22	0.47	1.98	5.31	0.12	1.86	90	650	40	10	29
U83039	73.9	0.1	13.1	2.04	1.3	0.05	0.19	0.5	2.44	5.5	0.09	1.62	90	800	25	10	80
U83040	74.3	0.08	12.8	1.67	0.9	0.02	0.13	0.29	2.11	6.23	0.13	1.27	100	800	10	15	31
U83042	75.6	0.145	12.4	2.39	1.4	0.05	0.25	0.36	2.27	5.17	0.13	1.67	240	550	30	10	33
U83044	57.8	5.34	7.47	15.1	2.9	0.16	3.31	1.76	0.05	0.82	1.19	5.61	110	23.5	135	130	44
U83045	75.9	0.16	12	2.33	1.8	0.04	0.18	0.49	2.41	4.1	0.17	1.16	75	500	25	10	140
U83046	66.5	0.7	15.6	4	3.2	0.05	0.88	1.34	1.96	7.25	0.31	1.15	800	435	100	15	85
U83051	72.9	0.37	13.2	3.27	1.9	0.03	0.36	0.58	2.34	6.14	0.14	1.21	600	485	50	15	46
U83052	74.6	0.08	12.7	1.73	0.6	0.02	0.39	0.05	0.09	8.11	0.03	1.52	500	950	10	10	19
U83053	66.1	4.265	6.55	12.3	3.7	0.06	1.82	1.31	0.03	0.61	0.75	4.53	450	70	120	80	39
U83054	75.5	0.105	10	4.97	0.6	0.02	0.47	0.06	0.09	5.64	0.24	2.33	205	650	10		38
U83055	49.2	2.32	5.04	36.3	1.2	0.03	0.68	0.64		0.39	0.65	4.39	100	39	30	115	55
U83056	71.3	0.105	10.8	5.01	0.9	0.02	0.47	0.29	0.14	6.47	0.11	2.43	395	650	15		21
U83057	73.2	0.23	12.8	3.92	0.9	0.01	0.56	0.12	0.09	6.87	0.14	2.39	250	850	25	15	43

Rare Earth Elements

Element	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Method	IC4M	IC4M	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R	IC4R
Det. Limit	1	1	1	0.5	0.5	0.5	1	0.5	0.5	0.5	1	1	1	0.5
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
U83001	13	25	3	11.5	3		3	0.5	4.5	1	3		2	
U83002	10	20	3	9	3		3	1	5.5	1	3		3	0.5
U83003	19	42	5	18	5		5	1.5	8	1.5	5		5	1
U83004	10	22	3	9	2.5		3	0.5	4.5	1	3		3	0.5
U83005	95	190	23	85	15	2.5	11	1.5	8.5	1.5	4		4	0.5
U83006	95	215	36	150	65	10	40	13	65	10	25	4	26	3
U83007	60	115	15	55	11.5	2	10	2	12.5	2.5	9	2	11	2
U83008	115	225	28	110	30.5	6.5	22	3.5	10.5	2	4	1	2	1
U83009	110	245	39	155	60	9.5	39	11.5	60	9	23	3	20	2
U83010	155	275	32	115	20	3	15	2.5	12	2.5	7	1	9	1.5
U83011	95	180	23	90	18	2.5	13	2	10.5	2	6	1	7	1
U83012	270	445	60	220	37.5	4	25	3	14.5	3	9	1	9	1.5
U83013	65	135	16	55	11	0.5	8	1.5	7	1	3		2	
U83014	85	175	19	70	12.5	1.5	10	1.5	7	1	3		1	
U83015	235	375	49	175	32.5	3.5	26	4	18	3	7		3	0.5
U83016	160	280	37	120	23.5	7.5	18	7.5	16	7	13	6	14	6.5
U83017	11	24	3	9.5	2.5		2	0.5	3.5	0.5	2		2	
U83018	30	46	8	27	6		5	1	5.5	1	3		3	
U83019	160	320	37	135	23	4	17	2	10.5	2	5		4	0.5
U83020	185	350	41	150	23	3	15	1.5	7	1	4		2	
U83021	43	60	7	24.5	5.5	1	9	2.5	16	3.5	10	2	10	1.5
U83022	135	255	31	115	20.5	3.5	14	2	10.5	2	6		7	1
U83024	21	41	5	18.5	4.5		4	1	6.5	1.5	4		4	0.5
U83025	105	200	26	95	20	2.5	13	2	10	2	6		7	1
U83026	43	95	11	40	9.5	2	10	2.5	13	2.5	7	1	7	1
U83038	12	26	4	13.5	3.5		4	1	5	1	3		4	0.5
U83039	25	50	9	32	9	1	11	2	13.5	2.5	8	1	8	1.5
U83040	16	31	4	13	3		4	0.5	5	1	3		4	0.5
U83042	23	50	6	22	4.5		5	1	5.5	1	3		3	
U83044	65	115	12	45	8	1.5	8	1	6.5	1.5	4		4	0.5
U83045	33	80	9	31	8.5		13	3	20	4.5	14	2	16	2.5
U83046	300	600	65	220	37	2	35	4	18.5	3	7		4	
U83051	60	120	14	49	10	1	10	1.5	8.5	1.5	5		4	0.5
U83052	4	10	1	5	2.5		3	0.5	4	1	2		2	
U83053	65	110	14	50	9	2	10	1.5	7	1.5	4		4	0.5
U83054	24	48	6	20	4.5	0.5	5	1	6	1	4		4	0.5
U83055	190	340	42	150	24	3.5	19	2	9.5	1.5	5		4	0.5
U83056	46	105	12	40	8	1	7	1	4.5	0.5	2		3	
U83057	27	49	6	21.5	5	0.5	6	1	6.5	1.5	4		4	0.5

Appendix 4 - QEMSCAN report summary

Modes of Analyses

BMA analysis

BMA is a linear method. Each block is scanned in the X direction, with the Y-direction line spacing being set such that each particle is intersected once. As the entire block is scanned, this produces an extremely high statistical population – with the random alignment of the particles ensuring appropriate sampling.

All information listed below is available from this mode of measurement. The new Intellection processing software, iExplorer, now enables liberation and locking information to be extrapolated from this form of analysis method.

- Modal Mineralogy
- Grain Size Estimation
- Elemental Department
- Mineral Associations
- Liberation (*area % only*)
- Locking (*area % only*)
- Size-by-size elemental & mineralogical reconciliation

This is a good analysis method for low grade species, as the intercept statistics are higher.

TMS and SMS analyses

TMS & SMS are particle analysis methods, which only analyse a pre-set subpopulation of the particles present. They are based on the premise that the phases of primary interest (ie target phases) have a higher back-scattered electron brightness than the bulk of the gangue phases.

This enables each block to be scanned for particles containing the target phase(s), and only those of interest are fully analysed. As the entire block is scanned, this also produces the highest possible statistical population for the trace phase.

All information listed below is available from this mode of measurement, but relates only to the subpopulation analysed. This is a particularly good analysis method for determining losses of sulphides and precious metal phases to silicate-rich tails.

- _ Modal Mineralogy
- _ Grain Size Estimation
- _ Elemental Department
- _ Mineral Associations
- _ Liberation (*area % and surface area %*)
- _ Size-by-size elemental & mineralogical reconciliation

SMS and TMS differ, only on the basis of bright-phase content. E.g. if bright phases are ~ >1%, SMS is applied, if bright phases are ~<1%, TMS is used.

Recommended for good statistics on the trace phases.

Field Scan analysis

The Field Scan (FS) mode of measurement maps a rock chip or core sample that has been mounted in the polished section. It collects a chemical spectrum at a set interval within the field of view. Each field of view is then processed offline to generate a single integrated image and a false-colour image of the core sample is produced.

EXECUTIVE SUMMARY

Seven rock samples with elevated scintillometer readings were submitted to the SGS Advanced Mineralogy Facility in Brisbane for mineralogical investigation. The client was particularly interested in information on the uranium-bearing minerals in the samples.

It should be noted that, in most cases, only a single fragment, with a maximum dimension of about 30mm, was selected for mineralogical investigation. This fragment is unlikely to be representative of the entire sample and it is recommended that any further mineralogical work be carried out on a larger number of fragments.

The results show that the two porphyry samples (83003 and 83004) are mainly composed of quartz, feldspars and sericite. The four ironstone samples (83006 to 83009) are composed of variable proportions of quartz, sericite, chlorite and iron and/or titanium oxides. The dominant minerals in the altered granite sample (83023) are quartz, K-feldspar and kaolinite.

Although high resolution analyses were carried out on the samples, no classical, discrete, uranium-rich minerals (such as uraninite, autunite and coffinite) larger than a few micrometres were detected. Of these discrete uranium minerals, brannerite, apparently with a relatively high iron content, is the most common.

Trace amounts of REE-bearing minerals were detected in all of the samples. Semi-quantitative analyses of a large number of points on these REE minerals show that some contain uranium at levels ranging between 1 and 30 mass percent. It appears that titanium-iron-oxide phases associated with the REE-bearing phases may also have uranium contents of up to 5 mass percent.

Most of the uranium-bearing minerals that were detected in the samples have complicated chemistries and display very complex textural relationships with the associated minerals such as clays and micas. The presence of these complex intergrowths makes unambiguous identification of the minerals and their uranium contents very difficult.

Due to the complex mineralogy and textures of the uranium-bearing minerals, it is not possible to provide quantitative uranium deportment data. However, it is possible that the titanium-iron-oxide type minerals host the bulk of the uranium with most of the balance hosted by the uranium-bearing REE minerals. Detailed microprobe work will need to be done to confirm the observation made during this investigation.

Appendix 5 - Soil geochemical survey results

Amdel Ltd analytical sample preparation and techniques

Sample preparation (PREP2)

For samples up to 3kg in weight, the samples will be dried to a core temperature of approximately 100°C. The total will then be milled in a LM5 pulveriser to 90% passing 106µm. An analytical pulp of 250g will be taken from the bulk and the residue retained, where practical, in the original bag.

IC3E

A subsample of 0.2g of the analytical pulp is digested using a HF/multi acid digest and the solution is presented to an ICPOES for the quantification of the elements of interest.

IC3M

A subsample of 0.2g of the analytical pulp is digested using a HF/multi acid digest and the solution is presented to an ICPMS for the quantification of the elements of interest.

Geochemical Analysis Report: Sample Data and Detection Limits																										
Sample	Easting	Northing	Element	Cr	Cu	Ni	P	S	Ti	V	Ag	As	Ce	Co	La	Nb	Pb	Sm	Sb	Sn	Ta	Th	U	Y	Zn	Zr
			Method	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3E	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M	IC3M
			Det. Limit	2	2	2	10	50	10	2	0.1	0.5	0.5	0.2	0.5	0.5	0.5	0.1	0.5	0.1	0.5	0.1	0.1	0.1	0.5	0.5
			Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
900001	741800	7540800		15	13	9	270	50	2000	26	0	4	65	4	34.5	8	19	4.9	0	5.5	1.5	21.5	7.5	13.5	17	80
900002	741800	7540820		37	13	10	305	0	1900	21	0	3.5	80	2.8	41.5	8	17.5	5.5	0	5.5	1.5	24.5	6.5	12	15.5	80
900003	741800	7540840		28	11	9	250	100	1900	25	0	3.5	70	3.6	35	8.5	16.5	4.9	0	6.5	1.5	20	7.5	13	18	80
900004	741800	7540860		19	13	9	265	50	1900	23	0	3.5	65	3.4	33	8	16.5	4.6	0	6	1.5	19	9.5	12	16.5	75
900005	741800	7540880		14	10	9	215	50	1800	21	0	4	65	3.4	33.5	8.5	16.5	4.7	0	7	1.5	20	10	12.5	16.5	80
900006	741800	7540900		17	12	8	250	0	1900	22	0	4.5	70	3.8	41.5	9.5	17.5	6	0	7.5	2	25	12.5	13	14.5	85
900007	741800	7540920		11	11	8	255	0	1800	21	0	4.5	70	4.2	34	9.5	17.5	5	0	8	2	22	12.5	12.5	16.5	80
900008	741800	7540940		14	12	8	260	50	1500	18	0	4.5	65	3.6	33	9	16.5	4.9	0	8	2	20.5	11.5	12	16	75
900009	741800	7540960		10	13	8	250	50	1600	19	0	4.5	65	4.4	32	10.5	17	4.8	0	10.5	2.5	21	13	13	20.5	80
900010	741800	7540980		14	23	8	315	50	1400	16	0	4	60	4.2	30	11	16.5	4.1	0	12	2.5	19.5	13.5	12.5	16.5	70
900011	741800	7541000		7	11	6	315	50	1300	15	0.2	8.5	60	3.2	28.5	13	21	4.5	0	14	3	21	19.5	13.5	23	75
900012	741800	7541020		11	9	6	390	0	1200	14	0	3	55	2.8	25	12	19.5	4	0	13	3	19	15	14	17.5	80
900013	741800	7541040		7	10	5	315	0	1100	13	0	4.5	65	3.4	25	14.5	20	4.2	0	17	3.5	20	18.5	14.5	19	75
900014	741800	7541060		14	10	6	280	0	1200	14	0	3	55	3	27.5	11	15	4.1	0	12	2.5	18	12	12	15.5	70
900015	741800	7541080		9	11	7	325	0	1300	16	0	5	48.5	3.4	23	11.5	17	3.5	0	12.5	2.5	15	13	12	17.5	70
900016	741800	7541100		20	13	15	320	0	2000	20	0	3.5	60	5	28	16.5	17	4.3	0	14	3	19	14	14.5	22.5	90
900017	741800	7541120		7	7	6	320	50	1300	14	0	5	48.5	2.6	23	12.5	17	3.6	0	14	3	17	14	12	20.5	70
900018	741800	7541149		14	11	12	365	0	1500	17	0	3.5	55	4.4	26	15.5	15	4	0	16.5	4	19	18.5	13.5	23	80
900019	741800	7541160		23	17	12	395	50	1300	15	0.3	3	55	6	26.5	13	15	4.1	0	14.5	3.5	18	14.5	14	19	70
900020	741800	7541180		16	15	9	300	50	1400	17	0	3.5	55	6	28	13	14.5	4.3	0	14	3.5	17.5	13.5	14	18.5	75
900021	741800	7541200		11	15	10	325	50	1400	17	0	3	60	5.5	31	12.5	14.5	4.4	0	12.5	3	19	15.5	13	17	70
900022	741800	7541220		22	11	11	315	50	1700	19	0	3	65	4.8	32	13	14	4.7	0	12	3	20	14.5	13.5	17.5	85
900023	741800	7541240		16	13	10	245	50	1800	20	0	3	65	4	34	11.5	14	4.9	0	10.5	2.5	22	11.5	13	18.5	80
900024	741800	7541260		13	10	9	280	0	1100	14	0	2.5	42.5	3	21	11	14	3	0	12.5	3	14.5	11.5	9	15.5	60
900025	741800	7541280		24	12	11	285	50	1800	21	0	3	60	3.8	30.5	10.5	14	4.5	0	9	2.5	18.5	9.5	13.5	18.5	80
900026	741800	7541300		16	17	10	220	50	1800	22	0	2.5	60	3.4	32	10.5	14.5	4.6	0	9.5	2.5	19	10	13.5	20	85
900027	741800	7541320		15	10	9	225	50	2000	24	0	3.5	75	3	36.5	12	15	5	0	9.5	3.5	21.5	10	13.5	19.5	85
900028	741800	7541340		22	11	10	265	50	2000	24	0	3	65	3.2	31.5	10.5	15	4.8	0	8.5	2.5	24.5	10	13	19	80

