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**EL27/2007 AND EL40/2007  
EXPLORATION REPORT, 2009  
BALFOUR DISTRICT  
NW TASMANIA**

**Prepared for: Balfour Management Pty Ltd.**

**Tim Callaghan, December 2009**

## Executive Summary

Exploration of EL's 27/2007 and 40/2007 commenced in February 2009 with a project scale detailed gravity survey and interpretation of open file aeromagnetic data. The survey was intended to try and establish a relationship between known tin/tungsten mineralisation at Balfour and the possible association of deep granitic bodies with near surface expressions as well as to identify opportunities for base-metal and gold mineralisation.

The Specimen Hill Prospect and a coincident gravity-magnetic high named the Roaring 41 South (R41S) Prospect were selected for follow up. Several other areas of interest were noted including the Sluiced Flat Prospect to the south of Balfour and the Screaming 50's anomaly.

The Specimen Hill prospect has been systematically explored by BHP in the 1960's and CRA in the 1980's. All open file data has been acquired on behalf of the Balfour Joint Venture (BJV) and reviewed by Callaghan. A four hole drilling program was completed in October-November 2009. The first three holes were designed to test the mineralised tourmaline breccia zone for economic resources within 200m of surface. The last hole (BJV004) was designed to test the prospect at depth providing information of the structural setting and possible mineralisation zonation and investigate the associated aeromagnetic high.

Results of the drilling program were similar to those obtained in the earlier programs. Mineralisation consists of coarse cassiterite-wolframite and scheelite associated with sparse quartz-carbonate-pyrite-arsenopyrite veining hosted in silica-tourmaline-carbonate altered siltstones and sandstones.

Individual one metre samples assayed up to 2.2%  $WO_3$  and 1%Sn. However, vein densities are low and most analyses from the host sediments are well below 0.1% for both elements. It is unlikely that significant quantities of mineralisation exist near surface to operate a viable open pit mine.

The Balfour Field does host significant Sn and  $WO_3$  mineralisation between the west dipping Balfour Shear and the east dipping thrust bounding the Cassiterite Creek Sandstone and the Skinners Flat Siltstone. The confluence of these two structures is a potential target but this is estimated to occur over 800m below surface. It is recommended that the remaining drilling data from Balfour be acquired and a 3D geology model constructed to assist targeting of deep drilling.

The interpreted granite intrusion associated with the residual gravity low west of Specimen Hill remains untested. There is no evidence of thermal alteration or mineralisation associated with this location and if an intrusion is present, it is likely to be deeper than the model.

Ground mapping and rock chip geochemical sampling of R41S identified a prominent quartzite ridge but failed to identify a source for the coincident gravity-magnetic anomaly. A ground magnetic survey has confirmed the aeromagnetic data and provided resolution of the anomaly. R41S may represent either a mafic intrusive or diatreme, a magnetite bearing palaeoplacer at the base of the Lagoon River Quartzite, or a buried magnetite-

sulphide body. A drilling program is proposed to test the anomaly in early 2010.

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## 1 INTRODUCTION

A Joint Venture agreement to explore for tin and tungsten mineralisation on EL27/2007 and EL40/2007 between Pleiades Resources Pty Ltd (PRPL) and King Island Scheelite Ltd (KIS) was signed in February 2009. The EL's are located in NW Tasmania near the historic mining district of Balfour. The Balfour district covers a 35km line of intermittent copper mineralisation exploited since the early 1900's with significant tin-tungsten mineralisation located west of the copper lineament.

The EL's cover a Tertiary peneplain vegetated by open button grass plains to the west and wet sclerophyll and rainforest to the east where the topography is incised by the Frankland River drainage system. Access to the EL's is relatively easy via the Western Explorer Road and historic mining/exploration access roads (Figure 1).

A ground based gravity survey was completed in January 2009 by Haines Surveys Pty Ltd. An interpretation of the gravity survey and open file helicopter borne magnetic data acquired by MRT in 2002 identified several areas worthy of follow up.

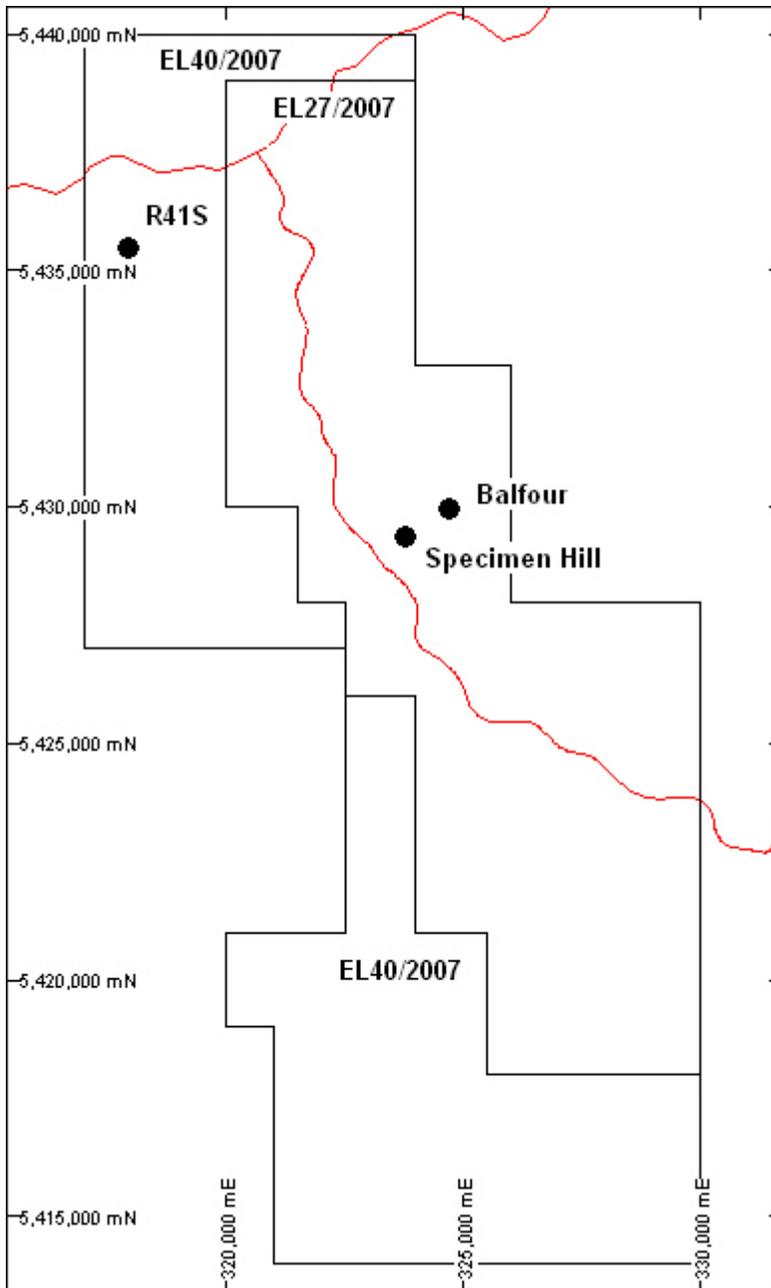
The principal exploration target for 2009-2010 was the known tin-tungsten mineralisation of the Specimen Hill Prospect. The geophysical interpretation (Bissett, 2009) has modeled a near surface granite cupola west of the Specimen Hill prospect and a buried magnetic body beneath the prospect. A secondary target consisting of a coincident gravity-magnetic high in the NW of the tenements termed Roaring 41 South (R41S) was subject to ground geological investigation involving mapping, gridding and rock chip sampling.

## 2 REGIONAL GEOLOGY

The Geology of NW Tasmania has been studied by many Geologists with the most recent Mineral Resources Tasmania report (Everard *et al*, 2007) summarized in this section.

The Geology of NW Tasmania is structurally dominated by the Smithton Syncline formed through Proterozoic extension and Paleozoic compression (Everard *et al*, 2007). The NW Tasmanian Geology is separated from the geology of Western Tasmania by the 510Ma Arthur Lineament, a major east dipping NNE trending thrust lineament (Figure 2). The N-NW trending Balfour thrust/shear is associated with partial inversion of the Rocky Cape and Togari Groups west of the syncline axis. The NNE trending Roger River Fault is a basin wide, long lived structure located in the east of the syncline that has controlled basin sedimentation since the Proterozoic.

The Smithton Syncline is flanked and underlain by the Early Neoproterozoic (1000-750Ma) Rocky Cape Group. The Rocky Cape Group is considered to represent autochthonous basement (Seymour *et al* 2006) and consists of over 10km of marine shelf siliciclastic sandstone, siltstone, black shale and minor dolomite. The Lower Rocky Cape Group is comprised of the Pedder River Siltstone, conformably overlain by the Lagoon River Quartzite followed by the 3500m thick Balfour Sub Group which has been divided into four formations, Skinners Flat Siltstone, Cassiterite Creek Quartzite, Emmett's Creek Shale and the Looney's Flat Siltstone.



**Figure 1. Balfour Tenement Location plan.**

The Balfour Sub Group is overlain by the Cowrie Siltstone, a planar, black carbonaceous and locally pyritic siltstone and shale sequence.

The Rocky Cape Group is unconformably overlain by the late Neoproterozoic (750-520Ma) Togari Group and its correlates (Ahrberg Group, Timbs Group, Success Creek Group, Crimson Creek Formation). The Togari Group in the Smithton Basin can be subdivided into four main phases of sedimentation. The basal member is the discontinuous Forrest Conglomerate Quartzite and overlying Black River Dolomite. The Black River Dolomite consists of fossiliferous dolomite, chert, shale, siltstone and polymictic conglomerate and varies from 300m thick in the west to over 800m in the

east. The overlying Kanunnah Subgroup (700 – 570Ma) is a thick sequence of mafic rift volcanics and associated volcanoclastic and siliciclastic sediments.

The Smithton Dolomite overlies the Kanunnah Subgroup and is comprised of a 1500m thick sequence of unfossiliferous dolomite and limestone. A renewal of deepwater siliciclastic sedimentation resulted in the deposition of the Salmon River Siltstone. The last two phases of the Togari Group are only found near Rocky Cape.

Early Deformation (D1) of the Rocky Cape and Togari Groups is evident as minor microstructures in the Rocky Cape Group. The next two phases of deformation (D1 and D2) are associated with the 510Ma Tyennan Orogeny. D2 is represented as open upright east west trending folds west of the Roger River Fault. The Devonian Tabberabberan Orogeny is expressed as the prominent D3 phase of deformation. D3 is represented as NW trending NE vergent folding and axial planar cleavage associated with NE directed thrusting that partially inverted the stratigraphy of the Rocky Cape and Togari Groups (Everard *et al*, 2007). One thrust hosts the copper mineralisation of the Balfour District. Late D3 transpression resulted in clockwise rotation of early D3 folding to an N-S trend adjacent to the Roger River Fault. Late NE trending strike slip faults in the Balfour area are associated with Sn-W mineralisation at Specimen Hill. D4, also of Devonian age is expressed as upright north trending folds in the core of the Smithton syncline and as NE trending reverse faults in the Temma area.

Devonian-Silurian post orogenic granitoids outcrop on the coast north of the Pieman River and have been interpreted to extend eastwards at approximately 2km depth below the Balfour district (Leaman, 1988).

Post Proterozoic cover rocks are generally restricted to minor, thin Tertiary to Recent, gravels, sands, and chert. Minor remnants of Tertiary basaltic flows are located at the Balfour Township, the Clump and near Temma. The basalts range from basanite, through alkali olivine basalts to tholeiite (Everard *et al*, 2007).

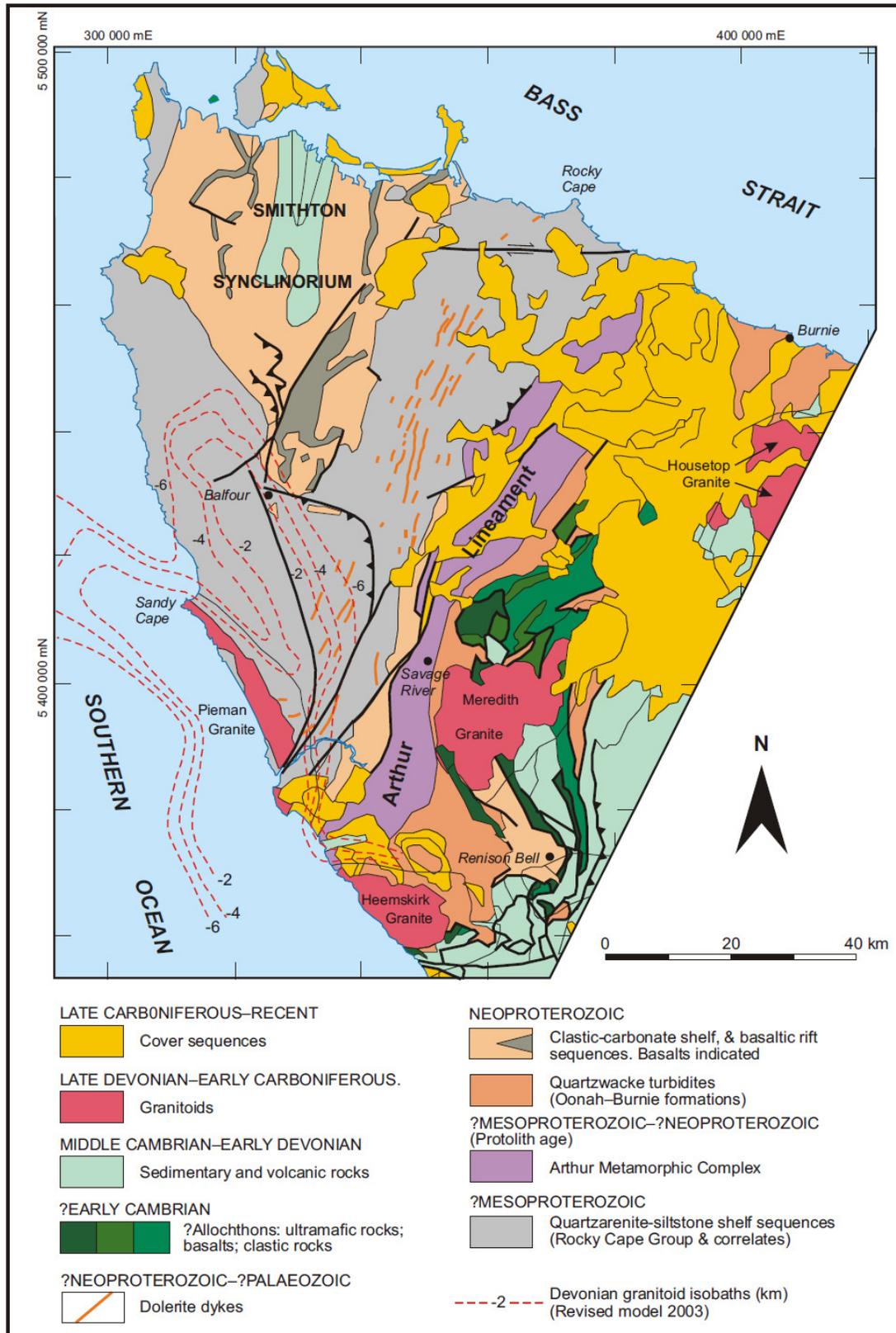


Figure 2. Regional Geology Northwest Tasmania (Everard *et al*, 2007).

## 2.1 District Mineralisation

Known mineralisation of the Balfour District consists of fault vein related copper deposits, Sn-WO<sub>3</sub> vein mineralisation and associated placers and massive magnetite bodies (Figure 3).

### *Copper Mineralisation.*

Copper mineralisation of the Balfour District is located along a 35km long lineament from the Clump in the north to the Toner River in the south with over 60 occurrences noted (Figure 3). Most of the mineralisation is hosted in pyritic carbonaceous and/or chloritic shale of the Balfour Sub Group. The mineralisation consists of veins, disseminations, replacements, breccia infillings and semi-massive pods occupying dilational zones in a persistent NNW striking, west dipping reverse fault. Primary mineralogy consists of quartz-pyrite-chalcopyrite-carbonate and chlorite and is hosted in pyritic and chloritic shale and siltstone. Murray's Reward was the largest producer in the field and contained supergene pods of covellite and digenite. Drilling by ACI in the 1970's identified a small pre-JORC resource of 0.5Mt @ 0.8% Cu. Geochemical, isotopic and geological evidence suggest the deposits were formed by granitic or meteoric hydrothermal fluids remobilizing copper into the fault structures (Taheri and Botrill, 2003). The possible source of the copper is unknown but is likely to be the native copper contained in the Spinks Basalt of the Kanunnah Subgroup.

### *Tin-Tungsten Mineralisation*

Sn-WO<sub>3</sub> mineralisation of the Balfour District is constrained mainly to within 2km of the Specimen Hill Prospect just west of Balfour. The association of tin-tungsten mineralisation with Devonian granites is well established in Tasmania, although the nearest outcropping granite is the Interview Granite located 30km SW. Interpretation of the regional gravity data has identified a potential granite ridge within 2km of the surface immediately west of Balfour. The Haines survey suggests the granite may be within 200m of the surface although the lack of thermal metamorphism suggests it may be further away.

There are at least ten Sn-WO<sub>3</sub> occurrences in the Balfour Field, all but one are located within a 2km radius of the main Specimen Hill Prospect. The southern outlier is an unnamed prospect at 324,900mE, 5,429,300mN. The Sn mineralisation is restricted in comparison to the extensive Cu mineralisation along the Balfour Lineament.

The Balfour Field produced at least 125t of Sn metal from the early 1880's until 1942 with minor production continuing until the 1980's. The majority of the production was from alluvial workings in Cassiterite Creek and its tributaries and from Emmett's Creek.

### *Massive Magnetite-Sulphide*

Several massive magnetite-sulphide bodies are located 18km west of Balfour near Temma. The mineralisation occurs as magnetite dominated lodes with lesser hematite-chalcopyrite-tetrahedrite-sphalerite-galena-pyrite-Fe rich amphibole and Fe-Mn carbonates. The deposits appear to be fault related and are hosted within the Rocky Cape Group sediments. The primary lode assemblage is recognized as being pyrometasomatic skarn (Weber, 1983).

The only significant modern exploration of the lodes near Temma was completed by Geopeko (Herrmann and Sumpton, 1982, Weber, 1983). Metals appear to be erratically distributed and include maximum values of 2.2g/t Au, 22g/t Ag, 0.4% Cu and 1.8% Pb.

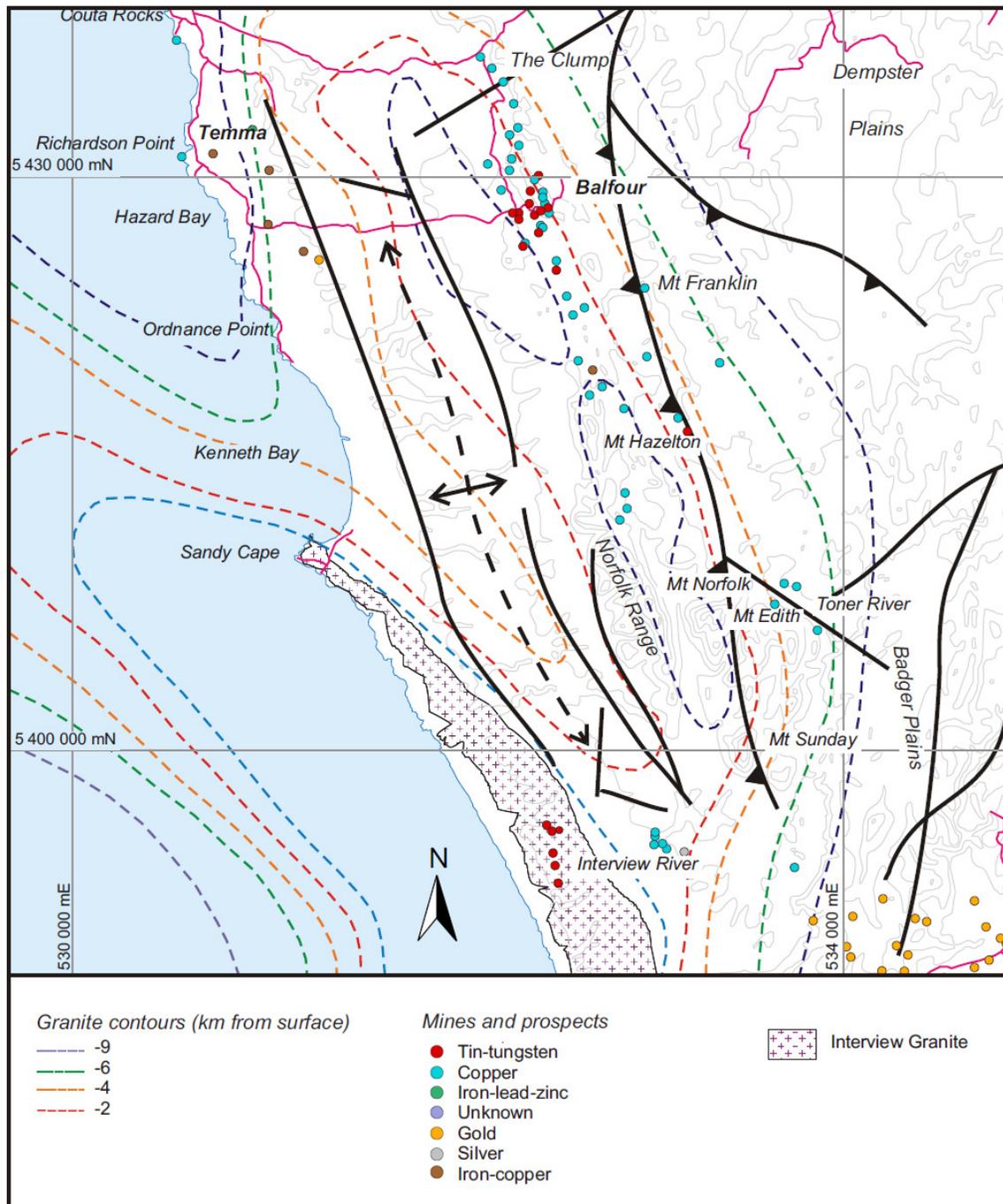


Figure 3. Granite Contours, Structure and Mineral deposits of the Balfour District, (Bottrill and Taheri, 2003).

### 3 SPECIMEN HILL

The Specimen Hill Sn-WO<sub>3</sub> prospect is located 500m west of the Murray's Reward Cu prospect. The Sn-WO<sub>3</sub> deposits are generally considered to have different genesis from the Cu deposits (Bottrill and Taheri, 2003) but Sn does occur with some of the Cu deposits at Murray's Reward.

Most of the previous exploration completed has been surveyed from a local tape and compass grid and drill hole and anomaly locations are approximate only. Subsequent rehabilitation has destroyed many hole collars. Consequently historic drillhole location is uncertain with some hole collars possibly up to 50m away from their true locations. Two CRAE hole collars on Specimen Hill were located DDBC01 and DDBC02 and surveyed with a field GPS.

#### 3.1 Previous Exploration

BHP commenced Modern Exploration of Specimen Hill in 1964 completing gravity and magnetic surveys, costaining, geochemical sampling and drilling. Costaining and geochemical sampling involved peat and gravel sampling to assess the potential for alluvial Sn and to determine the most intense Sn bedrock mineralisation. Gravel sampling for eluvial Sn confirmed the soil anomalies with the NW area of Specimen Hill consistently >0.1%Sn.

The costaining was mostly unsuccessful due to a hard silicified recent gravel cover that could not be penetrated by the bulldozer. BHP completed six diamond drill holes, four testing the quartz veining on Specimen Hill and two (DDB5 and DDB6) testing the broad magnetic anomalies to the north and south of Specimen Hill. Weakly disseminated pyrrhotite was intersected and susceptibility tests suggest remnant magnetism was the cause of the coincident magnetic-geochemical anomaly.

Only DDB1, DDB2 and DDB3 were assayed and only Sn was routinely analyzed. Best assay results from Specimen Hill include:

DDB1	49.7 – 50.0	0.3m @ 10.1% Sn and 0.3% WO <sub>3</sub>
	67.6 – 68.5	0.9m @ 0.4% WO <sub>3</sub>
	72.1 – 73.0	0.9m @ 4.1% WO <sub>3</sub>
	73.9 – 74.8	0.9m @ 0.3% WO <sub>3</sub>
DDB2	44.5 – 44.8	0.3m @ 0.6% Sn and 0.5% WO <sub>3</sub>
DDB3	17.9m – 18.2	0.3m @ 1.4% Sn and 1.2% WO <sub>3</sub>

From 1969 to 1973 ACI extensively tested the Murray's Reward line of Cu workings to the east of Specimen Hill. Numerous shallow drill holes identified a small, low grade, discordant quartz-dolomite-copper body of 0.8%Cu with dimensions of 5m x 220m long by 270m depth. Grades and widths are reported to decrease along strike to the NW.

CRAE and Geopeko commenced an exploration Joint Venture between 1979 and 1983 focused on the Sn-W potential of the Specimen Hill locality. Work completed includes:

- Prospect scale mapping at 1:5000, 1:2500 and 1:1000 over Peter's Ridge and Specimen Hill.
- Geochemistry including rock chip sampling, bedrock auger/jacro drill sampling and selected vein sampling.
- Geophysics including aeromagnetics, several IP surveys, Dighem, SP and ground magnetics.
- Diamond Drilling, 8 diamond drill holes, 4 Jacro DDH holes.

Three diamond drill holes (BC1, 2 and 8) were completed at Specimen Hill testing the prominent tourmaline-quartz-breccia associated with the mineralisation. Best intersections include:

BC1	28 – 30	2m @ 0.1% WO <sub>3</sub> .
BC2	30 – 105	86m @ 0.01% Sn and 0.1% WO <sub>3</sub>
BC8 <sup>1</sup>	55.4 – 57.9	2.5m @ 0.7% Sn and 0.1% WO <sub>3</sub>
	79.2 – 81.8	2.6m @ 0.3% Sn and 0.6% WO <sub>3</sub>
	143.8 – 145.0	1.2m @ 0.1% Sn and 0.1% WO <sub>3</sub>

BC1 intersected brecciated and tourmalinised siltstone with quartz veining but the assay results were disappointing relative to BC2 and BC8. CRAE geologists think that the hole missed the main zone of mineralisation. It was considered possible that the assay results were incorrect as there is an order of magnitude difference between the results for this hole and the other two. Only selected veins were originally assayed in BC8, with additional selvedge assaying completed with this report.

BC4 and BC5 were drilled east of Specimen Hill at Peters Ridge and Tatlow's Prospects respectively. BC4 intersected three altered and mineralised zones within laminated siltstones with best results of:

BC4	35 – 38m	3m @ 0.2% Sn
	66 – 70m	4m @ 0.2% Sn
	139 – 152m	12m @ 0.1%Sn and 0.1% WO <sub>3</sub>
BC5	No significant results.	

CRAE drill hole BC3 was drilled SW of Specimen Hill and was targeted on a coincident Pb-Zn soil anomaly. The hole failed to intersect any significant mineralisation. A recent Jaguar Resources drill hole, JB3 was targeted on the same sequence after reviewing MRT aerial EM data. Again no significant results were received.

Drill hole BC6 was designed to test the southern end of the Peter's ridge Sn-W soil and coincident IP anomalies. Minor, thin intersections of Sn and W were intersected. Vein density was low. Best intersections include:

BC6	109 – 111m	2m @ 0.28% Sn
	159 – 160m	1m @ 0.15% Sn and 0.22%W

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<sup>1</sup> BC8 additional assaying this report

187 – 188m	1m @ 0.56%W
204 – 205m	1m @ 1.05% Sn and 0.12% W.
231 – 233m	2m @ 0.37% Sn
262 – 263m	1m @ 0.51% Sn

### 3.2 Local Geology

The local geology of the Balfour district is dominated by the Balfour Sub Group of the Early Neoproterozoic Rocky Cape Group. Regional mapping by Turner (1994) and Everard *et al* (2007) have placed the Balfour Geology within a regional context. Formal nomenclature has been placed over earlier company prospect nomenclature although the department mapping does not appear to be as detailed as the early BHP and CRA maps.

Detailed mapping by CRA geologists Hiethersay (1981) and Langford (1983) have adequately defined the stratigraphy, structural setting, alteration and mineralisation of the Specimen Hill Prospect (Figures 4 and 5).

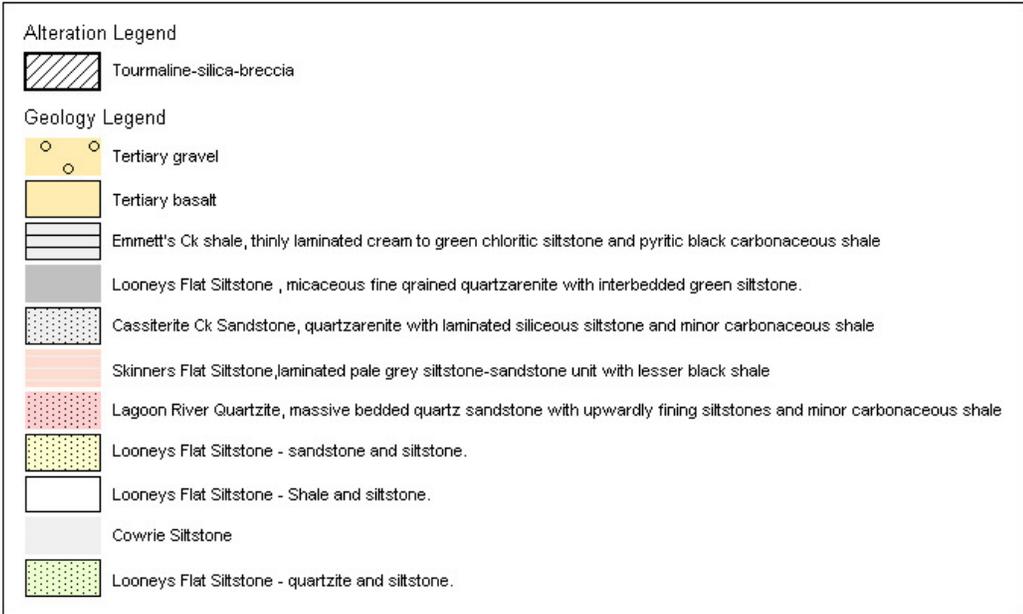
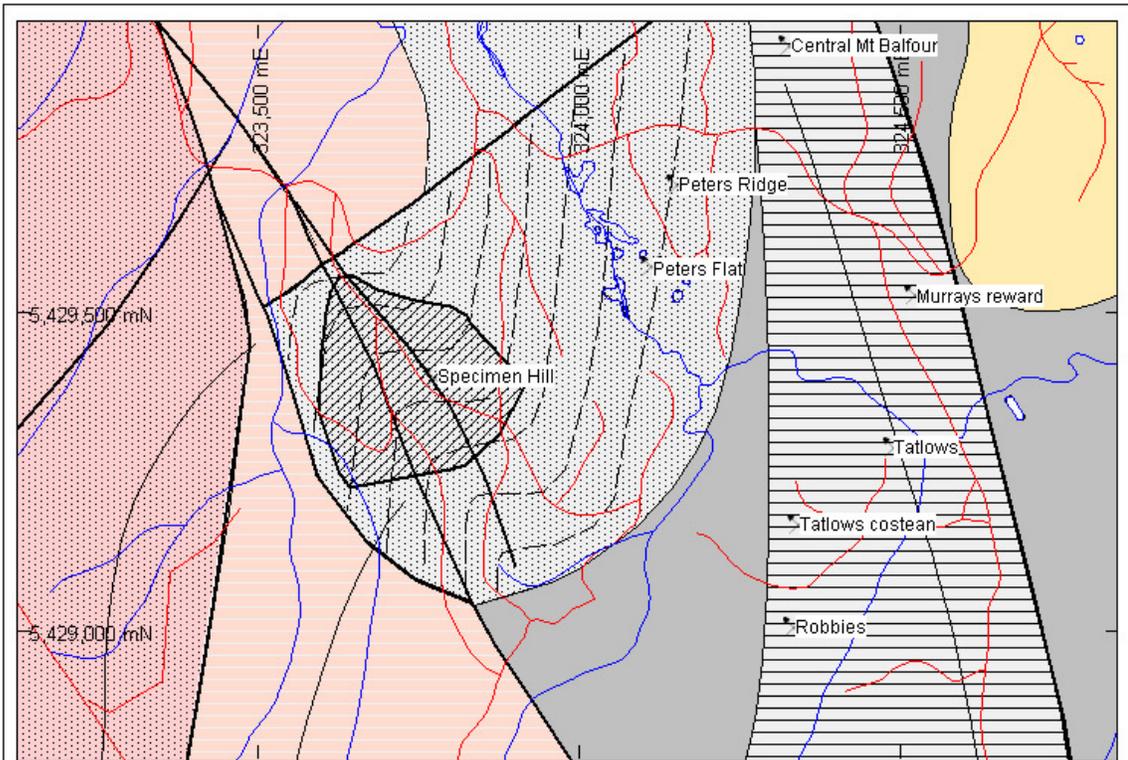
#### 3.2.1 Stratigraphy

The Lagoon River Quartzite (*Prf*), of Everard *et al* (2007) is the oldest unit in the immediate Balfour district. The Lagoon River Quartzite is typically massive bedded quartz sandstone with upwardly fining siltstones and minor carbonaceous shale. It is strongly re-crystallized and erosion resistant forming prominent topographic highs. It is in fault contact with the Balfour Sub-Group to the east (Everard *et al* 2007, Turner, 1994).

#### Balfour Sub-Group

The oldest unit with the Balfour Sub-Group is the Skinners Flat Siltstone (*Lrbf*), formerly known as the Matrix Creek Shale of Langford (1983). The Skinners Flat Siltstone is a massive to faintly laminated pale grey siltstone-sandstone unit with lesser black shale. It dips and faces shallowly east west of Specimen Hill and is separated from the east facing siltstone sequence by a prominent east dipping fault (See Enclosures).

The Cassiterite Creek Quartzite (*Prbq*), was previously termed the Specimen Hill Siltstone by CRAE geologists Langford (1983) Langford describes it as a 400m thick sequence with a banded upper and lower unit (“pajama siltstones”) separated by a more massive quartzite unit. It consists of graded, upwardly fining beds of quartzarenite with laminated siliceous siltstone and minor carbonaceous shale.



**Figure 4. Balfour Field Interpretive Geology**

(Modified from Hiethersay, 1981, Langford, 1983, Turner 1994 and Everard et al 2007).

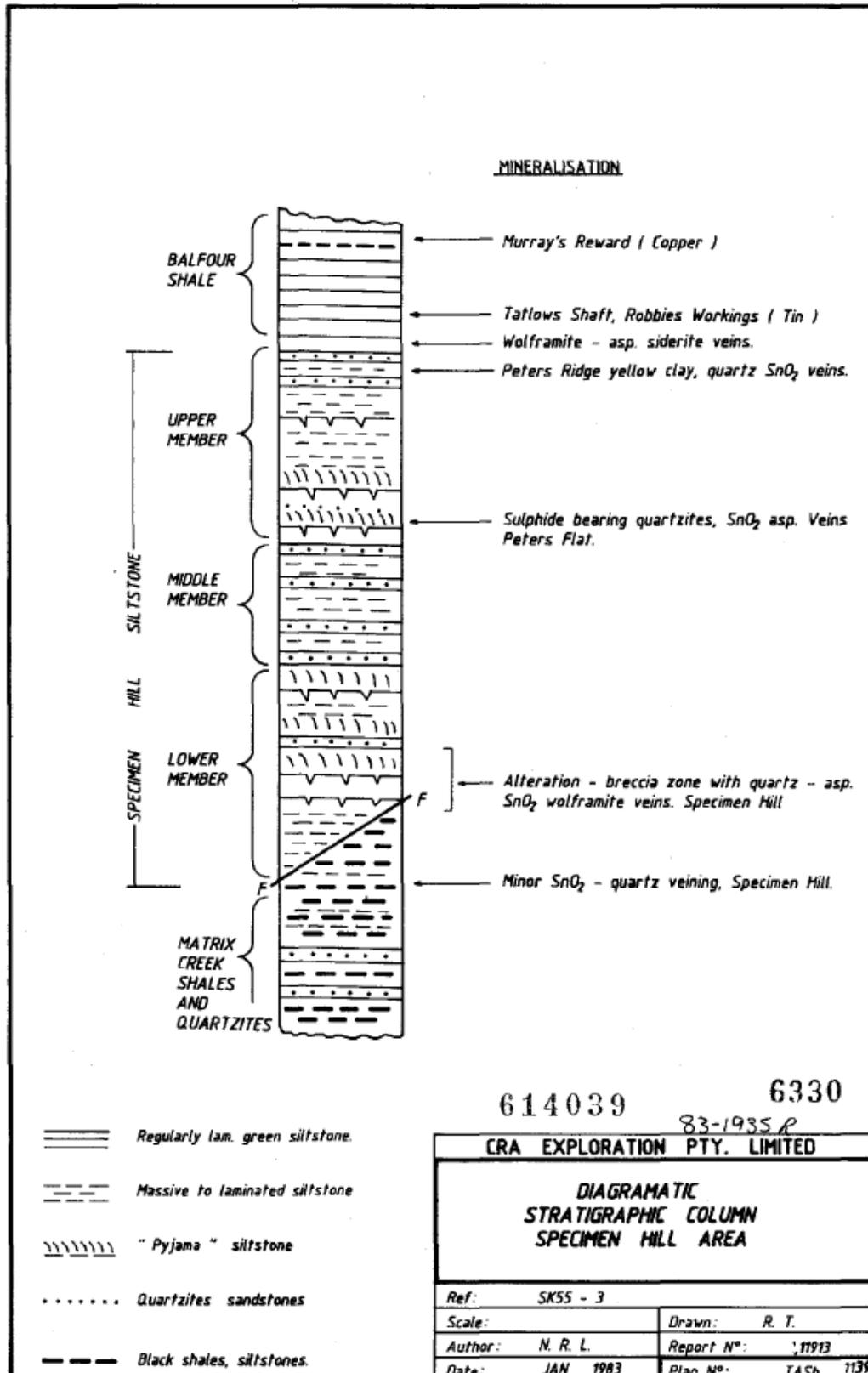


Figure 5. Stratigraphic column of Specimen Hill Area (Langford, 1983). Stratigraphy has been renamed by Everard *et al* (2007) as discussed in text.

Looney's Ck Siltstone (*Prbs*), micaceous fine grained quartzarenite with interbedded green siltstone.

Conformably overlying the Cassiterite Creek Quartzite is the Balfour Shale of Langford or Emmett's Creek Shale (*Prbg*). The 500m sequence of Emmett's Creek Shale consists of thinly laminated cream to green chloritic siltstone and pyritic black carbonaceous shale with rare quartzarenite interbeds.

Emmett's Creek Shale passes conformably into the 1000m thick Looney's Flat Siltstone, a grey to buff coloured micaceous fine grained sandstone and laminated green siltstone.

### **3.2.3 Structure**

A major east dipping fault separates the Skinners Flat Siltstone from the Cassiterite Creek Sandstone and is associated with a series of similar east dipping faults within the Specimen Hill Prospect including the prominent Specimen Hill Fault located on the western side of Specimen Hill. The fault dips steeply east and is variably sheared and silicified with erratic Sn-WO<sub>3</sub> mineralisation. Structurally the stratigraphy is deformed into a broad anticlinal flexure trending 342° and plunging 60° south.

Intense brecciation and veining associated with the faulting and anticlinal flexure is the focus of mineralisation and alteration. Sn-WO<sub>3</sub> Mineralisation is constrained between the east dipping faults and the west dipping Balfour thrust suggesting a common fluid conduit for the Cu and Sn-WO<sub>3</sub> mineralisation. The confluence of these two structural trends is a potential target but is estimated to occur approximately 800m below surface (Enclosure 2).

### **3.2.4 Alteration and Mineralisation**

The Tin - Tungsten mineralisation occurs as quartz-carbonate-pyrite-arsenopyrite-cassiterite-wolframite-scheelite vein stock works with associated tourmaline-silica-carbonate alteration. The main centre of tourmaline alteration occurs within a silicified breccia on the NW slope of Specimen Hill. Mineralisation is mainly contained within a laminated tourmaline altered siltstone and interbedded sandstone ("pajama siltstone" of Hiethersay, 1981) although mineralisation is fairly widespread. Silica-tourmaline alteration has overprinted and partially replaced the sediments with some intense brecciation and disruption of the sediments.

The bulk of the mineralisation is contained in quartz stock work veining with veins ranging from a few millimeters to over one metre in thickness. Five different generations of quartz veining were recognized by Langford (1983). Hiethersay 1981 suggested vein orientations from DD81BC1 and 2 were shallow however subsequent work by Langford 1983 indicates most veins are steep 75-85° to the north and west. The dominant strike is 80° with other stereonet peaks of 60° 110° and 140°.

Cassiterite-wolframite and scheelite mineralisation is generally coarse grained with scheelite associated with zones of intense carbonate veining and alteration. Veins are frequently vughy with open space filling carbonate and arsenopyrite.

Disseminated pyrrhotite is abundant in the laminated siltstones and can comprise up to 1% of the rock mass.

### **3.3 Recent Work**

Recent work by Pleiades and the Balfour Joint Venture includes a detailed gravity survey completed in February, 2009, an interpretation of open file heli-magnetic data, a review of historic exploration data and reports, rock chip sampling and field investigations, and 1251m of diamond drilling across the Specimen Hill Prospect.

Details of the gravity survey and aeromagnetic interpretation are found in consultant reports by Bissett (2009).

- Balfour Project Tasmania Ground Gravity Survey Interpretation, April 2009
- Balfour Project Tasmania Specimen Hill Magnetic Data Modeling, June 2009.

Both these reports are located in the appendices.

#### **3.3.1 Gravity Modeling**

Regularly spaced gravity observations were collected over the Balfour Project area by Haines Surveys with corrections included for terrain and earth curvature. The data was modeled and interpreted by consulting geophysicist Andrew Bissett (2009a).

The Bouguer Anomaly shows a strong regional gravity gradient decreasing from the northwest towards the southeast. Calculation of the residual gravity anomaly highlights a prominent gravity ridge spatially associated with known mineralisation at Balfour and a residual gravity low located west of the Specimen Hill Prospect (Figure 6). The low may be indicative of low density rock masses that have risen close to the surface and modeling suggests a granite cupola may be located within 200m of surface. The lack of thermal alteration in the area suggests that a granitic intrusive is likely to be significantly deeper than the model.

#### **3.3.2 Aeromagnetic modeling**

Mineral Resources Tasmania aero-magnetic data acquired in 1996 was modeled in 2D by geophysical consultant Andrew Bissett (2009). The Aeromagnetic data highlights a coincident magnetic high trending NNW through the Specimen Hill Prospect (Figure 7). The magnetic anomaly confirms earlier ground magnetic surveys completed by BHP and CRA identifying the same feature. BHP geologist (Chesnut, 1964) attribute the anomaly to the presence of pyrrhotite associated with the siltstones and mineralising system. Magnetic susceptibility testing of BJV004 supports this interpretation.

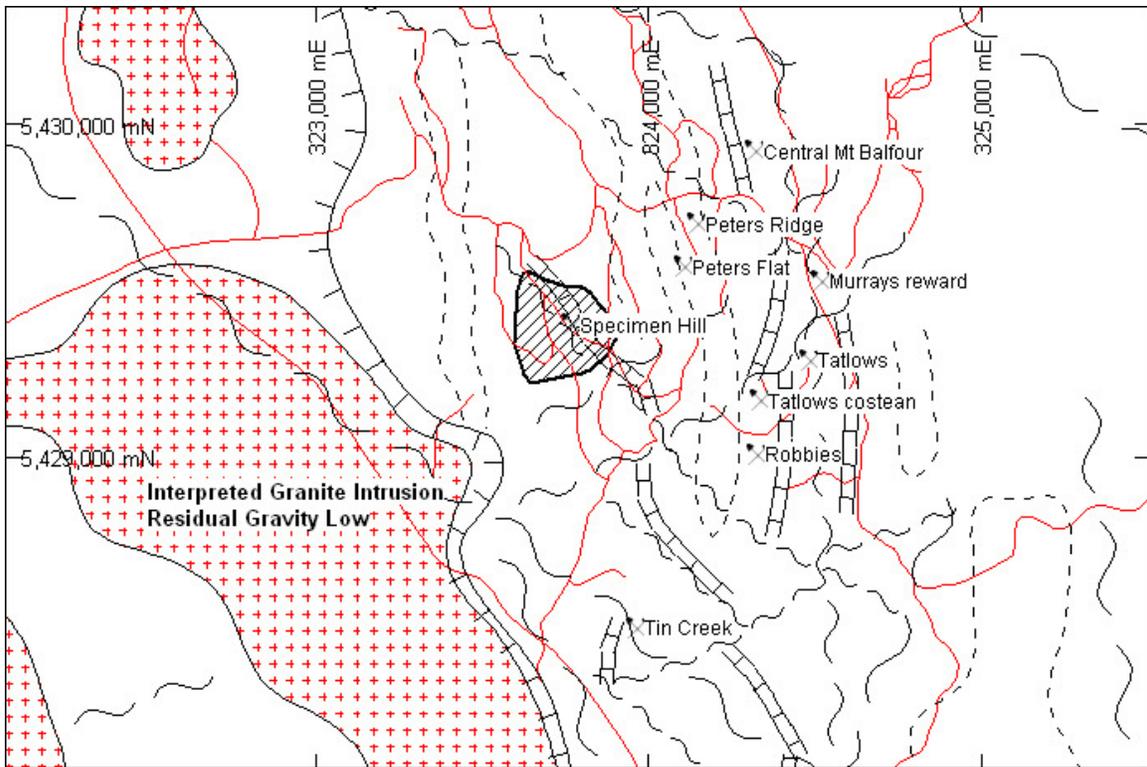


Figure 6. Interpretation of Residual Gravity Anomaly, (From Bissett, 2009).

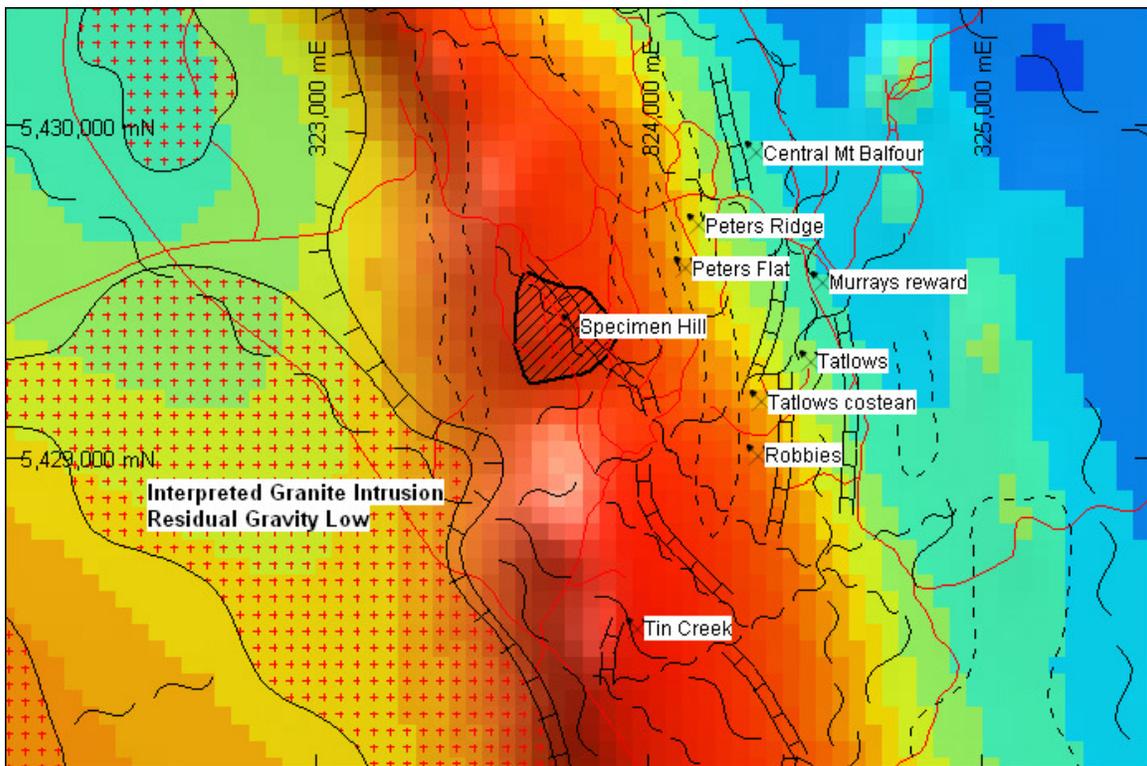


Figure 7. Reduced to pole total magnetic intensity image, Balfour district.

### 3.3.4 Diamond Drilling

Four diamond drillholes across the Specimen Hill Prospect were completed in October-November 2009. The holes were drilled by Boart Longyear using a track mounted LF90 drill rig. The program was designed to assess the potential for near surface, potentially open pitable Sn-WO<sub>3</sub> mineralisation. The top 100-200m of the prospect were drilled HQ to increase the sample size. Earlier workers (Patterson, 1996, Legge, 2003) have suggested that the coarse mineralisation had not been adequately sampled with the earlier NQ-BQ drilling programs.

Drillholes BJV001, BJV002 and BJV003 are available for extension if required. BJV004 lost HQ casing and has caved and is unavailable. None of the holes have been lined with pvc.

Drill Logs are located in Appendix 1. Cross sections and interpretive geology are located in the enclosures. Drill logs and significant intersections are summarized in numeric order below.

#### **BJV001**

323911E      5429373N      250mRL      Azm 225°      Dip -60°      Depth 238.5m

0.0 – 89.6m	Interbedded quartzite and laminated siltstone. Silicified with minor tourmaline alteration. Minor qtz-cb-py-asy-cassiterite veining.
89.6 – 90.3m	Brittle, puggy fault with qtz-py-asy veining.
90.3 – 171.0m	Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate-sericite alteration with patchy tourmaline. Sparse qtz-cb-py-asy-cassiterite veining.
171.0 – 238.5m	Laminated siltstone with disrupted and contorted bedding. Chlorite-sericite alteration. Minor qtz-cb-py-asy-cassiterite veining. EOH

Best intersections include:

31.0 - 34.0	3.0m @ 0.2%Sn
39.0 - 40.0	1.0m @ 0.3% WO3
62.0 - 64.0	2.0m @ 0.2% WO3
105.0 - 106.0	1.0m @ 0.4% WO3
131.0 - 132.0	1.0m @ 1.7% WO3
136.0 - 137.0	1.0m @ 0.2% WO3
140.0 - 142.0	2.0m @ 1.0% WO3
152.0 - 154.0	2.0m @ 0.4% Sn and 0.1% WO3
157.0 - 159.0	2.0m @ 0.2% Sn and 0.3% WO3
176.0 - 177.0	1.0m @ 0.1% Sn and 0.2% WO3
188.0 - 189.0	2.0m @ 0.2% Sn

#### **BJV002**

323715E      5429334N      232mRL      Azm 225°      Dip -60°      Depth 239m

0.0 – 29.8m	Laminated siltstone with disrupted and contorted bedding. Chlorite-sericite alteration.
29.8 – 203.9m	Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive bleaching and clay alteration with patchy silica-tourmaline. Sparse qtz-cb-py-asy-cassiterite veining.
203.9 – 224.8m	Interbedded qtz-lithic greywacke and laminated siltstone. Patchy silica-tourmaline alteration. Sparse qtz-cb-py-asy-cassiterite veining with several massive (1m) veins 206.8m and 209.6m.
224.8 – 239.0m	Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive silica-chlorite alteration. Sparse qtz-py-asy-cassiterite veining. EOH.

Best intersections include:

33.0 - 34.0	1.0m @ 0.4% Sn
36.0 - 38.0	2.0m @ 0.2% Sn
43.0 - 44.0	1.0m @ 0.3% Sn
51.0 - 52.0	1.0m @ 0.3% Sn
69.0 – 83.0	14.0m @ 0.2% WO <sub>3</sub>
Including:	
71.0 - 72.0	1.0m @ 2.2% WO <sub>3</sub>
81.0 - 83.0	2.0m @ 0.1% WO <sub>3</sub>
103.0 - 104.0	1.0m @ 0.5% Sn
133.0 - 135.0	2.0m @ 0.2% WO <sub>3</sub>
144.0 - 145.0	1.0m @ 0.4% Sn
168.0 - 169.0	1.0m @ 0.2% Sn and 0.1% WO <sub>3</sub>
210.0 - 211.0	1.0m @ 0.5% WO <sub>3</sub>

**BJV003**

323771E      5429354N      240mRL      Azm 227°      Dip -60°      Depth 269.0m

0.0 – 42.5	Laminated siltstone with disrupted and contorted bedding. Pervasive tourmaline-silica alteration. Minor qtz-cb-py-asy-cassiterite veining. Sparse fine qtz-muscovite-py stock work veining.
42.5 – 108.1	Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate-sericite alteration with patchy tourmaline. Sparse qtz-cb-py-asy-cassiterite veining.
108.1 – 113.8	Massive vughy quartz-carbonate vein stock work with minor py-asy. Puggy faulting.
113.8 – 174.0	Laminated siltstone with disrupted and contorted bedding. Pervasive tourmaline-silica alteration. Minor qtz-cb-py-asy-cassiterite veining.
174.0 – 214.4	Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate-sericite alteration with patchy tourmaline. Sparse qtz-cb-py-asy-cassiterite veining.
214.4 – 215	Massive vughy qtz-carb-asy-py vein with minor Cassiterite.

215.0 – 227.6 Laminated siltstone with disrupted and contorted bedding. Pervasive tourmaline-silica alteration. Minor qtz-cb-py-aspery-cassiterite veining.

227.6 – 231.5 Massive vughy qtz-carb-aspery-py vein with minor Cassiterite.

231.5 - 269 Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate-sericite alteration with patchy tourmaline. Sparse qtz-cb-py-aspery-cassiterite veining. EOH

Best intersections include:

112.0 - 114.0 2.0m @ 0.1% Sn  
 119.0 - 120.0 1.0m @ 0.6% Sn and 0.2%WO3  
 123.0 - 124.0 1.0m @ 0.4% Sn  
 159.0 - 160.0 1.0m @ 1.0% Sn  
 220.0 - 221.0 1.0m @ 0.3% WO3

229.0 - 243.0 14.0m @ 0.1% WO3  
 Including:  
 229.0 - 231.0 2.0m @ 0.4% WO3  
 241.0 - 242.0 1.0m @ 0.3% WO3

**BJV004**

323964E 5429443N 225mRL Azm 227° Dip -60° Depth 501.0m

0.0 – 99.1 Interbedded pale grey quartzite and siltstone/sandstone. Sparse, thin qtz-cb-py-aspery- veining.

99.1 – 119.4 Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate alteration with patchy tourmaline. Sparse qtz-cb-py-aspery-cassiterite veining.

119.4 – 119.5 Thin (<10cm) crystalline muscovite-carbonate altered medium grained felsic intrusive. Coarse Cassiterite crystals.