900029	741800	7541360	15	11	9	270	0	1900	23	0	3	60	3.2	29	10.5	15	4.2	0	9.5	2.5	18	9	12	18	80
900030	741800	7541380	14	10	9	255	50	1700	23	0	2.5	50	3	26	9.5	15.5	3.8	0	10	2	16.5	8.5	11.5	20	70
900031	741800	7541400	14	10	9	280	50	1800	23	0	3	55	3.4	26.5	9.5	15	3.8	0	9.5	2	18	8.5	11.5	19	70
900032	742000	7540800	21	20	8	205	50	1800	22	0	4.5	60	4	31.5	8	18	4.6	0	6	1.5	19.5	7.5	14	17	80
900033	742000	7540820	14	10	8	245	50	1800	22	0	5.5	65	3.6	34	8.5	18.5	5	0	7.5	1.5	21.5	8.5	14.5	16.5	85
900034	742000	7540840	12	12	8	205	50	1800	23	0.1	7.5	70	3.2	35	9.5	20	5.5	0	8.5	2	24.5	11	17	21.5	95
900035	742000	7540860	26	14	10	245	0	1800	21	0	9	75	3.6	38	9.5	19.5	5.5	0	8.5	2	25.5	11	18	18.5	105
900036	742000	7540880	11	15	7	260	50	1500	18	0.1	11	65	3.6	31.5	9	21.5	4.7	0	9.5	2	21	11.5	14.5	18	85
900037	742000	7540900	15	12	7	245	0	1600	19	0	15.5	85	4.4	41.5	9.5	25	6	0	9.5	2	26	13	17	25.5	110
900038	742000	7540920	26	15	7	260	50	1500	18	0	10	70	4.6	33.5	9.5	21	5	0	10	2	21	11	15	17.5	90
900039	742000	7540940	15	11	7	305	0	1600	19	0	9	70	4.8	35	11	21.5	5.5	0	11	2	23	13.5	17.5	18.5	100
900040	742000	7540960	16	13	9	270	100	1700	20	0	6	80	6.5	38	11	20.5	5.5	0	11	2	23	12	17	20	95
900041	742000	7540980	16	15	9	270	0	1500	21	0	5	55	5.5	27.5	10.5	17	3.8	0	12.5	2.5	18.5	12.5	12	21	80
900042	742000	7541000	27	14	7	325	100	1300	16	0	3	55	3.6	27.5	9.5	16	3.8	0	13	2	16	9.5	12.5	19	70
900043	742000	7541020	11	16	6	275	0	1500	17	0	2.5	60	3.6	27.5	11	19	4.7	0	13	2.5	21.5	13.5	16	27	85
900044	742000	7541040	8	13	5	320	0	1300	14	0.1	2	55	3.2	26.5	10.5	18	4.7	0	14	2.5	20	11.5	16.5	28.5	70
900045	742000	7541060	16	10	6	280	0	1300	15	0	2.5	50	3.2	24.5	10.5	18	4.4	0	14.5	2.5	18.5	12.5	14.5	34	70
900046	742000	7541080	9	9	5	250	0	1200	13	0.2	2	50	2.8	25	9.5	18.5	4.4	0	13	2.5	20	12	13	25	65
900047	742000	7541100	17	12	7	270	0	1400	18	0.1	3	55	3.4	27	10.5	16	4.7	0	12.5	2.5	20	13.5	15	26	75
900048	742000	7541120	10	9	6	255	0	1500	17	0.1	3	60	3	28	10.5	17	5	0	12	2.5	22.5	14	15.5	25.5	80
900049	742000	7541140	12	9	6	285	0	1000	13	0	4.5	55	3.4	23.5	10.5	19	4.3	0	13.5	2.5	21	14.5	13	20.5	65
900050	742000	7541160	16	9	7	260	0	1500	17	0	3	60	3.6	26	10.5	17.5	4.6	0	11.5	2.5	21	14.5	15	21	80
900051	742000	7541180	11	10	5	195	0	1400	16	0	3.5	60	2.4	28	9.5	15.5	4.9	0	11.5	2.5	22	14	13.5	17	80
900052	742000	7541200	18	10	7	265	0	1500	19	0	4	55	3.4	25	9	15.5	4.5	0	11	2	19.5	13	13	17	75
900053	742000	7541220	19	9	12	215	0	1700	24	0.1	3.5	44	3.6	22	9	13.5	3.8	0	8	2	15	9	11	20	65
900054	742000	7541240	33	34	20	220	100	3100	35	0.1	4	85	6.5	39.5	12.5	14	6.5	0	6.5	1.5	24	9	15	30	95
900055	742000	7541260	38	26	15	295	0	2500	32	0.1	3.5	80	4.6	38.5	10	15	6	0	4.3	1	21	8	12.5	37	80
900056	742000	7541280	13	12	9	220	0	2000	24	0.1	2.5	70	4.4	32	9.5	14	5.5	0	7.5	2	21.5	9	14	27	80
900057	742000	7541300	23	14	11	235	0	1900	25	0.2	3	60	4.4	28.5	9	15	4.8	0	8	2	18.5	8.5	13	25.5	75
900058	742000	7541322	11	10	8	285	0	1700	22	0.1	2.5	50	3.2	25.5	8.5	15	4.2	0	8	1.5	17.5	7.5	11	19	75
900059	742000	7541340	20	10	9	260	0	1500	20	0	2	37	2.4	19	7.5	14.5	3.2	0	8	1.5	13	6	9.5	17.5	60
900060	742000	7541360	18	13	11	225	0	2100	30	0	3	65	4	31.5	10	16	5.5	0	8.5	2	20.5	8.5	14.5	24.5	90
900061	742000	7541380	27	14	11	255	0	1700	25	0	3	44.5	3.6	22	7.5	14	3.7	0	6.5	1.5	14.5	7	11	21.5	65

900062	742000	7541400	26	15	13	240	0	2300	32	0	3.5	55	4.6	28.5	9.5	16.5	4.8	0	8	2	18.5	8.5	14	26	85
900063	742200	7541500	15	15	11	190	50	2000	27	0	2.5	49	4.6	24	8.5	15	4.2	0	7	1.5	15	5.5	13	23	70
900064	742200	7541480	14	9	10	235	0	1800	24	0	2.5	45.5	3.4	23	7.5	14	3.8	0	6	1.5	14.5	5	11.5	21	70
900065	742200	7541460	15	13	11	225	0	2000	26	0	2	49.5	3.6	25	8.5	14.5	4.1	0	8	1.5	16	5.5	12	20.5	75
900066	742200	7541440	17	11	10	255	0	1900	24	0	2	49.5	3.6	25.5	8.5	14.5	4.2	0	8.5	2	16.5	6	11	19.5	70
900067	742200	7541420	21	11	9	230	0	1600	19	0	2.5	49.5	3.2	24.5	8.5	13.5	4.1	0	8	2	16	6.5	10.5	17.5	65
900068	742200	7541400	13	9	10	215	50	1700	22	0	2.5	50	3.4	25.5	9	13.5	4.2	0	9.5	2	17	7.5	11	19	70
900069	742200	7541380	19	15	12	240	50	2000	25	0	2.5	65	3.8	30.5	10	13.5	5	0	8	2	19.5	8	12.5	21.5	80
900070	742200	7541360	32	16	13	215	0	2100	24	0	2	50	4.6	26	10	12.5	4.4	0	8	2	17	8	12	18	75
900071	742200	7541340	12	7	7	250	0	1700	19	0	1.5	60	2.6	28	9.5	14	4.7	0	10	2.5	20.5	7.5	11.5	18	75
900072	742200	7541320	11	13	8	355	50	1900	22	0	2	65	3.8	30.5	12	15.5	5	0	13.5	3	21	11.5	14	22	80
900073	742200	7541300	16	11	9	270	0	1700	19	0	2	55	3	26	10	13	4.5	0	10.5	2.5	19	9	13	19.5	75
900074	742200	7541280	13	14	10	350	0	1900	22	0.1	2	65	3.8	30.5	12	14.5	5	0	13.5	2.5	21.5	12	15	27.5	80
900075	742200	7541260	12	9	11	350	0	1700	19	0	2.5	55	4.4	26.5	11.5	14.5	4.7	0	12.5	2.5	19.5	11	14	24.5	75
900076	742200	7541240	16	17	8	465	0	1600	19	0.1	1.5	55	3.2	27	12	16.5	4.8	0	15	3	20.5	11	15	30	80
900077	742200	7541220	11	17	9	385	100	1600	20	0	1.5	65	3.2	32.5	12	18	4.8	0	14	3	21	11.5	15	34	80
900078	742200	7541200	12	10	7	360	0	1500	17	0	2	50	3	26.5	12	17	4.8	0	16	3	21	12.5	15.5	26.5	75
900079	742200	7541180	19	10	7	410	0	1400	16	0	2	46.5	2.4	23.5	10.5	16.5	4.1	0	12.5	2.5	18.5	10.5	14	22.5	75
900080	742200	7541160	18	44	8	370	50	1400	17	0	1.5	47.5	2.8	24.5	9	15.5	4.1	0	10	2	16.5	10	12	22.5	65
900081	742200	7541140	12	38	7	325	0	1500	17	0	2	55	3.6	27	9	16	4.5	0	8.5	1.5	18	10.5	13	19.5	70
900082	742200	7541120	15	19	9	300	50	1800	24	0.1	3	65	5	29.5	8.5	17.5	4.9	0	7.5	1.5	20	10.5	14	20	85
900083	742200	7541100	23	21	10	220	50	1800	20	0	2	60	3.4	30	8.5	16	5	0	7.5	1.5	21	8.5	14.5	18	90
900084	742200	7541080	15	16	9	255	0	2000	22	0	2	65	3.4	31.5	9	17	5.5	0	8	1.5	23	9.5	14.5	19	95
900085	742200	7541060	28	8	8	345	0	2100	23	0	2	65	4.8	30	9.5	18.5	5	0	9.5	2	23.5	11	15	20	90
900086	742200	7541040	13	5	7	380	0	2100	21	0	2	70	4.2	30.5	10	18.5	5.5	0	10	2	25	10	16	22	85
900087	742200	7541020	41	18	21	430	0	3600	35	0	6	85	7	37.5	13.5	15	6	0	7	2	24	8.5	15.5	25.5	100
900088	742200	7541000	11	10	7	410	0	2000	21	0	2.5	75	6	31.5	10.5	19	5.5	0	13	2	23.5	9	16.5	20	95
900089	742200	7540980	26	7	7	395	0	1900	20	0	2	70	4.8	32	9	18.5	5.5	0	9.5	1.5	22.5	8	14	21	90
900090	742200	7540960	16	4	6	330	0	1900	20	0	2	70	4	33	8.5	17	5.5	0	9	1.5	23	9	13	15.5	90
900091	742200	7540940	25	6	7	355	0	1900	22	0.1	3.5	75	4.2	34.5	7	22	5.5	0	6.5	1.5	23.5	8	11.5	17	75
900092	742200	7540920	15	0	6	365	0	1700	19	0	2.5	60	3.6	29.5	6.5	16.5	4.8	0	5.5	1	20.5	7	10.5	16	85
900093	742200	7540900	35	7	8	370	0	2200	25	0	3.5	75	4	35	8	18.5	5.5	0	6	1.5	23	7	12.5	22	85
900094	742400	7541000	13	11	7	340	0	2200	24	0	2.5	80	3.8	35.5	8.5	17	6	0	8	1.5	25	10	16.5	23	85

900095	742400	7541020	33	18	10	330	50	2200	26	0	3	65	4.8	31	9.5	17	5.5	0	9	1.5	22.5	14.5	17.5	22.5	90
900096	742400	7541040	14	10	8	270	0	1800	24	0	5	60	5.5	26.5	8.5	17	4.8	0	8.5	1.5	20.5	8	16	27	85
900097	742400	7541060	22	10	9	340	0	2000	24	0	4	65	3.8	31	7.5	17.5	5.5	0	7.5	1.5	22	6.5	15.5	27.5	85
900098	742400	7541080	13	5	8	345	0	2300	26	0	2.5	60	3.8	30	8	18	5.5	0	7.5	1.5	21.5	7	16.5	28	90
900099	742400	7541100	20	7	9	360	0	1900	24	0.2	2.5	50	3.8	25	8	19	4.3	0	8.5	1.5	18	7	14.5	24.5	70
900100	742400	7541120	11	0	6	320	0	1900	22	0	3	49	3.2	24.5	7.5	19.5	4.1	0	7	1.5	18	7	12.5	21	70
900101	742400	7541140	13	2	7	355	0	1900	24	0	1.5	49.5	3.8	24	8.5	17.5	4.3	0	8	1.5	18	7.5	13.5	22.5	70
900102	742400	7541160	32	8	8	300	0	2000	25	0	2.5	50	3.6	25.5	8	17	4.3	0	8.5	1.5	18.5	8	14	26	75
900103	742400	7541180	10	6	7	335	0	1900	23	0	2.5	60	3.8	28.5	8	17	4.8	0	8.5	1.5	20.5	9.5	14.5	26	70
900104	742400	7541200	16	8	8	385	0	2000	25	0	1.5	55	3.4	28.5	8	17.5	4.9	0	7.5	1.5	20.5	8.5	15	24.5	75
900105	742400	7541220	10	0	7	390	0	2000	25	0	2.5	50	3.8	25.5	8	17	4.2	0	8	1.5	18.5	9	14	22.5	70
900106	742400	7541240	17	4	7	400	0	1900	26	0	1.5	48	3.6	22	9	18.5	3.9	0	10	2	19.5	10.5	11.5	19.5	70
900107	742400	7541260	9	2	6	370	0	2100	23	0.1	2.5	65	4.2	31	11	18	5.5	0	11	2	24	10.5	16.5	22.5	85
900108	742400	7541280	18	3	9	320	0	2200	24	0	2	70	4	30	10.5	17.5	5	0	11	2	23.5	9	17	25	85
900109	742400	7541300	9	3	6	250	0	1800	22	0	1.5	48	3.8	23.5	10	17.5	4.2	0	11.5	2	19	8.5	14.5	21.5	75
900110	742400	7541320	10	0	6	335	0	1800	23	0	1.5	42	2.2	21	9	15.5	3.4	0	9	2	16	5.5	10.5	20	65
900111	742400	7541340	21	2	7	315	0	2000	24	0	2	55	3.6	26.5	9.5	15.5	4.4	0	9	2	18.5	6	12.5	19.5	75
900112	742400	7541360	15	0	9	280	0	1600	19	0	1.5	46.5	2.4	23	8.5	15	3.6	0	9	2	16.5	5	9	16.5	60
900113	742400	7541380	38	13	15	285	0	2600	31	0	2.5	70	4.8	32.5	12	16	5	0	7	2.5	21.5	13.5	14	30.5	85
900114	742400	7541400	8	5	5	350	0	1500	17	0.1	1	48.5	3	24	9	15	3.8	0	8	2	16.5	8.5	9	17.5	60
900115	742400	7541420	15	0	6	405	0	1600	17	0	2	50	3.8	25	12	13.5	4	0	12	3	18	13	11	19	65
900116	742400	7541440	12	0	11	360	0	1900	21	0	2.5	60	9	30	10	12	4.6	0	9.5	2	19.5	10.5	10.5	18.5	65
900117	742400	7541460	22	3	13	325	0	2400	27	0	2.5	75	6.5	36	10.5	14	5.5	0	9	2	22	11	12.5	19.5	75
900118	742400	7541480	20	0	13	320	0	2700	32	0	2.5	70	5	34.5	11.5	14.5	5.5	0	8	2	21	7.5	12	21	80
900119	742400	7541500	28	2	11	285	0	2600	30	0	2.5	65	4	31.5	11.5	15	5	0	10	2.5	20	7	12.5	22.5	85
900120	742400	7541520	18	0	9	315	0	2400	30	0	2	70	4.4	35	10.5	15.5	5.5	0	8.5	2	22.5	6.5	13	25.5	90
900121	742400	7541540	24	4	10	340	0	2300	29	0	2	65	5	34	9.5	16.5	5	0	7.5	1.5	20.5	5.5	14.5	25	85
900122	742400	7541560	15	6	10	370	100	2500	32	0	2	65	5.5	33.5	9	16.5	4.8	0	6.5	1.5	19	5.5	13	28	75
900123	742400	7541580	18	6	9	310	0	2000	28	0	2	55	4.8	27.5	9	16.5	4.6	0	7.5	1.5	17	6.5	13	23	65
900124	742400	7541600	14	0	7	310	0	1800	23	0.1	1	49	3.6	24.5	8.5	16.5	4	0	7.5	1.5	16.5	7	11.5	20	65
900125	742600	7541700	15	0	6	315	0	1900	23	0	0.5	60	3	29.5	8	14.5	4.7	0	7	1.5	19.5	5.5	12	20	70
900126	742600	7541680	10	3	6	290	0	1900	22	0	1	60	2.8	30.5	8	14.5	4.7	0	7	1.5	20.5	5	12	19.5	75
900127	742600	7541660	21	5	8	190	0	1800	24	0	1.5	55	3.4	28	8.5	13.5	4.7	0	7	1.5	19	5.5	12	22	85