119.5 – 180.8 Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate alteration with patchy tourmaline. Sparse qtz-cb-py-aspery-cassiterite veining.

180.8 – 333.0 Laminated siltstone with disrupted and contorted bedding. Pervasive silica alteration with patchy carbonate spotting. Rare qtz-cb-py-aspery-cassiterite veining. Disseminated pyrrhotite.

333.0 – 406.0 Interbedded qtz-lithic greywacke and laminated siltstone. Pervasive spotty carbonate alteration with patchy tourmaline. Sparse qtz-cb-py-aspery-cassiterite veining. Minor disseminated pyrrhotite.

406.0 – 449.0 Laminated siltstone with disrupted and contorted bedding. Pervasive silica alteration with patchy carbonate spotting. Rare qtz-cb-py-aspery-cassiterite veining. Disseminated pyrrhotite.

449.0 – 454.7 Large puggy fault zone.

454.7 – 499.0 Black carbonaceous shale and siltstone. Brecciated and deformed.

499.0 – 501.0 Large puggy fault zone. EOH

Best intersections include:

59.0 - 60.0 1.0m @ 0.2 % WO<sub>3</sub>  
88.0 - 89.0 1.0m @ 0.2 % WO<sub>3</sub>  
90.0 - 91.0 1.0m @ 0.1 % Sn and 0.1%WO<sub>3</sub>  
114.0 - 115.0 1.0m @ 0.2 % Sn  
121.0 - 122.1 1.1m @ 0.2 % WO<sub>3</sub>  
158.0 - 159.0 1.0m @ 0.6 % Sn and 0.2%WO<sub>3</sub>  
246.0 - 247.0 1.0m @ 0.2 % Sn  
286.0 - 287.0 1.0m @ 0.4 % WO<sub>3</sub>  
346.0 - 347.0 1.0m @ 0.4 % WO<sub>3</sub>  
346.0 - 347.0 1.0m @ 0.4 % WO<sub>3</sub>  
402.0 - 403.0 1.0m @ 0.1 % Sn and 0.8% WO<sub>3</sub>  
431.0 - 432.0 1.0m @ 0.4 % WO<sub>3</sub>

Magnetic susceptibility measurements were logged in BJV004, confirming the magnetic intensity of the disseminated pyrrhotite (Figure 8). It is likely that this is the cause of the Specimen Hill magnetic anomaly.

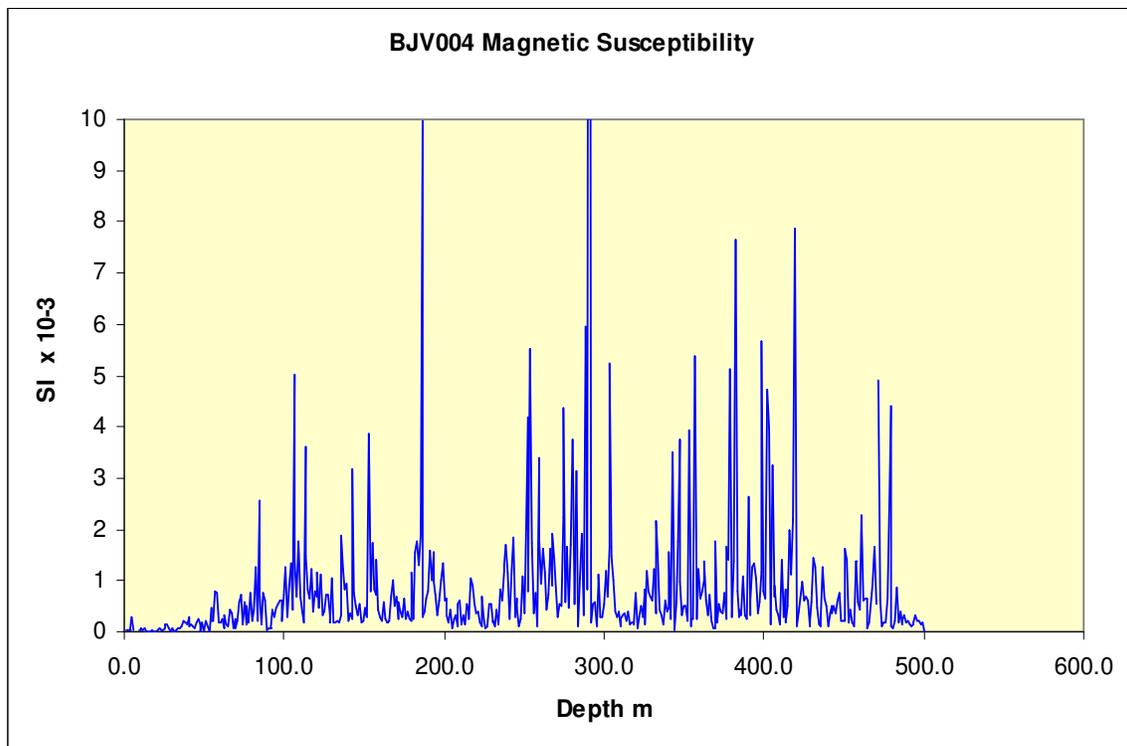


Figure 8. Magnetic susceptibility log of BJV004

### 3.4 Discussion

The Specimen Hill Prospect has been subject to three separate drilling campaigns focused on the Sn-WO<sub>3</sub> potential, BHP (1964-65), CRAE(1980-83) and now the Balfour Joint Venture in 2009.

The prospect does contain sporadic Sn and WO<sub>3</sub> approaching ore grades within the quartz veining (up to 10% Sn and 1% WO<sub>3</sub>). However as noted by CRAE geologists (Dickson, 1983) vein densities are low. Dickson's earlier study concluded that the average vein grade is 0.8% Sn and 1.02% WO<sub>3</sub>, with an average vein thickness of 7.5cm, based mainly on drill hole DD82BC8. Vein density was unacceptably low at 0.66% and he concluded that the prospect could not contain economic mineralisation within 100m of surface.

The altered wall rock contains much less Sn and WO<sub>3</sub> at around 100-400ppm. The best intersections of bulked mineralised zones average about 0.1% combined Sn - WO<sub>3</sub>. For example:

BJV002 69.0 – 83.0 14.0m @ 0.2% WO<sub>3</sub>  
BJV003 229.0 – 243.0 14.0m @ 0.1% WO<sub>3</sub>  
BJV003 112.0 – 124.0 12.0m @ 0.1% Sn

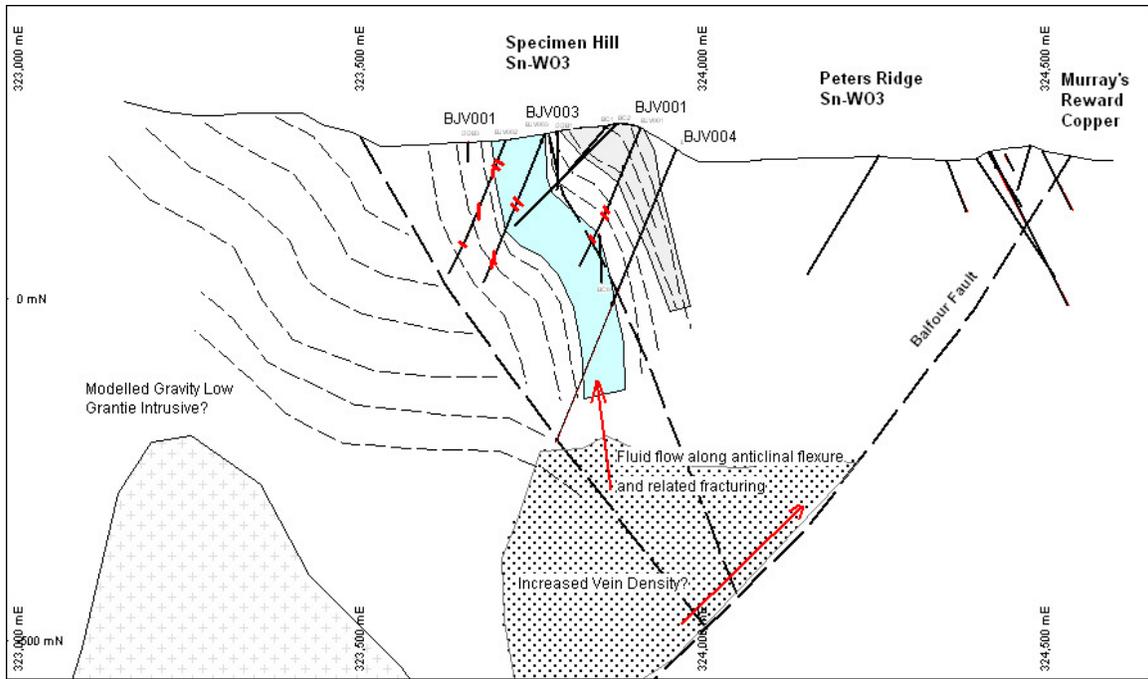
Estimates of tonnage potential at Specimen Hill were made by Langford 1982 and Paterson 1996. The surface area of the mineralised breccia was in the order of 44,000m<sup>3</sup>. Using a minable depth of 100m and an SG of 2.5, a maximum possible open pit resource of approximately 10Mt could be contained if mineralised intersections were continuous. This however is not the case given most intersections of >0.1% combined Sn - WO<sub>3</sub> are a few tens of metres wide at best with most being 1-2m in width. It is highly unlikely that the top 100m of the Specimen Hill Prospect contains economic quantities of hard rock Sn-WO<sub>3</sub> mineralisation (at today's prices both approximately \$18,000/t).

Despite the thin and sporadic mineralisation at surface, the drilling results from all three programs can not be regarded as insignificant. There are numerous occurrences of Sn-WO<sub>3</sub> mineralisation between the west dipping Balfour shear and the east dipping thrust bounding the Cassiterite Creek Sandstone and the Skinners Flat Siltstone (Figure 8). The confluence of these two structures is a potential target but this is estimated to be over 800m deep. There is no doubt that the Balfour Field has endured at least two significant mineralizing events with prominent Cu and Sn-WO<sub>3</sub> mineralisation present. It is possible that the surface expression is the distal margins of a larger system and the possibility of a substantial deposit at depth remains. Whether this represents a viable target is entirely dependent on the grade which cannot be determined without drilling.

The association of Sn-WO<sub>3</sub> mineralisation and granite intrusions is well documented.

It is recommended that the drilling data of the Balfour lineament be compiled and a 3 dimensional geology model be compiled to give an estimate of the structural setting to assist target generation.

The interpreted granite intrusion associated with the residual gravity low west of Specimen Hill remains untested. There is no evidence of thermal alteration or mineralisation associated with this anomaly and it is likely that the actual intrusion is deeper than the 200m used for the model.



**Figure 9. Section 5429350, Drillhole locations and Geology Interpretation.**

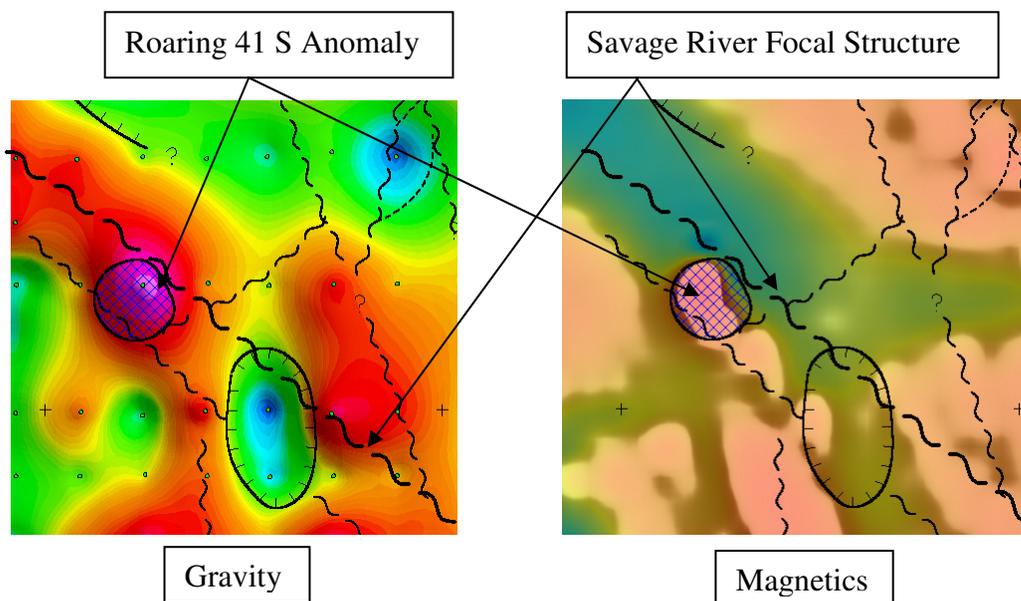
#### 4 ROARING 41 SOUTH

The Roaring 41 South prospect (R41S) is a coincident aeromagnetic-gravity anomaly located over Proterozoic Rocky Cape Group sediments approximately 2km west of the Clump Prospect in the Balfour District in NW Tasmania.

Pleiades Pty Ltd acquired regularly spaced gravity observations over the Balfour Project area in north-west Tasmania with the intention of establishing a relationship between known tin/tungsten mineralisation at Balfour and the possible association of deep granitic bodies with near surface expressions. Data was collected and supplied by Haines Surveys with corrections included for terrain and earth curvature.

The R41S anomaly is located on the far NW extent of the EL and data spacing was much broader than the Balfour data with a line spacing of 250m and data collected on 50m stations.

The anomaly is a single point gravity and magnetic high associated with a broader low level gravity and magnetic feature constrained by the dominant NW strike of the NE dipping Rocky Cape Group.



**Figure 10. R41S gravity-Aeromagnetic Anomaly (Bissett 2009).**

The anomaly is limited in spatial extent with only a single gravity station being recorded over the anomaly however that one station is anomalously high, which coupled with the very strong bulls-eye magnetic response and it's proximity to a major structural corridor represents a priority target for base metals mineralisation.

## 4.1 Recent Work

### 4.1.1 Mapping and Sampling

Field mapping and sampling has failed to identify a source for the anomaly. Outcrop over the area is reasonably good. The Lagoon River Quartzite forms a prominent NW striking ridge through the prospect with silicified, laminated siltstone located on the northern margin. Minor quartz veining was located throughout the area of interest.

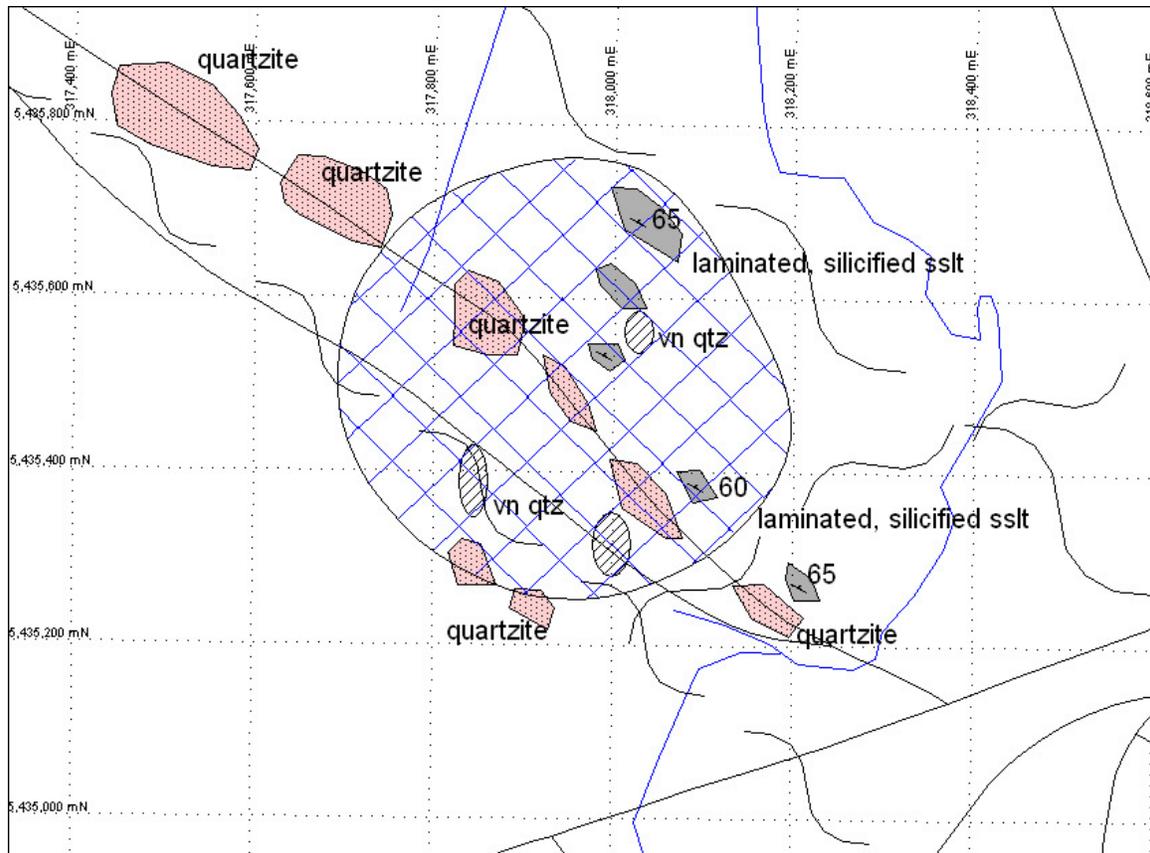


Figure 11. R41S outcrop geology. Hatched area is the anomaly outline.

Five rock chip samples were submitted for analysis at Burnie Research Laboratories. Most samples contained very low values with all elements at or close to detection limits with the exception of one siltstone sample (B001) which contained 300ppm As and 246ppm Pb and 121ppm Zn.

### 4.1.2 Ground Magnetic Survey

A ground magnetic survey was completed over the area of interest and was designed to:

- Confirm the aeromagnetic feature
- Provide more resolution of the anomaly to assist drill targeting.

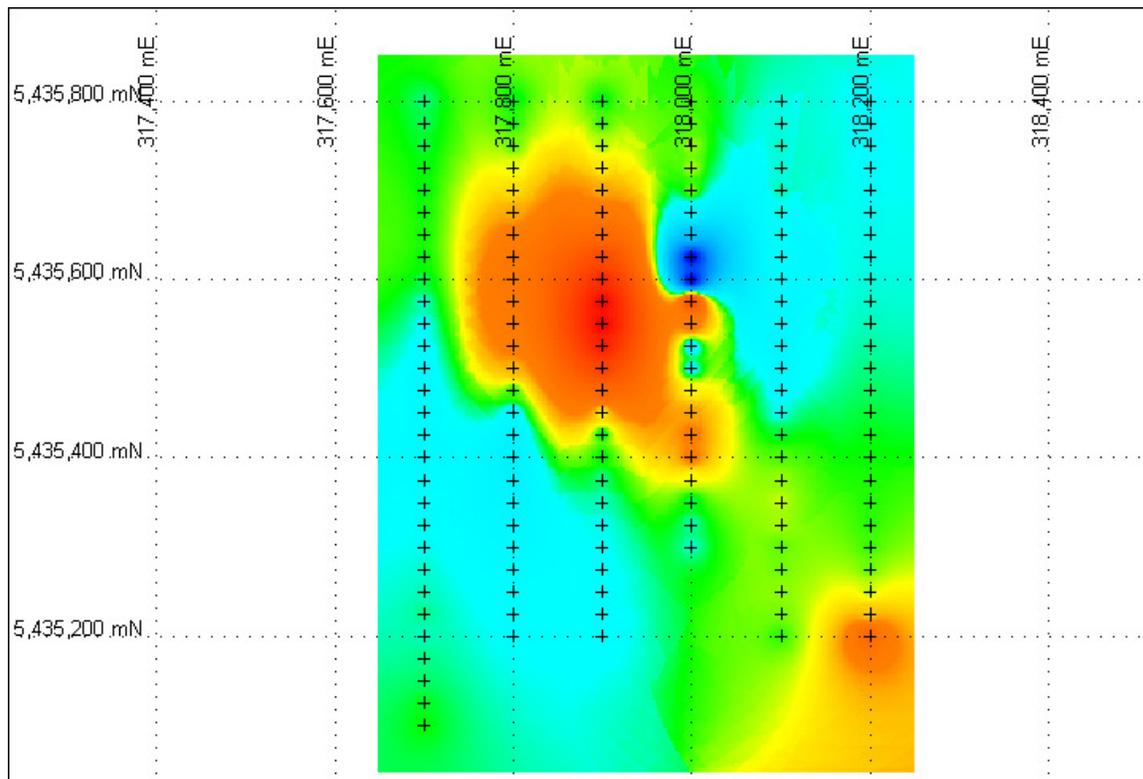
A 600m by 600m tape and compass grid was placed over the anomaly with 100m spaced north-south lines. Lines were located by hand held GPS.

A G856 magnetometer and base station was hired from Southern Geoscience and the survey completed by Ian Rogers Exploration Services on Tuesday 15<sup>th</sup> December.

The data was downloaded and corrections made for magnetic field drift over the course of the survey. The data was transformed according to the following formula before being imported into Mapinfo and imaged. Data is located in Appendix 5.

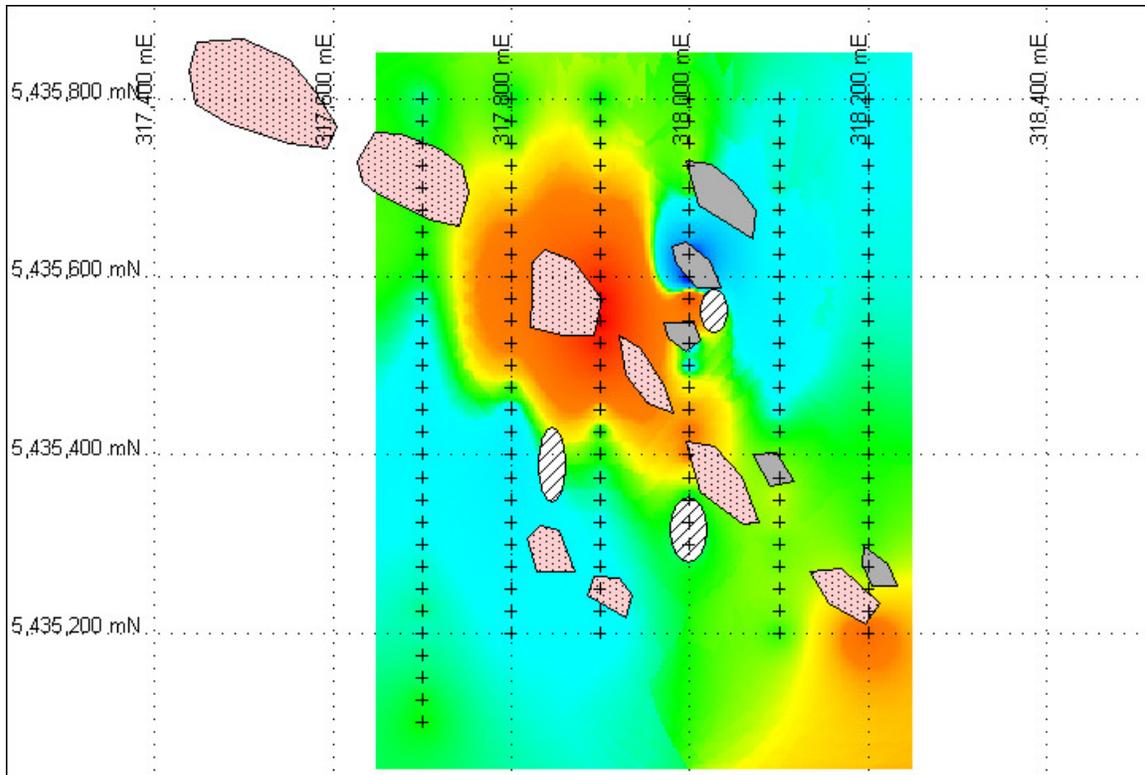
Magnetic Residual = Field Reading - Base Station Reading +2000.

Imaged results are presented in Figures 12 and 13.



**Figure 12. Ground Magnetic Image of R41S.**

The survey has successfully confirmed the aeromagnetic feature and provided the required detail to pinpoint the source area of greatest magnetic susceptibility.



**Figure 13. Ground Magnetic Image with Outcrop Geology. (Stippled Pink polygons are outcropping Lagoon River Quartzite).**

## 4.2 Discussion

The ground magnetic survey has removed the possibility of erroneous data as an explanation for the anomaly and provided confidence in its location. Despite the lack of evidence for significant alteration or mineralisation at surface, the prospect remains intriguing as to what a coincident gravity-magnetic high may represent. Several possibilities include, but may not be limited to:

- Basaltic dyke or diatreme not exposed at surface
- Increased detrital magnetite in a palaeoplacer at the base of the Lagoon River Quartzite.
- Temma Style Magnetite-Sulphide mineralisation

The small size of the anomaly and the lack of a geochemical signature downgrades the potential for significant near surface mineralisation. However elevated As and slightly anomalous Pb-Zn were present in the siltstones adjacent to the anomaly. The increased magnetic response of the Lagoon River Quartzite is obvious from the NW strike of the ridge and the aeromagnetic image which suggests detrital magnetite or diagenetic pyrrhotite may be a feature of this unit.

Follow up investigation may include:

- a) Soil Geochemistry (test for geochemical anomalism).
- b) Drill Testing (if the source is not outcropping).

## **5 SUGGESTED BJV WORK PROGRAM 2010**

### **5.1 Specimen Hill**

Collate all Drilling data from the Balfour field and build a 3D Geological Model to assist target generation.

Possibly drill test targets if warranted.

### **5.2 Roaring 41 South**

Soil geochemistry to determine if the prospect contains any metaliferous mineralisation

Drill test the coincident gravity-magnetic high.

***STATEMENT OF INDEPENDENCE***

Tim Callaghan has no material interest or entitlement in the securities or assets of Balfour Management Joint Venture or any associated companies.

***LIMITATIONS AND CONSENT***

The report has been prepared for the Balfour Management Joint Venture using information collected by, and historic information available to the Author at the time of writing. The opinions stated herein are given in good faith and with the belief that the basic assumptions are factual and correct and the interpretations reasonable.

This report is not intended for the use as a public document nor, in whole or in part, in a public document without written consent to the form and context in which it appears.