900128	742600	7541640	16	5	8	215	0	1700	23	0	1	55	3.4	27.5	8.5	13.5	4.7	0	7.5	1.5	19	5.5	12.5	25	80
900129	742600	7541620	21	7	8	210	0	1500	22	0	1.5	47.5	3.2	24	8.5	14	4.3	0	8	1.5	17	6	11.5	19.5	70
900130	742600	7541600	13	5	8	150	0	1400	21	0	2	46	2.8	23.5	8.5	13.5	4.1	0	8.5	1.5	16.5	6	11	19	65
900131	742600	7541580	24	7	9	180	0	1500	22	0	2	38	3	19.5	8.5	13.5	3.4	0	8	1.5	14	6	9.5	20.5	65
900132	742600	7541560	18	7	10	195	0	1700	25	0	2.5	43.5	3.6	22	9	13.5	3.9	0	8	2	15.5	7	11	21	70
900133	742600	7541540	18	5	8	150	0	1800	22	0	2	60	2.4	30	8	14.5	5	0	6	1.5	21.5	6	11	18.5	80
900134	742600	7541520	16	4	8	195	50	1600	22	0	2	46.5	2.6	23.5	8.5	15	4.1	0	7.5	1.5	17.5	7	11.5	19	75
900135	742600	7541500	27	8	9	195	0	1400	21	0	2	43.5	3	22.5	8	16	3.9	0	7	1.5	16	7	11	19.5	70
900136	742600	7541480	18	5	10	215	0	1400	19	0	1.5	36.5	3.4	18.5	8	14.5	3.3	0	7	1.5	12.5	6	10	21	55
900137	742600	7541460	21	4	9	265	50	1600	23	0.1	2	47	2.8	23.5	8.5	15.5	4.1	0	7.5	1.5	17	6	10	18.5	70
900138	742600	7541440	14	6	9	240	0	1600	22	0	2	45.5	3.2	22.5	8.5	15	4.2	0	7.5	1.5	17	7	12	19.5	70
900139	742600	7541420	25	6	10	170	0	1800	23	0	1.5	55	3.8	27.5	10	15.5	4.8	0	7.5	2	20	6.5	13	20.5	85
900140	742600	7541400	15	4	10	215	0	1800	24	0	2	55	4	25.5	10	15.5	4.7	0	10	2	19.5	9.5	14.5	22	80
900141	742600	7541380	12	7	8	210	0	1500	22	0	1.5	44	3.8	22.5	8.5	17	4.2	0	8.5	2	17	7.5	14.5	18	75
900142	742600	7541360	11	5	7	240	50	1600	20	0	2	50	2.8	25	11	18	4.6	0	11.5	2.5	21	8.5	16.5	24.5	80
900143	742600	7541340	17	3	7	305	0	1500	18	0	1	48.5	3	24	11	17.5	4.6	0	12.5	2.5	21.5	10.5	16.5	22.5	80
900144	742600	7541320	8	0	5	250	0	1200	14	0	1	43	1.6	22.5	10.5	18.5	4.1	0	13.5	2	22.5	9.5	15	19.5	70
900145	742600	7541300	11	3	6	195	0	1500	18	0	1.5	60	2.2	30.5	11.5	15	5.5	0	11.5	2.5	26	13.5	18.5	20	90
900146	742600	7541280	16	3	7	165	50	1500	18	0	1.5	47	2.2	24	10.5	15	4.4	0	11	2	21.5	10	14	20	80
900147	742600	7541260	10	3	6	220	0	1300	18	0	2	35.5	1.6	18	9	15.5	3.3	0	9	2	19	8.5	11.5	17	70
900148	742600	7541240	11	4	7	210	0	1700	22	0	3	49.5	3.8	24	11	19	4.5	0	10.5	2	21.5	10.5	15	21	80
900149	742600	7541220	19	8	7	170	0	1800	21	0	1.5	60	3.4	29	9	17.5	5	0	8.5	1.5	22.5	8.5	17	17.5	90
900150	742600	7541200	14	4	8	195	100	1800	24	0	2.5	50	2.4	25.5	10	18	4.5	0	10	2	22.5	7	16	20	95
900151	742600	7541180	13	4	8	245	50	1700	23	0	2	50	3	26.5	8	18.5	4.7	0	8	1.5	20.5	6	15.5	22.5	90
900152	742600	7541160	25	10	9	140	50	1900	26	0.2	3	60	4.2	31	8.5	18	5.5	0	6.5	1.5	22	6	18.5	24	85
900153	742600	7541140	16	10	9	135	50	1800	24	0	3	50	3.8	26	8.5	18	4.8	0	5.5	1.5	20	6.5	16.5	29.5	80
900154	742600	7541120	15	7	8	185	50	1700	24	0	2.5	55	4.2	27.5	7.5	17.5	4.9	0	6	1.5	20	5.5	16.5	22	75
900155	742600	7541100	26	8	11	260	50	2000	30	0	2.5	70	5	35	9	19.5	6	0	6	1.5	24.5	5	20.5	26.5	85
900156	742800	7541200	13	15	8	115	100	1900	22	0.1	2	65	3	30.5	10	18	6	0	7.5	1.5	26.5	10	18.5	22	100
900157	742800	7541220	11	15	7	155	50	1900	22	0	2.5	70	4.2	35	11	21	6.5	0	9	1.5	30.5	12.5	22.5	24.5	110
900158	742800	7541240	19	31	7	255	50	1800	22	0	3	75	4	36	14	21.5	7	0	13.5	2.5	33.5	15	28.5	31	115
900159	742800	7541260	11	15	8	190	50	1800	21	0.1	2.5	80	3.8	38.5	13.5	23	7.5	0	11.5	2.5	34	17.5	30.5	31.5	120
900160	742800	7541280	11	12	8	185	100	1800	21	0	1.5	65	3.4	31.5	12	21.5	6	0	12	2	29.5	12.5	22	27	105

900161	742800	7541300	22	11	8	255	50	1700	22	0.1	2	65	3.2	31.5	11.5	21	6	0	11.5	2	28.5	10.5	22.5	27.5	100
900162	742800	7541320	13	9	8	210	50	1700	21	0	2	65	3.2	32	12	21.5	6	0	12.5	2	27.5	12	22.5	25.5	95
900163	742800	7541340	11	9	7	230	50	1500	18	0	2	55	2.6	28	10.5	21.5	5	0	12.5	2	23	10.5	19	23.5	85
900164	742800	7541360	20	12	7	225	0	1600	21	0	2	46.5	2	23	9.5	18.5	4.1	0	10	2	21	7	13.5	17.5	85
900165	742800	7541380	12	5	8	155	50	1600	22	0	2	50	2.6	26.5	8.5	18	4.5	0	8.5	1.5	20	7	14	22	80
900166	742800	7541400	14	5	8	255	50	1700	22	0	1.5	46	2.8	23	9	15	3.9	0	8	1.5	16.5	7.5	11	22.5	70
900167	742800	7541420	18	6	7	190	0	1500	19	0	1	45	2.6	22.5	8.5	15.5	3.9	0	8	1.5	16.5	7	11	17.5	70
900168	742800	7541440	13	7	10	160	1400	1800	23	0	2	60	3.8	30	9.5	15.5	5.5	0	9	2	23	11	17	28	90
900169	742800	7541460	11	6	7	270	50	1300	16	0	1	50	2	27	9.5	17	4.9	0	11	2	21.5	13.5	15.5	18.5	80
900170	742800	7541480	21	13	8	335	0	1500	16	0	1	49	2.6	25	10	16.5	4.6	0	9.5	2.5	20.5	11	13.5	25.5	85
900171	742800	7541500	10	7	7	340	50	1400	17	0	1.5	50	4	25.5	12	15	4.5	0	11.5	2.5	18.5	12	12.5	21.5	90
900172	742800	7541520	10	7	9	365	0	1300	16	0	0.5	50	3.6	25.5	12	13.5	4.6	0	12.5	3	18.5	11.5	12	15	80
900173	742800	7541540	40	9	33	390	50	3000	35	0	2	70	6	34.5	18.5	14	6	0	10	3	21.5	12.5	15	25.5	100
900174	742800	7541560	140	23	70	700	100	6400	70	0	6.5	105	38.5	49.5	31.5	13.5	8	0	8	3	20.5	17	20.5	42.5	125
900175	742800	7541580	11	14	9	355	0	1600	18	0	2	55	4.2	27.5	14	14.5	5	0	16.5	3.5	21.5	14	14	23	85
900176	742800	7541600	25	26	13	310	100	2000	24	0	2.5	70	5.5	34	14	15	6	0	14.5	3	22	13	15	20	95
900177	742800	7541620	15	11	10	265	50	1600	19	0	2	60	4.2	28	13.5	14.5	5	0	16	3	19.5	13	13.5	19	80
900178	742800	7541640	9	7	6	250	0	1200	15	0	1.5	45.5	2.6	22.5	12	13.5	4	0	15	3	16.5	11	10.5	14.5	70
900179	742800	7541660	25	9	9	255	50	1800	21	0	2	70	4.6	33.5	13	15.5	6	0	13.5	3	24.5	16	14	17.5	90
900180	742800	7541680	17	55	14	370	100	1800	36	0	13	75	10	31.5	12	75	5.5	0	13	3	23.5	21.5	13	21.5	90
900181	742800	7541700	14	9	7	225	0	1500	17	0.1	1.5	45.5	2.4	22.5	10.5	16.5	3.8	0	11.5	2.5	16.5	8	10.5	15	75
900182	742800	7541720	9	7	6	270	0	1300	18	0.1	1	37	2	18.5	9.5	15	3.2	0	9.5	2	14	6	9	14	65
900183	742800	7541740	8	6	5	260	0	1000	16	0	1.5	40.5	2	20.5	8	14.5	3.4	0	9.5	2	14.5	6	9	12.5	60
900184	742800	7541760	12	10	8	275	0	1800	24	0	2	55	3	27	9.5	14.5	4.7	0	8	1.5	19.5	7	13	17.5	85
900185	742800	7541780	21	10	9	240	50	2000	25	0	1.5	65	3.6	31	10	14.5	5.5	0	7.5	1.5	21	7	15	19	100
900186	742800	7541800	11	12	7	265	50	1800	22	0	1.5	60	3.2	29	9	14.5	5	0	7	1.5	19.5	5.5	13	18.5	85
900187	743000	7541800	18	8	8	175	0	1700	23	0	2	65	3.2	32	10.5	14.5	5.5	0	9.5	1.5	22	9	16.5	18	95
900188	743000	7541780	13	7	8	245	0	1700	21	0	2	55	3.2	26	12	15	4.8	0	14	3	21	14	13.5	17	85
900189	743000	7541760	9	15	7	240	0	1500	18	0	1	49.5	2.4	24	12	14.5	4.2	0	14.5	2.5	19.5	11	12	19	75
900190	743000	7541740	19	8	10	360	0	1500	18	0	1.5	50	3	24.5	14	14.5	4.5	0	17	3.5	20.5	12	13.5	21	80
900191	743000	7541720	10	10	8	365	0	1400	17	0	2	55	2.8	25.5	13	15	4.6	0	15.5	3	20	11.5	13	21	75
900192	743000	7541700	17	15	9	360	50	1600	20	0	2	60	2.8	27.5	13.5	15.5	4.9	0	15	3	21.5	12	13.5	23	85
900193	743000	7541680	17	12	10	365	0	1700	20	0	1	60	2.8	27.5	14	15	4.8	0	12	3	21	12.5	13	33.5	80

900194	743000	7541660	25	9	13	310	50	1700	22	0	1.5	55	4	26.5	14	16	4.7	0	13	3.5	20	13	13.5	18.5	70
900195	743000	7541640	18	8	13	320	0	1900	23	0	1.5	60	3.8	26.5	16	15.5	4.8	0	13	3.5	19.5	14	14.5	21	85
900196	743000	7541620	55	10	26	445	50	3100	37	0	2.5	110	14.5	48.5	19.5	14.5	7.5	0	9	3	22.5	13	18.5	29.5	110
900197	743000	7541600	17	7	12	335	0	2100	24	0	1.5	65	5.5	31.5	13.5	13	5.5	0	11.5	2.5	20	8.5	14.5	17	90
900198	743000	7541580	22	10	9	500	50	1400	16	0	1	48	3.2	23	14.5	15	3.9	0	18	3	19	13	13	21	80
900199	743000	7541560	10	6	8	320	0	1600	19	0	1.5	60	3.4	28.5	12	16	5	0	13	2.5	21	10.5	13.5	16.5	90
900200	743000	7541540	18	10	8	460	0	1300	16	0	1.5	43	2.4	21	12	16.5	3.7	0	14	3	17.5	9.5	11.5	18.5	70
900201	743000	7541520	19	9	8	410	0	1500	18	0	1	55	3	26	12.5	16	4.6	0	12.5	3	21.5	9	12.5	17.5	80
900202	743000	7541500	11	7	7	285	0	1400	18	0	1.5	47.5	2.4	23	10.5	16	3.9	0	11	2	16.5	8.5	11	15	75
900203	743000	7541480	27	12	11	290	50	1700	23	0	1.5	70	6	29	11	17	5	0	11.5	2.5	22.5	16	14.5	18	90
900204	743000	7541460	14	10	9	245	0	1800	24	0	2	55	3.6	27	10.5	17.5	4.9	0	9	2	19.5	15.5	14	17	80
900205	743000	7541440	26	11	10	260	50	1400	20	0	2	38.5	2.8	19	8.5	15.5	3.3	0	8.5	1.5	12.5	6.5	9	18.5	60
900206	743000	7541420	12	13	7	210	0	1100	17	0	1	38	2	18.5	8.5	18.5	3.5	0	11	2	14	10.5	12	16	65
900207	743000	7541400	20	15	8	315	0	1700	20	0	2	60	3.8	27.5	11.5	19.5	5	0	10	2	20.5	10.5	18	19	100
900208	743000	7541380	12	10	8	280	0	1600	20	0	2	48	2.8	23.5	9.5	21	4.3	0	10	2	18.5	13.5	15	19.5	85
900209	743000	7541360	19	12	9	245	0	1700	21	0	1	60	4	26.5	11	20.5	5.5	0	12.5	2	22.5	11	19	24.5	105
900210	743000	7541340	9	10	7	285	0	1600	19	0	1	60	3	28	12	23.5	5.5	0	11	2	23.5	11	21.5	22	105
900211	743000	7541320	19	13	8	245	0	1800	22	0	2	65	3.2	31	12.5	20	6	0	12	2	27.5	11.5	25	29.5	115
900212	743000	7541300	11	9	8	260	0	1700	21	0	2	60	3.2	28.5	11.5	20.5	6	0	12	2	26	9.5	22	23.5	105
900213	743000	7541280	12	19	7	400	50	1500	19	0.2	2.5	47	3.6	22	14.5	20.5	4.6	0	12.5	3	19	15	16	24	80
900214	743000	7541260	8	17	6	280	50	1400	19	0	2	60	3.6	23.5	11	22	5	0	10.5	2	23	16.5	20	20.5	95
900215	743000	7541240	8	17	8	350	0	1800	27	0.2	3	70	6.5	24.5	19.5	36	5.5	0	22	4	31	18	31	32.5	105
900216	743000	7541220	16	15	8	275	0	1600	23	0	1.5	65	4.2	29.5	12	23	6	0	10.5	2	27	9.5	23.5	22	100
900217	743000	7541200	14	12	9	255	0	2000	29	0	3	60	5	29.5	9.5	18.5	5.5	0	9	1.5	21.5	6.5	19.5	26.5	100
900218	743200	7541200	8	11	6	290	0	1500	20	0	2	55	4.4	24.5	11	20	4.8	0	11.5	2	23.5	11	17	18	95
900219	743200	7541220	22	16	10	240	50	2100	30	0	2.5	60	4.6	30.5	9.5	21	5.5	0	8.5	1.5	23.5	7	17.5	31.5	90
900220	743200	7541240	12	13	10	225	50	2000	30	0.1	2.5	55	4.4	28.5	9.5	22	5.5	0	9	1.5	20	6.5	17.5	25.5	90
900221	743200	7541260	13	12	9	240	0	2100	27	0	3	60	3.8	30.5	10	17.5	5.5	0	9.5	1.5	22.5	6.5	18	24	100
900222	743200	7541280	14	13	9	190	0	2100	28	0	2	60	3.8	30.5	10	17.5	5.5	0	8.5	1.5	23	7	17.5	23.5	110
900223	743200	7541300	20	18	9	235	0	1900	26	0	2.5	55	4.2	28	9.5	28	5.5	0	9	1.5	22	7.5	17	25.5	90
900224	743200	7541320	11	8	8	260	0	2000	27	0	3	70	4.8	30.5	11.5	19	6	0	13	2.5	25.5	11	19.5	24.5	100
900225	743200	7541340	11	12	8	280	0	2100	26	0	2	60	5	29	12	19	5.5	0	12	2	24.5	11	19	26	100
900226	743200	7541360	8	7	5	300	0	1500	19	0	1	45.5	1.8	22.5	8.5	16	4.1	0	8.5	1.5	18.5	6.5	11.5	16	75

900227	743200	7541380	15	11	7	235	0	1800	20	0	1	55	3	26.5	10.5	16.5	4.8	0	9	2	22	8.5	14.5	18	85
900228	743200	7541400	8	9	7	275	0	1600	20	0	2	60	3.8	27.5	11	19.5	5.5	0	11.5	2	23.5	14	20.5	22	90
900229	743200	7541420	7	12	7	315	0	1600	19	0	2	55	4	26	12	19	5	0	14.5	2.5	23.5	12.5	21	22.5	90
900230	743200	7541440	6	7	5	285	0	1400	17	0	1	50	2.6	25	11.5	17	4.7	0	12	2	23	10	15.5	20.5	90
900231	743200	7541460	14	15	7	230	0	1700	20	0	2	60	3.6	29	13	18.5	5.5	0	15.5	2.5	25.5	13	23	24.5	100
900232	743200	7541480	8	10	6	280	50	1600	19	0	1.5	60	3.4	28	16	19	5.5	0	18	3.5	25.5	13	19	26	105
900233	743200	7541500	6	12	5	330	0	1000	13	0	1.5	39	2.4	18.5	11.5	16.5	3.6	0	16	2.5	19	9	12.5	22	60
900234	743200	7541520	17	17	9	405	0	1700	22	0	1.5	60	3.8	28	14.5	19	5.5	0	16	3	24.5	11.5	17	26.5	95
900235	743200	7541540	11	22	9	345	0	1900	26	0	2	65	4.2	29.5	12.5	17	5	0	12.5	2.5	23	8.5	15	23.5	90
900236	743200	7541560	13	23	8	245	0	1900	27	0	2.5	70	5.5	31	11.5	16.5	5.5	0	11	2.5	23	10	15	20.5	95
900237	743200	7541580	19	10	9	270	0	1900	25	0	2	65	5.5	31.5	12	15	5.5	0	12.5	2.5	24	10	15	19	90
900238	743200	7541600	10	8	8	315	0	2000	23	0	1	75	3.8	37	13.5	17	6.5	0	14.5	2.5	33	11	17	22.5	115
900239	743200	7541620	14	6	8	260	0	1900	22	0	2	65	4	30.5	13	16	5.5	0	14.5	2.5	25	11.5	16.5	17	90
900240	743200	7541640	15	5	9	240	0	1800	23	0	2	60	3.2	26.5	13	14.5	4.9	0	14.5	2.5	23.5	8.5	14.5	19	90
900241	743200	7541660	14	5	9	290	0	2000	23	0	2	65	3.4	31.5	13	13	5.5	0	13	2.5	22	6.5	14	22	90
900242	743200	7541680	17	8	8	390	0	1700	20	0	1	55	3.4	26	13	15.5	4.8	0	14.5	2.5	22.5	10	16.5	25.5	95
900243	743200	7541700	9	8	7	290	0	1800	20	0	1	55	3.2	27	12.5	15.5	5	0	13.5	2.5	23	9	16.5	23.5	90
900244	743200	7541720	18	12	7	375	0	1200	14	0	1.5	37.5	2	19.5	11	16	3.5	0	13	2.5	16.5	8.5	11.5	22.5	70
900245	743200	7541740	10	7	6	305	0	1500	17	0	1	45	2	22.5	11.5	15.5	4.1	0	13	2.5	18.5	10	13	23	75
900246	743200	7541760	16	7	7	270	50	1600	23	0.1	2.5	50	2.8	25.5	11.5	15.5	5	0	15	2.5	22.5	19	16	17	90
900247	743200	7541780	8	5	7	320	0	1900	22	0	2	65	3.4	29	13.5	18.5	5.5	0	17	2.5	25.5	16	18	17	105
900248	743200	7541800	14	7	8	225	0	1900	25	0	2	65	3.4	32	13	16.5	6	0	16.5	2.5	27.5	16	18	17.5	105
900249	743200	7541820	15	9	10	260	0	2300	30	0	2	65	4	34	9	13.5	6	0	8	1.5	23.5	6	16.5	20	95
900250	743200	7541840	20	9	10	240	50	2400	30	0	1	75	3.6	37	10	13	6.5	0	7	1.5	24.5	6	17	19	105
900251	743200	7541860	14	9	10	230	0	2800	34	0	1.5	85	3.6	43	10.5	13.5	7.5	0	6	1.5	30.5	6	20	22	130
900252	743200	7541880	23	10	11	215	0	2500	32	0	2.5	80	4.2	38	9.5	13	6.5	0	6	1	29.5	5.5	18	21	125
900253	743200	7541900	15	9	8	225	0	2600	31	0	1	105	4	50	10	15.5	7	0	7	1.5	29	8.5	21	21.5	110
900254	743400	7541200	24	19	8	470	0	1400	17	0	3.5	60	2.6	29	13	19.5	4.2	0	16.5	3	19.5	14.5	15.5	29.5	75
900255	743400	7541220	15	21	10	600	150	2800	36	0	3.5	115	3.8	55	18	28	8	0	22.5	3.5	33	28	34	40	110
900256	743400	7541240	17	11	6	230	0	2000	20	0	2	95	2.8	47	11	21.5	6.5	0	11.5	2	28.5	16	22	17.5	110
900257	743400	7541260	11	12	6	235	0	1600	21	0	3	80	3.2	39	10.5	28	6	0	15.5	2	24.5	17	23	25.5	75
900258	743400	7541280	20	15	7	250	0	1700	20	0	4	100	3.4	47	11.5	28	7	0	13.5	2	29	22.5	27.5	25.5	105
900259	743400	7541300	10	15	6	285	0	1600	18	0	4	75	2.6	37.5	11.5	28	5.5	0	13.5	2	25.5	17.5	22.5	23	95

900260	743400	7541320	16	12	6	315	0	1600	17	0	2	90	2.6	43.5	13.5	28.5	7	0	16	2.5	32	24.5	26	31	110
900261	743400	7541340	12	17	6	360	0	1700	19	0	4	90	3.4	42.5	13	33	6.5	0	15	2.5	28.5	25	22.5	26	90
900262	743400	7541360	17	23	8	340	0	2000	25	0	5.5	100	4.2	48.5	16.5	31.5	7.5	0	20	3	39	28.5	35.5	33	120
900263	743400	7541380	9	23	6	415	0	1700	19	0	3.5	65	2.4	30.5	12.5	24.5	4.8	0	16	2.5	22.5	17	19.5	24	80
900264	743400	7541400	15	16	5	345	0	1300	15	0	3.5	65	2.6	32.5	18	25.5	5	0	24.5	3.5	27	26.5	20.5	25.5	95
900265	743400	7541420	8	15	6	470	0	1400	18	0	5	85	3.2	38	17	27	6	0	24	3.5	28	24	27	26	90
900266	743400	7541440	17	12	7	480	0	1600	20	0	7	80	5	35.5	16	23	5.5	0	19.5	3.5	24.5	26.5	19.5	23	90
900267	743400	7541460	8	17	6	425	0	1700	19	0	22	100	6	43	16.5	25	6	0	23	3.5	26	23	22	36	100
900268	743400	7541480	19	22	7	315	0	1700	20	0	25	80	3.4	36.5	14	26	5.5	0	19	3	23.5	17.5	18.5	25	90
900269	743400	7541500	11	26	6	290	0	1800	21	0	27	80	3.6	38.5	13.5	29	6	0	19	3.5	24.5	18	19.5	30	100
900270	743400	7541520	22	29	7	320	0	1700	19	0	15	85	3.6	39	13.5	28.5	5.5	0	19	3.5	24.5	17	18	41	95
900271	743400	7541540	8	39	6	320	0	1700	19	0	10.5	80	3.8	35.5	15	30	5.5	0	22	3.5	24.5	20	19	29.5	95
900272	743400	7541560	14	39	7	290	0	1800	19	0	9.5	80	3.4	39.5	13	20.5	5.5	0	20.5	3	25	17.5	19	21	95
900273	743400	7541580	10	33	6	295	0	1800	19	0	6	80	3	39	13	21	5.5	0	21	3	25	16.5	16.5	25	100
900274	743400	7541600	20	35	7	350	0	1800	20	0.1	13	80	3.6	38	14	32.5	5.5	0	22	3	26.5	21	20.5	38.5	100
900275	743400	7541620	10	28	6	270	0	1900	20	0	9.5	85	3.6	42	12	18.5	6	0	19.5	2.5	26.5	18.5	19	21.5	100
900276	743400	7541640	10	27	6	340	0	1600	20	0	24.5	90	3.8	42.5	13.5	25	6	0	20.5	3	26	21.5	19	25.5	95
900277	743400	7541660	29	33	9	370	50	2000	24	0	9.5	95	3.8	45.5	13.5	19	6	0	20.5	3	26.5	17.5	17.5	29.5	105
900278	743400	7541680	11	21	10	360	0	1600	18	0	4.5	70	4.8	33	12	17.5	4.5	0	19	2.5	22	13	17.5	21	75
900279	743400	7541700	37	21	17	340	0	2400	25	0	3	80	8.5	39.5	13	11.5	5	0	19	2	20	16	16.5	23.5	90
900280	743400	7541720	10	8	7	390	0	1600	19	0	2	60	4.4	30.5	15.5	16	4.6	0	22	3.5	24	20	20.5	19.5	85
900281	743400	7541740	8	15	6	360	0	1800	18	0	2	70	3.4	32.5	18	13.5	5	0	23	4	26.5	29	26	25	110
900282	743400	7541760	8	8	6	350	0	1500	20	0	2	75	3.8	38	14.5	18.5	5.5	0	19.5	3	25.5	22.5	23.5	21	90
900283	743400	7541780	19	9	8	295	0	2100	22	0	1.5	95	4.2	47	12.5	16.5	6.5	0	14.5	2.5	29	14.5	20.5	24	115
900284	743400	7541800	12	12	8	330	0	2200	24	0	2	110	4.6	50	12.5	17.5	7	0	14.5	2	29.5	15	21.5	23.5	115
900285	743400	7541820	14	9	8	280	0	2400	27	0	1.5	120	4.2	55	10.5	18.5	8	0	12.5	1.5	32	12	23.5	25	105
900286	743400	7541840	17	8	7	330	0	1900	24	0	2	100	4	50	9.5	17.5	7	0	13.5	1.5	25.5	11	18.5	23.5	80
900287	743400	7541860	16	7	8	355	0	2200	26	0	2.5	105	4.4	50	11	15.5	7	0	13	1.5	27.5	9	19.5	22	100
900288	743400	7541880	22	9	9	340	0	2100	26	0	1.5	100	5	48	10	15	7	0	12.5	1.5	27	8.5	20.5	21	80
900289	743400	7541900	13	8	8	390	0	2400	27	0	1.5	105	4.6	50	11	13.5	7	0	12	1.5	27.5	7.5	21	26	120
900290	743600	7541200	36	8	21	365	0	3000	30	0	3	95	5	46.5	14	20.5	6.5	0	7.5	1.5	29	7.5	24.5	24	125
900291	743600	7541220	21	8	12	300	0	2800	29	0	2.5	95	4.4	47.5	12	21	7	0	7.5	1.5	30.5	7.5	23	21	105
900292	743600	7541240	23	11	10	265	0	2400	25	0	2.5	90	3.8	45.5	9.5	22.5	6	0	6.5	1.5	27	7	21	20	105