**All coordinates in this report are recorded in AMG66 Zone 55**

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## **Appendix 1 Drill Logs**



**Drill Log**

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L. Cont.	Struct	BCA	Description
Specime	BJV001	0	1.5		LOSS							Core Loss
Specime	BJV001	1.5	5.1	Lrbq	QZIT	Si	B5	0.00	Jt	Ft	60	Broken and bleached, pale grey and brown (tannin stained) quartzite. Minor qtz vein at 2.0m and vughs after sulphides 4 to 5 m.
Specime	BJV001	5.1	16	Lrbq	SSLT	SiTo	B3	0.00	Bd	Bd	20	Disrupted and foliated laminated siltstone and very fine grained sandstone. Broken brecciated bedding. Vughs after sulphides. Moderately weathered, bleached and silicified. Minor fine disseminated tourmaline? Minor Qtz veining.
Specime	BJV001	16	31.8	Lrbq	QZIT	SiTo	A1	2.00	Ft	Ft	30	Pale grey, fine grained quartzite. Intense, texture destructive silicification. Fractured. Minor coarse Py disseminations. Sparse tourmalinised veins. 29.1m increasing py-po tourmaline veining.
Specime	BJV001	31.8	34.5	FALT	FALT	ToCh	B4	20.00	Ft	Ft	30	Qtz-chlorite fault with patchy pyrite-cpy mineralisation. Brecciated and foliated.
Specime	BJV001	34.5	40.7	Lrbq	SSLT	ToSi	A3	4.00	Sp	Bd	25	Disrupted and foliated laminated siltstone and very fine grained sandstone. Brecciated and disrupted. Silicified sandstone layers. Sparse 2-4cm qtz-carb veins with Po-Py-asy and cassiterite?
Specime	BJV001	40.7	46	Lrbq	QZIT	SiTo	A1	2.00	Ft	Ft	30	Pale grey, fine grained quartzite. Intense, texture destructive silicification. Fractured. Minor coarse Py disseminations. Sparse tourmalinised veins.
Specime	BJV001	46	47.1	Lrbq	QZIT	SiTr	G3	2.00	Ft	Ft	30	Pale grey to green, fine grained quartzite. Intense, texture destructive silicification. Fractured. Pale green and orange spotting possibly chlorite after tremolite??
Specime	BJV001	47.1	50.6	Lrbq	QZIT	Si	A1	2.00	Ft	Ft	30	Pale grey, fine grained quartzite. Intense, texture destructive silicification. Fractured. Minor coarse Py disseminations. Sparse tourmalinised veins. Coarse cassiterite in low angle vughy vein.
Specime	BJV001	50.6	61.8	Lrbq	SSLT	Si	A3	4.00	Sp	Bd	25	Disrupted and foliated laminated siltstone and very fine grained sandstone. Brecciated and disrupted. Silicified sandstone layers. Sparse coarse Py-Po
Specime	BJV001	61.8	63.7	Lrbq	SSLT	Si	A3	4.00	Sp	Bd	25	Disrupted and foliated laminated siltstone and very fine grained sandstone. Brecciated and disrupted. Silicified sandstone layers. Sparse coarse Py-Po 2-5cm coarse vughy veins with coarse py-asy-cassiterite.
Specime	BJV001	63.7	71.7	Lrbq	SSLT	Si	A3	4.00	Sp	Bd	45	Disrupted and foliated laminated siltstone and very fine grained sandstone. Brecciated and disrupted. Silicified sandstone layers. Sparse coarse Py-Po
Specime	BJV001	71.7	75.3	Lrbq	QZIT	Si	A1	2.00	Ft	Ft	45	Pale grey, fine grained quartzite. Intense, texture destructive silicification. Fractured. Minor coarse Py-Po disseminations. Sparse tourmalinised veins.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV001	75.3	81.1	Lrbq	SSLT	Si	A3	0.50	Sp	Bd	45	Sparse Aspy-Py-Po filled veins to 1cm.
Specime	BJV001	81.1	89.6	Lrbq	QZIT	Si	A1	2.00	Ft	Ft	45	Disrupted and foliated laminated siltstone and very fine grained sandstone. Brecciated and disrupted. Silicified sandstone layers. Sparse coarse Py-Po Pale grey, fine grained quartzite. Intense, texture destructive silicification Fractured. Minor coarse Py-Po disseminations. Sparse tourmalinised veins. Sparse Aspy-Py-Po filled veins from 1cm to 20cm.
Specime	BJV001	89.6	90.3		FALT	SiSe	C3	5.00		Ft		Brecciated and bleached quartzite. Fault with sericitic alteration of selvedge. Vughy qtz-py-asy veins. Late brittle fault.
Specime	BJV001	90.3	119	Lrbq	GWAC	BiCb		1.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Spotty carbonate alteration. Sparse thin qtz-py-asy veins some with cassiterite. Stockwork veining with many orientations. Low angle qtz-sulphide vein 105-106m Veining approximately 1/m, 2-5cm veins.
Specime	BJV001	119	135.9	Lrbq	GWAC	CbSe	B2	2.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Spotty to pervasive carbonate alteration. Sparse thin qtz-py-asy veins some with cassiterite. Patchy, large euhedral py xtals with intense carb alteration and tourmalinisation.
Specime	BJV001	135.9	136.4		FALT	SiCb	W	2.00	Ft	Ft	25	Low angle brittle fault with qtz-carb infill and minor coarse py-asy. Sericite on vein margin. Coarse cassiterite. Tourmalinised selvedge.
Specime	BJV001	136.4	145.3	Lrbq	GWAC	CbSe	B2	2.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Minor carbonate alteration. Sparse thin qtz-py-asy veins some with cassiterite. Patchy, large euhedral py xtals with intense carb alteration and tourmalinisation.
Specime	BJV001	145.3	146		VEIN	SiCb	W	20.00	Sp	Ft	60	Coarse qtz-asy-py vein breccia. Fault infill. Brittle fault.
Specime	BJV001	146	152.2	Lrbq	GWAC	CbSe	B2	2.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Spotty to pervasive carbonate alteration. Sparse thin qtz-py-asy veins some with cassiterite. Patchy, large euhedral py xtals with intense carb alteration and tourmalinisation.
Specime	BJV001	152.2	153.7		VEIN	SiCb	W	20.00	Sp	Ft	60	Coarse qtz-asy-py vein breccia. Fault infill. Brittle fault. Coarse Cassiterite?
Specime	BJV001	153.7	159	Lrbq	GWAC	CbSe	A2	2.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Spotty to pervasive carbonate alteration. Sparse thin qtz-cb-py-asy veins

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV001	159	171	Lrbq	GWAC	CbSe	B2	2.00	Gr	Bd	45	Interbedded, fine grained sandstone and siltstone. Graded beds with uphole facing Spotty to pervasive carbonate alteration. Sparse thin qtz-py-asy py veins some with cassiterite. Patchy, large euhedral py xtals with intense carb alteration and tourmalinisation.
Specime	BJV001	171	176.1	Lbrq	SSLT	ChSe	A2	0.50		Bd	35	Laminated siltstone. Disrupted and contorted bedding. Pervasive, banded ch-se alteration. Fine sparse py veins. Minor disseminated coarse po-py euhedra.
Specime	BJV001	176.1	176.4		VEIN	SiCb	W	20.00	Sp	Ft	60	Coarse qtz-asy py vein breccia. Fault infill. Brittle fault. Coarse Cassiterite?
Specime	BJV001	176.4	234.9	Lbrq	SSLT	ChSe	A2	0.20		Bd	35	Laminated siltstone. Disrupted and contorted bedding. Pervasive, banded ch-se alteration. Fine sparse py veins. Minor disseminated coarse po-py euhedra. Minor thin qtz-asy py veining between 188 - 191m.
Specime	BJV001	234.9	235.1		FALT	Ch	G5	0.00		Ft	25	Low angle brittle fault. Pug filled breccia.
Specime	BJV001	235.1	238.5	Lbrq	SSLT	ChSe	A2	0.20		Bd	35	Laminated siltstone. Disrupted and contorted bedding. Pervasive, banded ch-se alteration. Fine sparse py veins. Minor disseminated coarse po-py euhedra. EOH

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV001	1.5	3	800	40								
Specimen	BJV001	3	4	300	20								
Specimen	BJV001	4	5	300	190								
Specimen	BJV001	5	6	1000	120								
Specimen	BJV001	6	7	100	40								
Specimen	BJV001	7	8	-100	80								
Specimen	BJV001	8	9	-100	70								
Specimen	BJV001	9	10	100	70								
Specimen	BJV001	10	11	100	80								
Specimen	BJV001	11	12	100	60								
Specimen	BJV001	12	13	100	80								
Specimen	BJV001	13	14	300	1240								
Specimen	BJV001	14	15	100	60								
Specimen	BJV001	15	16	100	50								
Specimen	BJV001	16	17	100	80								
Specimen	BJV001	17	18	-100	20								
Specimen	BJV001	18	19	-100	10								
Specimen	BJV001	19	20	100	-10								
Specimen	BJV001	20	21	-100	10								
Specimen	BJV001	21	22	100	40								
Specimen	BJV001	22	23	200	30								
Specimen	BJV001	23	24	-100	20								
Specimen	BJV001	24	25	-100	20								
Specimen	BJV001	25	26	100	50								
Specimen	BJV001	26	27	100	40								
Specimen	BJV001	27	28	-100	270								
Specimen	BJV001	28	29	200	30								
Specimen	BJV001	29	30	100	20								
Specimen	BJV001	30	31	-100	30								
Specimen	BJV001	31	32	1000	170								
Specimen	BJV001	32	33	4300	310								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV001	33	34	2000	240								
Specimen	BJV001	34	35	600	20								
Specimen	BJV001	35	36	100	20								
Specimen	BJV001	36	37	-100	50								
Specimen	BJV001	37	38	100	60								
Specimen	BJV001	38	39	200	10								
Specimen	BJV001	39	40	100	2590								
Specimen	BJV001	40	41	100	60								
Specimen	BJV001	51	52	100	30								
Specimen	BJV001	52	53	200	50								
Specimen	BJV001	53	54	100	20								
Specimen	BJV001	54	55	100	40								
Specimen	BJV001	55	56	100	60								
Specimen	BJV001	56	57	100	30								
Specimen	BJV001	57	58	100	-10								
Specimen	BJV001	58	59	-100	10								
Specimen	BJV001	59	60	100	10								
Specimen	BJV001	60	61	100	10								
Specimen	BJV001	61	62	100	100								
Specimen	BJV001	62	63	100	1720								
Specimen	BJV001	63	64	100	1390								
Specimen	BJV001	64	65	100	10								
Specimen	BJV001	65	66	100	30								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV001	66	67	100	140								
Specimen	BJV001	67	68	200	20								
Specimen	BJV001	68	69	600	70								
Specimen	BJV001	69	70	100	50								
Specimen	BJV001	70	71	100	90								
Specimen	BJV001	71	72	100	860								
Specimen	BJV001	72	73	-100	30								
Specimen	BJV001	73	74	100	30								
Specimen	BJV001	74	75	-100	-10								
Specimen	BJV001	78	79	100	10								
Specimen	BJV001	79	80	100	30								
Specimen	BJV001	80	81	100	20								
Specimen	BJV001	90	91	-100	70								
Specimen	BJV001	91	92	200	1070								
Specimen	BJV001	92	93	500	200								
Specimen	BJV001	93	94	300	530								
Specimen	BJV001	94	95	100	30								
Specimen	BJV001	95	96	100	40								
Specimen	BJV001	96	97	100	160								
Specimen	BJV001	97	98	100	60								
Specimen	BJV001	98	99	300	70								
Specimen	BJV001	99	100	300	420								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV001	100	101	100	110								
Specimen	BJV001	101	102	200	400								
Specimen	BJV001	102	103	100	100								
Specimen	BJV001	103	104	100	40								
Specimen	BJV001	104	105	100	100								
Specimen	BJV001	105	106	100	3830								
Specimen	BJV001	106	107	300	680								
Specimen	BJV001	107	108	300	60								
Specimen	BJV001	108	109	300	70								
Specimen	BJV001	119	120	100	110								
Specimen	BJV001	120	121	100	50								
Specimen	BJV001	121	122	100	160								
Specimen	BJV001	128	129	300	120								
Specimen	BJV001	129	130	100	340								
Specimen	BJV001	130	131	300	120								
Specimen	BJV001	131	132	400	17170								
Specimen	BJV001	132	133	300	80								
Specimen	BJV001	133	134	300	170								
Specimen	BJV001	134	135	300	170								
Specimen	BJV001	135	136	200	150								
Specimen	BJV001	136	137	200	2200								
Specimen	BJV001	137	138	200	100								
Specimen	BJV001	138	139	200	70								
Specimen	BJV001	139	140	300	130								
Specimen	BJV001	140	141	200	1420								
Specimen	BJV001	141	142	200	19270								
Specimen	BJV001	142	143	200	250								
Specimen	BJV001	143	144	400	250								
Specimen	BJV001	144	145	200	200								
Specimen	BJV001	145	146	400	80								
Specimen	BJV001	146	147	100	90								
Specimen	BJV001	147	148	200	80								
Specimen	BJV001	148	149	200	110								
Specimen	BJV001	149	150	600	90								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV001	150	151	200	120								
Specimen	BJV001	151	152	200	120								
Specimen	BJV001	152	153	4800	930								
Specimen	BJV001	153	154	3600	750								
Specimen	BJV001	154	155	300	130								
Specimen	BJV001	155	156	200	120								
Specimen	BJV001	156	157	300	880								
Specimen	BJV001	157	158	300	2480								
Specimen	BJV001	158	159	4200	3000								
Specimen	BJV001	159	160	200	230								
Specimen	BJV001	160	161	300	1110								
Specimen	BJV001	161	162	200	400								
Specimen	BJV001	162	163	200	300								
Specimen	BJV001	163	164	100	70								
Specimen	BJV001	164	165	200	70								
Specimen	BJV001	165	166	200	180								
Specimen	BJV001	166	167	100	150								
Specimen	BJV001	167	168	200	200								
Specimen	BJV001	168	169	100	100								
Specimen	BJV001	169	170	100	50								
Specimen	BJV001	170	171	100	40								
Specimen	BJV001	176	177	1100	1880								
Specimen	BJV001	188	189	1900	80								
Specimen	BJV001	189	190	1700	300								
Specimen	BJV001	190	191	200	40								

<b>Project</b>	<b>BHID</b>	<b>From</b>	<b>To</b>	<b>Recovery</b>
Specimen Hill	BJV001	1.5	4.3	2.4
Specimen Hill	BJV001	4.3	5.1	0.8
Specimen Hill	BJV001	5.1	8.1	3
Specimen Hill	BJV001	8.1	11.1	3
Specimen Hill	BJV001	11.1	14.1	3
Specimen Hill	BJV001	14.1	17.1	3
Specimen Hill	BJV001	17.1	20.1	3
Specimen Hill	BJV001	20.1	23.1	3
Specimen Hill	BJV001	23.1	26.1	3
Specimen Hill	BJV001	26.1	29.1	3
Specimen Hill	BJV001	29.1	32.1	3
Specimen Hill	BJV001	32.1	35.1	3
Specimen Hill	BJV001	35.1	38.1	3
Specimen Hill	BJV001	38.1	41.1	3
Specimen Hill	BJV001	41.1	44.1	3
Specimen Hill	BJV001	44.1	47.1	3
Specimen Hill	BJV001	47.1	50.1	3
Specimen Hill	BJV001	50.1	53.1	3
Specimen Hill	BJV001	53.1	56.1	3
Specimen Hill	BJV001	56.1	59.1	3
Specimen Hill	BJV001	59.1	62.1	3
Specimen Hill	BJV001	62.1	65.1	3
Specimen Hill	BJV001	65.1	68.1	3
Specimen Hill	BJV001	68.1	71.1	3
Specimen Hill	BJV001	71.1	74.1	3
Specimen Hill	BJV001	74.1	77.1	3
Specimen Hill	BJV001	77.1	80.1	3
Specimen Hill	BJV001	80.1	83.1	3
Specimen Hill	BJV001	83.1	86.1	3
Specimen Hill	BJV001	86.1	89.1	3
Specimen Hill	BJV001	89.1	92.1	3
Specimen Hill	BJV001	92.1	95.1	3
Specimen Hill	BJV001	95.1	98.1	3
Specimen Hill	BJV001	98.1	101.1	3
Specimen Hill	BJV001	101.1	104.1	3
Specimen Hill	BJV001	104.1	107.1	3
Specimen Hill	BJV001	107.1	110.1	3
Specimen Hill	BJV001	110.1	113.1	3
Specimen Hill	BJV001	113.1	116.1	3
Specimen Hill	BJV001	116.1	119.1	3
Specimen Hill	BJV001	119.1	122.1	3
Specimen Hill	BJV001	122.1	125.1	3
Specimen Hill	BJV001	125.1	128.1	3
Specimen Hill	BJV001	128.1	131.1	3
Specimen Hill	BJV001	131.1	134.1	3
Specimen Hill	BJV001	134.1	137.1	3
Specimen Hill	BJV001	137.1	140.1	3
Specimen Hill	BJV001	140.1	143.1	3

Specimen Hill	BJV001	143.1	146.1	3
Specimen Hill	BJV001	146.1	149.1	3
Specimen Hill	BJV001	149.1	152.1	3
Specimen Hill	BJV001	152.1	155.1	3
Specimen Hill	BJV001	155.1	158.1	3
Specimen Hill	BJV001	158.1	161.1	3
Specimen Hill	BJV001	161.1	164.1	3
Specimen Hill	BJV001	164.1	167.1	3
Specimen Hill	BJV001	167.1	170.1	3
Specimen Hill	BJV001	170.1	173.1	3
Specimen Hill	BJV001	173.1	176.1	3
Specimen Hill	BJV001	176.1	179.1	3
Specimen Hill	BJV001	179.1	182.1	3
Specimen Hill	BJV001	182.1	185.1	3
Specimen Hill	BJV001	185.1	188.1	3
Specimen Hill	BJV001	188.1	191.1	3
Specimen Hill	BJV001	191.1	194.1	3
Specimen Hill	BJV001	194.1	197.1	3
Specimen Hill	BJV001	197.1	200.1	3
Specimen Hill	BJV001	200.1	203.1	3



**Drill Log**

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV002	0	18	Lrbq	SSLT	Ch	A3	0.20	Gr	Bd	15	Laminated grey and pale grey siltstone. Thin beds to 2cm of alternating dark grey and pale gray siltstone. Disrupted bedding. Low core angle. Minor disseminated coarse euhedral Py. Partially weathered.
Specime	BJV002	18	29.4	Lrbq	SSLT	Ch	A2		Ft	Bd	15	Laminated grey and pale grey siltstone. Thin beds to 2cm of alternating dark grey and pale gray siltstone. Disrupted bedding. Low core angle. Bleached, with euhedral pitting after py.
Specime	BJV002	29.4	29.8		FALT	Cy	A3	0.00	Ft			Broken and puggy core. Faulted.
Specime	BJV002	29.8	43.2	Lrbq	GWAC	ChCy	A1	0.50	Sp	Bd	20	Massive, pale grey fine grained qtz-lithic greywacke sandstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin(?) overprinting early chlorite alteration. Minor patches of pale brown pervasive tourmaline alteration. Sparse, thin qtz-py-asy veining. Approximately 1 vein per 2-3m.
Specime	BJV002	43.2	43.5		VEIN	Py		100.00	Sp	Vn	85	Massive sulphide vein. Coarse grained py-cpy and aspy. Minor coarse cassiterite.
Specime	BJV002	43.5	45.1	Lrbq	GWAC	ChCy	A1	0.50	Sp	Bd	20	Massive, pale grey fine grained qtz-lithic greywacke sandstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration.
Specime	BJV002	45.1	45.5		FALT	Cy	A3	0.00	Ft	Ft	30	Broken and puggy core. Faulted. Thin qtz-musc vein on FW.
Specime	BJV002	45.5	53.8	Lrbq	GWAC	ChCy	A1	0.50	Sp	Bd	20	Massive, pale grey fine grained qtz-feldspar greywacke sandstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration. Thin py-asy veining with py and tourmaline selvedge, particularly 50-52m.
Specime	BJV002	53.8	54.1		VEIN	Py		80.00	Sp	Vn	85	Massive sulphide vein. Coarse grained py-cpy and aspy. Minor coarse cassiterite. 20% white qtz.
Specime	BJV002	54.1	63.7	Lrbq	GWAC	ChCy	A1	0.50	Sp	Bd	20	Massive, pale grey fine grained qtz-lithic greywacke sandstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration. Thin py-asy veining with py and tourmaline selvedge.
Specime	BJV002	63.7	69	Lrbq	SSLT	ChCy	A2	0.50	Sp	Bd	60	Laminated dark grey siltstone with lesser greywacke interbeds. Becoming bleached and kaolin altered downhole. Coarse disseminated py euhedra.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L. Cont.	Struct	BCA	Description
Specime	BJV002	69	72	Lrbq	VEIN	ChSi	A2	5.00	Gr	Vn	30	Minor vughy py veining.
Specime	BJV002	72	78	Lrbq	GWAC	ChCy	A1	0.50	Sp	Bd	20	Laminated dark grey siltstone with lesser greywacke interbeds. Brecciated with vughy qtz-py-asy-cassiterite veins abundant. Coarse cassiterite/wolframite?
Specime	BJV002	78	78.4		FALT	ChCy	a4	0.00	ft			Massive, pale grey fine grained qtz-lithic greywacke sandstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration.
Specime	BJV002	78.4	87	Lrbq	SSLT	ChCy	A2	0.50	Sp	Bd	60	Puggy brittle fault. Clay infill.
Specime	BJV002	87	90	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Laminated dark grey siltstone with lesser greywacke interbeds. Becoming bleached and kaolin altered downhole. Coarse disseminated py euhedra. Pitted. Numerous thin (2-3cm) aspy-qtz-py veins. Pervasive tourmaline?
Specime	BJV002	90	105	Lrbq	SSLT	ChCy	A2	0.50	Sp	Bd	60	Massive, pale grey fine grained qtz-lithic greywacke sandstone and siltstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration.
Specime	BJV002	105	112.1	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Laminated dark grey siltstone with lesser greywacke interbeds. Becoming bleached and kaolin altered downhole. Coarse disseminated py euhedra. Sparse massive qtz-carb-py-asy veins. Tourmaline altered with patchy bleached zones.
Specime	BJV002	112.1	120.5	Lrbq	SSLT	ChCy	A2	0.50	Sp	Bd	60	Massive, pale grey fine grained qtz-lithic greywacke sandstone and siltstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration.
Specime	BJV002	120.5	130	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Laminated dark grey siltstone with lesser greywacke interbeds. Disrupted bedding. Minor disseminated coarse euhedral py.
Specime	BJV002	130	135.1		VEIN	Py		80.00	Sp	Vn	10	Massive, pale grey fine grained qtz-lithic greywacke sandstone and siltstone. Graded beds. Minor siltstone interbeds. Minor disseminated euhedral py. Bleached and altered with kaolin? overprinting early chlorite alteration.
Specime	BJV002	135.1	142	Lrbq	GWAC	ChSi	A2	0.80	Gr	Bd	70	Massive sulphide vein. Coarse grained PyCpy and Aspy. Minor coarse cassiterite. 20% white qtz, minor muscovite. Scheelite? Low angle to bca, drilled down vein. Vein cuts bedding at high angle. ie. Discordant to bedding.
Specime	BJV002	135.1	142	Lrbq	GWAC	ChSi	A2	0.80	Gr	Bd	70	Laminated siltstone and greywacke. Brecciated and annealed with network of fine qtz-py veinlets. Pervasive silicification.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV002	142	153.1	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminate siltstone. Bleaching of greywacke beds. Sparse coarse qtz-carbonate-asy-py veins. Minor coarse py disseminations.
Specime	BJV002	153.1	161	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Bleaching of greywacke beds. Minor coarse py disseminations.
Specime	BJV002	161	161.8	Lrbq	BRXX	ToSi	B4	2.00	Gr			Tourmalinised siltstone breccia. Numerous veinlets of qtz-carbonate-asy-py-wolframite-cassiterite.
Specime	BJV002	161.8	177	Lrbq	GWAC	ChCy	A1	0.10	Sp	Bd	60	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminate siltstone. Bleaching of greywacke beds. Sparse coarse qtz-carbonate-asy-py veins. Minor coarse py disseminations.
Specime	BJV002	177	203.9	Lrbq	GWAC	ChCy	A1	0.20	Sp	Bd	65	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Bleaching of greywacke beds. Minor coarse py disseminations. Minor py microveining.
Specime	BJV002	203.9	205.2		FALT	SiTo	A3	0.10	Ft	Ft	60	Brecciated, brittle-ductile fault. Silicified and tour,aline altered. Puggy brittle FW.
Specime	BJV002	205.2	206.8	Lrbq	GWAC	SiTo	A1	0.20	Sp	Bd	65	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Brecciated and silicified, with patchy tourmaline alteration.
Specime	BJV002	206.8	207.8		VEIN	PySi		80.00	Sp	Vn	85	Massive sulphide vein. Coarse grained py-cpy-asy. Minor coarse cassiterite. 60% white qtz, minor muscovite. Scheelite? High angle to bca, brecciated..
Specime	BJV002	207.8	209.6	Lrbq	GWAC	SiTo	A1	0.20	Sp	Bd	65	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Brecciated and silicified, with patchy tourmaline alteration.
Specime	BJV002	209.6	210.4		VEIN	PySi		80.00	Sp	Vn	60	Massive sulphide vein. Coarse grained py-cpy-asy. Minor coarse cassiterite. 60% white qtz, minor muscovite. Scheelite? High angle to bca, brecciated..
Specime	BJV002	210.4	219.2	Lrbq	GWAC	SiTo	A1	0.20	Sp	Bd	75	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Brecciated and silicified, with patchy tourmaline alteration.
Specime	BJV002	219.2	222.3	Lrbq	SSLT	SiTo	A2	1.00	Sp	Bd	60	Laminated dark grey siltstone with lesser greywacke interbeds. Disrupted bedding. Minor disseminated coarse euhedral py. Brecciated. Minor qtz-asy-py veining.
Specime	BJV002	222.3	224.8	Lrbq	GWAC	SiTo	A1	0.20	Sp	Bd	75	Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV002	224.8	239	Lrbq	GWAC	ChSi	A1	0.20	Sp	Bd	75	siltstone. Brecciated and silicified. 20% qtz-asy-py-carb veining. BCA=60. Massive, pale grey fine grained qtz-lithic greywacke sandstone and laminated siltstone. Silicified. Minor coarse Po veins and blebs. EOH 239.0m

Project	BHID	From	To	Recovery
Specime	BJV00	0	3	3
Specime	BJV00	3	5	2
Specime	BJV00	5	8	3
Specime	BJV00	8	11	3
Specime	BJV00	11	12.7	1.7
Specime	BJV00	12.7	14	1.3
Specime	BJV00	14	17	3
Specime	BJV00	17	20	3
Specime	BJV00	20	23	3
Specime	BJV00	23	26	3
Specime	BJV00	26	29	3
Specime	BJV00	29	32	2.9
Specime	BJV00	32	34.7	2.7
Specime	BJV00	34.7	37.8	3.1
Specime	BJV00	37.8	40.6	2.8
Specime	BJV00	40.6	43	2.4
Specime	BJV00	43	45.4	2.4
Specime	BJV00	45.4	47	1.6
Specime	BJV00	47	50	3
Specime	BJV00	50	52.4	2.4
Specime	BJV00	52.4	54.8	2.4
Specime	BJV00	54.8	56.7	1.7
Specime	BJV00	56.7	59	2.3
Specime	BJV00	59	61.8	2.8
Specime	BJV00	61.8	63.4	1.6
Specime	BJV00	63.4	65	1.6
Specime	BJV00	65	68	3
Specime	BJV00	68	71	3
Specime	BJV00	71	73.1	2.1
Specime	BJV00	73.1	76.2	3.1
Specime	BJV00	76.2	78.4	2.2
Specime	BJV00	78.4	80	1.6
Specime	BJV00	80	83	3
Specime	BJV00	83	85.4	2.2
Specime	BJV00	85.4	87.2	1.7
Specime	BJV00	87.2	89	1.8
Specime	BJV00	89	91.9	2.9
Specime	BJV00	91.9	95	3.1
Specime	BJV00	95	98	3
Specime	BJV00	98	101	3
Specime	BJV00	101	104	3
Specime	BJV00	104	107	3
Specime	BJV00	107	110	3
Specime	BJV00	110	113	3
Specime	BJV00	113	116	3
Specime	BJV00	116	119	3
Specime	BJV00	119	122	3
Specime	BJV00	122	125	3