900293	743600	7541260	16	11	7	360	0	1500	19	0	1.5	60	2.6	29	11.5	18.5	4.3	0	12	2.5	21	11.5	15.5	22	75
900294	743600	7541280	10	11	7	360	0	1800	22	0	2.5	85	3.2	41	12.5	25.5	6	0	12.5	2	31	15	23.5	28	90
900295	743600	7541300	19	14	7	410	0	1500	19	0	1.5	75	2.8	35	11	23.5	5	0	12	2	25	12	19.5	33	95
900296	743600	7541320	10	22	5	345	0	1400	17	0	2.5	65	2.2	31	8.5	22.5	4.6	0	9	1.5	20	11	15	21	80
900297	743600	7541340	22	30	7	495	0	1500	19	0	2	75	3.2	35	13	22.5	5	0	12.5	2.5	24.5	14.5	18.5	30.5	100
900298	743600	7541360	10	36	6	420	0	1500	19	0	2.5	70	3	34	13.5	22	5	0	15.5	2.5	24.5	17.5	20.5	23.5	85
900299	743600	7541380	20	30	5	390	0	1700	19	0	2	70	3.2	35	15.5	20	5	0	15.5	3	25.5	16	20	24	100
900300	743600	7541400	7	38	5	465	50	1500	18	0	5	90	4.2	38.5	18.5	25.5	5.5	0	23	3.5	30	20.5	20	31.5	105
900301	743600	7541420	24	46	7	445	0	1600	18	0	2.5	55	3.2	22.5	16	20.5	4.3	0	20.5	3.5	27	15	18.5	24.5	85
900302	743600	7541440	10	25	6	600	0	1500	17	0	1.5	60	4	24	16.5	21.5	5	0	21.5	3.5	27	21.5	25	22.5	90
900303	743600	7541460	21	35	7	320	0	1800	19	0	1.5	65	3.4	30.5	14.5	15	5.5	0	19.5	3	28.5	14.5	21.5	19.5	95
900304	743600	7541480	8	18	6	450	0	1600	18	0	2	55	3	27.5	14.5	17.5	5	0	19.5	3.5	26.5	13	17.5	23.5	75
900305	743600	7541500	17	21	8	420	0	1900	20	0	2	65	3.4	29.5	15.5	19	5.5	0	20	4	29	16	20	21.5	100
900306	743600	7541520	7	18	6	420	0	1700	18	0	2	55	3	24.5	15	18	4.6	0	19.5	3.5	26	11.5	18.5	21	90
900307	743600	7541540	18	14	7	500	0	1700	18	0	2.5	65	3.4	29.5	15.5	20.5	6	0	19.5	3.5	30	13.5	23	22	90
900308	743600	7541560	7	17	5	500	0	1600	19	0	2.5	55	2.6	26.5	17.5	21	5	0	25	4	32	15.5	20.5	22.5	90
900309	743600	7541580	18	20	6	320	0	1400	15	0	1	42.5	2.2	20	13	14.5	3.7	0	17	3	20.5	12	13	16.5	65
900310	743600	7541600	11	25	6	500	0	1400	18	0.2	2.5	70	5	34	16.5	19.5	5	0	23.5	4	30.5	26.5	23	26	105
900311	743600	7541620	20	17	7	355	0	1700	19	0	2	50	3.2	21.5	13.5	17	4.2	0	18	3	24	14.5	16	20	75
900312	743600	7541640	10	21	6	300	50	1400	15	0.2	2	39	2.4	19	12	16	3.6	0	13.5	3	17.5	11	11.5	33	60
900313	743600	7541660	21	22	7	320	100	1600	17	0.1	2	47	2.6	22.5	13	14	4.1	0	14.5	3.5	21	12	12.5	19.5	65
900314	743600	7541680	10	17	7	330	50	1600	18	0.2	2	48	2.8	23	13	14.5	4.2	0	17	3	20.5	16	15.5	17	65
900315	743600	7541700	18	23	7	270	0	1500	17	0	2	44	3	21	12.5	14.5	3.9	0	16	3.5	20	13.5	14.5	15.5	60
900316	743600	7541720	8	16	6	270	0	1500	16	0	1.5	45	3.8	22	12	11	4	0	16.5	3.5	19	12.5	14	15.5	60
900317	743600	7541736	23	12	9	370	100	2700	24	0	2	125	4.2	65	15	13	9	0	15	3.5	35.5	13	22	20.5	100
900318	743600	7541760	37	13	13	265	50	2300	30	0	2.5	50	4.6	25	11	10.5	4.4	0	9.5	2	18	5.5	13	16.5	70
900319	743600	7541780	38	13	12	320	0	2200	25	0	2.5	60	4.6	30	11	11	5	0	10.5	2	21	5.5	13.5	23	80
900320	743600	7541800	16	13	9	355	50	2200	25	0	3	55	6	28.5	10.5	17	5	0	11.5	2	21.5	6	14.5	21	75
900321	743600	7541820	16	18	11	350	0	2400	30	0	2.5	60	7.5	29	11	11	5.5	0	14.5	2	23.5	6	18.5	29.5	95
900322	743600	7541840	19	21	13	470	0	2600	32	0.1	2.5	75	9	36.5	13	12	7	0	17.5	2	31	7	23.5	40.5	110
900323	743600	7541860	14	20	12	475	50	2400	32	0	3.5	85	0	39	12.5	10.5	7.5	0	20.5	2	31.5	6.5	27.5	42.5	110
900324	743600	7541880	12	19	11	500	50	2500	33	0	4.5	95	12	43.5	14	10.5	8.5	0	24	2	36	7.5	33.5	43	120
900325	743600	7541900	15	17	11	500	0	2600	32	0	3.5	95	10.5	44	14	11	8.5	0	21.5	2	36	6.5	32	38	125

900326	743800	7541300	23	11	12	290	0	2600	29	0	2	80	4.6	40	12.5	20.5	6.5	0	11.5	2	34	5.5	24	27.5	115
900327	743800	7541320	19	12	11	365	100	2200	30	0	2.5	75	4.2	36.5	12	21.5	6.5	0	14.5	2	32	7.5	23	27	95
900328	743800	7541340	12	9	8	310	0	1800	20	0	1.5	65	3	29.5	11	21.5	5.5	0	12	2	29	8.5	17.5	21	95
900329	743800	7541360	11	12	7	365	0	1900	20	0	2	60	3.4	29.5	11.5	19.5	5.5	0	13	2	27	10	18.5	21	90
900330	743800	7541380	9	12	6	265	0	1800	18	0	1.5	50	2.6	26.5	10	16	4.8	0	10	2	24	8.5	16.5	16	85
900331	743800	7541400	12	20	7	270	0	1800	23	0	2	48	3.6	22.5	11	16	4.2	0	13	2	22.5	9.5	14.5	16	85
900332	743800	7541420	9	20	6	290	0	1700	19	0	1.5	48	2.2	24	11.5	13.5	4	0	10	2	20.5	8	13	15.5	70
900333	743800	7541440	9	23	8	600	50	1600	23	0	2.5	50	4.2	24	19	18	4.6	0	24	4	29.5	15	21.5	23	90
900334	743800	7541460	9	14	5	410	0	950	12	0	2	34	1.8	16.5	11.5	15.5	3.2	0	15.5	3	18	13.5	12	14.5	60
900335	743800	7541480	10	15	4	260	0	900	12	0	2.5	28	1.4	13.5	9.5	12.5	2.8	0	10.5	2.5	16	15	9.5	8.5	48
900336	743800	7541500	8	13	6	420	0	1400	14	0	1.5	34	2.2	16.5	13	15	3.1	0	13.5	3	16.5	13.5	9.5	14.5	55
900337	743800	7541520	14	25	8	500	200	1300	18	0	2.5	30	2.6	14.5	12.5	13.5	3	0	14.5	3	15	19.5	11	16.5	50
900338	743800	7541540	9	27	6	385	50	1400	17	0	1.5	34.5	3	16	13.5	14.5	3.1	0	15.5	3.5	17	10.5	10	13.5	55
900339	743800	7541560	10	16	6	335	0	1100	13	0	1.5	30	2.2	14.5	12	14	2.7	0	14.5	3.5	15	10.5	9.5	14	45.5
900340	743800	7541580	10	13	6	410	0	1400	18	0	2.5	40.5	4.4	17.5	13	17	3.2	0	15.5	3.5	17	11	10	21.5	50
900341	743800	7541600	9	9	6	355	0	1600	18	0	1.5	50	2.6	23.5	14	14	4.1	0	15	3.5	20	10	11.5	15.5	65
900342	743800	7541620	9	9	5	340	0	1600	17	0	1.5	46.5	2.6	22.5	11.5	12.5	3.9	0	12.5	3	18.5	9	11	13.5	60
900343	743800	7541640	15	9	7	290	0	1600	21	0	1.5	55	4.6	25	14	13	4.2	0	13.5	3.5	21	18.5	12	16	70
900344	743800	7541660	11	8	7	285	0	1400	16	0	0	44.5	2	22	12.5	10.5	3.6	0	12.5	2.5	18	10.5	10	16.5	65
900345	743800	7541680	12	7	9	435	0	1200	14	0	1	36	2.4	17.5	15.5	12.5	3.1	0	16.5	4	17.5	13.5	10.5	16	65
900346	743800	7541700	11	13	8	395	0	1800	25	0	1.5	55	5	26	15	15.5	4.8	0	17	3.5	20.5	16	16.5	28.5	80
900347	743800	7541720	8	10	6	335	50	1400	16	0	0.5	44	3.8	21.5	13	10.5	3.8	0	15	3	18	12.5	12	21	70
900348	743800	7541740	10	12	8	290	0	1100	14	0.1	1	34	4.8	16.5	13.5	11.5	3.2	0	18	3.5	15.5	15	13.5	17	50
900349	743800	7541760	9	11	6	255	0	1000	13	0	1	30.5	4.2	15	13	11	2.8	0	16	3.5	14	12	11.5	17.5	55
900350	743800	7541780	15	12	12	280	100	1500	19	0	1	36.5	3.8	17.5	14.5	10.5	3.5	0	14	3	16.5	11	17	21	70
900351	743800	7541800	11	8	8	285	0	1300	17	0	1	42	4.4	20.5	14	8.5	3.7	0	14.5	3.5	18	10	15.5	18	65
900352	743800	7541820	11	9	7	200	0	950	15	0	2	37	5.5	18.5	13.5	13.5	3.9	0	13	3.5	17	6	19	23.5	70
900353	743800	7541840	19	10	10	230	0	1400	18	0	2	36.5	4.8	17.5	12.5	8.5	3.6	0.5	11.5	3.5	14.5	6	24	21.5	65
900354	743800	7541860	13	13	12	270	0	1400	21	0.1	2	31.5	7	15	12.5	7.5	3.6	0	13.5	2.5	17	6.5	20	16.5	65
900355	743800	7541880	13	29	9	360	0	1800	27	0.1	2	50	6.5	24.5	12.5	9	6	0	10.5	2.5	21.5	5.5	33	21.5	85
900356	743800	7541900	19	27	12	465	200	2500	36	0	2	55	6.5	27	7.5	13	4.8	0	2.2	0.5	17.5	4.4	13	33.5	80
900357	743800	7541920	26	19	11	750	50	2700	41	0	1.5	60	3	29.5	8	13.5	4.8	0	3	1	20.5	5	13.5	26	100
900358	743800	7541940	20	18	11	330	100	2400	38	0	2	65	4.4	32	7	10.5	5.5	0	2.4	0.5	23	5.5	15.5	20.5	90

900359	743800	7541960	17	16	10	205	0	2300	33	0	1.5	65	5	32	7	11	5.5	0	1.6	0.5	23.5	5.5	16.5	16.5	85
900360	743800	7541980	23	14	10	210	0	2100	31	0.1	1.5	70	4.6	33	7.5	10.5	6	0	3.5	1	26.5	4.6	16	14	90
900361	743800	7542000	22	9	8	190	0	2100	29	0	1.5	65	4	32.5	8.5	12	5.5	0	3.8	1	27.5	4.6	15	13	90
900362	744000	7541400	8	10	6	295	0	1300	20	0	1.5	48.5	2.8	22.5	12.5	17	4	0	13.5	2.5	20	10	12.5	17.5	70
900363	744000	7541420	9	7	6	335	0	1000	14	0	1.5	31	2.4	15	13.5	18.5	3.1	0	14.5	3	17	12	12	17.5	60
900364	744000	7541440	9	7	6	335	0	1500	21	0	1.5	55	3.8	22.5	13.5	17.5	4.2	0	13	3	20	10	13.5	16	80
900365	744000	7541460	10	12	7	285	0	1600	22	0	1.5	50	3.2	24.5	10.5	14	4.2	0	9.5	2.5	19	7.5	12	13.5	75
900366	744000	7541480	13	11	7	315	0	1200	18	0	1.5	36.5	2.2	18.5	10.5	16	3.1	0	10	2	15	9	9.5	15.5	60
900367	744000	7541500	13	11	9	385	0	1800	30	0	2.5	48.5	3	23	11	15	3.9	0	8.5	2.5	17.5	8.5	10.5	19.5	65
900368	744000	7541520	17	12	10	275	50	2400	34	0.2	2	70	4.6	34.5	10.5	14.5	5.5	0	6	2	24	8	14.5	19.5	90
900369	744000	7541540	16	11	8	215	0	1700	25	0	2	55	3.6	27.5	10.5	12.5	4.6	0	8.5	2.5	19.5	8	13	16	75
900370	744000	7541560	21	10	8	190	0	1800	27	0	2	55	3.8	27.5	10.5	11	4.6	0	8.5	2.5	18.5	8.5	13.5	15	75
900371	744000	7541580	10	8	6	185	0	1400	20	0	1.5	49	2.4	24.5	8.5	10	4	0	8	2	15.5	6	10.5	13.5	60
900372	744000	7541600	12	9	7	200	0	1600	21	0	1	55	2.4	26.5	10	10.5	4.5	0	9.5	2	17.5	6	11.5	14.5	70
900373	744000	7541620	7	9	6	220	0	1400	18	0	0.5	50	2.6	24.5	11	9.5	4.1	0	11.5	2.5	17	5.5	11	13	70
900374	744000	7541640	11	11	7	235	0	1400	19	0	1	55	3	26.5	11	9.5	4.4	0	13	2.5	16.5	6	11.5	13	65
900375	744000	7541660	10	7	7	300	0	1800	22	0	1	60	3.2	30	13.5	10	4.9	0	14.5	3	20	7	14.5	16.5	90
900376	744000	7541680	7	7	6	220	0	1400	17	0	1	45	2.6	22	13	9	3.9	0	14.5	3	15.5	6	11.5	15	70
900377	744000	7541700	9	8	7	285	0	1500	17	0	1	47.5	3	23	12	10.5	4	0	12	2.5	18	10.5	14.5	17	80
900378	744000	7541720	12	10	5	250	0	1100	13	0.1	1	37	2.2	19	10	11.5	3	0	9	2.5	13.5	8.5	10	13	60
900379	744000	7541740	9	11	5	270	0	850	10	0	0	31.5	1.8	15.5	10.5	10.5	2.8	0	13.5	2.5	14.5	10	10	15.5	55
900380	744000	7541760	16	10	7	275	0	1200	14	0	0	41.5	2.2	20.5	11.5	10.5	3.5	0	14	2.5	17.5	11.5	11.5	29.5	65
900381	744000	7541780	22	12	6	255	0	1200	14	0	1	39.5	2.2	19.5	11.5	12.5	3.4	0	15.5	3	17	12.5	12.5	27.5	65
900382	744000	7541800	12	15	7	230	0	1300	18	0	2	42	5	18	11.5	11.5	3.2	0	15.5	2.5	17	12.5	12	16	65
900383	744000	7541820	11	20	7	270	0	1700	20	0	1.5	55	3.6	28	10	10.5	5	0	10	2	20	7.5	15.5	16.5	75
900384	744000	7541840	19	19	7	300	0	1400	19	0	0.5	48	3.8	24.5	10.5	10.5	4	0	12	1.5	14.5	6.5	12.5	16	70
900385	744000	7541860	14	65	8	290	150	1800	23	0	2.5	46.5	12	22	11	10.5	3.9	0	13	2	18	7.5	12.5	20.5	85
900386	744000	7541880	31	45	10	240	0	2200	27	0	2	49	7.5	24	8.5	9	3.7	0	7	1.5	17.5	4.8	10.5	18.5	95
900387	744000	7541900	12	14	6	230	300	1400	21	0	0.5	25.5	5	18.5	5	6.5	2.5	0	2.5	1	9.5	2.4	7	14	55
900388	744000	7541920	23	13	8	265	0	1800	24	0.1	1	36	5	16.5	7	9.5	2.8	0	4	1	16	2.4	9.5	21	75
900389	744000	7541940	16	10	7	215	0	2100	27	0	1	50	4	25.5	7.5	10	3.4	0	4.2	1	18.5	3.1	8.5	14.5	90
900390	744000	7541960	29	12	8	205	0	2100	28	0	2	55	4.2	26	8	11	4	0	4.9	1	23.5	3.6	10.5	12.5	85
900391	744000	7541980	17	8	7	230	0	2300	28	0	1.5	70	3.6	37.5	8.5	12	5.5	0	4.8	1	28	3.1	13.5	14	100