Specime	BJV00	125	128	3
Specime	BJV00	128	131	3
Specime	BJV00	131	134	3
Specime	BJV00	134	137	3
Specime	BJV00	137	140	3
Specime	BJV00	140	143	3
Specime	BJV00	143	146	3
Specime	BJV00	146	149	3
Specime	BJV00	149	152	3
Specime	BJV00	152	155	3
Specime	BJV00	155	158	3
Specime	BJV00	158	161	3
Specime	BJV00	161	164	3
Specime	BJV00	164	167	3
Specime	BJV00	167	170	3
Specime	BJV00	170	173	3
Specime	BJV00	173	176	3
Specime	BJV00	176	179	3
Specime	BJV00	179	182	3
Specime	BJV00	182	185	3
Specime	BJV00	185	188	3
Specime	BJV00	188	191	3
Specime	BJV00	191	194	3
Specime	BJV00	194	197	3
Specime	BJV00	197	200	3
Specime	BJV00	200	203	3
Specime	BJV00	203	206	3
Specime	BJV00	206	209	3
Specime	BJV00	209	212	3
Specime	BJV00	212	215	3
Specime	BJV00	215	218	3
Specime	BJV00	218	221	3
Specime	BJV00	221	224	3
Specime	BJV00	224	227	3
Specime	BJV00	227	230	3
Specime	BJV00	230	233	3
Specime	BJV00	233	236	3
Specime	BJV00	236	239	3



**Drill Log**

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV003	0	8.6	Lbrq	SSLT	ToCy	B1	0.10	Gr	Bd	60	Bleached and broken laminated siltstone. Weathered. Pitted after disseminated sulphides. Pervasive silica-tourmaline alteration. Minor thin qz-py veins.
Specime	BJV003	8.6	12.8	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	65	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Pervasive tourmaline-silica alteration. Sparse fine qtz-py-muscovite stockwork veining.
Specime	BJV003	12.8	21	Lbrq	SSLT	ToCy	A2	0.10	Gr	Bd	60	Bleached and broken laminated siltstone. Weathered. Pitted after disseminated sulphides. Pervasive silica-tourmaline-kaolin alteration. Minor thin qz-py veins. Disrupted, contorted and brecciated bedding. Limonitic jts.
Specime	BJV003	21	27.3	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	50	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Pervasive tourmaline-silica alteration. Sparse fine qtz-py-muscovite stockwork veining.
Specime	BJV003	27.3	42.5	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	15	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Minor tourmaline-silica alteration. Sparse fine qtz-py-muscovite stockwork veining in localised patches. Minor coarse disseminated py euhedra.
Specime	BJV003	42.5	64.5	Lrbq	GWAC	ToSi	A1	0.10	Gr	Bd	10	Interbedded qtz-lithic greywacke and laminated siltstone. Minor tourmaline-silica-ser alteration. Minor qtz-py-muscovite veining occasionally with coarse cassiterite.
Specime	BJV003	64.5	82	Lrbq	GWAC	Cy	B2	0.00	Gr	Bd	10	Massive qtz-lithic greywacke with minor siltstone. Bleached to pale buff colour. Minor dendritic limonite veining? Rare qtz-py veining Up Hole facing in graded beds. Qtz-py vein at 75m (30cm).
Specime	BJV003	82	87.8	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	25	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Thin qtz-asy-py veins sub parallel and crosscutting bedding. Minor coarse spotty py disseminations.
Specime	BJV003	87.8	91.8	Lrbq	GWAC	ChTo	B2	0.00	Gr	Bd	10	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching Minor fine tourmaline alteration.
Specime	BJV003	91.8	105.2	Lrbq	GWAC	ChTo	B2	0.00	Gr	Bd	10	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor fine tourmaline alteration. Sparse vughy qtz-py-asy veins of varying orientation. Minor cassiterite in some veins.
Specime	BJV003	105.2	108.1	Lrbq	GWAC	Cy	B2	0.00	Gr	Bd	10	Massive qtz-lithic greywacke with minor siltstone. Bleached to pale buff colour.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV003	108.1	113.8		VEIN	ToSi	A2	10.00	Gr			Minor coarse disseminated py. Broken and brecciated qtz-py-asy py veins and pale grey silicified siltstone. Numerous vughy veins with generally high bca's, crosscutting bedding. Minor core loss, puggy faulting.
Specime	BJV003	113.8	119.3	Lrbq	SSLT	ChSi	A2	0.50	Sp	Bd	15	Pale grey to cream laminated planar siltstone. Minor silicification. Sparse coarse py disseminations.
Specime	BJV003	119.3	119.6		VEIN	Py		80.00	Sp	Vn	75	Massive, coarse grained py-asy py-qtz-cpy-carb-cassiterite vein. Cross cutting bedding at high angle.
Specime	BJV003	119.6	124	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	25	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Thin qtz-asy py veins sub parallel and crosscutting bedding. Minor coarse spotty py disseminations. Disseminated fine tourmaline alteration.
Specime	BJV003	124	145	Lrbq	GWAC	ChTo	B2	0.00	Gr	Bd	20	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor sparse disseminated coarse po-py spotting.
Specime	BJV003	145	158.5	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	25	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Minor greywacke, graded uphole facing. Sparse qtz-py-cassiterite veining (147.9m).
Specime	BJV003	158.5	174	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	50	Dark grey, laminated siltstone. Disrupted, faulted and brecciated bedding. Thin qtz-asy py veins sub parallel and crosscutting bedding. Minor coarse spotty py disseminations. Disseminated fine tourmaline alteration. Patchy silicification.
Specime	BJV003	174	183.2	Lrbq	GWAC	ChTo	B2	0.10	Gr	Bd	60	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor Po-Py spotting. Graded beds facing up hole.
Specime	BJV003	183.2	199.6	Lrbq	GWAC	SiTo	B2	0.20	Gr	Bd	45	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor sparse disseminated coarse po-py spotting. Sparse thin qtz-carb-py-asy py-cassiterite veining. Pervasive tourmaline alteration.
Specime	BJV003	199.6	201.8	Lrbq	GWAC	Si	A2	0.20	Gr	Bd	45	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor Po-Py spotting. Graded beds facing up hole.
Specime	BJV003	201.8	210.8		FALT	Si	A2	0.05	Sp			Intensely silicified fault breccia. Minor Po and Py. Rare qtz-muscovite microveins. Texture destructive silicification.
Specime	BJV003	210.8	213	Lrbq	GWAC	Si	A1	0.20	Gr	Bd	45	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor Po-Py spotting. Graded beds facing up hole. Moderate silicification.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV003	213	214.4	Lrbq	GWAC	SiTo	B2	0.20	Gr	Bd	45	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor sparse disseminated coarse po-py spotting. Banded domainal fine tourmaline alteration.
Specime	BJV003	214.4	215		VEIN	ToSi	W	70.00	Sp	Vn	45	Massive, vughy, qtz-carb-py-asy-cassiterite vein. Abundant cassiterite.
Specime	BJV003	215	227.6	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	60	Banded grey/brown, laminated siltstone. Disrupted, faulted and brecciated bedding Sparse, coarse qtz-asy-py veins sub parallel and crosscutting bedding. Minor coarse spotty py disseminations. Disseminated fine tourmaline alteration.
Specime	BJV003	227.6	231.5		VEIN	ToSi	W	20.00	Sp	Vn	20	Several low angle massive, vughy, qtz-carb-py-asy-musc veins. Minor cassiterite Tourmalinised, brecciated siltstone selvedge. Vein Swarm.
Specime	BJV003	231.5	233	Lrbq	SSLT	ToSi	A2	0.20	Sp	Bd	60	Banded grey/brown, laminated siltstone. Disrupted, faulted and brecciated bedding Minor coarse spotty py disseminations. Disseminated fine tourmaline alteration.
Specime	BJV003	233	247.2	Lrbq	GWAC	Si	A1	0.20	Gr	Bd	70	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor Po-Py spotting. Graded beds facing up hole. Moderate silicification. Sparse massive qtz-carbonate-sulphide veins of 20cm width (234.3, 239.6 and 246.8m). Thin cassiterite rich vein
Specime	BJV003	247.2	269	Lrbq	GWAC	Si	A1	0.20	Gr	Bd	70	Massive qtz-lithic greywacke with minor siltstone. Weak bleaching. Minor Po-Py veining. Graded beds facing up hole. Moderate silicification. One 20cm qtz-sulphide vein at 267.7m. EOH

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV003	6	7	100	40								
Specimen	BJV003	7	8	100	80								
Specimen	BJV003	8	9	100	40								
Specimen	BJV003	9	10	100	20								
Specimen	BJV003	10	11	-100	10								
Specimen	BJV003	11	12	100	20								
Specimen	BJV003	12	13	100	20								
Specimen	BJV003	13	14	100	40								
Specimen	BJV003	14	15	600	220								
Specimen	BJV003	15	16	100	40								
Specimen	BJV003	16	17	100	30								
Specimen	BJV003	17	18	200	30								
Specimen	BJV003	18	19	700	60								
Specimen	BJV003	19	20	300	80								
Specimen	BJV003	20	21	1300	140								
Specimen	BJV003	21	22	600	70								
Specimen	BJV003	22	23	300	20								
Specimen	BJV003	23	24	200	30								
Specimen	BJV003	24	25	200	60								
Specimen	BJV003	25	26	200	30								
Specimen	BJV003	26	27	100	50								
Specimen	BJV003	27	28	-100	10								
Specimen	BJV003	28	29	-100	20								
Specimen	BJV003	29	30	-100	10								
Specimen	BJV003	30	31	-100	10								
Specimen	BJV003	31	32	200	20								
Specimen	BJV003	32	33	500	40								
Specimen	BJV003	33	34	800	30								
Specimen	BJV003	34	35	200	20								
Specimen	BJV003	35	36	100	10								
Specimen	BJV003	36	37	100	10								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV003	37	38	100	40								
Specimen	BJV003	38	39	100	40								
Specimen	BJV003	39	40	100	30								
Specimen	BJV003	40	41	200	30								
Specimen	BJV003	41	42	100	210								
Specimen	BJV003	42	43	100	520								
Specimen	BJV003	53	54	300	1630								
Specimen	BJV003	54	55	100	20								
Specimen	BJV003	59	60	100	-10								
Specimen	BJV003	60	61	200	40								
Specimen	BJV003	61	62	100	30								
Specimen	BJV003	68	69	100	30								
Specimen	BJV003	69	70	-100	30								
Specimen	BJV003	70	71	-100	30								
Specimen	BJV003	71	72	-100	20								
Specimen	BJV003	72	73	100	-10								
Specimen	BJV003	73	74	100	40								
Specimen	BJV003	74	75	200	60								
Specimen	BJV003	75	76	200	50								
Specimen	BJV003	76	77	-100	30								
Specimen	BJV003	77	78	100	30								
Specimen	BJV003	78	79	100	20								
Specimen	BJV003	79	80	100	20								
Specimen	BJV003	80	81	100	60								
Specimen	BJV003	81	82	100	70								
Specimen	BJV003	82	83	100	70								
Specimen	BJV003	83	84	200	30								
Specimen	BJV003	84	85	100	20								
Specimen	BJV003	85	86	200	30								
Specimen	BJV003	86	87	200	100								
Specimen	BJV003	87	88	100	60								
Specimen	BJV003	88	89	100	20								
Specimen	BJV003	89	90	-100	20								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV003	90	91	100	30								
Specimen	BJV003	91	92	100	70								
Specimen	BJV003	92	93	100	90								
Specimen	BJV003	93	94	100	50								
Specimen	BJV003	94	95	100	90								
Specimen	BJV003	95	96	100	70								
Specimen	BJV003	96	97	100	70								
Specimen	BJV003	97	98	800	550								
Specimen	BJV003	98	99	200	30								
Specimen	BJV003	99	100	200	550								
Specimen	BJV003	100	101	200	60								
Specimen	BJV003	101	102	100	70								
Specimen	BJV003	102	103	100	50								
Specimen	BJV003	103	104	200	130								
Specimen	BJV003	110	111	100	20								
Specimen	BJV003	111	112	200	560								
Specimen	BJV003	112	113	1100	90								
Specimen	BJV003	113	114	900	30								
Specimen	BJV003	114	115	600	40								
Specimen	BJV003	115	116	200	30								
Specimen	BJV003	116	117	200	40								
Specimen	BJV003	117	118	200	30								
Specimen	BJV003	118	119	200	20								
Specimen	BJV003	119	120	5700	2340								
Specimen	BJV003	120	121	200	50								
Specimen	BJV003	121	122	100	30								
Specimen	BJV003	122	123	100	40								
Specimen	BJV003	123	124	4400	70								
Specimen	BJV003	124	125	100	80								
Specimen	BJV003	148	149	600	30								
Specimen	BJV003	159	160	10200	100								
Specimen	BJV003	160	161	900	50								
Specimen	BJV003	165	166	100	150								
Specimen	BJV003	166	167	200	90								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV003	167	168	200	50								
Specimen	BJV003	168	169	100	50								
Specimen	BJV003	169	170	100	50								
Specimen	BJV003	170	171	100	70								
Specimen	BJV003	171	172	600	40								
Specimen	BJV003	172	173	300	40								
Specimen	BJV003	173	174	100	550								
Specimen	BJV003	174	175	100	100								
Specimen	BJV003	183	184	200	50								
Specimen	BJV003	184	185	200	160								
Specimen	BJV003	185	186	200	60								
Specimen	BJV003	186	187	300	130								
Specimen	BJV003	187	188	200	40								
Specimen	BJV003	188	189	200	70								
Specimen	BJV003	189	190	200	60								
Specimen	BJV003	190	191	100	40								
Specimen	BJV003	191	192	200	200								
Specimen	BJV003	192	193	200	30								
Specimen	BJV003	193	194	100	40								
Specimen	BJV003	194	195	200	40								
Specimen	BJV003	195	196	500	50								
Specimen	BJV003	196	197	200	50								
Specimen	BJV003	197	198	300	60								
Specimen	BJV003	213	214	300	80								
Specimen	BJV003	214	215	400	570								
Specimen	BJV003	215	216	100	50								
Specimen	BJV003	216	217	100	140								
Specimen	BJV003	217	218	100	70								
Specimen	BJV003	218	219	100	30								
Specimen	BJV003	219	220	600	130								
Specimen	BJV003	220	221	700	3220								
Specimen	BJV003	221	222	100	50								
Specimen	BJV003	222	223	100	30								
Specimen	BJV003	223	224	200	90								

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV003	224	225	200	60								
Specimen	BJV003	225	226	100	30								
Specimen	BJV003	226	227	200	60								
Specimen	BJV003	227	228	200	60								
Specimen	BJV003	228	229	100	90								
Specimen	BJV003	229	230	-100	4600								
Specimen	BJV003	230	231	100	2900								
Specimen	BJV003	231	232	100	300								
Specimen	BJV003	232	233	100	170								
Specimen	BJV003	233	234	200	150								
Specimen	BJV003	234	235	300	140								
Specimen	BJV003	235	236	100	410								
Specimen	BJV003	236	237	100	130								
Specimen	BJV003	237	238	100	120								
Specimen	BJV003	238	239	100	80								
Specimen	BJV003	239	240	400	150								
Specimen	BJV003	240	241	200	-10								
Specimen	BJV003	241	242	100	3100								
Specimen	BJV003	242	243	200	840								
Specimen	BJV003	243	244	100	640								
Specimen	BJV003	244	245	100	250								
Specimen	BJV003	245	246	200	150								
Specimen	BJV003	246	247	100	170								
Specimen	BJV003	247	248	200	110								
Specimen	BJV003	266	267	400	150								
Specimen	BJV003	267	268	300	90								

<b>Project</b>	<b>BHID</b>	<b>From</b>	<b>To</b>	<b>Recovery</b>
Specime	BJV00	0	5	2.5
Specime	BJV00	5	7.6	2.6
Specime	BJV00	7.6	10.7	3.1
Specime	BJV00	10.7	13.6	2.9
Specime	BJV00	13.6	15.9	2.3
Specime	BJV00	15.9	17	1.1
Specime	BJV00	17	20	3
Specime	BJV00	20	23	3
Specime	BJV00	23	25.2	2.2
Specime	BJV00	25.2	27	1.8
Specime	BJV00	27	28.8	1.8
Specime	BJV00	28.8	31.9	3.1
Specime	BJV00	31.9	32.2	0.3
Specime	BJV00	32.2	35	2.8
Specime	BJV00	35	38	3
Specime	BJV00	38	41	3
Specime	BJV00	41	43.2	2.2
Specime	BJV00	43.2	45.8	2.6
Specime	BJV00	45.8	48.9	3.1
Specime	BJV00	48.9	52	3.1
Specime	BJV00	52	55.1	3.1
Specime	BJV00	55.1	57.6	2.5
Specime	BJV00	57.6	59	1.4
Specime	BJV00	59	60.8	1.8
Specime	BJV00	60.8	61.8	1
Specime	BJV00	61.8	64.5	2.7
Specime	BJV00	64.5	65	0.5
Specime	BJV00	65	68	3
Specime	BJV00	68	71	3
Specime	BJV00	71	73.9	2.9
Specime	BJV00	73.9	76.1	2.2
Specime	BJV00	76.1	77	0.9
Specime	BJV00	77	80	3
Specime	BJV00	80	83	3
Specime	BJV00	83	86	3
Specime	BJV00	86	89	3
Specime	BJV00	89	92	3
Specime	BJV00	92	94.8	2.8
Specime	BJV00	94.8	97.8	3
Specime	BJV00	97.8	100.9	3.1
Specime	BJV00	100.9	104	3.1
Specime	BJV00	104	107	3
Specime	BJV00	107	110	3
Specime	BJV00	110	112.7	2.5
Specime	BJV00	112.7	114.7	1.9
Specime	BJV00	114.7	116	1.3
Specime	BJV00	116	119	3
Specime	BJV00	119	121.9	2.9

Specime	BJV00	121.9	125	3.1
Specime	BJV00	125	128	3
Specime	BJV00	128	131	3
Specime	BJV00	131	134	3
Specime	BJV00	134	134	0
Specime	BJV00	134	140	6
Specime	BJV00	140	140.8	0.8
Specime	BJV00	140.8	142.9	2.1
Specime	BJV00	142.9	143.8	0.9
Specime	BJV00	143.8	146	2.2
Specime	BJV00	146	149	3
Specime	BJV00	149	152	3
Specime	BJV00	152	152.4	0.4
Specime	BJV00	152.4	154.9	2.5
Specime	BJV00	154.9	157.9	3
Specime	BJV00	157.9	160.9	3
Specime	BJV00	160.9	163.9	3
Specime	BJV00	163.9	169.4	5.5
Specime	BJV00	169.4	172.5	3.1
Specime	BJV00	172.5	175.6	3.1
Specime	BJV00	175.6	178.6	3
Specime	BJV00	178.6	181.7	3.1
Specime	BJV00	181.7	184.8	3.1
Specime	BJV00	184.8	187.9	3.1
Specime	BJV00	187.9	190.9	3
Specime	BJV00	190.9	193.9	3
Specime	BJV00	193.9	196.9	3
Specime	BJV00	196.9	199.9	3
Specime	BJV00	199.9	202.9	3
Specime	BJV00	202.9	205.9	3
Specime	BJV00	205.9	208.1	2.2
Specime	BJV00	208.1	211.2	3.1
Specime	BJV00	211.2	213.5	2.3
Specime	BJV00	213.5	217.9	4.4
Specime	BJV00	217.9	220.9	3
Specime	BJV00	220.9	223.9	3
Specime	BJV00	223.9	226.9	3
Specime	BJV00	226.9	229.9	3
Specime	BJV00	229.9	232.9	3
Specime	BJV00	232.9	235.9	3
Specime	BJV00	235.9	238.9	3
Specime	BJV00	238.9	241.9	3
Specime	BJV00	241.9	244.9	3
Specime	BJV00	244.9	247.9	3
Specime	BJV00	247.9	250.9	3
Specime	BJV00	250.9	254	3.1
Specime	BJV00	254	257	3
Specime	BJV00	257	260	3
Specime	BJV00	260	263	3
Specime	BJV00	263	266	3
Specime	BJV00	266	269	3



### Drill Log

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV004	0	5.2	Lrbq	SSLT	Cy	C1	0.00	Ft	Bd	30	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Strongly weathered, pale cream colouration. Clay altered. Relict limonite after sparse disseminated py.
Specime	BJV004	5.2	6		FALT	Cy	C1	0.00	Ft	Ft	15	Major fault breccia. Cross cuts bedding at high angle. Rotated blocks in puggy matrix. Deeply weathered. Core loss, 2.1m.
Specime	BJV004	6	15	Lrbq	GWAC	Cy	A2	0.00	Bk	Bd	30	Well bedded qtz-mica-lithic greywacke and interbedded laminated siltstone. Deeply weathered and broken. Significant core loss.
Specime	BJV004	15	20.4	Lrbq	QZIT	Si	C2	0.00	Bk			Massive, intensely silicified quartzite. Pale cream, very hard. Broken core with significant core loss.
Specime	BJV004	20.4	28.2	Lrbq	SSLT	Si	A4	0.10	Bk	Bd	45	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark grey carbonaceous shaley interbeds. Moderately silicified, weakly weathered Sparse disseminated limonite ehudra after py.
Specime	BJV004	28.2	33	Lrbq	QZIT	Si	C2	0.20	Bk			Massive, intensely silicified quartzite. Pale cream, very hard. Broken core with significant core loss. Local zones of disseminated coarse py. Thin qtz-asy-py vein at 33m.
Specime	BJV004	33	48.2	Lrbq	SSLT	Si	A4	0.10	Bk	Bd	45	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark grey carbonaceous shaley interbeds. Moderately silicified. Sparse disseminated euhedral py. Minor 2-3cm qtz-asy-py veins 39.5-41m.
Specime	BJV004	48.2	54	Lrbq	QZIT	Si	A2	0.10	Bk			Massive, intensely silicified quartzite. Pale grey, very hard. Minor qtz microveins. Sparse coarse disseminated py.
Specime	BJV004	54	60.6	Lrbq	SSLT	SiCb	A4	0.10	Bk	Bd	45	Fine grained, pale grey micro laminated siltstone with interbedded dark grey carbonaceous shale. Moderately silicified. Sparse disseminated euhedral po and carb spotting. Minor 10cm qtz-asy-py vein 59m.
Specime	BJV004	60.6	66.8	Lrbq	SSLT	SiCb	A4	0.10	Bk	Bd	45	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark grey carbonaceous shaley interbeds. Moderately spotty carbonate alteration. Sparse disseminated limonite ehudra after py.
Specime	BJV004	66.8	74.1	Lrbq	QZIT	Si	A2	0.10	Bk			Massive, intensely silicified quartzite. Pale grey, very hard. Minor qtz microveins. Sparse coarse disseminated py. Minor 2-5cm qtz-asy-py-cassiterite veins 70.4 and 72.9m.

**Drill Log**

Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV004	74.1	81.2	Lrbq	GWAC	SiCb	A4	0.10	Bk	Bd	45	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark grey carbonaceous shaley interbeds. Moderately spotty carbonate alteration. Sparse disseminated limonite ehudra after py. Uphole facing.
Specime	BJV004	81.2	84.9	Lrbq	QZIT	Si	A2	0.10	Bk			Massive, intensely silicified quartzite. Pale grey, very hard. Minor qtz microveins. Sparse coarse disseminated py.
Specime	BJV004	84.9	89.1	Lrbq	GWAC	SiCb	A4	0.10	Bk	Bd	40	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark grey carbonaceous shaley interbeds. Moderately spotty carbonate alteration. Sparse disseminated euhedral po-py. Uphole facing.
Specime	BJV004	89.1	99.1	Lrbq	QZIT	Si	A2	0.10	Bk			Coarse qtz-asy-py-cassiterite vein at 89m. Massive, intensely silicified quartzite. Pale grey, very hard. Minor qtz microveins. Sparse coarse disseminated py. Numerous Coarse vughy qtz-py-asy veining with minor coarse cassiterite to 90.5m.
Specime	BJV004	99.1	112.4	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	30	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Uphole facing.
Specime	BJV004	112.4	119.4	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	30	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Uphole facing.
Specime	BJV004	119.4	119.5	Dg	IRFC	ToCb	C3	5.00		Bd	45	Increasing sparse vughy qtz-py-asy-cassiterite veins of 1-10cm. Pale cream, fine grained felsic dyke? Muscovite-carbonate altered, vughy with coarse cassiterite. Griesenised granitic intrusive? Tourmaline altered selvage.
Specime	BJV004	119.5	121.8	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	30	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py.
Specime	BJV004	121.8	122.1		VEIN	Si	W	5.00	Sp	Vn	70	White vughy qtz vein. Minor aspy-py-cassiterite (coarse). Muscovite bearing vein.
Specime	BJV004	122.1	129.4	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	30	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Moderately hornfelsed Sparse vughy qtz-py-asy-cassiterite veins of 1-10cm.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L. Cont.	Struct	BCA	Description
Specime	BJV004	129.4	131		VEIN	Py	Y	80.00	Sp	Vn		Massive, sulphide rich vein. Aspy-py-cpy with lesser qtz-carbonate and cassiterite. 0.8m core loss.
Specime	BJV004	131	143	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	50	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Moderately hornfelsed
Specime	BJV004	143	144		FALT	ToPy	G3	5.00	Sp	Ft	20	Sulphidic fault breccia. Rotated and annealed clasts of siltstone with stockwork Py veining.
Specime	BJV004	144	147.1	Lrbq	GWAC	CbTo	B2	0.20	Gr	Bd	50	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Moderately hornfelsed
Specime	BJV004	147.1	147.7		FALT	Li	B4	0.00	Sp	Ft	20	Oxidised fault breccia. Puggy.
Specime	BJV004	147.7	180.8	Lrbq	GWAC	CbTo	B2	0.20	Ft	Bd	40	Fine grained, laminated siltstone with fine qtz-lithic greywacke interbeds. Dark brown, patchy fine tourmaline alteration. Moderate carbonate spotting and bleaching. Sparse disseminated fine py. Moderately hornfelsed
Specime	BJV004	180.8	227.4	Lrbq	SSLT	SiCb	A2	0.10		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Patchy carbonate alteration. Very rare, thin qtz-asy-py-cassiterite veins to 3cm.
Specime	BJV004	227.4	228		FALT	Cy	A1	0.00		Ft	45	Broken, puggy brittle fault.
Specime	BJV004	228	231.3	Lrbq	SSLT	SiCb	A2	0.10		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Patchy carbonate alteration.
Specime	BJV004	231.3	232		FALT	Cy	A1	0.00		Ft	20	Broken, puggy brittle fault.
Specime	BJV004	232	246	Lrbq	SSLT	SiCh	A2	0.10		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate silica-chlorite alteration. Sparse, thin qtz-asy-py-cassiterite veins to 10cm.
Specime	BJV004	246	246.2		FALT	Cy	A1	0.00		Ft	20	Broken, puggy brittle fault.
Specime	BJV004	246.2	252.6	Lrbq	SSLT	SiCh	A2	0.20		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate silica-chlorite alteration. Sparse, thin qtz-asy-py-

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV004	252.6	263	Lrbq	SSLT	SiCh	A2	0.10		Bd	35	cassiterite veins to 10cm. Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate silica-chlorite alteration.
Specime	BJV004	263	286.2	Lrbq	SSLT	Si	A2	0.40		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate-silica-chlorite alteration. Sparse, thin qtz-asy-py-cassiterite veins to 10cm. 35cm vein at 280.1m.
Specime	BJV004	286.2	286.6		FALT	CbSi	A2	0.50		Ft		Fault breccia. Rotated clasts of siltstone in carbonate-quartz matrix. Minor py-asy.
Specime	BJV004	286.6	299	Lrbq	SSLT	Si	A2	0.40		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate-silica-chlorite alteration. Rare, thin qtz-asy-py-cassiterite veins to 3cm.
Specime	BJV004	299	303.7	Lrbq	SSLT	ChTo	B1	0.20		Bd	40	Pale grey/brown, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate-silica-chlorite-tourmaline alteration. Fractured and brecciated. Partially texture destructive alteration. Low angle-py-carbonate -qtz veins. Vughy texture.
Specime	BJV004	303.7	304.2		FALT	ChCb	A5	2.00		Ft	25	Low angle fault breccia. Chloritic selvedge. Qtz-carbonate-pyrite infill. Fine py microvein stockwork.
Specime	BJV004	304.2	333	Lrbq	SSLT	SiCh	A2	0.10		Bd	35	Pale grey, finely laminated siltstone. Contorted and disrupted bedding. Minor disseminated Po. Moderate silica-chlorite alteration.
Specime	BJV004	333	346	Lrbq	GWAC	SiCh	A2	0.40		Bd	35	Pale grey, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration. Sparse thin qtz-asy-py-carbonate veins.
Specime	BJV004	346	346.5		VEIN	SiCb	W	5.00		Vn	80	Massive, quartz-carbonate vein with coarse aspy-py-cpy and wolframite.
Specime	BJV004	346.5	363	Lrbq	GWAC	SiCh	A2	0.40		Bd	35	Pale grey, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration. Sparse thin qtz-asy-py-carbonate veins.
Specime	BJV004	363	375.9	Lrbq	GWAC	SiCh	A2	0.40		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L.Cont.	Struct	BCA	Description
Specime	BJV004	375.9	377	Lrbq	QZIT	Si	A2	0.10	Bk			with patchy fine pale brown tourmaline overprint. Massive, intensely silicified quartzite. Pale grey, very hard. Minor qtz microveins. Sparse coarse disseminated po.
Specime	BJV004	377	380		FALT	ChCb	A3	2.00	Vn	Ft	25	Low angle chloritic fault zone. Brecciated and annealed siltstone. Abundant Po veins and disseminations to 2%. Vugy py-asy vein at base 20cm.
Specime	BJV004	380	393	Lrbq	GWAC	SiCh	A2	0.40		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po.
Specime	BJV004	393	406	Lrbq	GWAC	SiCh	A2	1.00		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po. Sparse-thin, qtz-cb-asy-py-cassiterite-wolframite veins to 20cm. Most abundant between 402 and 406m.
Specime	BJV004	406	435	Lrbq	SSLT	SiCh	A2	0.20		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po. Very sparse qtz-asy-py-cb-wolframite veins.
Specime	BJV004	435	436		FALT	ChCb	A3	0.00	Vn	Ft	15	Low angle chloritic fault zone. Broken core.
Specime	BJV004	436	438.6	Lrbq	SSLT	SiCh	A2	0.20		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po.
Specime	BJV004	438.6	445	Lrbq	SSLT	SiCh	A2	0.60		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, texture destructive silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po. Minor qtz-py-asy-cb veining
Specime	BJV004	445	449	Lrbq	SSLT	SiCh	A2	0.20		Bd	35	Pale grey and brown, fine grained qtz-lithic greywacke with interbedded siltstone. Contorted and disrupted bedding. Pervasive, moderate silica-chlorite alteration with patchy fine pale brown tourmaline overprint. Minor disseminated Po.