900392	744000	7542000	24	11	7	215	0	2200	26	0	1	42.5	3	27.5	10	11.5	4.1	0	7	1.5	17.5	4.4	10	16	105
900393	744200	7541400	13	14	6	265	0	1800	22	0	2	36	2.4	22.5	10.5	12.5	3.3	0	9	2.5	13.5	6	8.5	23.5	90
900394	744200	7541420	24	14	7	280	50	1800	22	0	2	41.5	2.8	24.5	10.5	14	3.8	0	9.5	2.5	15.5	5.5	9.5	24	95
900395	744200	7541440	24	12	6	260	0	1700	21	0	2.5	29.5	2.2	19.5	9	12.5	3	0	9	2	11.5	4.5	6.5	15	80
900396	744200	7541460	12	8	5	260	0	1700	20	0.1	2	23	1.8	16.5	10	13.5	2.5	0	8	3	9	3.9	6	17	80
900397	744200	7541480	23	12	7	240	0	1800	23	0.1	2	26	2.8	18	9	11.5	2.9	0	8	2	10	3.8	7.5	13.5	75
900398	744200	7541500	14	10	6	255	50	1800	23	0	2	27.5	2.6	18.5	8.5	12	3.2	0	7	2	11.5	3.8	9	15	80
900399	744200	7541520	28	11	8	240	0	2100	26	0	1.5	37	3.2	23	9	13.5	3.8	0	7.5	2	15	4.9	9.5	16.5	90
900400	744200	7541540	15	7	7	270	0	2000	24	0	1.5	48.5	2.8	30	9	13	4.9	0	7.5	2	20	4.5	11.5	16.5	90
900401	744200	7541560	14	7	6	250	0	1700	21	0	2	36.5	2.2	24	8.5	10.5	3.8	0	8.5	2	14.5	4.5	9	12	75
900402	744200	7541580	14	8	5	295	0	1500	17	0.2	2	31.5	2	19.5	10.5	10	2.9	0	11.5	2.5	11.5	7	7.5	13	80
900403	744200	7541600	16	8	7	255	0	2100	24	0	1.5	47.5	3.2	29.5	10.5	13	4.6	0	8	2	17.5	5	12	20	105
900404	744200	7541620	13	7	6	245	50	1600	21	0	1	32	2.4	22	9	11	3.3	0	8	2	12	5	8.5	13	80
900405	744200	7541640	18	11	7	280	0	2100	24	0.2	1.5	36.5	3.2	23.5	9.5	11	3.6	0	8.5	2	14.5	6.5	8.5	14	95
900406	744200	7541660	15	8	7	245	0	2000	21	0	1.5	50	2.4	32.5	10.5	9.5	4.8	0	9.5	2.5	17.5	6	10.5	11	95
900407	744200	7541680	34	13	8	230	50	1700	20	0	1.5	44	3.2	30	10	11.5	4.5	0	10.5	2.5	16.5	6	10.5	16.5	85
900408	744200	7541700	15	10	7	280	0	1500	19	0	1.5	33.5	3.2	22.5	9.5	10	3.6	0	9.5	2	12	4.7	9	13.5	65
900409	744200	7541720	13	10	6	295	0	1400	18	0	1.5	24	3.6	16	10	9	2.5	0	11.5	2.5	8.5	5.5	7	14.5	65
900410	744200	7541740	27	11	6	295	0	1400	17	0	1.5	39	3.6	24	11	9.5	3.7	0	11.5	2.5	14	6	10	15	75
900411	744200	7541760	13	11	6	320	50	1300	17	0	2	29.5	2.4	17.5	10	10.5	2.8	0	12.5	2.5	12	5.5	8.5	17.5	65
900412	744200	7541780	13	13	7	345	0	1500	19	0	3	38	2.6	22.5	13	10.5	3.8	0	14.5	3	16	7.5	10.5	16.5	75
900413	744200	7541800	35	19	7	315	50	1600	22	0	3.5	21	2.4	12.5	11	9	2.4	0	11	2	12	4.7	7.5	12.5	80
900414	744200	7541820	20	34	8	550	100	2100	33	0.1	3	36	2	25.5	7.5	11	3.1	0	3.8	1	15.5	3.4	3.9	16	95
900415	744200	7541840	22	55	8	850	100	2400	39	0.1	2.5	85	2.2	45.5	8	16.5	7	0	4.1	1	21	3.6	6	18.5	95
900416	744200	7541860	50	70	15	850	150	2700	37	0	2	110	11	80	8	14	11	0	2.7	1	24	2.8	18	60	95
900417	744200	7541880	27	32	12	495	100	2500	36	0	2	95	4.6	50	7.5	13	8	0	3	1	22	2.7	14.5	35.5	85
900418	744200	7541900	24	25	11	340	100	2600	35	0	2	95	4.8	55	9	12	8.5	0	4.4	1	29.5	4.7	16	22.5	105
900419	744400	7541800	55	65	11	490	150	2300	34	0	2.5	120	3	50	8.5	14	13	0	3.9	1	26	3.4	11.5	24	95
900420	744400	7541780	19	26	8	310	100	2000	28	0	3	60	2.8	27.5	9.5	9.5	6.5	0	6.5	1.5	26	3.4	12	14.5	100
900421	744400	7541760	16	20	6	295	100	1900	26	0.1	2.5	48.5	2.8	24	0	9	5.5	0	5.5	1	17.5	3.6	10.5	13	95
900422	744400	7541740	33	20	8	305	50	1900	25	0.1	2	65	3	33	8	9.5	7	0	6	1.5	21.5	3.3	12.5	15.5	90
900423	744400	7541720	15	16	6	330	50	1800	26	0.1	2	39	3.4	17	7.5	8.5	3.6	0	4.9	1	14.5	3.2	6.5	11.5	75
900424	744400	7541700	24	12	7	300	0	1600	23	0	1.5	40.5	3	19.5	7.5	9.5	4	0	5.5	1.5	14	3.8	7.5	11.5	75

900425	744400	7541680	14	12	6	250	50	1600	22	0	2	60	3.2	30.5	7	10	6	0	5	1	19	3.8	12.5	11.5	70
900426	744400	7541660	26	13	7	240	100	1800	22	0	1.5	50	2.6	27	7	10.5	4.4	0	5	1	17.5	4.4	13	13	90
900427	744400	7541640	16	13	6	225	0	1800	24	0	1	60	3.2	29	6.5	13	5	0	4.3	1	22.5	5.5	17	12.5	70
900428	744400	7541620	27	14	8	230	100	2400	25	0	1	70	2.8	35.5	7.5	14.5	6	0	4	1	28.5	4.9	18	15.5	80
900429	744400	7541600	17	16	8	300	50	2500	31	0.1	1.5	80	5.5	39.5	8.5	16	7	0	5.5	1.5	28	5.5	21	19.5	95
900430	744400	7541580	29	17	8	300	50	2100	27	0.4	1.5	65	4.6	31	8.5	18	6	0	5.5	1.5	25	4.9	18	20.5	80
900431	744400	7541560	14	15	7	295	100	2100	24	0.1	1	55	4	28.5	8.5	16	5	0	5.5	1.5	20	3.9	15.5	18.5	80
900432	744400	7541540	20	12	7	260	0	1900	22	0.2	1	60	3	30	8.5	14.5	5	0	7	1.5	20.5	3.9	13	15.5	70
900433	744400	7541520	14	13	6	290	50	1900	22	0.1	1.5	60	2.8	29.5	9	15	5.5	0	8	1.5	22	4.9	16.5	18	80
900434	744400	7541500	21	13	6	275	0	1700	20	0	1	50	2.4	25.5	7.5	14	4.8	0	6.5	1	19.5	4.5	15	16	70
900435	744400	7541480	16	11	6	215	0	1800	22	0	1	50	2.2	26	7	14.5	4.7	0	6.5	1	18.5	4	14	16.5	75
900436	744400	7541460	14	12	6	300	0	1800	22	0	1	47	2.2	24	7	15	4.3	0	5.5	1	18	3.9	14	17	65
900437	744400	7541440	13	12	7	320	0	2200	26	0.1	1	50	2.8	25.5	9	15	4.6	0	5.5	2	19	4.9	14.5	18.5	75
900438	744400	7541420	16	13	7	315	0	1800	22	0.1	1	50	2.8	25	8.5	15.5	4.7	0	7	1.5	19.5	4.8	16	18	65
900439	744400	7541400	8	9	5	270	0	1300	16	0.2	0	42.5	2	21.5	6.5	15.5	3.8	0	6	1.5	16	3.5	12	16	50
900440	741600	7541300	24	14	9	275	50	2100	23	0.2	3	55	3.4	28	8	13.5	4.7	0	6.5	2.5	20	7	12.5	18.5	70
900441	741600	7541280	16	25	11	265	0	2100	29	0.3	4	45.5	8	22.5	9.5	14.5	3.8	0	10	2.5	17	10	12	17.5	70
900442	741600	7541260	24	16	10	270	0	1900	27	0.1	3.5	47.5	5	23.5	9	14.5	4.1	0	9.5	2	17	8.5	11.5	15.5	70
900443	741600	7541240	22	16	12	325	100	1800	25	0	3.5	43.5	6	21	9	14.5	3.8	0	10	2	15.5	9	12	15.5	65
900444	741600	7541220	19	15	10	275	100	1500	20	0	3	34.5	3.4	17.5	8.5	15.5	3.1	0	11.5	2	13	8	9	16.5	55
900445	741600	7541200	37	21	13	335	0	2100	29	0	2.5	50	5	24.5	9	14.5	4.3	0	7.5	1.5	17	8.5	13	16	70
900446	741600	7541180	19	15	12	330	0	1900	24	0.1	2.5	40	3.4	20.5	8.5	14.5	3.5	0	8.5	1.5	14	8	12.5	16	60
900447	741600	7541160	21	18	13	300	0	2600	31	0.2	2.5	60	4	30	9.5	15	5	0	8.5	2	21.5	9	13.5	18	80
900448	741600	7541140	34	28	15	380	0	2700	29	0.1	2	60	4	31	10.5	14	5.5	0	8	2	21.5	10	15	18.5	85
900449	741600	7541120	21	24	14	365	50	2400	28	0.1	2	60	4.4	29.5	11.5	15	5	0	10	2	20.5	10.5	15.5	17.5	80
900450	741600	7541100	39	39	18	410	50	2500	26	0	2.5	55	7	28.5	12.5	14.5	4.9	0	10.5	2.5	19.5	12.5	17	20.5	85
900451	741600	7541080	14	11	11	325	50	1800	20	0	1.5	48	3.8	23	11.5	14.5	4.2	0	12.5	2.5	18.5	11.5	13	18	75
900452	741600	7541060	15	11	11	325	50	1500	19	0	2	43	4	21	11	14.5	3.8	0	13	2.5	16.5	10.5	13	17.5	70
900453	741600	7541040	19	13	8	345	50	1700	19	0	2	50	3.2	24	11.5	17	4.6	0	15	2.5	21	13	15	16.5	80
900454	741600	7541020	11	14	7	320	0	1500	16	0	2	55	3.2	27	10.5	15.5	4.7	0	14	2.5	19	10.5	14	20	75
900455	741600	7541000	11	28	9	420	0	2200	24	0	2.5	60	4.6	30	10.5	13.5	5.5	0	13	2.5	21.5	10.5	15.5	30	80
900456	741600	7540980	20	19	7	340	50	1400	15	0	2	49	3.2	23.5	10.5	16	4.5	0	14.5	2.5	19.5	12	14	20.5	80
900457	741600	7540960	10	18	7	285	50	1700	19	0	2	60	3.8	27	13	18.5	5.5	0	17.5	3	27.5	17.5	23	20.5	95

900458	741600	7540940	9	11	7	325	0	1300	14	0	2	43	2.4	21.5	10	16	4.3	0	14.5	2.5	22	12.5	16	21.5	70
900459	741600	7540920	20	18	8	260	50	1700	18	0	2	60	3.6	28	10.5	18	5	0	13.5	2	25	12.5	18	60	85
900460	741600	7540900	15	13	13	205	50	2200	22	0	3	65	6	31.5	11.5	19	5.5	0	13.5	2.5	26	13.5	18.5	26.5	85
900461	741600	7540880	15	14	10	240	250	2000	22	0	3	60	4.4	31.5	9.5	15	5.5	0	10.5	2	24	11.5	17	18.5	90
900462	741600	7540860	23	12	9	240	0	1900	20	0	2.5	60	4	29	8.5	15.5	5	0	9.5	2	22.5	10.5	14.5	15	80
900463	741600	7540840	12	14	7	280	50	1800	20	0	1.5	60	3.4	30.5	7.5	17	5.5	0	8.5	1.5	23.5	8.5	13.5	17	75
900464	741600	7540820	17	16	8	280	0	1700	21	0	2	48	3	25	7	18	4.3	0	9	1.5	18	6.5	11.5	15.5	65
900465	741600	7540800	13	15	8	280	0	2000	23	0	2	50	3.2	26	7.5	16.5	4.5	0	7.5	1.5	19.5	6	13	15	80
900466	741400	7541300	20	13	8	295	50	1900	24	0	2.5	50	3	26	8	14.5	4.3	0	8	2	18	5.5	11	15.5	70
900467	741400	7541280	10	12	7	335	0	1500	20	0	2	42.5	2.4	21.5	7.5	13.5	3.5	0	8	1.5	16	7	10	13	60
900468	741400	7541260	18	9	8	300	50	1900	20	0	2	55	2.4	27	7.5	14	4.5	0	8	1.5	19	6	10.5	15	65
900469	741400	7541240	12	11	7	255	100	1900	22	0.1	3.5	55	3.2	27	9	16	4.6	0	7.5	2	20.5	6.5	12	15.5	75
900470	741400	7541220	19	14	8	270	50	1900	26	0	2.5	55	3.8	26	8.5	15	4.7	0	7	2	20	7.5	13	15	70
900471	741400	7541200	10	10	6	230	100	1500	18	0	2	40.5	2.6	19.5	8	14.5	3.4	0	7.5	2	15.5	6	10.5	13	65
900472	741400	7541180	30	20	12	275	50	1800	23	0.2	4	55	5	27.5	10	19.5	4.9	0	9	2	20	9	14	23	80
900473	741400	7541160	10	12	7	245	50	1800	19	0.2	2	55	3.8	26	10	15	4.7	0	9.5	2	20	10	12.5	15	80
900474	741400	7541140	17	13	9	315	50	1600	20	0	1.5	47.5	4.2	23	10	14.5	4.2	0	10	2	18	12	12.5	15	70
900475	741400	7541120	9	12	8	290	50	1700	20	0	2.5	50	5	25	11	15	4.5	0	10.5	2.5	20.5	14	13.5	16	75
900476	741400	7541100	21	15	9	305	100	1600	21	0	2	55	6	24	12	17	4.6	0	13.5	3	22.5	14.5	14	17.5	70
900477	741400	7541080	10	15	8	290	100	1600	19	0.1	2	49	5	23.5	11.5	16	4.2	0	11.5	3	19.5	10	12.5	19	70
900478	741400	7541060	18	27	12	440	100	2000	23	0	2	65	8.5	31	13	15	5.5	0	11	2.5	23.5	10.5	15.5	18.5	80
900479	741400	7541040	12	75	8	800	150	1700	24	0	3	46.5	2.6	23	10	12.5	4	0	11	2	17.5	7.5	14.5	20.5	65
900481	741400	7541000	42	19	30	380	100	3300	34	0	2.5	75	7.5	35.5	17.5	24.5	6	0	9	2.5	24.5	11	15.5	43	90
900482	741400	7540980	18	15	16	265	50	2300	25	0	3	65	5	31	13	21	5	0	10	2.5	23	8.5	16	28.5	90
900483	741400	7540960	24	13	14	275	100	2000	24	0	2.5	55	4.2	27.5	11	17.5	4.8	0	8.5	2	22	8.5	15	20	90
900484	741400	7540940	11	11	11	285	100	1900	24	0	4	55	4.2	27.5	10.5	17	4.7	0	9.5	2	21.5	9	14.5	18	80
900485	741400	7540920	24	13	10	270	100	2100	23	0	1.5	65	3.2	32	9.5	17	5.5	0	7	1.5	25	7	14.5	17.5	80
900486	741400	7540900	16	11	10	255	50	2100	23	0	2	65	3.6	31.5	9	16	5	0	6	1.5	24	7	14.5	16.5	80
900487	741400	7540880	21	11	10	310	100	2000	23	0	2.5	60	3.4	31	8.5	15.5	5	0	5.5	1.5	25	7	14.5	14.5	80
900488	741400	7540860	17	11	11	200	100	2400	27	0	2.5	70	3.6	35.5	9.5	15	6	0	5	2.5	26	7	16	17	90
900489	741400	7540840	21	13	11	465	50	2400	31	0	3	65	4	32	9	16	5.5	0	5.5	1.5	23	7	16	17.5	90
900490	741400	7540820	14	10	10	245	100	2200	27	0	2.5	55	3.4	27	8.5	16	4.7	0	5.5	1.5	19.5	5	14	18	75
900491	741400	7540800	26	19	11	200	100	1800	25	0	2.5	45	3.8	23	8	17	4	0	5.5	1.5	16.5	4.9	14	21	75