Drill Log												
Project	BHID	From	To	Stratigraphy	Rock Type	Alteration	Colour	Visual S%	L. Cont.	Struct	BCA	Description
Specime	BJV004	449	454.7		FALT	SiTo	B2	0.20	Ft	Ft	45	Brecciated silicified and annealed quartz-lithic sandstone and siltstone with pervasive silica-tourmaline overprint. Minor thin contorted qtz-py veins. Fault Breccia.
Specime	BJV004	454.7	487.5	Lrbl	SHAL	SiCh	A1	0.20		Bd	10	Interbedded carbonaceous shale and silicified laminated siltstone. Finely bedded. Disrupted beds. Disseminated Py and py microveins.
Specime	BJV004	487.5	488		FALT	Ch	A1	0.10		Ft		Faulted and brecciated carbonaceous shale.
Specime	BJV004	488	499	Lrbl	SHAL	SiCh	A1	0.20		Bd	10	Interbedded carbonaceous shale and silicified laminated siltstone. Finely bedded. Disrupted beds. Disseminated Py and py microveins.
Specime	BJV004	499	501		FALT	Ch	A1	0.10		Ft		Faulted and brecciated carbonaceous shale. EOH

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	32	33	300	60								
Specimen	BJV004	33	34	100	110								
Specimen	BJV004	34	35	100	30								
Specimen	BJV004	35	36	100	40								
Specimen	BJV004	36	37	100	40								
Specimen	BJV004	37	38	100	30								
Specimen	BJV004	38	39	-100	40								
Specimen	BJV004	39	40	200	200								
Specimen	BJV004	40	41	-100	180								
Specimen	BJV004	59	60	300	1910								
Specimen	BJV004	60	61	200	60								
Specimen	BJV004	69	70	200	60								
Specimen	BJV004	70	71	-100	40								
Specimen	BJV004	71	72	100	50								
Specimen	BJV004	72	73	200	280								
Specimen	BJV004	78	79	100	1150								
Specimen	BJV004	79	80	200	100								
Specimen	BJV004	88	89	-100	2660								
Specimen	BJV004	89	90	-100	70								
Specimen	BJV004	90	91	1000	1290								
Specimen	BJV004	112	113	200	620								
Specimen	BJV004	113	114	500	60								
Specimen	BJV004	114	115	2300	120								
Specimen	BJV004	115	116	200	70								
Specimen	BJV004	116	117	100	130								
Specimen	BJV004	117	118	600	80								
Specimen	BJV004	118	119	100	30								
Specimen	BJV004	119	120	900	40								
Specimen	BJV004	120	121	100	60								
Specimen	BJV004	121	122.1	300	2240								
Specimen	BJV004	122.1	123	300	100								
Specimen	BJV004	123	124	100	70								

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	124	125	200	50								
Specimen	BJV004	125	126	200	50								
Specimen	BJV004	126	127	300	1590								
Specimen	BJV004	127	128	100	60								
Specimen	BJV004	128	129	500	110								
Specimen	BJV004	129	131	300	270								
Specimen	BJV004	131	132	200	220								
Specimen	BJV004	132	133	100	180								
Specimen	BJV004	133	134	200	30								
Specimen	BJV004	137	138	100	30								
Specimen	BJV004	138	139	100	450								
Specimen	BJV004	143	144	1400	150								
Specimen	BJV004	144	145	100	40								
Specimen	BJV004	145	146	-100	30								
Specimen	BJV004	146	147	100	40								
Specimen	BJV004	147	148	100	80								
Specimen	BJV004	148	149	100	40								
Specimen	BJV004	149	150	300	70								
Specimen	BJV004	150	151	100	30								
Specimen	BJV004	151	152	100	40								
Specimen	BJV004	152	153	600	90								
Specimen	BJV004	153	154	100	40								
Specimen	BJV004	154	155	100	40								
Specimen	BJV004	155	156	100	40								
Specimen	BJV004	156	157	100	20								
Specimen	BJV004	157	158	-100	30								
Specimen	BJV004	158	159	6200	1650								
Specimen	BJV004	159	160	100	60								
Specimen	BJV004	160	161	800	90								
Specimen	BJV004	191	192	100	400								
Specimen	BJV004	192	193	600	130								

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	193	194	100	100								
Specimen	BJV004	194	195	100	-10								
Specimen	BJV004	204	205	200	60								
Specimen	BJV004	205	206	100	20								
Specimen	BJV004	228	229	100	50								
Specimen	BJV004	237	238	200	490								
Specimen	BJV004	238	239	-100	30								
Specimen	BJV004	239	240	100	30								
Specimen	BJV004	240	241	200	50								
Specimen	BJV004	241	242	100	40								
Specimen	BJV004	242	243	100	20								
Specimen	BJV004	243	244	200	60								
Specimen	BJV004	244	245	600	60								
Specimen	BJV004	245	246	200	140								
Specimen	BJV004	246	247	2300	130								
Specimen	BJV004	247	248	200	580								
Specimen	BJV004	248	249	300	90								
Specimen	BJV004	249	250	-100	30								
Specimen	BJV004	250	251	100	20								
Specimen	BJV004	251	252	-100	30								
Specimen	BJV004	252	253	200	50								
Specimen	BJV004	253	254	100	30								
Specimen	BJV004	254	255	-100	20								
Specimen	BJV004	255	256	-100	30								
Specimen	BJV004	263	264	100	310								
Specimen	BJV004	267	268	100	30								
Specimen	BJV004	268	269	100	580								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	269	270	100	360								
Specimen	BJV004	270	271	-100	60								
Specimen	BJV004	271	272	100	30								
Specimen	BJV004	272	273	100	50								
Specimen	BJV004	273	274	200	40								
Specimen	BJV004	274	275	200	130								
Specimen	BJV004	275	276	100	50								
Specimen	BJV004	276	277	100	30								
Specimen	BJV004	277	278	100	400								
Specimen	BJV004	278	279	100	50								
Specimen	BJV004	279	280	100	800								
Specimen	BJV004	280	281	100	290								
Specimen	BJV004	281	282	200	360								
Specimen	BJV004	282	283	200	50								
Specimen	BJV004	283	284	200	480								
Specimen	BJV004	284	285	-100	30								
Specimen	BJV004	285	286	200	100								
Specimen	BJV004	286	287	300	3700								
Specimen	BJV004	287	288	200	290								
Specimen	BJV004	288	289	200	130								
Specimen	BJV004	289	290	100	40								
Specimen	BJV004	290	291	200	50								
Specimen	BJV004	291	292	200	70								
Specimen	BJV004	296	297	200	730								
Specimen	BJV004	297	298	100	30								
Specimen	BJV004	298	299	200	90								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	299	300	100	50								
Specimen	BJV004	300	301	200	110								
Specimen	BJV004	301	302	100	50								
Specimen	BJV004	302	303	200	60								
Specimen	BJV004	303	304	200	40								
Specimen	BJV004	304	305	200	70								
Specimen	BJV004	305	306	200	60								
Specimen	BJV004	306	307	300	60								
Specimen	BJV004	307	308	100	50								
Specimen	BJV004	308	309	100	40								
Specimen	BJV004	333	334	300	50								
Specimen	BJV004	339	340	200	80								
Specimen	BJV004	340	341	100	30								
Specimen	BJV004	341	342	200	70								
Specimen	BJV004	342	343	100	40								
Specimen	BJV004	343	344	100	40								
Specimen	BJV004	344	345	200	30								
Specimen	BJV004	345	346	600	90								
Specimen	BJV004	346	347	400	4140								
Specimen	BJV004	347	348	400	190								
Specimen	BJV004	348	349	300	80								
Specimen	BJV004	349	350	300	180								
Specimen	BJV004	357	358	400	140								
Specimen	BJV004	358	359	200	80								
Specimen	BJV004	359	360	-100	40								
Specimen	BJV004	360	361	200	50								
Specimen	BJV004	361	362	200	60								
Specimen	BJV004	374	375	200	80								
Specimen	BJV004	375	376	100	60								
Specimen	BJV004	376	377	300	40								
Specimen	BJV004	377	378	200	30								
Specimen	BJV004	378	379	300	70								

Assay Sheet													
Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	379	380	300	500								
Specimen	BJV004	380	381	200	110								
Specimen	BJV004	392	393	200	60								
Specimen	BJV004	393	394	200	30								
Specimen	BJV004	399	400	200	100								
Specimen	BJV004	400	401	200	120								
Specimen	BJV004	401	402	100	40								
Specimen	BJV004	402	403	900	8390								
Specimen	BJV004	403	404	600	30								
Specimen	BJV004	404	405	200	120								
Specimen	BJV004	405	406	200	300								
Specimen	BJV004	406	407	100	40								
Specimen	BJV004	407	408	100	20								
Specimen	BJV004	408	409	200	50								
Specimen	BJV004	409	410	100	110								
Specimen	BJV004	410	411	100	70								
Specimen	BJV004	411	412	200	1660								
Specimen	BJV004	412	413	100	40								
Specimen	BJV004	413	414	200	40								
Specimen	BJV004	414	415	100	20								
Specimen	BJV004	415	416	100	50								
Specimen	BJV004	416	417	200	190								
Specimen	BJV004	417	418	200	50								
Specimen	BJV004	418	419	300	100								
Specimen	BJV004	419	420	200	140								
Specimen	BJV004	424	425	200	300								
Specimen	BJV004	430	431	-100	80								

### Assay Sheet

Project	BHID	From m	To m	Sn	WO3	Cu ppm	Pb ppm	Zn ppm	Ag	Bi	Mo	As ppm	Rock
Specimen	BJV004	431	432	100	4290								
Specimen	BJV004	432	433	100	40								
Specimen	BJV004	433	434	300	40								
Specimen	BJV004	434	435	100	40								
Specimen	BJV004	435	436	100	60								
Specimen	BJV004	441	442	100	40								
Specimen	BJV004	442	443	700	70								
Specimen	BJV004	443	444	500	150								
Specimen	BJV004	444	445	400	70								
Specimen	BJV004	445	446	200	50								
Specimen	BJV004	446	447	100	50								
Specimen	BJV004	447	448	100	280								
Specimen	BJV004	448	449	100	100								
Specimen	BJV004	449	450	200	90								
Specimen	BJV004	450	451	100	40								
Specimen	BJV004	451	452	200	890								
Specimen	BJV004	452	453	200	60								
Specimen	BJV004	453	454	100	40								
Specimen	BJV004	454	455	100	400								
Specimen	BJV004	467	468	-100	50								
Specimen	BJV004	468	469	100	20								
Specimen	BJV004	477	478	-100	30								
Specimen	BJV004	487	488	100	230								
Specimen	BJV004	488	489	100	60								
Specimen	BJV004	489	490	100	60								
Specimen	BJV004	490	491	200	30								
Specimen	BJV004	491	492	100	30								

<b>Geotech Sheet</b>				
<b>Project</b>	<b>BHID</b>	<b>From</b>	<b>To</b>	<b>Recovery</b>
Specime	BJV004	0	3.8	2.9
Specime	BJV004	3.8	6.1	1.8
Specime	BJV004	6.1	8.2	0
Specime	BJV004	8.2	9.7	0.4
Specime	BJV004	9.7	11.2	1.5
Specime	BJV004	11.2	12.5	0.8
Specime	BJV004	12.5	14.2	1.1
Specime	BJV004	14.2	15	0
Specime	BJV004	15	15.4	0.4
Specime	BJV004	15.4	15.9	0.3
Specime	BJV004	15.9	16.6	0.7
Specime	BJV004	16.6	18.7	2.1
Specime	BJV004	18.7	20.2	1.5
Specime	BJV004	20.2	21	0.8
Specime	BJV004	21	23.2	2.2
Specime	BJV004	23.2	25.1	1.9
Specime	BJV004	25.1	26.2	1.1
Specime	BJV004	26.2	28.2	2
Specime	BJV004	28.2	29.2	1
Specime	BJV004	29.2	29.9	0.7
Specime	BJV004	29.9	31.5	1.6
Specime	BJV004	31.5	32.1	0.6
Specime	BJV004	32.1	34.7	2.6
Specime	BJV004	34.7	36	1.3
Specime	BJV004	36	38.2	2.2
Specime	BJV004	38.2	41.2	3
Specime	BJV004	41.2	44.2	3
Specime	BJV004	44.2	46	1.8
Specime	BJV004	46	47.2	1.2
Specime	BJV004	47.2	48.4	1.2
Specime	BJV004	48.4	50.2	1.8
Specime	BJV004	50.2	52	1.8
Specime	BJV004	52	56.2	4.2
Specime	BJV004	56.2	59.2	3
Specime	BJV004	59.2	62.2	3
Specime	BJV004	62.2	64.1	1.9
Specime	BJV004	64.1	65.2	1.1
Specime	BJV004	65.2	68.2	3
Specime	BJV004	68.2	71.2	3
Specime	BJV004	71.2	73.3	2.1
Specime	BJV004	73.3	76.5	3.2
Specime	BJV004	76.5	77.2	0.7
Specime	BJV004	77.2	80.2	3
Specime	BJV004	80.2	81.7	1.5
Specime	BJV004	81.7	83.7	2
Specime	BJV004	83.7	84.7	1
Specime	BJV004	84.7	85.7	1
Specime	BJV004	85.7	88.5	2.8

Specime	BJV004	88.5	89.2	0.7
Specime	BJV004	89.2	91.6	2.4
Specime	BJV004	91.6	92.2	0.6
Specime	BJV004	92.2	93.5	1.3
Specime	BJV004	93.5	94.5	1
Specime	BJV004	94.5	96.2	1.7
Specime	BJV004	96.2	97.5	1.3
Specime	BJV004	97.5	98.2	0.7
Specime	BJV004	98.2	100.1	1.9
Specime	BJV004	100.1	102.2	2.1
Specime	BJV004	102.2	104.2	2
Specime	BJV004	104.2	107	2.8
Specime	BJV004	107	109.7	2.7
Specime	BJV004	109.7	112.4	2.7
Specime	BJV004	112.4	113.2	0.8
Specime	BJV004	113.2	116.2	3
Specime	BJV004	116.2	119.2	3
Specime	BJV004	119.2	122.2	3
Specime	BJV004	122.2	125.2	3
Specime	BJV004	125.2	126.9	1.7
Specime	BJV004	126.9	128.2	1.3
Specime	BJV004	128.2	131	2
Specime	BJV004	131	133.2	2.2
Specime	BJV004	133.2	135.2	2
Specime	BJV004	135.2	137.7	2.5
Specime	BJV004	137.7	139.7	2
Specime	BJV004	139.7	142.7	3
Specime	BJV004	142.7	145.7	3
Specime	BJV004	145.7	147.1	1.4
Specime	BJV004	147.1	149.2	1.9
Specime	BJV004	149.2	150.9	1.7
Specime	BJV004	150.9	151.5	0.6
Specime	BJV004	151.5	154.5	3
Specime	BJV004	154.5	157.6	3.1
Specime	BJV004	157.6	160.4	2.8
Specime	BJV004	160.4	161.2	0.8
Specime	BJV004	161.2	163.5	2.3
Specime	BJV004	163.5	166.6	3.1
Specime	BJV004	166.6	169.7	3.1
Specime	BJV004	169.7	172.8	3.1
Specime	BJV004	172.8	173.7	0.9
Specime	BJV004	173.7	176.3	2.6
Specime	BJV004	176.3	179.2	2.9
Specime	BJV004	179.2	182.2	3
Specime	BJV004	182.2	185.2	3
Specime	BJV004	185.2	187.5	2.3
Specime	BJV004	187.5	190.6	3.1
Specime	BJV004	190.6	193.7	3.1
Specime	BJV004	193.7	196.8	3.1
Specime	BJV004	196.8	199.1	2.3

Specime	BJV004	199.1	203	3.9
Specime	BJV004	203	206.1	3.1
Specime	BJV004	206.1	209	2.9
Specime	BJV004	209	212	3
Specime	BJV004	212	214.4	2.4
Specime	BJV004	214.4	215.2	0.8
Specime	BJV004	215.2	218.2	3
Specime	BJV004	218.2	221.2	3
Specime	BJV004	221.2	224.2	3
Specime	BJV004	224.2	227.2	3
Specime	BJV004	227.2	228.1	0.9
Specime	BJV004	228.1	230.2	2.1
Specime	BJV004	230.2	233.2	3
Specime	BJV004	233.2	236.2	3
Specime	BJV004	236.2	239.2	3
Specime	BJV004	239.2	242.2	3
Specime	BJV004	242.2	245.2	3
Specime	BJV004	245.2	247.9	2.5
Specime	BJV004	247.9	251	3.1
Specime	BJV004	251	254	3
Specime	BJV004	254	256.7	2.7
Specime	BJV004	256.7	259.8	3.1
Specime	BJV004	259.8	262.9	3.1
Specime	BJV004	262.9	265.9	3
Specime	BJV004	265.9	269	3.1
Specime	BJV004	269	271.3	2.3
Specime	BJV004	271.3	272.2	0.9
Specime	BJV004	272.2	275.2	3
Specime	BJV004	275.2	278.2	3
Specime	BJV004	278.2	281.2	3
Specime	BJV004	281.2	285.5	4.3
Specime	BJV004	285.5	286.7	1.2
Specime	BJV004	286.7	287.2	0.5
Specime	BJV004	287.2	289	1.8
Specime	BJV004	289	291	2
Specime	BJV004	291	293.2	2.2
Specime	BJV004	293.2	296.2	3
Specime	BJV004	296.2	297.8	1.6
Specime	BJV004	297.8	299.2	1.4
Specime	BJV004	299.2	302.2	3
Specime	BJV004	302.2	305.2	3
Specime	BJV004	305.2	308.2	3
Specime	BJV004	308.2	311.2	3
Specime	BJV004	311.2	313.7	2.5
Specime	BJV004	313.7	316.6	2.9
Specime	BJV004	316.6	319.7	3.1
Specime	BJV004	319.7	322.8	3.1
Specime	BJV004	322.8	325.9	3.1
Specime	BJV004	325.9	328.1	2.2
Specime	BJV004	328.1	329.2	1.1

Specime	BJV004	329.2	331.6	2.4
Specime	BJV004	331.6	334.7	3.1
Specime	BJV004	334.7	337.8	3.1
Specime	BJV004	337.8	340.9	3.1
Specime	BJV004	340.9	343	2.1
Specime	BJV004	343	345.3	2.3
Specime	BJV004	345.3	347.1	1.8
Specime	BJV004	347.1	350.1	3
Specime	BJV004	350.1	350.8	0.7
Specime	BJV004	350.8	353.2	2.4
Specime	BJV004	353.2	355.8	2.6
Specime	BJV004	355.8	357.7	1.9
Specime	BJV004	357.7	359.2	1.5
Specime	BJV004	359.2	361.8	2.6
Specime	BJV004	361.8	362.1	0.3
Specime	BJV004	362.1	365.2	3.1
Specime	BJV004	365.2	368.2	3
Specime	BJV004	368.2	371.2	3
Specime	BJV004	371.2	374.2	3
Specime	BJV004	374.2	377.2	3
Specime	BJV004	377.2	380.2	3
Specime	BJV004	380.2	383.2	3
Specime	BJV004	383.2	386.2	3
Specime	BJV004	386.2	389.2	3
Specime	BJV004	389.2	392.2	3
Specime	BJV004	392.2	394.9	2.7
Specime	BJV004	394.9	398	3.1
Specime	BJV004	398	401.1	3.1
Specime	BJV004	401.1	404.2	3.1
Specime	BJV004	404.2	407.2	3
Specime	BJV004	407.2	410.2	3
Specime	BJV004	410.2	413.2	3
Specime	BJV004	413.2	416.2	3
Specime	BJV004	416.2	419.2	3
Specime	BJV004	419.2	422.2	3
Specime	BJV004	422.2	425.2	3
Specime	BJV004	425.2	426.3	1.1
Specime	BJV004	426.3	426.9	0.6
Specime	BJV004	426.9	428.2	1.3
Specime	BJV004	428.2	428.9	0.7
Specime	BJV004	428.9	431.2	2.1
Specime	BJV004	431.2	434.1	2.9
Specime	BJV004	434.1	434.5	0.4
Specime	BJV004	434.5	436.9	2.4
Specime	BJV004	436.9	438.6	1.7
Specime	BJV004	438.6	440.2	1.6
Specime	BJV004	440.2	441.9	1.7
Specime	BJV004	441.9	445.1	3.2
Specime	BJV004	445.1	446.2	1.1
Specime	BJV004	446.2	449	2.8

Specime	BJV004	449	450.4	1.4
Specime	BJV004	450.4	452.4	2
Specime	BJV004	452.4	453.1	0.7
Specime	BJV004	453.1	454.6	1.5
Specime	BJV004	454.6	454.9	0.3
Specime	BJV004	454.9	456.1	1.2
Specime	BJV004	456.1	456.8	0.7
Specime	BJV004	456.8	458.2	1.4
Specime	BJV004	458.2	458.5	0.3
Specime	BJV004	458.5	460	1.5
Specime	BJV004	460	461.2	1.2
Specime	BJV004	461.2	462.2	1
Specime	BJV004	462.2	462.7	0.5
Specime	BJV004	462.7	464.2	1.5
Specime	BJV004	464.2	465.3	1.1
Specime	BJV004	465.3	467.2	1.9
Specime	BJV004	467.2	470.2	3
Specime	BJV004	470.2	472.7	2.5
Specime	BJV004	472.7	473.2	0.5
Specime	BJV004	473.2	476.2	3
Specime	BJV004	476.2	477.2	1
Specime	BJV004	477.2	479.2	2
Specime	BJV004	479.2	480.6	1.3
Specime	BJV004	480.6	482	1.4
Specime	BJV004	482	483.1	1.1
Specime	BJV004	483.1	487.8	4.7
Specime	BJV004	487.8	490	2.2
Specime	BJV004	490	491.2	1.2
Specime	BJV004	491.2	494.2	3
Specime	BJV004	494.2	497.2	3
Specime	BJV004	497.2	499.2	2
Specime	BJV004	499.2	500.1	0.8
Specime	BJV004	500.1	501	0.7

<b>Magnet Susceptibility</b>					
<b>Project</b>	<b>BHID</b>	<b>From</b>	<b>To</b>	<b>Mag_sus</b>	<b>units</b>
Specimen_BJV004		1.0	2.0	0.023 x 10 <sup>-3</sup>	
Specimen_BJV004		2.0	3.0	0.024 x 10 <sup>-3</sup>	
Specimen_BJV004		3.0	4.0	0.026 x 10 <sup>-3</sup>	
Specimen_BJV004		4.0	5.0	0.039 x 10 <sup>-3</sup>	
Specimen_BJV004		5.0	6.0	0.29 x 10 <sup>-3</sup>	
Specimen_BJV004		6.0	7.0	0.03 x 10 <sup>-3</sup>	
Specimen_BJV004		7.0	8.0	x 10 <sup>-3</sup>	
Specimen_BJV004		8.0	9.0	x 10 <sup>-3</sup>	
Specimen_BJV004		9.0	10.0	0.03 x 10 <sup>-3</sup>	
Specimen_BJV004		10.0	11.0	0.039 x 10 <sup>-3</sup>	
Specimen_BJV004		11.0	12.0	0.076 x 10 <sup>-3</sup>	
Specimen_BJV004		12.0	13.0	0.039 x 10 <sup>-3</sup>	
Specimen_BJV004		13.0	14.0	0.07 x 10 <sup>-3</sup>	
Specimen_BJV004		14.0	15.0	0.001 x 10 <sup>-3</sup>	
Specimen_BJV004		15.0	16.0	0.006 x 10 <sup>-3</sup>	
Specimen_BJV004		16.0	17.0	0.005 x 10 <sup>-3</sup>	
Specimen_BJV004		17.0	18.0	0.027 x 10 <sup>-3</sup>	
Specimen_BJV004		18.0	19.0	0.009 x 10 <sup>-3</sup>	
Specimen_BJV004		19.0	20.0	0.007 x 10 <sup>-3</sup>	
Specimen_BJV004		20.0	21.0	0.003 x 10 <sup>-3</sup>	
Specimen_BJV004		21.0	22.0	0.041 x 10 <sup>-3</sup>	
Specimen_BJV004		22.0	23.0	0.065 x 10 <sup>-3</sup>	
Specimen_BJV004		23.0	24.0	0.043 x 10 <sup>-3</sup>	
Specimen_BJV004		24.0	25.0	0.028 x 10 <sup>-3</sup>	
Specimen_BJV004		25.0	26.0	0.065 x 10 <sup>-3</sup>	
Specimen_BJV004		26.0	27.0	0.136 x 10 <sup>-3</sup>	
Specimen_BJV004		27.0	28.0	0.15 x 10 <sup>-3</sup>	
Specimen_BJV004		28.0	29.0	0.085 x 10 <sup>-3</sup>	
Specimen_BJV004		29.0	30.0	0.009 x 10 <sup>-3</sup>	
Specimen_BJV004		30.0	31.0	0.086 x 10 <sup>-3</sup>	
Specimen_BJV004		31.0	32.0	0.002 x 10 <sup>-3</sup>	
Specimen_BJV004		32.0	33.0	0.013 x 10 <sup>-3</sup>	
Specimen_BJV004		33.0	34.0	0.037 x 10 <sup>-3</sup>	
Specimen_BJV004		34.0	35.0	0.071 x 10 <sup>-3</sup>	
Specimen_BJV004		35.0	36.0	0.089 x 10 <sup>-3</sup>	
Specimen_BJV004		36.0	37.0	0.112 x 10 <sup>-3</sup>	
Specimen_BJV004		37.0	38.0	0.222 x 10 <sup>-3</sup>	
Specimen_BJV004		38.0	39.0	0.166 x 10 <sup>-3</sup>	
Specimen_BJV004		39.0	40.0	0.141 x 10 <sup>-3</sup>	
Specimen_BJV004		40.0	41.0	0.273 x 10 <sup>-3</sup>	
Specimen_BJV004		41.0	42.0	0.108 x 10 <sup>-3</sup>	
Specimen_BJV004		42.0	43.0	0.135 x 10 <sup>-3</sup>	
Specimen_BJV004		43.0	44.0	0.123 x 10 <sup>-3</sup>	
Specimen_BJV004		44.0	45.0	0.09 x 10 <sup>-3</sup>	
Specimen_BJV004		45.0	46.0	0.163 x 10 <sup>-3</sup>	
Specimen_BJV004		46.0	47.0	0.241 x 10 <sup>-3</sup>	
Specimen_BJV004		47.0	48.0	0.131 x 10 <sup>-3</sup>	
Specimen_BJV004		48.0	49.0	0.013 x 10 <sup>-3</sup>	