900492	741200	7541200	12	9	9	250	50	2000	26	0	3.5	60	4	28.5	10	14.5	4.8	0	7	2.5	21	9.5	13.5	13.5	80
900493	741200	7541180	17	11	9	250	100	2000	24	0	4	55	3.4	27	11	14	4.8	0	8.5	2.5	20.5	10.5	14	15.5	85
900494	741200	7541160	9	7	8	330	100	1500	16	0	2.5	45	2	22	10	14.5	3.8	0	9	2.5	16.5	7.5	10.5	14	60
900495	741200	7541140	16	12	10	335	0	1700	20	0	4	50	3.2	24.5	12	14	4.4	0	10.5	3	21	10.5	13	15.5	75
900496	741200	7541120	12	11	10	320	0	1700	20	0	3.5	50	3.6	24.5	12.5	15	4.4	0	11	3	20.5	11.5	14.5	17	75
900497	741200	7541100	19	13	11	415	50	1600	19	0	2.5	50	3.8	23.5	13	16.5	4.3	0	12	3	20	11	13	19	70
900498	741200	7541080	14	16	12	400	0	1500	17	0	2.5	48	4.2	22	14	16	3.9	0	14.5	3.5	19	10	13	17	65
900499	741200	7541060	17	15	13	450	50	1600	18	0	2	46	4.4	21	15.5	17.5	4	0	16	4	19.5	11	14	17	75
900500	741200	7541040	14	10	11	375	0	1600	17	0	2	44.5	4.6	21	14	14.5	3.7	0	13.5	3.5	16.5	8.5	12	17	75
900501	741200	7541020	50	34	28	550	100	2900	34	0	3.5	70	10	35	19.5	11	5.5	0	8.5	3	18	9.5	16.5	28	90
900502	741200	7541000	8	19	7	430	0	1500	18	0	2	48	4.4	24	11.5	11.5	4	0	11.5	3	19	8	11.5	15.5	75
900503	741200	7540980	13	11	7	345	50	1300	16	0	1.5	41.5	3.4	20	10.5	12.5	3.5	0	13	3	15.5	9	11	14.5	70
900504	741200	7540960	7	10	6	310	0	1400	17	0	1.5	46.5	3.6	22	10.5	14.5	4.1	0	10.5	2.5	17.5	11	11.5	15	75
900505	741200	7540940	20	12	10	380	50	1500	18	0	1.5	50	4	25	9.5	15	4.4	0	9.5	2.5	18.5	9.5	12.5	16	70
900506	741200	7540920	15	10	10	365	0	1700	22	0	2.5	60	3.6	29	9.5	14.5	4.9	0	8.5	2	21	9.5	12.5	14.5	70
900507	741200	7540900	26	12	11	300	50	2000	25	0	1.5	60	4	29.5	9.5	14	5	0	7	2	21.5	8.5	13	15	75
900508	741200	7540880	20	11	10	240	150	2000	25	0	2	60	3.4	29.5	9	16.5	5	0	7	2	21.5	8	12.5	18	75
900509	741200	7540860	26	11	10	245	0	2000	24	0	2	60	2.8	29.5	8.5	14	5	0	6	1.5	21.5	7	12	13.5	80
900510	741200	7540840	16	10	10	240	50	2300	28	0	2	60	4.4	30	9	14.5	5	0	6	1.5	22	7	14.5	14.5	90
900511	741200	7540820	27	12	12	220	0	2400	31	0.2	2	65	4.4	31.5	10	15.5	5.5	0	6.5	1.5	23.5	7	15.5	18	95
900512	741200	7540800	20	19	12	300	0	1900	28	0	2	50	4.4	25.5	8.5	16	4.3	0	7.5	1.5	18	6	15	15.5	80
900513	741200	7540780	15	11	11	220	100	2000	27	0	2	50	4.4	25.5	9	16.5	4.4	0	6.5	1.5	18	5.5	15	17	85
900514	741200	7540760	19	13	11	260	0	1800	26	0.1	2	44	4	22	8.5	16.5	3.8	0	6.5	1.5	15.5	5.5	13.5	21	75
900515	741200	7540740	14	14	11	300	50	1900	25	0	2.5	49	4	25	9.5	16.5	4.5	0	7	2	18	6	16.5	19.5	90
900516	741200	7540720	25	14	12	385	100	1800	26	0.1	2.5	47	4.6	23.5	10.5	17.5	4.3	0	9.5	2.5	17.5	6.5	15.5	19.5	85
900517	741200	7540700	16	10	10	315	0	2000	25	0.3	2	55	5	26.5	13	19	4.9	0	12	3	20.5	7.5	16.5	22.5	100
900518	741000	7541200	31	19	12	255	50	2000	23	0.2	2	44	3.2	22.5	10.5	14.5	3.8	0	7	2.5	16.5	6	11.5	16	80
900519	741000	7541180	16	55	12	225	50	2100	23	0	2.5	55	3.4	27	11	14.5	4.5	0	6.5	2	19.5	6.5	14	15	85
900520	741000	7541160	24	27	15	250	50	2100	25	0	2.5	55	3.2	27.5	11.5	15	4.6	0	8	2	19.5	8.5	15	17	85
900521	741000	7541140	29	24	14	275	50	1700	22	0	2.5	42.5	3.2	21	11	14.5	3.6	0	8.5	2	16	7.5	12	17	75
900522	741000	7541120	15	50	14	245	100	2000	25	0	3.5	55	3.8	27	13	14.5	4.7	0	11.5	2.5	21.5	12.5	17	16.5	90
900523	741000	7541100	19	29	14	290	50	1900	24	0	3.5	55	4.4	27	13	15	4.6	0	12	3	23	12.5	15.5	18.5	95
900524	741000	7541080	14	28	14	335	100	1700	22	0	3.5	49	4.4	24	13	14	4.3	0	13	3	19	14	15.5	16.5	85

900525	741000	7541060	23	31	16	360	50	1700	21	0	3.5	46.5	5	22.5	14	14	3.9	0	13	3.5	18	15	14	19.5	75
900526	741000	7541040	17	27	15	360	0	1900	23	0	3	60	5.5	28.5	16	16	5	0	14.5	3.5	22.5	14.5	16	20.5	90
900527	741000	7541020	25	36	18	415	0	1800	22	0.2	3	50	6.5	24.5	16	17	4.2	0	13.5	3.5	19.5	15	15.5	17.5	85
900528	741000	7541000	43	55	36	500	100	2900	33	0.2	4	55	9.5	27.5	21.5	15.5	4.5	1	13	3.5	19	15.5	16	29	95
900529	741000	7540980	20	50	12	1100	50	1500	23	0	3	44.5	5.5	22.5	12	12	3.9	0	13	2.5	16.5	10.5	16	17.5	75
900530	741000	7540960	8	19	11	465	50	1300	16	0	2	39	11.5	19	12.5	12.5	3.4	0	16	3	15.5	12.5	13	21	75
900531	741000	7540940	17	18	10	360	50	1300	16	0	1.5	40.5	6.5	20	10	13	3.5	0	11.5	2.5	16	9.5	12	16.5	75
900532	741000	7540920	10	17	9	335	0	1700	19	0	2	55	5.5	27.5	11	15	4.9	0	11.5	2.5	21	10.5	15	19.5	95
900533	741000	7540900	19	26	10	335	0	1700	20	0	2.5	55	6	27	10	14.5	4.7	0	9.5	2	21	11.5	15	16	95
900534	741000	7540880	10	21	9	265	0	1700	20	0	2.5	60	4.8	28.5	9	14	4.9	0	9	2	21.5	12	14	14.5	90
900535	741000	7540860	15	55	9	250	100	1900	21	0	2.5	65	3.8	33	9.5	15	5.5	0	8.5	2	23.5	10.5	15	17.5	105
900536	741000	7540840	10	23	9	210	50	1900	21	0	2	60	3.6	29.5	9	14.5	4.9	0	8.5	2	21	12.5	15	15	90
900537	741000	7540820	18	23	9	190	0	1800	23	0	3.5	55	3.6	27.5	8.5	15.5	4.6	0	8	1.5	20	9.5	14.5	16	90
900538	741000	7540800	14	21	9	210	0	2100	25	0.1	3	60	4.2	31.5	9.5	17.5	5.5	0	8	1.5	23.5	10	16.5	18.5	100
900539	741000	7540780	20	22	9	190	0	2000	25	0	3	65	3.4	32	9	17.5	5.5	0	7.5	1.5	25	8	16.5	18.5	90
900540	741000	7540760	13	18	11	250	0	2100	27	0	3.5	55	4	28	10	18	4.9	0	8	2	21.5	7	15	19	95
900541	741000	7540740	19	24	11	255	0	2000	27	0	2.5	55	4.4	27	10.5	19	4.9	0	9.5	2	21	8.5	16	25	100
900542	741000	7540720	14	38	10	210	0	2100	27	0	2.5	55	4.6	27.5	11	17	5	0	7.5	2.5	21.5	7.5	16	22	95
900543	741000	7540700	18	18	9	240	0	1800	23	0	2.5	48.5	3.2	25	9.5	16.5	4.3	0	6.5	2	18.5	5.5	13.5	21	85
900544	741000	7540680	10	21	8	265	0	1900	23	0	2	55	4.4	26.5	10	17.5	4.7	0	7.5	2	19.5	6.5	15.5	19.5	90
900545	741000	7540660	17	22	10	250	0	1800	25	0	2.5	50	5.5	24	12	16	4.4	0	9.5	2.5	20	10	16	21	90
900546	741000	7540640	10	18	7	220	0	1500	21	0.1	2.5	44.5	3	22.5	9	17	3.9	0	7	2	17.5	7.5	13.5	23.5	85
900547	741000	7540620	18	27	10	275	50	1700	23	0.1	2.5	60	4.4	27.5	14	19.5	5.5	0	15	3	23.5	12.5	22.5	25.5	95
900548	741000	7540600	9	13	7	440	0	1300	17	0	3	50	2.6	26	22	23.5	5.5	0	27.5	5	30	14.5	30.5	27.5	105
900549	740800	7541200	15	14	8	210	0	1600	21	0	1.5	42.5	2.2	21.5	9	15.5	3.8	0	7.5	1.5	17.5	6	12	13.5	80
900550	740800	7541180	11	11	8	145	0	1500	18	0	2.5	41	2	20.5	9.5	14.5	3.6	0	9	2	17	6.5	14	12.5	80
900551	740800	7541160	23	20	11	190	50	1900	24	0	3	55	3	28.5	11	14.5	5	0	10	2	23	10.5	16	16	95
900552	740800	7541140	15	18	10	210	0	1700	24	0	3	48	3.4	25	10	15	4.3	0	9	2	18.5	9.5	14	18.5	80
900553	740800	7541120	35	16	12	245	0	2100	24	0	3.5	60	3.6	30.5	11.5	14	5	0	7.5	2	23	9.5	15.5	15.5	95
900554	740800	7541100	23	12	11	165	100	2000	24	0	3.5	60	3.4	30.5	12	14	5	0	9	2.5	22.5	10	14.5	16.5	95
900555	740800	7541080	22	13	10	185	0	1800	21	0	3.5	60	3	32	11.5	15	5	0	9.5	2.5	24.5	10	14	15.5	95
900556	740800	7541060	19	11	11	225	0	1900	23	0	3.5	55	3.8	29.5	13.5	14.5	4.9	0	11.5	2.5	24	11.5	16	14.5	95
900557	740800	7541040	26	13	11	200	0	1700	21	0	3	60	4.4	29.5	12.5	15	5	0	11	2.5	25.5	12.5	16.5	17	95

900558	740800	7541020	15	10	12	260	0	1500	19	0	2	50	4.2	25	12.5	15	4.5	0	11.5	3	24	13	15	18	95
900559	740800	7541000	19	10	9	210	50	1500	18	0	2	60	4.6	27.5	13	15	5	0	14	3	27.5	14.5	17	15.5	100
900560	740800	7540980	13	10	9	220	0	1500	18	0	2	60	5	29	12.5	15	5	0	12	3	26.5	13.5	17	18	95
900561	740800	7540960	26	15	11	255	0	1800	22	0	2	65	5.5	32	12.5	14.5	5.5	0	10.5	2.5	26	12	17	20	105
900562	740800	7540940	60	55	21	420	0	3400	38	0.1	5.5	65	8.5	33	17.5	14	5.5	0	6.5	2.5	20	16	21	24	105
900563	740800	7540920	13	12	8	250	0	1600	17	0	3.5	60	4.8	29.5	12.5	15.5	5	0	11	3	24	12	16	16.5	110
900564	740800	7540900	10	10	8	245	50	1500	18	0	2.5	50	3.6	24.5	12	16.5	4.4	0	12.5	3	23	12	15	18.5	95
900565	740800	7540880	15	12	8	240	50	1500	17	0.1	3	55	4	25.5	12.5	19	4.7	0	13.5	3	25	14	16	18	100
900566	740800	7540860	9	9	7	265	0	1400	17	0	3	65	3.2	30.5	12.5	19	5.5	0	14	3	29	14.5	18	22.5	105
900567	740800	7540840	19	11	8	205	0	1700	19	0	2.5	70	3.4	34	12	18	6	0	12	2.5	29.5	11.5	18	19	110
900568	740800	7540820	11	10	7	225	0	1600	18	0	2	65	3.2	32	11.5	17	5.5	0	10.5	2.5	27.5	12	16.5	18.5	105
900569	740800	7540800	19	11	8	225	0	1800	21	0	2	60	3.2	30.5	11	18	5.5	0	10	2.5	25.5	9.5	15.5	18.5	95
900570	740800	7540780	15	8	8	205	50	1700	22	0	2.5	55	3.6	27.5	11	17	4.9	0	9	2.5	24	9	15	16.5	95
900571	740800	7540760	23	13	9	210	100	1600	22	0.2	2.5	49	3.8	24	11	17.5	4.5	0	10.5	2.5	22	9.5	15	17	85
900572	740800	7540740	13	10	9	285	50	2000	26	0	2.5	60	3.6	30.5	12.5	15.5	5.5	0	9	3	23	8	17	21	100
900573	740800	7540720	27	11	10	310	100	1500	21	0	1.5	50	3	26	11	16	4.6	0	9.5	2.5	21.5	7	13.5	19	80
900574	740800	7540700	11	14	8	285	50	1600	23	0	2.5	55	3.2	27.5	10.5	16.5	4.6	0	8.5	2.5	22	7.5	14.5	19.5	85
900575	740800	7540680	21	13	11	260	0	1800	27	0	3	60	4.2	29.5	9.5	15.5	5	0	7	2	22	8.5	15	18	100
900576	740800	7540660	15	18	9	255	0	1900	26	0.1	2.5	55	4	28	10.5	15.5	4.8	0	7.5	2	19.5	9	15	26	85
900577	740800	7540640	19	13	8	260	50	1600	20	0	2	46.5	2.8	23.5	10	15	4	0	8	2	18	8.5	12.5	20	80
900578	740800	7540620	17	19	9	215	50	2300	31	0	3	60	4	30	9.5	16	4.8	0	5	1.5	21	7.5	13.5	21	100
900579	740800	7540600	17	13	8	225	0	2100	26	0	1.5	60	3.4	29.5	8.5	15	4.9	0	2.9	1.5	20.5	4.6	14	18	110
900580	740600	7540700	13	9	8	175	0	1500	19	0	2	43.5	2.2	21.5	9	16	3.8	0	7.5	2	18.5	7.5	11.5	16	80
900581	740600	7540720	13	12	9	225	0	1600	20	0	2	48.5	2.6	24	10.5	16	4.2	0	8	2	20.5	8.5	15	17.5	90
900582	740600	7540740	14	12	9	200	50	1600	20	0	1.5	50	2.8	25.5	10.5	16	4.6	0	8	2	20.5	10	13	17	85
900583	740600	7540760	7	7	6	190	0	1000	14	0	1.5	31.5	1.8	16	8.5	13.5	2.8	0	7	2	15.5	8	9	14.5	55
900584	740600	7540780	14	12	10	240	0	1900	24	0	2	49.5	3	25.5	11	15	4.4	0	8	2.5	21.5	9	13	17	90
900585	740600	7540800	31	16	13	275	0	2400	29	0	2.5	65	4	34	12.5	14.5	6	0	7.5	2.5	25.5	11	16	20	105
900586	740600	7540820	16	15	12	215	0	2300	26	0	2.5	80	4.2	41.5	13	14.5	6	0	8.5	2.5	25.5	11.5	17	16.5	100
900587	740600	7540840	17	17	13	220	50	1500	20	0	2	46	3.6	23	12.5	13.5	4	0	11	3	18.5	10	12.5	17.5	70
900588	740600	7540860	34	23	15	245	0	2200	24	0	2.5	60	4.2	30.5	14.5	13.5	5	0	9.5	3	21.5	10	15	17	95
900589	740600	7540880	16	15	13	275	50	1900	21	0	3	60	4.4	29	16	13.5	5	0	11.5	4	23.5	13	16.5	17	90
900590	740600	7540900	31	28	26	290	50	2300	26	0	3.5	50	8.5	26.5	16	12	4.4	0	8.5	3	19	11.5	16.5	19	90