Specimen_BJV004	49.0	50.0	0.19 x 10 <sup>-3</sup>
Specimen_BJV004	50.0	51.0	0.012 x 10 <sup>-3</sup>
Specimen_BJV004	51.0	52.0	0.207 x 10 <sup>-3</sup>
Specimen_BJV004	52.0	53.0	0.112 x 10 <sup>-3</sup>
Specimen_BJV004	53.0	54.0	0.014 x 10 <sup>-3</sup>
Specimen_BJV004	54.0	55.0	0.474 x 10 <sup>-3</sup>
Specimen_BJV004	55.0	56.0	0.211 x 10 <sup>-3</sup>
Specimen_BJV004	56.0	57.0	0.232 x 10 <sup>-3</sup>
Specimen_BJV004	57.0	58.0	0.791 x 10 <sup>-3</sup>
Specimen_BJV004	58.0	59.0	0.749 x 10 <sup>-3</sup>
Specimen_BJV004	59.0	60.0	0.189 x 10 <sup>-3</sup>
Specimen_BJV004	60.0	61.0	0.187 x 10 <sup>-3</sup>
Specimen_BJV004	61.0	62.0	0.253 x 10 <sup>-3</sup>
Specimen_BJV004	62.0	63.0	0.072 x 10 <sup>-3</sup>
Specimen_BJV004	63.0	64.0	0.338 x 10 <sup>-3</sup>
Specimen_BJV004	64.0	65.0	0.136 x 10 <sup>-3</sup>
Specimen_BJV004	65.0	66.0	0.122 x 10 <sup>-3</sup>
Specimen_BJV004	66.0	67.0	0.43 x 10 <sup>-3</sup>
Specimen_BJV004	67.0	68.0	0.373 x 10 <sup>-3</sup>
Specimen_BJV004	68.0	69.0	0.06 x 10 <sup>-3</sup>
Specimen_BJV004	69.0	70.0	0.27 x 10 <sup>-3</sup>
Specimen_BJV004	70.0	71.0	0.083 x 10 <sup>-3</sup>
Specimen_BJV004	71.0	72.0	0.212 x 10 <sup>-3</sup>
Specimen_BJV004	72.0	73.0	0.588 x 10 <sup>-3</sup>
Specimen_BJV004	73.0	74.0	0.723 x 10 <sup>-3</sup>
Specimen_BJV004	74.0	75.0	0.145 x 10 <sup>-3</sup>
Specimen_BJV004	75.0	76.0	0.588 x 10 <sup>-3</sup>
Specimen_BJV004	76.0	77.0	0.149 x 10 <sup>-3</sup>
Specimen_BJV004	77.0	78.0	0.505 x 10 <sup>-3</sup>
Specimen_BJV004	78.0	79.0	0.164 x 10 <sup>-3</sup>
Specimen_BJV004	79.0	80.0	0.768 x 10 <sup>-3</sup>
Specimen_BJV004	80.0	81.0	0.214 x 10 <sup>-3</sup>
Specimen_BJV004	81.0	82.0	0.429 x 10 <sup>-3</sup>
Specimen_BJV004	82.0	83.0	1.266 x 10 <sup>-3</sup>
Specimen_BJV004	83.0	84.0	0.214 x 10 <sup>-3</sup>
Specimen_BJV004	84.0	85.0	2.568 x 10 <sup>-3</sup>
Specimen_BJV004	85.0	86.0	0.722 x 10 <sup>-3</sup>
Specimen_BJV004	86.0	87.0	0.161 x 10 <sup>-3</sup>
Specimen_BJV004	87.0	88.0	0.774 x 10 <sup>-3</sup>
Specimen_BJV004	88.0	89.0	0.611 x 10 <sup>-3</sup>
Specimen_BJV004	89.0	90.0	0.026 x 10 <sup>-3</sup>
Specimen_BJV004	90.0	91.0	0.081 x 10 <sup>-3</sup>
Specimen_BJV004	91.0	92.0	0.082 x 10 <sup>-3</sup>
Specimen_BJV004	92.0	93.0	0.057 x 10 <sup>-3</sup>
Specimen_BJV004	93.0	94.0	0.419 x 10 <sup>-3</sup>
Specimen_BJV004	94.0	95.0	0.271 x 10 <sup>-3</sup>
Specimen_BJV004	95.0	96.0	0.455 x 10 <sup>-3</sup>
Specimen_BJV004	96.0	97.0	0.535 x 10 <sup>-3</sup>
Specimen_BJV004	97.0	98.0	0.621 x 10 <sup>-3</sup>
Specimen_BJV004	98.0	99.0	0.617 x 10 <sup>-3</sup>

Specimen_BJV004	149.0	150.0	0.221 x 10 <sup>-3</sup>
Specimen_BJV004	150.0	151.0	0.458 x 10 <sup>-3</sup>
Specimen_BJV004	151.0	152.0	0.41 x 10 <sup>-3</sup>
Specimen_BJV004	152.0	153.0	0.296 x 10 <sup>-3</sup>
Specimen_BJV004	153.0	154.0	3.867 x 10 <sup>-3</sup>
Specimen_BJV004	154.0	155.0	0.792 x 10 <sup>-3</sup>
Specimen_BJV004	155.0	156.0	1.741 x 10 <sup>-3</sup>
Specimen_BJV004	156.0	157.0	0.834 x 10 <sup>-3</sup>
Specimen_BJV004	157.0	158.0	0.71 x 10 <sup>-3</sup>
Specimen_BJV004	158.0	159.0	1.392 x 10 <sup>-3</sup>
Specimen_BJV004	159.0	160.0	0.434 x 10 <sup>-3</sup>
Specimen_BJV004	160.0	161.0	0.304 x 10 <sup>-3</sup>
Specimen_BJV004	161.0	162.0	0.228 x 10 <sup>-3</sup>
Specimen_BJV004	162.0	163.0	0.567 x 10 <sup>-3</sup>
Specimen_BJV004	163.0	164.0	0.243 x 10 <sup>-3</sup>
Specimen_BJV004	164.0	165.0	0.174 x 10 <sup>-3</sup>
Specimen_BJV004	165.0	166.0	0.173 x 10 <sup>-3</sup>
Specimen_BJV004	166.0	167.0	0.205 x 10 <sup>-3</sup>
Specimen_BJV004	167.0	168.0	0.692 x 10 <sup>-3</sup>
Specimen_BJV004	168.0	169.0	0.995 x 10 <sup>-3</sup>
Specimen_BJV004	169.0	170.0	0.523 x 10 <sup>-3</sup>
Specimen_BJV004	170.0	171.0	0.701 x 10 <sup>-3</sup>
Specimen_BJV004	171.0	172.0	0.265 x 10 <sup>-3</sup>
Specimen_BJV004	172.0	173.0	0.566 x 10 <sup>-3</sup>
Specimen_BJV004	173.0	174.0	0.381 x 10 <sup>-3</sup>
Specimen_BJV004	174.0	175.0	0.303 x 10 <sup>-3</sup>
Specimen_BJV004	175.0	176.0	0.649 x 10 <sup>-3</sup>
Specimen_BJV004	176.0	177.0	0.259 x 10 <sup>-3</sup>
Specimen_BJV004	177.0	178.0	0.393 x 10 <sup>-3</sup>
Specimen_BJV004	178.0	179.0	0.245 x 10 <sup>-3</sup>
Specimen_BJV004	179.0	180.0	0.199 x 10 <sup>-3</sup>
Specimen_BJV004	180.0	181.0	1.152 x 10 <sup>-3</sup>
Specimen_BJV004	181.0	182.0	0.264 x 10 <sup>-3</sup>
Specimen_BJV004	182.0	183.0	1.568 x 10 <sup>-3</sup>
Specimen_BJV004	183.0	184.0	1.784 x 10 <sup>-3</sup>
Specimen_BJV004	184.0	185.0	1.305 x 10 <sup>-3</sup>
Specimen_BJV004	185.0	186.0	1.875 x 10 <sup>-3</sup>
Specimen_BJV004	186.0	187.0	.9.959 x 10 <sup>-3</sup>
Specimen_BJV004	187.0	188.0	0.285 x 10 <sup>-3</sup>
Specimen_BJV004	188.0	189.0	0.386 x 10 <sup>-3</sup>
Specimen_BJV004	189.0	190.0	0.633 x 10 <sup>-3</sup>
Specimen_BJV004	190.0	191.0	0.804 x 10 <sup>-3</sup>
Specimen_BJV004	191.0	192.0	1.59 x 10 <sup>-3</sup>
Specimen_BJV004	192.0	193.0	1.027 x 10 <sup>-3</sup>
Specimen_BJV004	193.0	194.0	1.541 x 10 <sup>-3</sup>
Specimen_BJV004	194.0	195.0	0.979 x 10 <sup>-3</sup>
Specimen_BJV004	195.0	196.0	0.711 x 10 <sup>-3</sup>
Specimen_BJV004	196.0	197.0	0.321 x 10 <sup>-3</sup>
Specimen_BJV004	197.0	198.0	0.621 x 10 <sup>-3</sup>
Specimen_BJV004	198.0	199.0	1.011 x 10 <sup>-3</sup>

Specimen_BJV004	199.0	200.0	1.345 x 10 <sup>-3</sup>
Specimen_BJV004	200.0	201.0	0.623 x 10 <sup>-3</sup>
Specimen_BJV004	201.0	202.0	0.656 x 10 <sup>-3</sup>
Specimen_BJV004	202.0	203.0	0.32 x 10 <sup>-3</sup>
Specimen_BJV004	203.0	204.0	0.185 x 10 <sup>-3</sup>
Specimen_BJV004	204.0	205.0	0.416 x 10 <sup>-3</sup>
Specimen_BJV004	205.0	206.0	0.088 x 10 <sup>-3</sup>
Specimen_BJV004	206.0	207.0	0.242 x 10 <sup>-3</sup>
Specimen_BJV004	207.0	208.0	0.322 x 10 <sup>-3</sup>
Specimen_BJV004	208.0	209.0	0.121 x 10 <sup>-3</sup>
Specimen_BJV004	209.0	210.0	0.553 x 10 <sup>-3</sup>
Specimen_BJV004	210.0	211.0	0.601 x 10 <sup>-3</sup>
Specimen_BJV004	211.0	212.0	0.158 x 10 <sup>-3</sup>
Specimen_BJV004	212.0	213.0	0.312 x 10 <sup>-3</sup>
Specimen_BJV004	213.0	214.0	0.134 x 10 <sup>-3</sup>
Specimen_BJV004	214.0	215.0	0.545 x 10 <sup>-3</sup>
Specimen_BJV004	215.0	216.0	0.371 x 10 <sup>-3</sup>
Specimen_BJV004	216.0	217.0	0.244 x 10 <sup>-3</sup>
Specimen_BJV004	217.0	218.0	1.063 x 10 <sup>-3</sup>
Specimen_BJV004	218.0	219.0	0.92 x 10 <sup>-3</sup>
Specimen_BJV004	219.0	220.0	0.536 x 10 <sup>-3</sup>
Specimen_BJV004	220.0	221.0	0.37 x 10 <sup>-3</sup>
Specimen_BJV004	221.0	222.0	0.411 x 10 <sup>-3</sup>
Specimen_BJV004	222.0	223.0	0.186 x 10 <sup>-3</sup>
Specimen_BJV004	223.0	224.0	0.107 x 10 <sup>-3</sup>
Specimen_BJV004	224.0	225.0	0.683 x 10 <sup>-3</sup>
Specimen_BJV004	225.0	226.0	0.239 x 10 <sup>-3</sup>
Specimen_BJV004	226.0	227.0	0.076 x 10 <sup>-3</sup>
Specimen_BJV004	227.0	228.0	0.126 x 10 <sup>-3</sup>
Specimen_BJV004	228.0	229.0	0.531 x 10 <sup>-3</sup>
Specimen_BJV004	229.0	230.0	0.551 x 10 <sup>-3</sup>
Specimen_BJV004	230.0	231.0	0.184 x 10 <sup>-3</sup>
Specimen_BJV004	231.0	232.0	0.215 x 10 <sup>-3</sup>
Specimen_BJV004	232.0	233.0	0.124 x 10 <sup>-3</sup>
Specimen_BJV004	233.0	234.0	0.428 x 10 <sup>-3</sup>
Specimen_BJV004	234.0	235.0	0.13 x 10 <sup>-3</sup>
Specimen_BJV004	235.0	236.0	0.845 x 10 <sup>-3</sup>
Specimen_BJV004	236.0	237.0	0.599 x 10 <sup>-3</sup>
Specimen_BJV004	237.0	238.0	1.195 x 10 <sup>-3</sup>
Specimen_BJV004	238.0	239.0	1.286 x 10 <sup>-3</sup>
Specimen_BJV004	239.0	240.0	1.694 x 10 <sup>-3</sup>
Specimen_BJV004	240.0	241.0	1.147 x 10 <sup>-3</sup>
Specimen_BJV004	241.0	242.0	0.258 x 10 <sup>-3</sup>
Specimen_BJV004	242.0	243.0	1.125 x 10 <sup>-3</sup>
Specimen_BJV004	243.0	244.0	1.826 x 10 <sup>-3</sup>
Specimen_BJV004	244.0	245.0	0.302 x 10 <sup>-3</sup>
Specimen_BJV004	245.0	246.0	0.641 x 10 <sup>-3</sup>
Specimen_BJV004	246.0	247.0	0.457 x 10 <sup>-3</sup>
Specimen_BJV004	247.0	248.0	0.106 x 10 <sup>-3</sup>
Specimen_BJV004	248.0	249.0	0.249 x 10 <sup>-3</sup>

Specimen_BJV004	249.0	250.0	1.093 x 10 <sup>-3</sup>
Specimen_BJV004	250.0	251.0	0.343 x 10 <sup>-3</sup>
Specimen_BJV004	251.0	252.0	2.038 x 10 <sup>-3</sup>
Specimen_BJV004	252.0	253.0	4.179 x 10 <sup>-3</sup>
Specimen_BJV004	253.0	254.0	0.806 x 10 <sup>-3</sup>
Specimen_BJV004	254.0	255.0	5.516 x 10 <sup>-3</sup>
Specimen_BJV004	255.0	256.0	1.731 x 10 <sup>-3</sup>
Specimen_BJV004	256.0	257.0	0.359 x 10 <sup>-3</sup>
Specimen_BJV004	257.0	258.0	0.742 x 10 <sup>-3</sup>
Specimen_BJV004	258.0	259.0	0.126 x 10 <sup>-3</sup>
Specimen_BJV004	259.0	260.0	3.394 x 10 <sup>-3</sup>
Specimen_BJV004	260.0	261.0	1.807 x 10 <sup>-3</sup>
Specimen_BJV004	261.0	262.0	0.942 x 10 <sup>-3</sup>
Specimen_BJV004	262.0	263.0	1.626 x 10 <sup>-3</sup>
Specimen_BJV004	263.0	264.0	1.145 x 10 <sup>-3</sup>
Specimen_BJV004	264.0	265.0	0.419 x 10 <sup>-3</sup>
Specimen_BJV004	265.0	266.0	0.711 x 10 <sup>-3</sup>
Specimen_BJV004	266.0	267.0	1.63 x 10 <sup>-3</sup>
Specimen_BJV004	267.0	268.0	0.897 x 10 <sup>-3</sup>
Specimen_BJV004	268.0	269.0	1.899 x 10 <sup>-3</sup>
Specimen_BJV004	269.0	270.0	1.456 x 10 <sup>-3</sup>
Specimen_BJV004	270.0	271.0	0.794 x 10 <sup>-3</sup>
Specimen_BJV004	271.0	272.0	0.297 x 10 <sup>-3</sup>
Specimen_BJV004	272.0	273.0	0.548 x 10 <sup>-3</sup>
Specimen_BJV004	273.0	274.0	0.519 x 10 <sup>-3</sup>
Specimen_BJV004	274.0	275.0	2.256 x 10 <sup>-3</sup>
Specimen_BJV004	275.0	276.0	4.357 x 10 <sup>-3</sup>
Specimen_BJV004	276.0	277.0	0.595 x 10 <sup>-3</sup>
Specimen_BJV004	277.0	278.0	1.654 x 10 <sup>-3</sup>
Specimen_BJV004	278.0	279.0	0.456 x 10 <sup>-3</sup>
Specimen_BJV004	279.0	280.0	1.705 x 10 <sup>-3</sup>
Specimen_BJV004	280.0	281.0	3.742 x 10 <sup>-3</sup>
Specimen_BJV004	281.0	282.0	0.666 x 10 <sup>-3</sup>
Specimen_BJV004	282.0	283.0	0.543 x 10 <sup>-3</sup>
Specimen_BJV004	283.0	284.0	3.147 x 10 <sup>-3</sup>
Specimen_BJV004	284.0	285.0	0.119 x 10 <sup>-3</sup>
Specimen_BJV004	285.0	286.0	1.05 x 10 <sup>-3</sup>
Specimen_BJV004	286.0	287.0	1.897 x 10 <sup>-3</sup>
Specimen_BJV004	287.0	288.0	0.331 x 10 <sup>-3</sup>
Specimen_BJV004	288.0	289.0	5.973 x 10 <sup>-3</sup>
Specimen_BJV004	289.0	290.0	0.843 x 10 <sup>-3</sup>
Specimen_BJV004	290.0	291.0	1.102 x 10 <sup>-3</sup>
Specimen_BJV004	291.0	292.0	34.66 x 10 <sup>-3</sup>
Specimen_BJV004	292.0	293.0	0.193 x 10 <sup>-3</sup>
Specimen_BJV004	293.0	294.0	0.546 x 10 <sup>-3</sup>
Specimen_BJV004	294.0	295.0	0.567 x 10 <sup>-3</sup>
Specimen_BJV004	295.0	296.0	0.092 x 10 <sup>-3</sup>
Specimen_BJV004	296.0	297.0	0.932 x 10 <sup>-3</sup>
Specimen_BJV004	297.0	298.0	1.117 x 10 <sup>-3</sup>
Specimen_BJV004	298.0	299.0	0.273 x 10 <sup>-3</sup>

Specimen_BJV004	299.0	300.0	0.277 x 10 <sup>-3</sup>
Specimen_BJV004	300.0	301.0	0.559 x 10 <sup>-3</sup>
Specimen_BJV004	301.0	302.0	1.197 x 10 <sup>-3</sup>
Specimen_BJV004	302.0	303.0	0.687 x 10 <sup>-3</sup>
Specimen_BJV004	303.0	304.0	1.662 x 10 <sup>-3</sup>
Specimen_BJV004	304.0	305.0	5.232 x 10 <sup>-3</sup>
Specimen_BJV004	305.0	306.0	1.466 x 10 <sup>-3</sup>
Specimen_BJV004	306.0	307.0	1.023 x 10 <sup>-3</sup>
Specimen_BJV004	307.0	308.0	0.401 x 10 <sup>-3</sup>
Specimen_BJV004	308.0	309.0	0.278 x 10 <sup>-3</sup>
Specimen_BJV004	309.0	310.0	0.402 x 10 <sup>-3</sup>
Specimen_BJV004	310.0	311.0	0.106 x 10 <sup>-3</sup>
Specimen_BJV004	311.0	312.0	0.266 x 10 <sup>-3</sup>
Specimen_BJV004	312.0	313.0	0.309 x 10 <sup>-3</sup>
Specimen_BJV004	313.0	314.0	0.362 x 10 <sup>-3</sup>
Specimen_BJV004	314.0	315.0	0.216 x 10 <sup>-3</sup>
Specimen_BJV004	315.0	316.0	0.415 x 10 <sup>-3</sup>
Specimen_BJV004	316.0	317.0	0.127 x 10 <sup>-3</sup>
Specimen_BJV004	317.0	318.0	0.198 x 10 <sup>-3</sup>
Specimen_BJV004	318.0	319.0	0.174 x 10 <sup>-3</sup>
Specimen_BJV004	319.0	320.0	0.159 x 10 <sup>-3</sup>
Specimen_BJV004	320.0	321.0	0.751 x 10 <sup>-3</sup>
Specimen_BJV004	321.0	322.0	0.09 x 10 <sup>-3</sup>
Specimen_BJV004	322.0	323.0	0.299 x 10 <sup>-3</sup>
Specimen_BJV004	323.0	324.0	0.504 x 10 <sup>-3</sup>
Specimen_BJV004	324.0	325.0	0.282 x 10 <sup>-3</sup>
Specimen_BJV004	325.0	326.0	0.816 x 10 <sup>-3</sup>
Specimen_BJV004	326.0	327.0	0.161 x 10 <sup>-3</sup>
Specimen_BJV004	327.0	328.0	1.198 x 10 <sup>-3</sup>
Specimen_BJV004	328.0	329.0	0.787 x 10 <sup>-3</sup>
Specimen_BJV004	329.0	330.0	0.67 x 10 <sup>-3</sup>
Specimen_BJV004	330.0	331.0	0.608 x 10 <sup>-3</sup>
Specimen_BJV004	331.0	332.0	1.227 x 10 <sup>-3</sup>
Specimen_BJV004	332.0	333.0	0.343 x 10 <sup>-3</sup>
Specimen_BJV004	333.0	334.0	2.169 x 10 <sup>-3</sup>
Specimen_BJV004	334.0	335.0	1.52 x 10 <sup>-3</sup>
Specimen_BJV004	335.0	336.0	0.424 x 10 <sup>-3</sup>
Specimen_BJV004	336.0	337.0	0.316 x 10 <sup>-3</sup>
Specimen_BJV004	337.0	338.0	0.151 x 10 <sup>-3</sup>
Specimen_BJV004	338.0	339.0	0.605 x 10 <sup>-3</sup>
Specimen_BJV004	339.0	340.0	0.408 x 10 <sup>-3</sup>
Specimen_BJV004	340.0	341.0	0.468 x 10 <sup>-3</sup>
Specimen_BJV004	341.0	342.0	1.568 x 10 <sup>-3</sup>
Specimen_BJV004	342.0	343.0	0.243 x 10 <sup>-3</sup>
Specimen_BJV004	343.0	344.0	3.486 x 10 <sup>-3</sup>
Specimen_BJV004	344.0	345.0	0.036 x 10 <sup>-3</sup>
Specimen_BJV004	345.0	346.0	0.591 x 10 <sup>-3</sup>
Specimen_BJV004	346.0	347.0	1.755 x 10 <sup>-3</sup>
Specimen_BJV004	347.0	348.0	3.741 x 10 <sup>-3</sup>
Specimen_BJV004	348.0	349.0	0.984 x 10 <sup>-3</sup>

Specimen_BJV004	349.0	350.0	0.328 x 10 <sup>-3</sup>
Specimen_BJV004	350.0	351.0	0.514 x 10 <sup>-3</sup>
Specimen_BJV004	351.0	352.0	0.516 x 10 <sup>-3</sup>
Specimen_BJV004	352.0	353.0	0.209 x 10 <sup>-3</sup>
Specimen_BJV004	353.0	354.0	3.918 x 10 <sup>-3</sup>
Specimen_BJV004	354.0	355.0	0.092 x 10 <sup>-3</sup>
Specimen_BJV004	355.0	356.0	0.243 x 10 <sup>-3</sup>
Specimen_BJV004	356.0	357.0	0.266 x 10 <sup>-3</sup>
Specimen_BJV004	357.0	358.0	5.395 x 10 <sup>-3</sup>
Specimen_BJV004	358.0	359.0	0.269 x 10 <sup>-3</sup>
Specimen_BJV004	359.0	360.0	1.213 x 10 <sup>-3</sup>
Specimen_BJV004	360.0	361.0	0.651 x 10 <sup>-3</sup>
Specimen_BJV004	361.0	362.0	0.803 x 10 <sup>-3</sup>
Specimen_BJV004	362.0	363.0	1.01 x 10 <sup>-3</sup>
Specimen_BJV004	363.0	364.0	1.36 x 10 <sup>-3</sup>
Specimen_BJV004	364.0	365.0	0.63 x 10 <sup>-3</sup>
Specimen_BJV004	365.0	366.0	0.322 x 10 <sup>-3</sup>
Specimen_BJV004	366.0	367.0	0.723 x 10 <sup>-3</sup>
Specimen_BJV004	367.0	368.0	0.203 x 10 <sup>-3</sup>
Specimen_BJV004	368.0	369.0	0.057 x 10 <sup>-3</sup>
Specimen_BJV004	369.0	370.0	0.06 x 10 <sup>-3</sup>
Specimen_BJV004	370.0	371.0	1.77 x 10 <sup>-3</sup>
Specimen_BJV004	371.0	372.0	0.186 x 10 <sup>-3</sup>
Specimen_BJV004	372.0	373.0	0.527 x 10 <sup>-3</sup>
Specimen_BJV004	373.0	374.0	0.412 x 10 <sup>-3</sup>
Specimen_BJV004	374.0	375.0	0.371 x 10 <sup>-3</sup>
Specimen_BJV004	375.0	376.0	0.749 x 10 <sup>-3</sup>
Specimen_BJV004	376.0	377.0	0.235 x 10 <sup>-3</sup>
Specimen_BJV004	377.0	378.0	1.65 x 10 <sup>-3</sup>
Specimen_BJV004	378.0	379.0	1.412 x 10 <sup>-3</sup>
Specimen_BJV004	379.0	380.0	5.11 x 10 <sup>-3</sup>
Specimen_BJV004	380.0	381.0	0.279 x 10 <sup>-3</sup>
Specimen_BJV004	381.0	382.0	1.369 x 10 <sup>-3</sup>
Specimen_BJV004	382.0	383.0	7.666 x 10 <sup>-3</sup>
Specimen_BJV004	383.0	384.0	0.778 x 10 <sup>-3</sup>
Specimen_BJV004	384.0	385.0	0.28 x 10 <sup>-3</sup>
Specimen_BJV004	385.0	386.0	0.421 x 10 <sup>-3</sup>
Specimen_BJV004	386.0	387.0	0.341 x 10 <sup>-3</sup>
Specimen_BJV004	387.0	388.0	1.082 x 10 <sup>-3</sup>
Specimen_BJV004	388.0	389.0	0.324 x 10 <sup>-3</sup>
Specimen_BJV004	389.0	390.0	0.269 x 10 <sup>-3</sup>
Specimen_BJV004	390.0	391.0	2.628 x 10 <sup>-3</sup>
Specimen_BJV004	391.0	392.0	0.321 x 10 <sup>-3</sup>
Specimen_BJV004	392.0	393.0	0.605 x 10 <sup>-3</sup>
Specimen_BJV004	393.0	394.0	1.278 x 10 <sup>-3</sup>
Specimen_BJV004	394.0	395.0	1.33 x 10 <sup>-3</sup>
Specimen_BJV004	395.0	396.0	1.036 x 10 <sup>-3</sup>
Specimen_BJV004	396.0	397.0	0.365 x 10 <sup>-3</sup>
Specimen_BJV004	397.0	398.0	0.578 x 10 <sup>-3</sup>
Specimen_BJV004	398.0	399.0	1.169 x 10 <sup>-3</sup>

Specimen_BJV004	399.0	400.0	5.651 x 10 <sup>-3</sup>
Specimen_BJV004	400.0	401.0	0.786 x 10 <sup>-3</sup>
Specimen_BJV004	401.0	402.0	0.642 x 10 <sup>-3</sup>
Specimen_BJV004	402.0	403.0	4.716 x 10 <sup>-3</sup>
Specimen_BJV004	403.0	404.0	3.957 x 10 <sup>-3</sup>
Specimen_BJV004	404.0	405.0	0.16 x 10 <sup>-3</sup>
Specimen_BJV004	405.0	406.0	3.263 x 10 <sup>-3</sup>
Specimen_BJV004	406.0	407.0	0.694 x 10 <sup>-3</sup>
Specimen_BJV004	407.0	408.0	0.904 x 10 <sup>-3</sup>
Specimen_BJV004	408.0	409.0	0.443 x 10 <sup>-3</sup>
Specimen_BJV004	409.0	410.0	0.318 x 10 <sup>-3</sup>
Specimen_BJV004	410.0	411.0	0.153 x 10 <sup>-3</sup>
Specimen_BJV004	411.0	412.0	1.403 x 10 <sup>-3</sup>
Specimen_BJV004	412.0	413.0	0.288 x 10 <sup>-3</sup>
Specimen_BJV004	413.0	414.0	0.815 x 10 <sup>-3</sup>
Specimen_BJV004	414.0	415.0	0.19 x 10 <sup>-3</sup>
Specimen_BJV004	415.0	416.0	0.516 x 10 <sup>-3</sup>
Specimen_BJV004	416.0	417.0	2.002 x 10 <sup>-3</sup>
Specimen_BJV004	417.0	418.0	1.131 x 10 <sup>-3</sup>
Specimen_BJV004	418.0	419.0	2.19 x 10 <sup>-3</sup>
Specimen_BJV004	419.0	420.0	7.868 x 10 <sup>-3</sup>
Specimen_BJV004	420.0	421.0	0.364 x 10 <sup>-3</sup>
Specimen_BJV004	421.0	422.0	0.121 x 10 <sup>-3</sup>
Specimen_BJV004	422.0	423.0	0.408 x 10 <sup>-3</sup>
Specimen_BJV004	423.0	424.0	0.638 x 10 <sup>-3</sup>
Specimen_BJV004	424.0	425.0	0.959 x 10 <sup>-3</sup>
Specimen_BJV004	425.0	426.0	0.606 x 10 <sup>-3</sup>
Specimen_BJV004	426.0	427.0	0.701 x 10 <sup>-3</sup>
Specimen_BJV004	427.0	428.0	0.624 x 10 <sup>-3</sup>
Specimen_BJV004	428.0	429.0	0.123 x 10 <sup>-3</sup>
Specimen_BJV004	429.0	430.0	0.167 x 10 <sup>-3</sup>
Specimen_BJV004	430.0	431.0	0.575 x 10 <sup>-3</sup>
Specimen_BJV004	431.0	432.0	1.462 x 10 <sup>-3</sup>
Specimen_BJV004	432.0	433.0	1.258 x 10 <sup>-3</sup>
Specimen_BJV004	433.0	434.0	0.454 x 10 <sup>-3</sup>
Specimen_BJV004	434.0	435.0	0.155 x 10 <sup>-3</sup>
Specimen_BJV004	435.0	436.0	0.126 x 10 <sup>-3</sup>
Specimen_BJV004	436.0	437.0	0.263 x 10 <sup>-3</sup>
Specimen_BJV004	437.0	438.0	1.279 x 10 <sup>-3</sup>
Specimen_BJV004	438.0	439.0	0.633 x 10 <sup>-3</sup>
Specimen_BJV004	439.0	440.0	0.507 x 10 <sup>-3</sup>
Specimen_BJV004	440.0	441.0	0.104 x 10 <sup>-3</sup>
Specimen_BJV004	441.0	442.0	0.359 x 10 <sup>-3</sup>
Specimen_BJV004	442.0	443.0	0.506 x 10 <sup>-3</sup>
Specimen_BJV004	443.0	444.0	0.343 x 10 <sup>-3</sup>
Specimen_BJV004	444.0	445.0	0.513 x 10 <sup>-3</sup>
Specimen_BJV004	445.0	446.0	0.369 x 10 <sup>-3</sup>
Specimen_BJV004	446.0	447.0	0.616 x 10 <sup>-3</sup>
Specimen_BJV004	447.0	448.0	0.749 x 10 <sup>-3</sup>
Specimen_BJV004	448.0	449.0	0.2 x 10 <sup>-3</sup>

Specimen_BJV004	449.0	450.0	0.204 x 10 <sup>-3</sup>
Specimen_BJV004	450.0	451.0	0.214 x 10 <sup>-3</sup>
Specimen_BJV004	451.0	452.0	1.623 x 10 <sup>-3</sup>
Specimen_BJV004	452.0	453.0	1.415 x 10 <sup>-3</sup>
Specimen_BJV004	453.0	454.0	0.172 x 10 <sup>-3</sup>
Specimen_BJV004	454.0	455.0	0.44 x 10 <sup>-3</sup>
Specimen_BJV004	455.0	456.0	0.163 x 10 <sup>-3</sup>
Specimen_BJV004	456.0	457.0	0.122 x 10 <sup>-3</sup>
Specimen_BJV004	457.0	458.0	1.389 x 10 <sup>-3</sup>
Specimen_BJV004	458.0	459.0	1.377 x 10 <sup>-3</sup>
Specimen_BJV004	459.0	460.0	0.573 x 10 <sup>-3</sup>
Specimen_BJV004	460.0	461.0	0.449 x 10 <sup>-3</sup>
Specimen_BJV004	461.0	462.0	2.262 x 10 <sup>-3</sup>
Specimen_BJV004	462.0	463.0	0.598 x 10 <sup>-3</sup>
Specimen_BJV004	463.0	464.0	0.662 x 10 <sup>-3</sup>
Specimen_BJV004	464.0	465.0	0.653 x 10 <sup>-3</sup>
Specimen_BJV004	465.0	466.0	0.085 x 10 <sup>-3</sup>
Specimen_BJV004	466.0	467.0	0.192 x 10 <sup>-3</sup>
Specimen_BJV004	467.0	468.0	0.511 x 10 <sup>-3</sup>
Specimen_BJV004	468.0	469.0	0.945 x 10 <sup>-3</sup>
Specimen_BJV004	469.0	470.0	1.656 x 10 <sup>-3</sup>
Specimen_BJV004	470.0	471.0	0.544 x 10 <sup>-3</sup>
Specimen_BJV004	471.0	472.0	x 10 <sup>-3</sup>
Specimen_BJV004	472.0	473.0	4.893 x 10 <sup>-3</sup>
Specimen_BJV004	473.0	474.0	0.62 x 10 <sup>-3</sup>
Specimen_BJV004	474.0	475.0	0.11 x 10 <sup>-3</sup>
Specimen_BJV004	475.0	476.0	0.17 x 10 <sup>-3</sup>
Specimen_BJV004	476.0	477.0	0.166 x 10 <sup>-3</sup>
Specimen_BJV004	477.0	478.0	0.654 x 10 <sup>-3</sup>
Specimen_BJV004	478.0	479.0	2.601 x 10 <sup>-3</sup>
Specimen_BJV004	479.0	480.0	4.413 x 10 <sup>-3</sup>
Specimen_BJV004	480.0	481.0	0.093 x 10 <sup>-3</sup>
Specimen_BJV004	481.0	482.0	0.084 x 10 <sup>-3</sup>
Specimen_BJV004	482.0	483.0	0.233 x 10 <sup>-3</sup>
Specimen_BJV004	483.0	484.0	0.868 x 10 <sup>-3</sup>
Specimen_BJV004	484.0	485.0	0.174 x 10 <sup>-3</sup>
Specimen_BJV004	485.0	486.0	0.398 x 10 <sup>-3</sup>
Specimen_BJV004	486.0	487.0	0.128 x 10 <sup>-3</sup>
Specimen_BJV004	487.0	488.0	0.233 x 10 <sup>-3</sup>
Specimen_BJV004	488.0	489.0	0.307 x 10 <sup>-3</sup>
Specimen_BJV004	489.0	490.0	0.184 x 10 <sup>-3</sup>
Specimen_BJV004	490.0	491.0	0.21 x 10 <sup>-3</sup>
Specimen_BJV004	491.0	492.0	0.149 x 10 <sup>-3</sup>
Specimen_BJV004	492.0	493.0	0.116 x 10 <sup>-3</sup>
Specimen_BJV004	493.0	494.0	0.141 x 10 <sup>-3</sup>
Specimen_BJV004	494.0	495.0	0.195 x 10 <sup>-3</sup>
Specimen_BJV004	495.0	496.0	0.336 x 10 <sup>-3</sup>
Specimen_BJV004	496.0	497.0	0.21 x 10 <sup>-3</sup>
Specimen_BJV004	497.0	498.0	0.21 x 10 <sup>-3</sup>
Specimen_BJV004	498.0	499.0	0.157 x 10 <sup>-3</sup>
Specimen_BJV004	499.0	500.0	0.18 x 10 <sup>-3</sup>
Specimen_BJV004	500	501	0.015 x 10 <sup>-3</sup>

**Appendix 2**  
**Balfour Gravity Survey Interpretation**

**Appendix 3.**

**Geophysical Aeromagnetic Interpretation Reports**

**Specimen Hill Magnetic Data modeling**

**R41S Magnetic Modeling**

**Furious 50's Magnetic Modeling**

**Appendix 4**  
**Rock Chip Sample Assays**

Prospect	Spl_id	Easting	Northing	Sn	W	As	Cu	Pb	Zn	Au	Description
R41S	B001	318000	5435610	<0.01	20	300	1	246	121	<0.01	Siliceous fine grained siltstone, ferruginous
R41S	B002	318017	5435700	<0.01	20	100	<1	7	59	<0.01	Siliceous fine grained siltstone, dark grey.
Specimen Hill	B003	323886	5428231	<0.01	40	350	71	16	49	<0.01	Haematite altered sediments and qtz veins
Specimen Hill	B004	323896	5428225	<0.01	40	300	296	28	32	<0.01	Haematite altered sediments and qtz veins
R41S	B005	317980	5435510	<0.01	40	<50	3	9	23	<0.01	Massive white quartzite
Specimen Hill	B006	323285	5428802	<0.01	30	<50	6	21	12	<0.01	Quartz vein
Specimen Hill	B007	323285	5428802	<0.01	30	50	<1	13	16	<0.01	Quartz vein
R41S	B008	317850	5435600	<0.01	20	<50	<1	11	28	<0.01	Massive white quartzite
R41S	B009	317860	5435390	<0.01	30	<50	<1	31	16	<0.01	Quartz vein

**Appendix 5**  
**Ground Magnetic data**

Pt No.	Grid_East	Grid_North	AMG_east	AMG_north	Time	Magnetometer	Base Station	Residual
0	7700	5800	317700	5435800	22:21:42.00 12/14/09	61615.8	61609.9	2005.9
1	7700	5775	317700	5435775	22:22:17.00 12/14/09	61621.7	61609.9	2011.8
2	7700	5750	317700	5435750	22:23:35.00 12/14/09	61626.1	61608.2	2017.9
3	7700	5725	317700	5435725	22:25:20.00 12/14/09	61631.1	61608	2023.1
4	7700	5700	317700	5435700	22:26:27.00 12/14/09	61633.5	61608	2025.5
5	7700	5675	317700	5435675	22:27:05.00 12/14/09	61638.4	61608	2030.4
6	7700	5650	317700	5435650	22:27:42.00 12/14/09	61639.7	61607.8	2031.9
7	7700	5625	317700	5435625	22:28:09.00 12/14/09	61636.4	61607.8	2028.6
8	7700	5600	317700	5435600	22:28:35.00 12/14/09	61622.2	61607.8	2014.4
9	7700	5575	317700	5435575	22:31:14.00 12/14/09	61594.1	61608	1986.1
10	7700	5550	317700	5435550	22:32:12.00 12/14/09	61579.1	61608	1971.1
11	7700	5525	317700	5435525	22:32:59.00 12/14/09	61568.1	61608	1960.1
12	7700	5500	317700	5435500	22:33:47.00 12/14/09	61558.5	61607.5	1951
13	7700	5475	317700	5435475	22:34:32.00 12/14/09	61559.6	61607.5	1952.1
14	7700	5450	317700	5435450	22:35:10.00 12/14/09	61562.8	61607.4	1955.4
15	7700	5425	317700	5435425	22:35:41.00 12/14/09	61565.2	61607.4	1957.8
16	7700	5400	317700	5435400	22:36:12.00 12/14/09	61558.3	61607.4	1950.9
17	7700	5375	317700	5435375	22:36:49.00 12/14/09	61580.2	61607.4	1972.8
18	7700	5350	317700	5435350	22:37:27.00 12/14/09	61586	61607	1979
19	7700	5325	317700	5435325	22:38:04.00 12/14/09	61591.7	61607	1984.7
20	7700	5300	317700	5435300	22:38:40.00 12/14/09	61590.4	61607	1983.4
21	7700	5275	317700	5435275	22:39:34.00 12/14/09	61596.3	61606.9	1989.4
22	7700	5250	317700	5435250	22:40:05.00 12/14/09	61599.9	61606.7	1993.2
23	7700	5225	317700	5435225	22:40:36.00 12/14/09	61610.3	61606.7	2003.6
24	7700	5200	317700	5435200	22:41:11.00 12/14/09	61599.4	61606.7	1992.7
25	7700	5175	317700	5435175	22:42:19.00 12/14/09	61609.9	61606.4	2003.5
26	7700	5150	317700	5435150	22:43:09.00 12/14/09	61616.4	61606.5	2009.9
27	7700	5125	317700	5435125	22:43:44.00 12/14/09	61632.2	61606.5	2025.7
28	7700	5100	317700	5435100	22:44:28.00 12/14/09	61636.7	61606.6	2030.1
29	7800	5200	317800	5435200	22:48:39.00 12/14/09	61586	61605.8	1980.2
30	7800	5225	317800	5435225	22:49:23.00 12/14/09	61582.5	61605.5	1977
31	7800	5250	317800	5435250	22:49:52.00 12/14/09	61577.8	61605.5	1972.3
32	7800	5275	317800	5435275	22:50:18.00 12/14/09	61570.5	61605.5	1965
33	7800	5300	317800	5435300	22:50:48.00 12/14/09	61561	61605.2	1955.8
34	7800	5325	317800	5435325	22:51:14.00 12/14/09	61547.7	61605.2	1942.5
35	7800	5350	317800	5435350	22:51:39.00 12/14/09	61534.5	61605.2	1929.3
36	7800	5375	317800	5435375	22:52:06.00 12/14/09	61518.1	61605.1	1913
37	7800	5400	317800	5435400	22:52:47.00 12/14/09	61503.7	61605.1	1898.6
38	7800	5425	317800	5435425	22:53:24.00 12/14/09	61503.4	61605.1	1898.3
39	7800	5450	317800	5435450	22:53:58.00 12/14/09	61542.8	61605.1	1937.7
40	7800	5475	317800	5435475	22:54:30.00 12/14/09	61641.7	61605.1	2036.6
41	7800	5500	317800	5435500	22:55:03.00 12/14/09	61806.4	61605.2	2201.2
42	7800	5525	317800	5435525	22:55:36.00 12/14/09	61900.8	61605.2	2295.6
43	7800	5550	317800	5435550	22:56:05.00 12/14/09	61943.5	61605	2338.5
44	7800	5575	317800	5435575	22:56:37.00 12/14/09	61970	61605	2365
45	7800	5600	317800	5435600	22:57:20.00 12/14/09	62003.2	61605	2398.2
46	7800	5625	317800	5435625	22:58:08.00 12/14/09	61992.9	61604.4	2388.5
47	7800	5650	317800	5435650	22:58:41.00 12/14/09	61920.3	61604.4	2315.9
48	7800	5675	317800	5435675	22:59:22.00 12/14/09	61825	61604.4	2220.6
49	7800	5700	317800	5435700	23:00:04.00 12/14/09	61752.9	61604.3	2148.6
50	7800	5725	317800	5435725	23:00:46.00 12/14/09	61703.4	61604.3	2099.1
51	7800	5750	317800	5435750	23:01:40.00 12/14/09	61665	61605	2060
52	7800	5775	317800	5435775	23:02:46.00 12/14/09	61640.8	61605	2035.8
53	7800	5800	317800	5435800	23:03:38.00 12/14/09	61627.4	61604.8	2022.6
54	7900	5800	317900	5435800	23:17:44.00 12/14/09	61629.3	61603.9	2025.4
55	7900	5775	317900	5435775	23:18:29.00 12/14/09	61649.7	61603.9	2045.8
56	7900	5750	317900	5435750	23:19:07.00 12/14/09	61685.2	61603	2082.2
57	7900	5725	317900	5435725	23:19:41.00 12/14/09	61737.9	61603	2134.9
58	7900	5700	317900	5435700	23:20:14.00 12/14/09	61822.6	61602.9	2219.7
59	7900	5675	317900	5435675	23:20:47.00 12/14/09	61960.1	61602.9	2357.2
60	7900	5650	317900	5435650	23:21:19.00 12/14/09	62153.5	61602.9	2550.6
61	7900	5625	317900	5435625	23:21:57.00 12/14/09	62581.3	61602.9	2978.4
62	7900	5600	317900	5435600	23:22:36.00 12/14/09	62995.9	61602.5	3393.4
63	7900	5575	317900	5435575	23:23:24.00 12/14/09	63478.8	61602.3	3876.5
64	7900	5550	317900	5435550	23:24:16.00 12/14/09	63543.8	61602.3	3941.5
65	7900	5525	317900	5435525	23:24:52.00 12/14/09	63170.2	61602.3	3567.9
66	7900	5500	317900	5435500	23:25:21.00 12/14/09	62650.7	61601.7	3049
67	7900	5475	317900	5435475	23:26:06.00 12/14/09	62183.3	61601.7	2581.6
68	7900	5450	317900	5435450	23:26:39.00 12/14/09	61732.7	61601.8	2130.9
69	7900	5425	317900	5435425	23:27:12.00 12/14/09	61616.6	61601.8	2014.8
70	7900	5400	317900	5435400	23:27:49.00 12/14/09	61625.5	61601.8	2023.7
71	7900	5375	317900	5435375	23:28:30.00 12/14/09	61603	61601.4	2001.6
72	7900	5350	317900	5435350	23:28:56.00 12/14/09	61591.9	61601.4	1990.5
73	7900	5325	317900	5435325	23:29:32.00 12/14/09	61582.1	61601.6	1980.5

74	7900	5300	317900	5435300	23:30:03.00	12/14/09	61581.5	61601.6	1979.9
75	7900	5275	317900	5435275	23:30:36.00	12/14/09	61577.4	61601.6	1975.8
76	7900	5250	317900	5435250	23:31:07.00	12/14/09	61577.4	61601.2	1976.2
77	7900	5225	317900	5435225	23:31:38.00	12/14/09	61577.5	61601.2	1976.3
78	7900	5200	317900	5435200	23:32:09.00	12/14/09	61575	61601.2	1973.8
79	8000	5300	318000	5435300	23:34:49.00	12/14/09	61590.4	61600.7	1989.7
80	8000	5325	318000	5435325	23:35:28.00	12/14/09	61595.9	61600.7	1995.2
81	8000	5350	318000	5435350	23:35:59.00	12/14/09	61615	61600.7	2014.3
82	8000	5375	318000	5435375	23:36:30.00	12/14/09	61706.9	61601	2105.9
83	8000	5400	318000	5435400	23:37:06.00	12/14/09	61925.1	61601	2324.1
84	8000	5425	318000	5435425	23:37:45.00	12/14/09	61926.1	61600.8	2325.3
85	8000	5450	318000	5435450	23:38:20.00	12/14/09	61839.7	61600.8	2238.9
86	8000	5475	318000	5435475	23:39:05.00	12/14/09	61721.8	61600.5	2121.3
87	8000	5500	318000	5435500	23:39:39.00	12/14/09	61552.1	61600.5	1951.6
88	8000	5525	318000	5435525	23:40:08.00	12/14/09	61509.7	61600.4	1909.3
89	8000	5550	318000	5435550	23:40:40.00	12/14/09	61927.8	61600.4	2327.4
90	8000	5575	318000	5435575	23:41:14.00	12/14/09	62470.3	61600.4	2869.9
91	8000	5600	318000	5435600	23:41:56.00	12/14/09	60202	61600.4	601.6
92	8000	5625	318000	5435625	23:42:35.00	12/14/09	60177.3	61599.8	577.5
93	8000	5650	318000	5435650	23:43:41.00	12/14/09	61270.5	61599.8	1670.7
94	8000	5675	318000	5435675	23:44:37.00	12/14/09	61539.1	61599.4	1939.7
95	8000	5700	318000	5435700	23:45:12.00	12/14/09	61666.5	61599.4	2067.1
96	8000	5725	318000	5435725	23:45:45.00	12/14/09	61684.6	61599.4	2085.2
97	8000	5750	318000	5435750	23:46:24.00	12/14/09	61678.4	61599.3	2079.1
98	8000	5775	318000	5435775	23:46:59.00	12/14/09	61657.1	61599.3	2057.8
99	8000	5800	318000	5435800	23:47:38.00	12/14/09	61650.2	61599.3	2050.9
100	8100	5800	318100	5435800	23:53:22.00	12/14/09	61584.9	61599	1985.9
101	8100	5775	318100	5435775	23:54:11.00	12/14/09	61586.1	61599.1	1987
102	8100	5750	318100	5435750	23:54:45.00	12/14/09	61590.1	61599.1	1991
103	8100	5725	318100	5435725	23:55:21.00	12/14/09	61589	61599.3	1989.7
104	8100	5700	318100	5435700	23:56:00.00	12/14/09	61597.2	61599.3	1997.9
105	8100	5675	318100	5435675	23:56:48.00	12/14/09	61589.9	61599.3	1990.6
106	8100	5650	318100	5435650	23:57:18.00	12/14/09	61588.7	61599.6	1989.1
107	8100	5625	318100	5435625	23:58:14.00	12/14/09	61580.6	61599.6	1981
108	8100	5600	318100	5435600	23:59:07.00	12/14/09	61570.3	61599.9	1970.4
109	8100	5575	318100	5435575	23:59:53.00	12/14/09	61557.4	61599.7	1957.7
110	8100	5550	318100	5435550	00:00:29.00	12/15/09	61544.4	61599.8	1944.6
111	8100	5525	318100	5435525	00:01:03.00	12/15/09	61523.9	61599.6	1924.3
112	8100	5500	318100	5435500	00:01:47.00	12/15/09	61535.7	61599.6	1936.1
113	8100	5475	318100	5435475	00:02:23.00	12/15/09	61556	61599.6	1956.4
114	8100	5450	318100	5435450	00:03:07.00	12/15/09	61578	61599.6	1978.4
115	8100	5425	318100	5435425	00:03:40.00	12/15/09	61618.2	61599.6	2018.6
116	8100	5400	318100	5435400	00:04:15.00	12/15/09	61655.6	61599.8	2055.8
117	8100	5375	318100	5435375	00:04:52.00	12/15/09	61677.6	61599.8	2077.8
118	8100	5350	318100	5435350	00:05:28.00	12/15/09	61691.8	61599.8	2092
119	8100	5325	318100	5435325	00:06:10.00	12/15/09	61683.3	61599.8	2083.5
120	8100	5300	318100	5435300	00:06:51.00	12/15/09	61658.8	61599.8	2059
121	8100	5275	318100	5435275	00:07:44.00	12/15/09	61664.9	61600.3	2064.6
122	8100	5250	318100	5435250	00:08:22.00	12/15/09	61674.5	61600.3	2074.2
123	8100	5225	318100	5435225	00:09:31.00	12/15/09	61667.3	61600.6	2066.7
124	8100	5200	318100	5435200	00:10:23.00	12/15/09	61645.9	61600.6	2045.3
125	8200	5200	318200	5435200	00:16:45.00	12/15/09	62167.2	61600.3	2566.9
126	8200	5225	318200	5435225	00:18:18.00	12/15/09	61776.8	61600.1	2176.7
127	8200	5250	318200	5435250	00:19:00.00	12/15/09	61688.8	61600.1	2088.7
128	8200	5275	318200	5435275	00:20:17.00	12/15/09	61660.6	61599.7	2060.9
129	8200	5300	318200	5435300	00:21:05.00	12/15/09	61646.5	61599.9	2046.6
130	8200	5325	318200	5435325	00:21:43.00	12/15/09	61640.6	61599.9	2040.7
131	8200	5350	318200	5435350	00:22:19.00	12/15/09	61638.7	61599.9	2038.8
132	8200	5375	318200	5435375	00:22:50.00	12/15/09	61638.1	61599.9	2038.2
133	8200	5400	318200	5435400	00:23:35.00	12/15/09	61632.2	61599.9	2032.3
134	8200	5425	318200	5435425	00:24:28.00	12/15/09	61627.3	61600	2027.3
135	8200	5450	318200	5435450	00:25:11.00	12/15/09	61619.5	61599.8	2019.7
136	8200	5475	318200	5435475	00:25:48.00	12/15/09	61611.8	61599.8	2012
137	8200	5500	318200	5435500	00:26:29.00	12/15/09	61604.7	61599.8	2004.9
138	8200	5525	318200	5435525	00:27:23.00	12/15/09	61598.8	61599.7	1999.1
139	8200	5550	318200	5435550	00:28:00.00	12/15/09	61593.3	61599.5	1993.8
140	8200	5575	318200	5435575	00:28:43.00	12/15/09	61589.8	61599.5	1990.3
141	8200	5600	318200	5435600	00:29:18.00	12/15/09	61586.1	61599.1	1987
142	8200	5625	318200	5435625	00:29:52.00	12/15/09	61583.4	61599.1	1984.3
143	8200	5650	318200	5435650	00:30:27.00	12/15/09	61583.4	61599.1	1984.3
144	8200	5675	318200	5435675	00:31:05.00	12/15/09	61581.3	61598.5	1982.8
145	8200	5700	318200	5435700	00:31:42.00	12/15/09	61579.6	61598.5	1981.1
146	8200	5725	318200	5435725	00:32:24.00	12/15/09	61577.1	61598.7	1978.4
147	8200	5750	318200	5435750	00:33:07.00	12/15/09	61574.8	61598.7	1976.1
148	8200	5775	318200	5435775	00:34:46.00	12/15/09	61577.7	61598.4	1979.3