900591	740600	7540920	28	55	14	285	0	2200	26	0	2.5	65	7.5	32	12.5	14.5	6	0	8.5	2.5	24	11.5	19	18	105
900592	740600	7540940	21	35	12	215	0	2200	28	0	2.5	55	6	29	10.5	14	5	0.5	6.5	2	22	9.5	17	19.5	100
900593	740600	7540960	17	26	11	205	0	2100	27	0	2	60	5.5	29.5	11.5	15	5	0	8	2.5	22.5	10	16.5	18	95
900594	740600	7540980	24	20	10	230	100	2000	23	0	2	60	3.4	32.5	11	15	5.5	0	7.5	2.5	23.5	9	18.5	17.5	90
900595	740600	7541000	18	17	11	215	50	1900	23	0	2.5	55	3.6	27.5	10.5	13.5	5	0	7	2	22	9	17.5	12.5	95
900596	740600	7541020	16	15	9	220	100	1900	24	0.1	3	55	3.4	29	10	15	5	0	7.5	2	22.5	8.5	16.5	15.5	95
900597	740600	7541040	65	60	37	400	200	3500	65	0	13	115	17.5	46.5	17.5	20.5	8	0	8.5	2	31	14.5	23.5	24.5	130
900598	740600	7541060	15	13	9	205	100	1800	22	0.2	2.5	55	3	28	9.5	15.5	4.9	0	7.5	2	22	7.5	15	15	85
900599	740600	7541080	17	15	10	210	0	2000	28	0.1	3	60	4.8	29.5	10	14.5	5	0	6	1.5	22	7.5	18	18.5	95
900600	740600	7541100	39	20	13	195	50	2400	30	0	2.5	65	4.8	35	11	15.5	6	0	6.5	1.5	25	6.5	20.5	21.5	115

Appendix 6 – Airborne radiometric & magnetic survey specifications

3 AIRCRAFT AND SURVEY EQUIPMENT

The UTS navigation flight control computer, data acquisition system and geophysical sensors were installed into a specialised geophysical survey aircraft.

The list of geophysical and navigation equipment used for the survey is as follows:

General Survey Equipment

- FU24 – 954 fixed wing survey aircraft.
- UTS proprietary flight planning and survey navigation system.
- UTS proprietary high speed digital data acquisition system.
- Novatel, 12 channel precision navigation GPS.
- OMNISTAR real time differential GPS system.
- UTS LCD pilot navigation display and external track guidance display.
- UTS post mission data verification and processing system.
- Bendix/King KRA-405 radar altimeter.

Magnetic Data Acquisition Equipment

- UTS tail stinger magnetometer installation.
- Cesium Vapour total field magnetometer.
- Fluxgate three component vector magnetometer.
- RMS Aeromagnetic Automatic Digital Compensator (AADC II).
- Diurnal monitoring magnetometer (Scintrex Envimag or Geometrics GR-856).

Radiometric Data Acquisition Equipment

- Exploranium GR-820 gamma ray spectrometer.
- Exploranium gamma ray detectors.
- Barometric altimeter (height and pressure measurements).
- Temperature and humidity sensor.

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3.1 Survey Aircraft

The aircraft used for this survey was a FU24-950 series fixed wing survey aircraft, owned and operated by UTS Geophysics, registration VH-HVP.

The specifications are as follows:

Power Plant

- Engine Type Single engine, Lycoming, IO-720
- Brake Horse Power 400 bhp
- Fuel Type AV-GAS

Performance

- Cruise speed 105 Kn
- Survey speed 100 Kn
- Stall speed 45 Kn
- Range 970 Km
- Endurance (no reserves) 5.6 hours
- Fuel tank capacity 490 litres

3.2 Data Positioning and Flight Navigation

Survey data positioning and flight line navigation was derived using realtime differential GPS (Global Positioning System).

Navigation was performed using a UTS designed and built electronic pilot navigation system providing computer controlled digital navigation instrumentation mounted in the cockpit as well as an externally mounted track guidance system.

GPS derived positions were used to provide both aircraft navigation and survey data location information.

The GPS systems used for the survey were:

- Aircraft GPS Model Novatel
- Sample rate 0.5 Seconds (2 Hz)
- GPS satellite tracking channels 12 parallel
- Typical differentially corrected accuracy 1-2 metres (horizontal)

3-5 metres (vertical)

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3.3 UTS Data Acquisition System and Digital Recording

All geophysical sensor data and positional information measured during the survey was recorded using a UTS developed, high speed, precision data acquisition system. Survey data was downloaded onto magnetic tape on completion of each survey flight.

Instrument synchronisation times were measured and removed in realtime by the UTS data acquisition system.

3.4 Altitude Readings

Accurate survey heights above the terrain were measured using a King radar altimeter installed in the aircraft. The height of each survey data point was measured by the radar altimeter and stored by the UTS data acquisition system.

- Radar altimeter models Bendix/King KRA-405
- Accuracy 0.3 metres
- Resolution 0.1 metres
- Range 0 - 762 metres
- Sample rate 0.1 Seconds (10Hz)

The digital terrain model is calculated by subtracting the terrain clearance

(radar altimeter) from the GPS height (interpolated to 0.1 Hz), and as such the accuracy is constrained by the differentially corrected GPS position.

3.5 UTS Stinger Mounted Magnetometer System

The installation platform used for the acquisition of magnetic data was a tail mounted stinger. This proprietary stinger system was constructed of carbon fibre and designed for maximum rigidity and stability.

Both the total field magnetometer and three component vector magnetometer were located within the tail stinger.

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3.6 Total Field Magnetometer

Total field magnetic data readings for the survey were made using a Cesium Vapour Magnetometer. This precision sensor has the following specifications:

- Model Cesium Vapour Magnetometer
- Sample Rate 0.1 seconds (10Hz)
- Resolution 0.001nT
- Operating Range 15,000nT to 100,000nT

3.7 Three Component Vector Magnetometer

Three component vector magnetic data readings for the survey were made using a Fluxgate Magnetometer. This precision sensor has the following specifications:

- Model Fluxgate Magnetometer
- Sample Rate 0.1 seconds (10Hz)
- Resolution 0.1nT
- Operating Range -100,000nT to 100,000nT

3.8 Aircraft Magnetic Compensation

At the start of the survey, the system was calibrated for reduction of magnetic heading error. The heading and manoeuvre effects of the aircraft on the magnetic data was removed using an RMS Automatic Airborne Digital Compensator (AADC II).

Calibration of the aircraft heading effects were measured by flying a series of pitch, roll and yaw manoeuvres at high altitude while monitoring changes in the three axis magnetometer and the effect on total field readings. A 26 term model of the aircraft magnetic noise covering permanent, induced and eddy current fields was determined. These coefficients were then applied to the data collected during the survey in real-time.

UTS static compensation techniques were also employed to reduce the initial magnetic effects of the aircraft upon the survey data.

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3.9 Diurnal Monitoring Magnetometer

A base station magnetometer was located in a low gradient area beyond the region of influence of any man made interference to monitor diurnal variations during the survey.

The specifications for the magnetometer used are as follows:

- Model Scintrex Envimag or Geometrics GR-856
- Resolution 0.1 nT
- Sample interval 5 seconds (0.2 Hz)
- Operating range 20,000nT to 90,000nT
- Temperature -20°C to +50°C

3.10 Barometric Altitude

An Air DB barometric altimeter was installed in the aircraft so as to record and monitor barometric height and pressure. The data was recorded at 0.10 second intervals and is used for the reduction of the radiometric data.

- Model Air DB barometric altimeter
- Accuracy 2 metres
- Height resolution 0.1 metres
- Height range 0 - 3500 metres
- Maximum operating pressure: 1,300 mb
- Pressure resolution: 0.01 mb
- Sample rate 10 Hz

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3.11 Temperature and Humidity

Temperature and humidity measurements were made during the survey at a sample rate of 10Hz. Ambient temperature was measured with a resolution of 0.1 degree Celsius and ambient humidity to a resolution of 0.1 percent.

3.12 Radiometric Data Acquisition

The gamma ray spectrometer used for the survey was capable of recording 256 channels and was self stabilising in order to minimise spectral drift. The detectors used contain thallium activated sodium iodide crystals.

Thorium source measurements were made each survey day to monitor system resolution and sensitivity. A calibration line was also flown at the start and end of each survey day to monitor ground moisture levels and system performance.

Spectrometer model Exploranium GR820

- Detector volume 32 litres
- Sample rate 1 Hz

Appendix 7 – Expenditure form

NORTHERN TERRITORY EXPLORATION EXPENDITURE FOR MINERAL TENEMENT
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Section 1. Tenement type, number and operation name: (One licence only per form even if combined reporting has been approved)

Type	<i>Exploration Licence</i>
Number	<i>24566</i>
Operation Name (optional)	<i>Ngalia Thrust</i>

Section 2. Period covered by this return:

Twelve-month period:		If Final Report:	
From	21/10/08	From	
To	20/10/09	To	
Covenant for the reporting period:		\$200,000	

Section 3. Give title of accompanying technical report:

Title of Technical Report	<i>Ngalia Thrust Annual Technical Report on EL 24566 for the period 21/10/2008 to 20/10/2009</i>
Author	<i>Jason Cherry</i>

Section 4. Locality of operation:

Geological Province	<i>Arunta Inlier</i>
Geographic Location	<i>1:250,000 map sheet – Mount Doreen; 1:100,000 map sheets – Doreen, Yuendumu</i>

Section 5. Work program for the next twelve months:

Activities proposed (please mark with an "X"):	
☒ Drilling and/or costeaning	☒ Airborne geophysics
☐ Literature review	☐ Ground geophysics
☒ Geological mapping	☐ Other:
☒ Rock/soil/stream sediment sampling	
Estimated Cost: \$450,000	

Section 6. Summary of operations and expenditure:

Please include salaries, wages, consultants fees, field expenses, fuel and transport, administration and overheads under the appropriate headings below. Mark the work done for the appropriate subsections with an "X" or similar, except where indicated. Complete the right-hand columns to indicate the data supplied with the Technical Report.

Do not include the following as expenditure (if relevant, these may be

- | | | |
|-----------------------------|------------------|-------------------------------------|
| • Insurance | • Transfer costs | • Land Access Compensation |
| • Company Prospectus | • Title Search | • Meetings with Land Councils |
| • Rent &
Department Fees | • Legal costs | • Payments to Traditional
Owners |
| • Bond | • Advertising | • Fines |

Exploration Work type	Work Done (mark with an "X" or provide details)		Expenditure	Data and Format Supplied in the Technical Report	
				Digital	Hard copy
Office Studies					
Literature search		x			
Database compilation		x		15,220	
Computer modelling		x		2,800	
Reprocessing of data		x		19,064	
General research		x		15,000	
Report preparation		x		10,000	
General administration		x		40,000	
Tenement maintenance		x	16,145		
Access – heritage		x	25,018		
Subtotal			\$143,247		
Airborne Exploration Surveys (state line kms)					
Aeromagnetics		kms			
Radiometrics	1,913	kms		39,983	
Electromagnetics		kms			
Gravity		kms			
Digital terrain modelling		kms			
Other (specify)		kms			
Subtotal			\$39,983		
Remote Sensing					
Aerial photography					
LANDSAT					
SPOT					
MSS					
Other (specify)					
Subtotal			\$		
Ground Exploration Surveys					
<i>Geological Mapping</i>					
Regional		x		100,000	
Reconnaissance		x		50,000	
Motor vehicles		x		26,202	
Travel, food, accommod.		x		50,259	
Field consumables		x		57,360	
<i>Ground Geophysics</i>					
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics					

Exploration Work type	Work Done (mark with an "X" or provide details)	Expenditure	Data and Format Supplied in the Technical Report	
			Digital	Hard copy
SP/AP/EP				
IP				
AMT/CSAMT				
Resistivity				
Complex resistivity				
Seismic reflection				
Seismic refraction				
Well logging				
Geophysical interpretation				
Petrophysics				
Other (specify)				

Geochemical Surveying and Geochronology (state number of samples)						
Drill (cuttings, core, etc.)	374			13,607		
Stream sediment						
Soil	599			15,684		
Rock chip	38			9,482		
Laterite						
Water						
Biogeochemistry						
Isotope						
Whole rock	Portable XRF			6,750		
Mineral analysis						
Laboratory analysis (type)						
Petrology	190			190		
Analysis of old drill core						
Ground Exploration Subtotal				\$329,534		
Drilling (state number of holes & metres)						
Diamond	9	holes	1,014 metres	317,388		
Reverse circulation (RC)		holes	metres			
Rotary air blast (RAB)		holes	metres			
Air-core		holes	metres			
Auger		holes	metres			
Other (specify)		holes	metres			
Subtotal				\$317,388		
Other Operations						
Costeaming/Trenching						
Bulk sampling						
Mill process testing						
Ore reserve estimation						
Underground development (describe)						
Mineral processing						
Other (specify)						
Subtotal				\$		
Access and Rehabilitation						
Track maintenance						
Rehabilitation	X			6,900		
Monitoring						
Access preparation	X			67,137		
Subtotal				\$74,037		
TOTAL				\$904,189		

EXPENDITURE		
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Section 7. Comments on your exploration activities:

During the reporting period, exploration activities comprised the following:

- 9 diamond drill holes at the Crystal Creek prospect for a total of 1014m.
- Subsequent assay of 374 core samples for trace, major and rare earth elements.
- Downhole logging of 7 out of 9 drill holes using Prompt Fission Neutron (PFN) and gamma tool.
- Field mapping and sampling, including comprehensive assay and preliminary metallurgical work on 38 rock chip samples.
- QEMSCAN analysis of selected field samples.
- A detailed airborne radiometrics/magnetics comprising 1,913 line kilometres.
- A soil sampling survey over Anomaly B for a total of 599 samples, which were subsequently assayed.

I certify that the information contained herein, is a true statement of the operations carried out and the monies expended on the above mentioned tenement during the period specified as required under the *Northern Territory Mining Act* and the Regulations thereunder.

☐ I have attached the Technical Report

1. Name: Simon Powell

2. Name:

Position: Exploration Manager

Position:

Signature:



Signature:

Date: 18 October 2009

Date: