Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources
GEOLOGICAL SURVEY BRANCH

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)]	TOTAL COST
2006 Diamond Drilling Report on the Williams Property	$505,846

AUTHOR(S) Jim Lehtinen, P.Geo. SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S) /DATE (S) MX-1-627 YEAR OF WORK 2006

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4109046, 4109048 (October 29/06)

PROPERTY NAME Williams

CLAIM NAME(S) (on which work was done_) 502770

COMMODITIES SOUGHT Cu, Au, Mo

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 094E 028, 044, 092, 150, 182, 183

MINING DIVISION Liard NTS 94E/11W, 12, 13, 14W

LATITUDE 57 ° 47 ' 00 " LONGITUDE 127 ° 40 ' 00 " (at centre of work)

OWNER(S)

1) Rimfire Minerals Corporation 2)

MAILING ADDRESS

700 - 700 West Pender St.
Vancouver, B.C.
V6C 1G8

OPERATOR(S) [who paid for the work]

1) Arcus Development Group Inc. 2)

MAILING ADDRESS

281 East 5th Street
North Vancouver, B.C.
V7L 1L8

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

Devono-Permian Asitka Group metavolcanics host T-Bill orogenic Au prospect. Upper Triassic Takla Group volcanics host GIC porphyry Cu-Au-Mo prospect.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS 26661, 28004, 11148, 11075, 10490, 10485, 9288, 11493, 25573, 12559, 24336, 17322, 25535, 27148, 8973, 10245, 9398, 9335, 13841

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. Support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil			
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	881.2 metres BTW core, 5 holes	502770	$505,846
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammertic (scale ,area)			
Legal surveys (scale ,area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	$505,846

Arcus Development Group Inc.
Rimfire Minerals Corporation

2006 DIAMOND DRILLING REPORT ON THE WILLIAMS PROPERTY

Located in the Toodoggone Area
Liard Mining Division
NTS 94E/11W, 12E, 12W, 13E, 13W, 14W
BCGS 94E.071, 072, 073, 074, 081, 082, 083
57º 47’ North Latitude
127º 40' West Longitude

-prepared for-
ARCUS DEVELOPMENT GROUP INC.
281 East 5th Street
North Vancouver, British Columbia, V7L 1L8

-and-

RIMFIRE MINERALS CORPORATION
Suite 700, 700 West Pender Street
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Suite 700, 700 West Pender Street
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V6C 1G8

January, 2007

SUMMARY

The Williams property consists of 58 contiguous map claims covering 261.36 km^2 of mountainous terrain in north-central British Columbia, 330 km north of Smithers. Access to the property is by fixed-wing aircraft and helicopter, with the nearest road 75 km to the southeast. The property is owned outright by Rimfire Minerals Corporation, with a portion subject to a 1.25% NSR. Arcus Development Group Inc. is earning a 60% interest in the property and funded the 2006 program.

Stream sediment sampling by Cominco and Du Pont in the early 1980's led to the discovery of the T-Bill prospect and the recognition of geochemical anomalies in the vicinity of the GIC prospect. The companies joined forces to drill 3,023 metres on the T-Bill prospect in 1983-84, before allowing the property to lie dormant. Rimfire optioned the property in 2001, attracted by the kilometre-scale alteration and soil geochemistry at the T-Bill and GIC prospects. An additional 2,855 metres of drilling was done in 2003 to the north and northeast of the T-Bill prospect, and Cu-Au-Mo porphyry-style mineralization was recognized in the GIC area. In 2005, Rimfire carried out limited geological and geochemical fieldwork and a 17 line-km IP/magnetic survey over the GIC prospect, revealing an open-ended 600 x 1,800 metre chargeability/resistivity anomaly.

The T-Bill prospect is underlain by penetratively deformed Devono-Permian Asitka Group metavolcanics which have been altered to carbonate-muscovite-quartz schist over an area of 1,200 x 2,300 metres. This alteration is confined to the core of a northeasterly-trending structural dome and is controlled both by foliation and by steep cross-cutting structures. Gold-rich quartz-arsenopyrite veins, locally with visible gold, are broadly co-spatial with the carbonate-muscovite alteration, although they extend into unaltered chlorite schists with only centimetre-scale alteration envelopes. Individual veins generally cut across foliation and are rarely wider than 30 centimetres, although swarms of veinlets are common. The best drill intersections include 2.0 metres @ 24.8 g/tonne Au and 2.0 metres @ 35.0 g/tonne Au.

The GIC porphyry prospect is located three kilometres north of the T-Bill prospect on the north side of the major WNW-trending Grass Fault, which separates Asitka Group schists to the south from Upper Triassic Takla Group volcanic rocks to the north. A 500 x 1,400 metre Cu soil geochemical anomaly, enclosing two discrete 300 x 500-750 metre Au soil subanomalies, is draped along a south-facing ridge which lies immediately north of the Grass Fault. The Cu soil anomaly remains open to the west; to the south, and possibly the east, it is truncated by overlying glacial till. A 2005 IP survey revealed a 600 x 1,800 metre zone of high chargeability and moderate to high resistivity which parallels the Cu soil geochemical anomaly and is covered by thick vegetation. This IP anomaly coincides with the southern edge of the soil geochemical anomalies and extends further south and east under glacial till. A 2005 silt sample from a groundwater-derived stream draining the eastern end of the IP anomaly, beyond the soil geochemical anomaly, contained 1620 ppm Cu and suggests Cu-bearing mineralization in that area which is not reflected in soil geochemistry.

Very little outcrop is exposed within the GIC IP chargeability/resistivity anomaly. Several Au-bearing rock samples have been taken from within the Cu-Au soil geochemical anomaly on the northern edge of the IP anomaly; five samples contained 1280 to 4740 ppb Au, with 84-1045 ppm Cu. On the southern flank of the IP anomaly, a few outcrops are exposed over 85 metres in the south bank of GIC Creek. These intensely fractured outcrops consist of strongly sericitized andesite and feldspar porphyry with disseminated chalcopyrite, pyrite, molybdenite, magnetite and specularite; a 3.73 metre chip sample returned 2200 ppm Cu and 220 ppb Au.

A drill program of 881 metres on the GIC anomaly in 2006 intersected strong silica-sericite altered and pyritized Takla Group rocks which are consistent with porphyry style mineralization. This style of alteration and pyrite mineralization, and the geochemically significant copper, gold and molybdenum mineralization intersected in drilling, as well as the surface sampling, suggest it may represent a distal portion of a porphyry system. Given these factors and the limited testing to date, further exploration should be undertaken along the open-ended GIC anomaly.

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1.0 INTRODUCTION

The Williams property covers two distinct gold-bearing prospects in north-central British Columbia (Figure 1). The T-Bill prospect is a 3 km^2 area of carbonate alteration, highly anomalous Au-As soil geochemistry and gold-bearing quartz-sulphide veining. The GIC prospect, located 3 kilometres to the north, is an elongated 600 x 1,800 metre chargeability/resistivity anomaly with associated Au-Cu soil geochemistry and porphyry-style Cu-Au-Mo mineralization. These two prospects were first indicated by regional stream sediment sampling programs carried out by Cominco and Du Pont in the early 1980's. Cominco/Du Pont drilled the T-Bill prospect in 1983 and 1984, intersecting six separate 2-metre intercepts grading >15 g/tonne Au.

Arcus Development Group Inc. ("Arcus") and Rimfire Minerals Corporation ("Rimfire") carried out initial drilling of the GIC target in 2006, with five holes totalling 881.2 metres along two sections. Equity Engineering Ltd. was contracted to execute the 2006 Williams drilling and has been retained to report on its results.

2.0 PROPERTY TITLE

The Williams property consists of 58 contiguous MTO mineral claims covering 261 km^2 of the Liard Mining Division of British Columbia, as summarized in Table 1 (Figure 2). There are no remaining "Legacy" mineral claims in the Williams area. Rimfire owns 100% of the property, but has granted Arcus the option to earn 60% in the property through staged cash payments, share issuances and exploration expenditures. A portion of the property is subject to a 1.25% net smelter royalty, of which 0.75% can be purchased for $1.0 million.

Table 1: Claim Data

Mineral Tenure	Area (Ha)	Expiry Date
502764	1449.390	December 31, 2014
502766	829.114	December 31, 2014
502768	673.359	December 31, 2014
502770	844.804	December 31, 2014
502773	965.782	December 31, 2014
502774	396.407	December 31, 2014
514151	241.631	December 31, 2014
514152	103.586	December 31, 2014
514153	431.419	December 31, 2014
514154	431.172	December 31, 2014
514156	431.07	December 31, 2014
514157	430.824	December 31, 2014
514158	413.384	December 31, 2014
514159	430.735	December 31, 2014
514160	430.685	December 31, 2014
514162	414.052	December 31, 2014
514163	310.281	December 31, 2014
522391	413.788	December 31, 2014
522392	413.667	December 31, 2014
522394	241.247	December 31, 2014
522395	431.051	December 31, 2014
542677	431.0773	October 6, 2007

Table 1: Claim Data (continued)

Mineral Tenure	Area (Ha)	Expiry Date
542678	431.0811	October 6, 2007
542679	431.0789	October 6, 2007
542680	431.0820	October 6, 2007
542681	431.0887	October 6, 2007
542682	431.0902	October 6, 2007
542683	431.1118	October 6, 2007
542684	431.1198	October 6, 2007
542685	431.1269	October 6, 2007
542686	431.2927	October 6, 2007
542687	431.3636	October 6, 2007
542688	431.3571	October 6, 2007
542689	431.3504	October 6, 2007
542690	258.8018	October 6, 2007
542692	345.0637	October 6, 2007
542693	431.3293	October 6, 2007
542694	431.3316	October 6, 2007
542695	431.3249	October 6, 2007
542696	431.5723	October 6, 2007
542697	431.5823	October 6, 2007
542698	431.5800	October 6, 2007
542699	431.5784	October 6, 2007
542700	431.5796	October 6, 2007
542701	431.5815	October 6, 2007
542702	431.5896	October 6, 2007
542703	431.5943	October 6, 2007
542704	431.6004	October 6, 2007
542705	431.6194	October 6, 2007
542706	414.5201	October 6, 2007
542707	414.5172	October 6, 2007
542708	414.5159	October 6, 2007
542709	414.5173	October 6, 2007
542710	414.5176	October 6, 2007
542712	413.6447	October 6, 2007
542713	413.6433	October 6, 2007
542714	413.6529	October 6, 2007
549158	276.0775	January 12, 2008
	26136.0041	

3.0 LOCATION, ACCESS AND GEOGRAPHY

The Williams property lies on the Spatsizi Plateau of north-central British Columbia, approximately 150 kilometres southeast of Dease Lake and 330 kilometres north of Smithers (Figure 1). It lies within the Liard Mining Division, centred at 57^o 47' north latitude and 127^o 47' west longitude.

Access to the Williams property is by helicopter from Dease Lake and the Kemess Mine (100 kilometres to the southeast). Fixed wing aircraft can land with floats on Forfer Lake, 15 kilometres west of the Williams property or on wheels at Highland Post, 25 kilometres to the southwest. The 2006 drill program was serviced by helicopter from the outfitter's camp on the Highland Post strip. The Omineca mining road continues past the Kemess Mine to the Sturdee airstrip, 75 kilometres southeast of Williams; the portion beyond Sturdee to Albert's Hump (40 km southeast of Williams) is no longer accessible.

0 75 150 300
kilometres

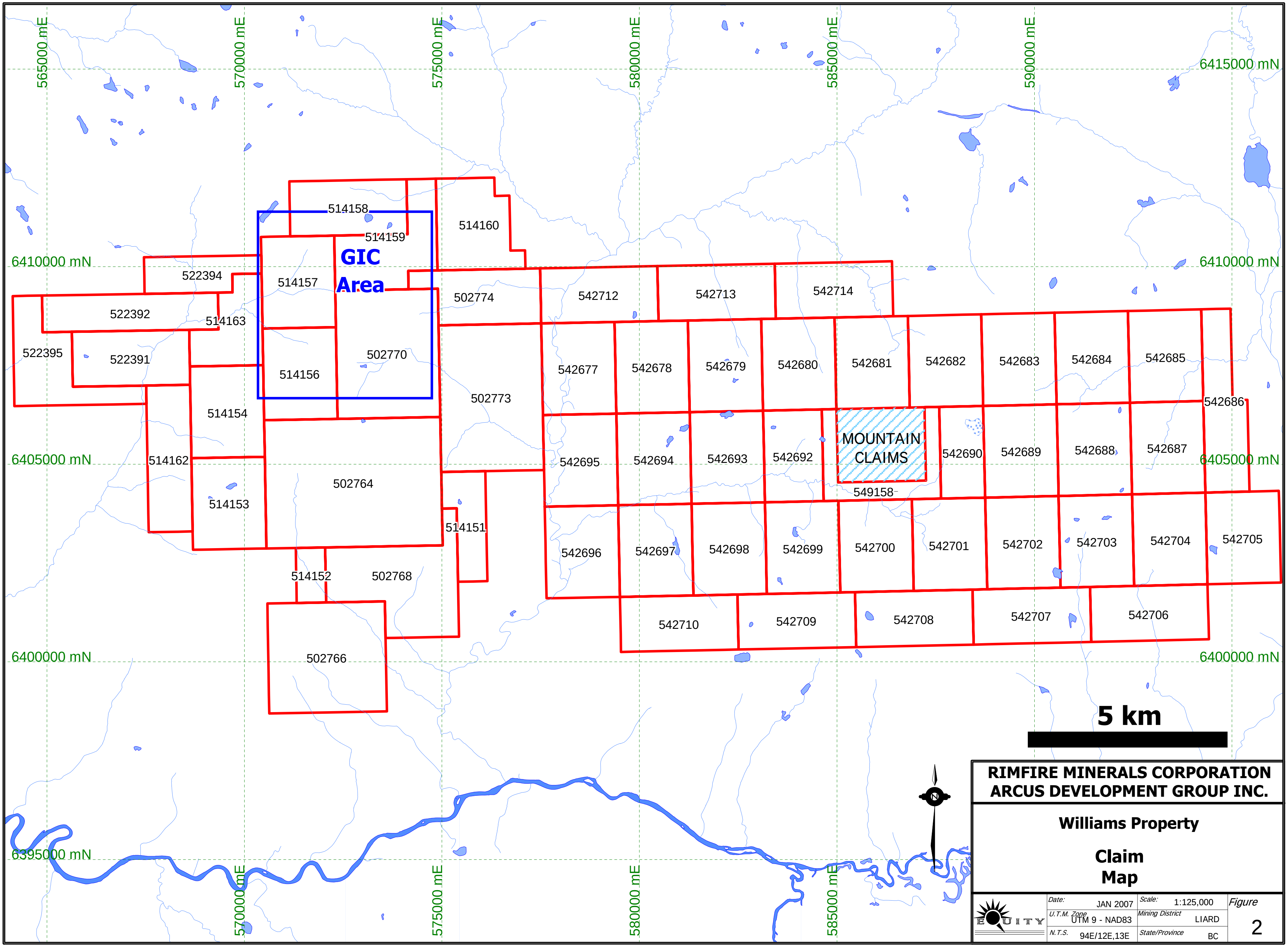
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.

Williams Property

LOCATION MAP

EQUITY

Date: JAN 2007	Scale: 1:8,000,000	Figure
U.T.M. Zone UTM 9 - NAD83	Mining District LIARD	1
N.T.S. 94E/12E,13E	State/Province BC	


RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.
Williams Property
Claim Map
Date: JAN 2007
Scale: 1:125,000
Figure 2
U.T.M. Zone UTM 9 - NAD83
Mining District LIARD
N.T.S. 94E/12E,13E
State/Province BC
EQUITY
5 km
GIC Area
MOUNTAIN CLAIMS
565000 mE
570000 mE
575000 mE
580000 mE
585000 mE
590000 mE
6415000 mN
6410000 mN
6405000 mN
6400000 mN
6395000 mN
514158
514159
514160
522394
514157
502774
542712
542713
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542706
502766

The Williams property lies a few kilometres north of the Stikine River, covering a number of tributaries of Park Creek, Lunar Creek and the Stikine River. The property is moderately rugged and largely above tree-line. Elevations range from 1,180 metres in the Park Creek valley to over 2,000 metres along the crest of several ridges. The T-Bill prospect lies at 1,700-2,000 metres and the GIC prospect at 1,460-1,760 metres elevation.

4.0 PROPERTY EXPLORATION HISTORY

4.1 Previous Work

Table 2 summarizes all known exploration work carried out on the ground currently comprising the Williams property.

Table 2: Williams Exploration Programs

Operator Zones	Geochemistry	Geophysics	Trenching and Drilling	Reference
Cominco (1976)				
T-Bill, Gos	33 silts (Cu, Pb, Zn, Ag)			
Cominco (1979)				
T-Bill	22 silts (Au, As)			
Cominco (1980)				
T-Bill	86 soils			Sharp (1981)
Du Pont (1980)				
GIC	53 bulk stream sediments, 2 rocks			Eccles (1981)
SEREM (1980)				
Mountain	39 silts, 85 soils			Vulimiri and Crawford (1981)
Cominco (1981)				
T-Bill	353 soils, 135 rocks		6 blast-trenches	Sharp (1982)
Du Pont (1981)				
	2 bulk stream sediments, 1 silt and 36 soils			Strain (1981)
Du Pont (1981)				
GIC	8 bulk stream sediments, 16 silts, 188 soils, 47 rocks			Drown (1982)
Du Pont & Cominco (1982)				
T-Bill	275 soils, 52 rocks	4.8 km mag-VLF, 3.2 km IP	11 blast-trenches	Copland and Drown (1983), White (1982)
Du Pont (1982)				
GIC	123 soils, 62 rocks		11 blast-trenches	Copland (1982)
Du Pont & Cominco (1983)				
T-Bill	148 soils	16.5(?) km mag-VLF	6 NQ DDH: 1,175m	Forbes and Drown (1984)

Table 2: Williams Exploration Programs (cont'd)

Operator Zones	Geochemistry	Geophysics	Trenching and Drilling	Reference
Du Pont & Cominco (1984)				
T-Bill	342 soils	10 km VLF	9 NQ DDH: 1,848m	Kowalchuk (1984), Paterson (1985)
Skylark & Comox (1987)				
GIC	191 soils, 21 rocks	1.7 km VLF		McAtee and Burns (1988)
AGC Americas Gold (1995)				
GIC	380 soils, 15 rocks			Krause (1996)
Antares & AGC Americas Gold (1998)				
		Airborne magnetics		Hawkins (1998)
Rimfire Minerals (2001)				
T-Bill, GIC	10 silts, 117 soils, 49 rocks			Awmack (2001)
Stikine Gold (2002)				
T-Bill, GIC	28 rocks	38 km 3-D IP		Sears and Mirko (2003)
Stikine Gold (2003)				
T-Bill	16 rocks		11 DDH: 2,855m	Stikine (2003)
Rimfire Minerals (2005)				
GIC	38 silts, 149 soils, 63 rocks	17 km IP; 17 km magnetics		Awmack (2005)
Rimfire Minerals & Arcus (2006)				
GIC			5 DDH: 881m	This report
Totals	63 bulk sediments, 136 silts, 2,437 soils, 490 rocks	Ground: VLF, magnetics, IP Airborne: magnetics	28 blast-trenches 31 DDH: 6759m (22,176')	

In 1976, Cominco Ltd. carried out a regional silt sampling program through the Toodoggone area, with analysis for Cu, Pb and Zn only. In 1979, roughly one-third of the sample pulps were analysed for Au and As; Cominco's Bill property was staked to cover the drainages of 10 samples exceeding 50 ppb Au (maximum values: 960 ppb Au, 2350 ppm As).

Cominco took a series of contour soil samples from the Bill claims in 1980, revealing a wide-spread Au-As soil geochemical anomaly in what is now referred to as the T-Bill Prospect (Sharp, 1981). The following year, they carried out grid soil sampling and mapping in the heart of the soil anomaly, defining an open-ended 1,400 x 1,800 metre Au-As soil geochemical anomaly with peak values of 4,620 ppb Au and 12,740 ppm As. The rock sampling and trenching returned erratic gold values to 15,800 ppb, associated with arsenopyrite-quartz veining (Sharp, 1982).

Meanwhile, Du Pont of Canada Exploration Limited had carried out a regional stream sediment survey in 1980, using field-sieved bulk samples for heavy mineral concentrate analysis. This work showed several Au anomalies on a tributary of Park Creek ("GIC Creek") lying northeast of the Bill property and on Bill Creek, which drains the southwestern portion of the Williams property. A line of contour soils upstream from the Bill Creek anomaly returned background values and no further work was done in this area (Strain, 1981). To the northeast, Du Pont staked their Park claims adjacent to Cominco's Bill property and carried out initial silt sampling and mapping in 1980. Several gossans were recognized, mainly associated with the intrusive contact between granodiorite and "chert". Several silt samples were anomalous in Au, As or Cu; most of them drained the T-Bill showings (Eccles, 1981). The following year, Du Pont expanded their Park property, filled in gaps in their silt coverage, and took reconnaissance soil samples over the entire property. Fifteen soil samples returned >100 ppb Au; five of these (termed the "Park" anomaly by Du Pont, but now forming part of the "GIC" prospect) were located around the westernmost gossan and the others were scattered over the remainder of the property. A follow-up 17-sample soil grid over the Park gossan yielded up to 1670 ppb Au, 415 ppm Cu and 104 ppm As (Drown, 1982).

In 1982, Du Pont optioned the Bill property from Cominco and conducted separate exploration programs on it and the Park claims. On the Bill property, Du Pont verified Cominco's soil geochemical anomaly by detailing the core of it with samples spaced at 20 x 50 metres. Magnetic, VLF-EM and induced polarization surveys were carried out over the same E-W grid-lines. These showed NNW-trending linear magnetic lows and VLF conductors; a chargeability high from the IP survey was unrelated to soil geochemical anomalies and ascribed to graphitic schist. The blast trenches did not reach fresh bedrock and in each case chip samples from bedrock returned lower gold values than the overlying soil samples (Copland and Drown, 1983). On their wholly-owned Park property, Du Pont blasted trenches in a prominent gossan (the "Park" gossan), reporting a 4-metre zone of massive magnetite in one of the trenches and Fe-Mn "sinter". Again, bedrock analyses from the trenching returned significantly lower Au, As and Cu values than the soils immediately above (Copland, 1982) and Du Pont allowed the Park claims to lapse.

In 1983, Du Pont extended the mag/VLF survey and drilled six holes in the >500 ppb Au portion of the T-Bill soil anomaly, four of them directed to the east across the northerly-trending VLF conductors. Core was sampled in 2-metre intervals, regardless of geological contacts. All holes intersected quartz-arsenopyrite veining with the best intervals assaying 35.0 g/tonne Au over 2.0 metres (83-2) and 11.0 g/tonne Au over 4.0 metres (83-6). With this program, Du Pont's option was vested and they formed a 50/50 joint venture on the Bill with Cominco (Forbes and Drown, 1984).

It appeared from the 1983 drilling that the east-west holes were subparallel to the bulk of veining, so the following year Du Pont and Cominco carried out a new VLF-EM survey on north-south lines and drilled seven of nine holes to the north or south. Each of their holes cut intervals with >1 g/tonne Au, with the best sections assaying 16.5 g/tonne over 2.0 metres (84-2), 24.7 g/tonne over 1.5 metres (84-5) and 24.8 g/tonne over 2.0 metres (84-8). In addition, soil sampling extended the main T-Bill Au-As soil geochemical anomaly 600 metres to the northwest in the West Bowl and revealed a new 400 x 900 metre Au-As soil anomaly in the North Cirque (Kowalchuk, 1984). A structural study by Paterson (1985) indicated that ESE-trending quartz-carbonate-arsenopyrite veining was related to but post-dated doming and subsequent carbonate alteration of a highly deformed intermediate to mafic volcanic package.

The Park gossan was re-staked in 1987 by Comox Resources Ltd. and optioned to Skylark Resources Ltd.. Skylark established a detailed 250 x 400 metre grid over the gossan for prospecting, soil geochemical and VLF-EM surveys. Soil samples returned up to 12,120 ppb Au, 1186 ppm Cu, 801 ppm As and 82 ppm Mo; the best rock sample contained 1580 ppb Au in quartz float (McAtee and Burns, 1988).

AGC Americas Gold Corp. staked the Park gossan in 1995 and carried out soil sampling over a 900 x 1000 metre grid. This survey showed the Au-Cu soil geochemical anomaly to be much larger than previously known, covering an area of 500 x 900 metres and open to the east and west (Krause, 1996). This enlarged geochemical anomaly and accompanying mineralization and geophysical anomalies is referred to in this report as the "GIC prospect". In 1997, AGC Americas and Antares Mining and Exploration Corporation participated in a joint GSC-industry airborne magnetic survey over the entire Toodoggone area, including the GIC prospect (Hawkins, 1998).

SEREM Ltd. carried out several seasons of exploration in the early 1980's on the Mountain prospect, located approximately 12 kilometres to the east of the T-Bill prospect. Initial geochemical sampling in 1980 revealed widespread anomalies with up to 1475 ppb Au and 339 ppm Cu (Vulimiri and Crawford, 1980) on the portion of their claims currently covered by the Williams property. A follow-up soil grid, essentially confined to the Mountain claim (which is surrounded by but does not form part of the current Williams property), revealed two Cu-Au geochemical anomalies. The following year, work was confined to the Mountain claim, in an unsuccessful effort to find sources for the geochemical anomalies (Crawford, 1982). In 1985, SEREM carried out VLF-EM and VLF-EM(R) surveys and detailed mapping on their Mountain claim. They concluded that the gold geochemical anomalies coincided with a "pyritic feldspar porphyry unit" (Vulimiri and Croker, 1985) and they allowed their claim to lapse. In 1997, Waymar Resources Ltd. drilled one 233.78m hole within the Mountain geochemical/geophysical anomaly (not on the current Williams property), without intersecting significant mineralization (Poloni, 1998),

Rimfire Minerals Corporation acquired the Williams (formerly Bill) property in 2001 and carried out initial prospecting, silt and soil geochemistry and core re-sampling in July of that year (Awmack, 2001). Two rock samples were taken a few hundred metres southeast of the Park gossan from pyritic and hornfelsed volcanic rock, returning 1405 ppb and 3590 ppb Au. The T-Bill soil anomaly was extended by 200 metres north-south and 500 metres east-west; screen analysis of the 1983-84 core indicated that the previous assaying may have significantly under-reported gold values.

Stikine Gold Corporation optioned the Williams property from Rimfire in 2002 and carried out a 3-D induced polarization survey over the T-Bill prospect (Sears and Mirko, 2003). The inversions from the IP data showed the area of previous drilling to be associated with an area of moderate to high resistivity and low chargeability. Limited prospecting resulted in the discovery of a highly fractured outcrop in the bank of GIC Creek with traces of molybdenite and copper oxides.

In 2003, Stikine drilled eleven holes in the vicinity of the T-Bill prospect (Stikine, 2003). Nine of these holes tested a resistivity high to the north and northeast of previous drilling, intersecting short sections grading 0.5-3.2 g/tonne Au. One hole was drilled in the cirque to the north of the T-Bill prospect without success. The eleventh hole was drilled in the heart of the previous drilling, cutting several gold-bearing intervals, including 6.92 metres grading 6.0 g/tonne Au; it confirmed that the T-Bill veining strikes northwesterly and dips steeply. No information except assay data is available for 16 rock samples taken in 2003, including one with 0.19% Mo, but sample flags for two of these (127003 and 127004) were located in GIC Creek.

The Stikine option was dropped and in 2005, Rimfire carried out limited mapping and geochemical sampling in three areas of the Williams property to follow up unexplored silt anomalies and to determine the significance of the GIC prospect (Awmack, 2005). This was followed up with 17.15 line-kilometres of pole-dipole induced polarization (IP) and magnetic surveying along ten cut north-south lines spaced 200-300 metres apart over the GIC prospect. The IP survey revealed a 600 x 1,800 metre zone of high chargeability and moderate to high resistivity which lies along the southern edge of the GIC Cu soil geochemical anomaly and is covered by thick vegetation.

4.2 2006 Exploration Program

In 2006, Rimfire granted Arcus Development Group Inc. an option on the Williams property and a diamond drilling program was initiated in September. The drilling was carried out from the outfitter's camp at the Highland Post airstrip, using various wheeled planes for support. Helicopter access to the property was provided by a Hughes 500D on contract from Prism Helicopters. The drilling was ably performed by Falcon Drilling of Prince George, using a heli-flyable F-1000 drill and BTW tools. A magnetic declination of 22° 30'E was used for all compass measurements. All maps and UTMs are referenced to the 1983 North American Datum (NAD-83).

Five holes, totalling 881.2 metres of BTW core, were drilled from four sites on two sections across the GIC chargeability anomaly. The core was logged on site a few hundred metres south of the drilling, sawn, and sampled, with one half of the core sent for assay and the other half stored on site. Geotechnical logging included measurements of core recovery, RQD and magnetic susceptibility.

All samples were analyzed by ALS Chemex Labs of North Vancouver for Au and 34-element ICP, using an aqua regia digestion (Appendix D). Pulp assays were carried out for geochemical values of >1000 ppb Au. Where available, the assays were used for plotting and calculations. The procedures, results and conclusions of the sampling quality control/quality assurance program are summarized in Appendix E.

5.0 REGIONAL GEOLOGY

The Williams property lies near the eastern edge of the Intermontane Belt in a fault mosaic of: Devonian to Permian Asitka Group carbonates and volcano-sedimentary rocks; the Carboniferous to Lower Triassic Cache Creek oceanic assemblage, including the Kutcho Formation; Triassic Stuhini and Takla volcano-sedimentary rocks; Lower Jurassic Toodoggone (subaerial) and undifferentiated Hazelton volcanic rocks and Laberge Group volcanic and epiclastic rocks (Figure 3). No BCGS or GSC regional mapping has been done in the Williams area since Thorstad (1980).

Thorstad (1980) divided the Asitka Group rocks into five stratigraphic units in the vicinity of the Williams property. From oldest to youngest, these are: (1) feldspathic chlorite schist; (2) phyllite, sericite and calcareous sericite schist; (3) massive rhyolite, chert and sericite schist; (4) carbonate; and (5) upper feldspathic, chlorite schist. Dolomitic members from the middle of the sequence contain Mississippian crinoids. The Asitka Group rocks show evidence of two phases of pre-Jurassic penetrative deformation: primary layering is transposed to parallelism with a penetrative foliation, then overprinted by folding and a less penetrative foliation. Thorstad (1980) noted two predominant fold axis trends: one at 150° to 200°, associated with moderate to steeply west-dipping foliations; the other at 090° to 130° with shallow to moderately south-dipping foliations.

The Upper Triassic Takla Group is dominated by coarse augite-phyric basalt, finer aphyric basaltic andesite flows with lapilli tuff interbeds and volcanic breccia (Diakow et al, 1993).

The stratified rocks are intruded by a variety of Late Triassic and Early Jurassic stocks and batholiths of felsic to ultramafic composition. Most of the Early Jurassic quartz monzonites, granodiorites and quartz diorites are marked by a distinctive magnetic high; in particular, this applies to the quartz monzonite intrusive in the northeastern part of the Williams property. The quartz monzonite stock exposed on the southern part of the Williams property is the exception to this rule; it is characterized by a distinctive magnetic low almost ten kilometres across.

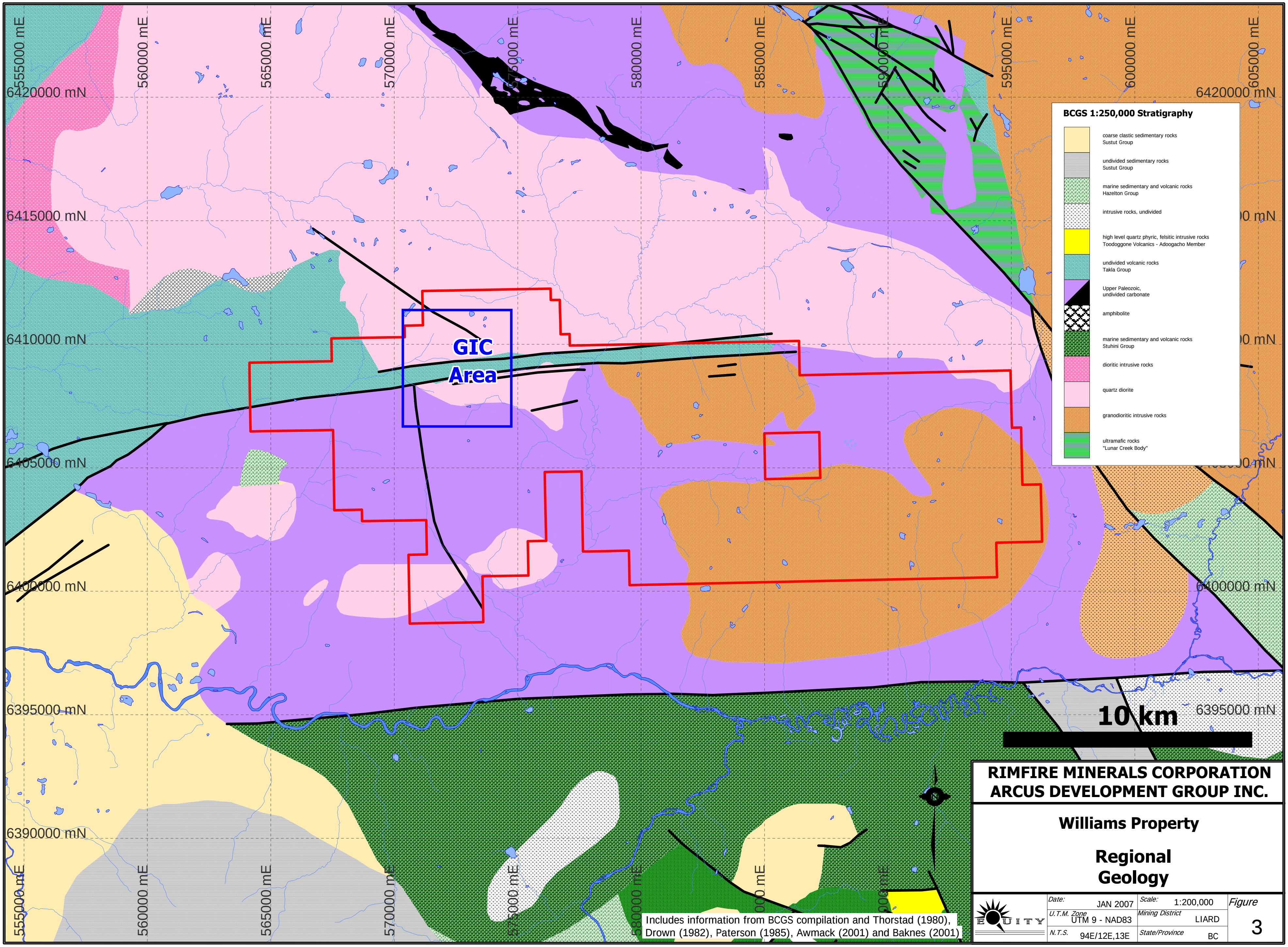
The Pitman Fault is a major E-W fault which passes 30 kilometres north of the Williams property. Alldrick (2000), who traced the Pitman Fault for 300 kilometres, states that there is 3 kilometres of left-lateral movement along it with minimal vertical offset, and that movement occurred during Eocene to Oligocene time. He characterizes it as an antithetic fault associated with the continental-scale displacement along the Northern Rocky Mountain Trench and notes that it is accompanied by subparallel faults of similar orientation, attitude and offset.

6.0 PROPERTY GEOLOGY

No mapping was done on the Williams property in 2006. The geological summary below and presented in Figure 4 have been compiled from Thorstad (1980), Drown (1982), Paterson (1985) and Awmack (2001, 2005). Air photo lineaments are from a study by Mark Baknes (pers. comm., 2001).

6.1 Lithology and Structure

The Williams property can be divided in two by a major WNW-trending fault roughly coinciding with GIC Creek (the “Grass Fault”). The 2005 geophysical survey indicated that the Grass Fault probably consists of two strands, at least in the vicinity of the GIC prospect. The Grass Fault is responsible for several thousand metres of apparent vertical displacement, juxtaposing deformed phyllites and schists of the Devonian-Permian Asitka Group to the south against undeformed Upper Triassic Takla Group volcanic rocks to the north.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6415000 mN
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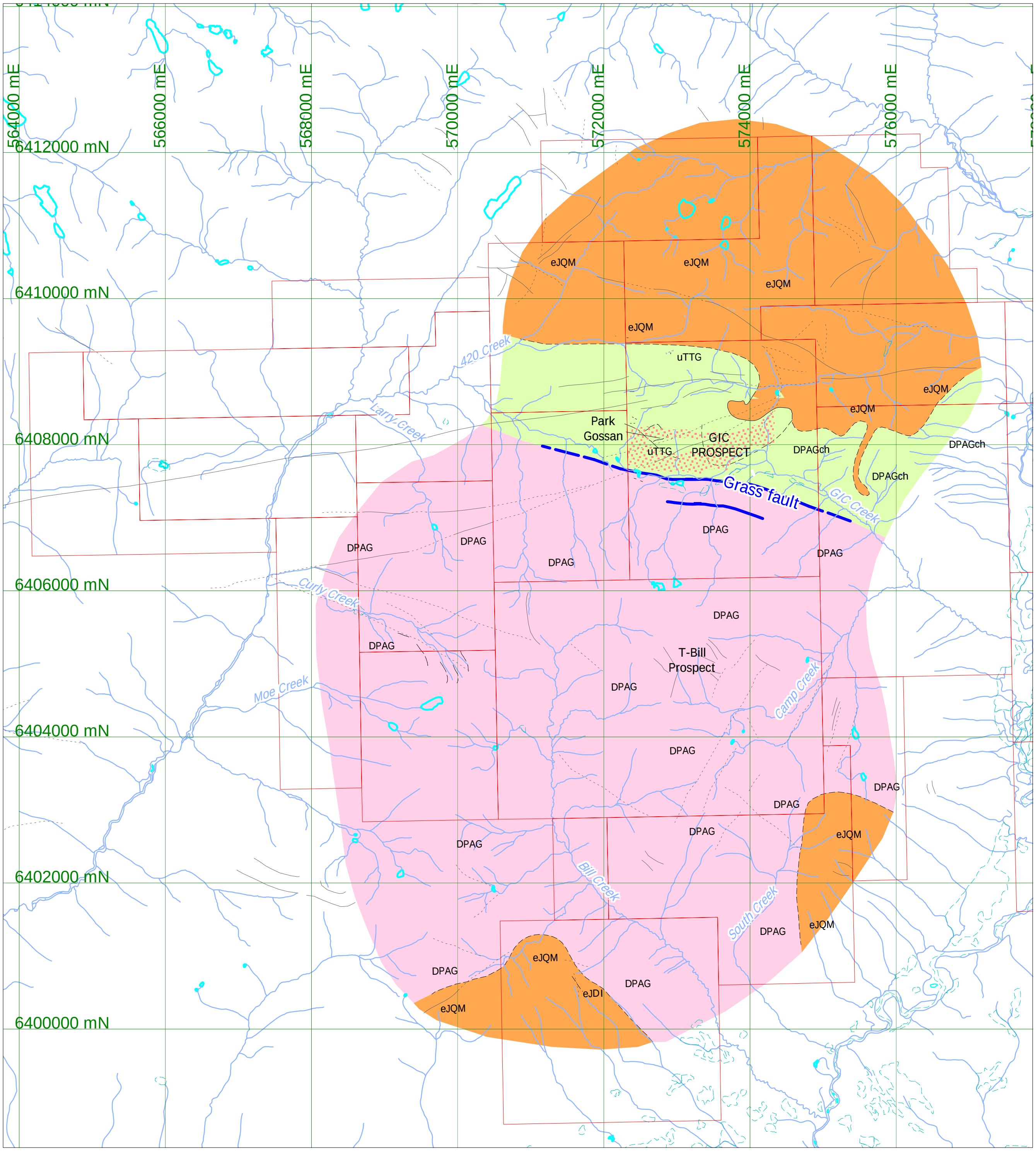
GIC Area
10 km
BCGS 1:250,000 Stratigraphy
coarse clastic sedimentary rocks Sustut Group
undivided sedimentary rocks Sustut Group
marine sedimentary and volcanic rocks Hazelton Group
intrusive rocks, undivided
high level quartz phyric, felsitic intrusive rocks Toodoggone Volcanics - Adoogacho Member
undivided volcanic rocks Takla Group
Upper Paleozoic, undivided carbonate
amphibolite
marine sedimentary and volcanic rocks Stuhini Group
dioritic intrusive rocks
quartz diorite
granodioritic intrusive rocks
ultramafic rocks "Lunar Creek Body"
Includes information from BCGS compilation and Thorstad (1980), Drown (1982), Paterson (1985), Awmack (2001) and Baknes (2001)
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.
Williams Property
Regional Geology
Date: JAN 2007
Scale: 1:200,000
Figure 3
U.T.M. Zone UTM 9 - NAD83
Mining District LIARD
N.T.S. 94E/12E,13E
State/Province BC



GIC Chargeability Anomaly

Inferred Lineament

Known Lineament

Claim Boundary

Geological Contact

Fault (approx, inferred)

Carbonate-muscovite-quartz alteration

Foliation

LITHOLOGIES

EARLY JURASSIC

eJQM	Quartz monzonite to granite

UPPER TRIASSIC

uTTG	Takla Group: Aphyric to feldspar-phyric volcanics and volcaniclastics

DEVONIAN TO PERMIAN

DPAG	Asitka Group: Schists and phyllites derived from intermediate volcanics and sedimentary rocks
DPAGch	Asitka Group: Chert

Includes information from Thorstad (1980), Drown (1982), Paterson (1985), Awmack (2001) and Baknes (2001)

N

4 km

RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.

Williams Property

Property Geology

Date: JAN 2007	Scale: 1:80,000	Figure	
U.T.M. Zone: UTM 9 - NAD83	Mining District: LIARD		
N.T.S. 94E/12E,13E	State/Province: BC	4	

The Asitka Group schists (**Unit DPAG** - Figure 4), south of the Grass Fault, have been penetratively deformed; primary textures and protoliths are not generally obvious. Paterson (1985) divided the Asitka Group schists into three stratigraphic units in the vicinity of the T-Bill prospect, without discerning age relationships. His "lower volcanic" unit is composed of calcareous chlorite schist, chlorite-muscovite-feldspar schist and sericitic quartzite. Paterson believed the lower volcanic unit to be derived from at least 1500 metres of intermediate tuffaceous volcaniclastics and cherts. His "middle sedimentary" unit is composed of buff-weathering limestone, argillaceous phyllite, graphite schist and calcareous greywacke. His "upper volcanic" unit consists of a sequence of chlorite schists and quartz-chlorite-feldspar schists; it has undergone extensive carbonatization and sericitization and hosts the quartz-arsenopyrite veining at the T-Bill prospect. Paterson interprets the upper volcanic unit to be a sequence of andesitic to rhyolitic tuffs and volcaniclastics with lesser mafic volcanics. In the vicinity of the T-Bill prospect, Paterson recognized Thorstad's (1980) two phases of Triassic(?) penetrative deformation and a Mesozoic or Tertiary kinking. The kink folding accompanied a northeasterly-elongated doming of the foliation, centred on the T-Bill prospect.

North of the Grass Fault, unfoliated, massive to tuffaceous andesite and basalt have been tentatively assigned to the Upper Triassic Takla Group (**Unit uTTG** - Figure 4). In the immediate vicinity of the Park gossan, these are represented by siliceous tuffs. A crowded feldspar porphyry intrusive(?) is exposed along the north edge of the Park gossan and in a small outcrop on the south bank of GIC Creek. Further east, Drown (1982) reported dark grey chert of the Asitka Group (**Unit DPAGch** - Figure 4) with lesser tuffaceous sediments and andesitic volcanics, but no recent mapping has been done to confirm this.

An irregular body of porphyritic to equigranular, fine- to medium-grained, quartz monzonite (**Unit eJQM** - Figure 4) intrudes Takla Group andesitic volcanic rocks on the ridge north of GIC Creek (Figure 5). The quartz monzonite is unaltered or weakly chloritized and contains 2-5% disseminated magnetite. This pluton was mapped over an area of 250 x 700 metres in 2005, but Drown's (1982) mapping extended it at least three kilometres to the east. To the north, most of the 420 Creek drainage is underlain by a similar quartz monzonite to granite stock. It is medium-grained, equigranular to porphyritic and contains 1-3% disseminated magnetite, appearing texturally and compositionally similar to the quartz monzonite body in the GIC area. No dating has been carried out on any of the intrusives or volcanic rocks on the Williams property and all ages are a matter of conjecture.

6.2 Alteration and Mineralization

The Williams property hosts two main styles of alteration and mineralization: gold-bearing orogenic arsenopyrite-bearing veins and disseminations (T-Bill prospect); and Cu-Au-Mo porphyry-style mineralization (GIC prospect).

6.2.1 T-Bill Prospect

Asitka Group chlorite schists at the headwaters of Camp Creek have been extensively altered to muscovite-carbonate-quartz schists over a northeasterly-trending area of 1,200 x 2,300 metres (Figure 4). On a large scale, this alteration appears mainly controlled by foliation (S_1) and by steeply-dipping NE-SW structures, and is largely confined to the core of the structural dome. In detail, the muscovite-carbonate-quartz alteration follows joints, fractures and foliation planes; it appears to pre-date Au deposition from an evolving hydrothermal fluid. Cominco dated the alteration at 136$\pm$5 Ma (Early Cretaceous), using K-Ar methods on muscovite from 110 metres depth in hole 84-1.

Paterson (1985) recognized three styles of Au mineralization at the T-Bill Prospect, spread over an area of 1,800 x 2,400 metres which roughly coincides with the muscovite-carbonate-quartz alteration:

- Disseminated and vein pyrite-arsenopyrite in carbonatized rock adjacent to mineralized veins (e.g. Showing D): Up to 20% sulphides in quartz-carbonate-muscovite schist is accompanied by <1 g/tonne Au;

- Brecciated quartz veins or carbonatized rock associated with movement on faults or joints (e.g. Showings A, F): The breccias are related to post-carbonatization and pre-mineralization faulting. The breccia matrix is composed of quartz-arsenopyrite-pyrite-carbonate±chalcopyrite; Au values are moderate.

- Quartz-carbonate-arsenopyrite-pyrite veins: These are responsible for all high-grade surface and core assays. They are planar tension veins, 0.2-30 centimetres wide, and occur in swarms. They commonly cross-cut foliation and are present in both chlorite schist and muscovite-carbonate-quartz alteration; in the chlorite schist they are enclosed by narrow bleached or carbonate-pyrite alteration envelopes. Although some of these veins lie outside of the pervasive carbonate-muscovite alteration, their distribution is broadly coincident with that alteration. Based on a study of vein orientations relative to foliation in drill core, Paterson (1985) calculated that most of these veins strike 100-120° and dip 60-90° to the north. Foliation-parallel shearing locally offsets veining. Visible Au is present in higher-grade veins, some of which exceed 100 g/tonne Au.

Most of the mineralization in the T-Bill prospect is characterized by elevated Au and As and background levels of Ag, Cu, Pb, Sb and Zn. The Au:Ag ratio is 1:1 or higher and the As:Sb ratio is commonly >100:1. However, on the periphery of the T-Bill prospect, Showing C (at the northern extremity) and Showings H, J and K (at the southern extremity) indicate the possibility of zonation from the Au-As core outwards to mineralization with much higher Ag (Showings C and K), Ba (Showing J), Pb (Showing C), Sb (Showings C and K) and Zn (Showings C, H and K) contents.

6.2.2 GIC Prospect

The GIC Prospect is a geochemical/geophysical anomaly with associated Cu-Au-Mo mineralization, located on the ridge north of GIC Creek (Figure 4). The Park gossan is an intense goethite-jarosite gossan developed along the contact between a crowded feldspar porphyry intrusion and andesitic tuff. Within a few tens of metres of the contact, the tuff is intensely silicified and has boxwork developed after sulphides. Locally, the silicification is frothy, with drusy quartz lining some of the abundant voids. Float taken in 2001 from the strongest silicification returned up to 2960 ppb Au. A weaker gossan extends a few tens of metres into the porphyry, with little silicification or sulphides.

A more subtle gossan is associated with small outcrops and talus patches in openings near the 1600 metre elevation from 400 to 800 metres east of the Park gossan. These rocks are weakly to moderately chloritized, sericitized and silicified, with abundant goethite after pyrite. Five samples, taken over 400 metres from this type of material in 2001, 2002 and 2005, returned 1280 to 4740 ppb Au. Mineralization sampled on the ridge north of GIC Creek is accompanied by elevated Cu and Mo (max. 1045 ppm Cu, 867 ppm Mo), variable As and generally low Pb, Sb and Zn levels. Mineralization sampled to date lies within a 500 x 1,400 metre Cu-Au soil anomaly, which remains open to the west and which is covered by till to the south and east.

Four patches of rusty soil are exposed over 85 metres in the southern bank of GIC Creek, a few tens of metres north of the Grass Fault. These patches are expressions of extremely fractured bedrock, in which no fragment is larger than 1-3 centimetres. Three of the patches consist of strongly sericitized andesite; the fourth is of strongly sericitized crowded feldspar porphyry, texturally similar to that exposed at the Park gossan. Primary sulphides are rare, due to the extreme fracturing, but a few specks of chalcopyrite, pyrite, molybdenite, magnetite and specularite were noted. Malachite, neotocite and rare native copper are locally present on fractures, along with more abundant goethite and hematite. The four samples taken from these patches in 2005 returned 821-2200 ppm Cu, 29-220 ppb Au and 7-22 ppm Mo, with extremely low Pb, Zn, As and Sb levels. A continuous chip sample (271729) gave 2200 ppm Cu and 220 ppb Au along 3.73 metres, limited only by the extent of exposed outcrop. An undocumented sample (127006), thought to be taken from this area in 2003, assayed 0.186% Mo.

7.0 DIAMOND DRILLING

Five holes were drilled along two sections of the GIC prospect in 2006 (Figure 5). Collar locations and survey information are provided in Table 3 and drill logs in Appendix C. Intervals of geochemically significant mineralization are summarized in Table 4.

Table 3: 2006 Diamond Drilling Data

Drill Hole	Zone	Collar Coordinates			Azimuth	Inclination	Length (m)
		Northing	Easting	Elev. (m)			
WM06-1	GIC	6407477	573532	1509	360	-50	147.8
WM06-2	GIC	6407709	573550	1502	360	-50	166.7
WM06-3	GIC	6407967	574288	1476	360	-50	17.7
WM06-4	GIC	6407967	574288	1476	360	-65	272.5
WM06-5	GIC	6408169	574284	1534	360	-55	276.5
						Total	**881.2**

Table 4: GIC Drill Intersections

Drill hole	From (m)	To (m)	Interval (m)	Au (g/t)	Cu (ppm)	Mo (ppm)
WM06-1	23.5	32.6	9.1	0.634	95	95
	119.5	124	4.5	2.78		
WM06-4	61.7	63.1	1.4	0.066	1995	37
	183.5	187.2	3.7	432	58	56
incl.	185.3	185.8	0.5	2.31	118	238
WM06-5	175.9	182	6.1	0.037	973	30

7.1 Drill Hole WM06-1

Drill hole WM06-1 was located east of grid line 8800E and is the first hole of a two hole fence designed to test a high chargeability, high resistivity IP anomaly (Figures 6a, 6b). This drill hole was also oriented to undercut a strongly anomalous chip sample (271729) on the south side of GIC Creek approximately 100 metres north of the hole collar. The drill hole intersected strongly fractured and faulted rock, likely due to the proximity to the bounding Grass Fault which separates the Takla Group volcanic rocks to the north from the Asitka Group schists and phyllites to the south. Intermediate andesitic(?) volcanic rocks encountered over the entire drill hole were variably altered from dominantly weakly chloritic to weak to moderate silica-sericite with minor intervals of hematite alteration. Mineralization encountered was generally weak. The hole was terminated early due to drilling problems resulting from extremely fractured ground.

7.2 Drill Hole WM06-2

Drill hole WM06-2 was the second hole in the fence of holes along line 8800E to test the chargeability/resistivity anomaly (Figures 6a, 6b). Andesite flow and volcaniclastic rocks and minor monzonite intrusive rocks were cored. The hole can be divided into an upper section of dominantly chlorite-altered volcanic rocks and a middle section of moderate to strong silica, sericite, (possibly albite), hematite, and patchy potassic (potassic feldspar) alteration and a lower section of patchy silica, sericite and potassic alteration. Pyrite mineralization is estimated at 5% over the entire length of the hole with trace molybdenum and rare chalcopyrite. The higher chargeability observed in the IP pseudosections is likely due to the increased pyrite observed in the core. The hole did not reach its designed depth as ground conditions forced curtailment of the hole.

7.3 Drill Hole WM06-3

Drill hole WM06-3 was drilled on line 9800E as part of a two hole fence of holes to test the south flank of the chargeability/resistivity anomaly. The drill hole encountered 17.7 metres of overburden before being abandoned.

7.4 Drill Hole WM06-4

Drill hole WM06-4 was drilled on line 9800E at the same location as aborted hole WM06-3, but with a steeper inclination (Figures 7a, 7b). The drill hole encountered strongly magnetic chlorite- and magnetite-rich volcanic rocks in the upper part of the hole. A sharp change in alteration to strong silica, or possibly albite, with zones of sericite and potassic alteration were encountered below 165.3m for the remainder of the hole. The strong silica (albite?) alteration with very negligible sulphides is interpreted to be the high resistivity/low chargeability observed in the IP pseudosection and inversion. The hole remained outside of the high chargeability as observed by the significant lack of sulphides in the core. Very minor pyrite mineralization and trace amounts of molybdenite and chalcopyrite were observed.

7.5 Drill Hole WM06-5

Drill hole WM06-5 was drilled north of holes WM06-3 and WM06-4 to complete a two hole fence on section 9800E (Figures 7a, 7b). The hole was targeted at the core of the high chargeability anomaly. Pyrite content throughout the hole was estimated at 5% with 5-7% pyrite from 14.3 to 77.7 metres and an increase in pyrite to 10% from 77.7 to 94.6 metres. This correlates well with the strong chargeability on the 9800E IP pseudosection. Trace chalcopyrite was noted throughout the entire hole while very minor molybdenite was noted at the top of the drill hole.

8.0 DISCUSSION AND CONCLUSIONS

The Williams property hosts two gold-bearing prospects with economic potential: the T-Bill orogenic Au-As vein prospect and the GIC Cu-Au-Mo porphyry prospect. At the T-Bill prospect, 26 core holes have been drilled within a 2 x 3 kilometre Au-As soil geochemical anomaly, returning core intercepts of 2.0 metres @ 24.8 g/tonne Au and 2.0 metres @ 35.0 g/tonne Au. Interpretation between holes within the T-Bill prospect is made difficult by the lack of surface exposure, but it now appears that most veins trend northwesterly and dip steeply. The area of veining remains open in every direction except the north and northeast. No work was done in 2006 on the T-Bill prospect, which will require extensive drilling to properly test its potential.

The GIC porphyry prospect is located three kilometres north of the T-Bill prospect on the north side of the major WNW-trending Grass Fault, which separates Paleozoic Asitka Group schists and phyllites to the south from Upper Triassic Takla Group volcanic rocks to the north. A 500 x 1,400 metre Cu soil geochemical anomaly, enclosing two discrete 300 x 500-750 metre Au soil subanomalies, is draped along a south-facing ridge which lies immediately north of the Grass Fault. The Cu soil anomaly remains open to the west; to the south and east, it is truncated by overlying glacial till. A 2005 IP survey revealed a 600 x 1,800 metre zone of high chargeability and moderate to high resistivity which parallels the Cu soil geochemical anomaly and is covered by thick vegetation. This IP anomaly coincides with the southern edge of the soil geochemical anomalies and extends further south and east under glacial till. It also extends west beyond the limits of the soil geochemical anomaly and sampling. A 2005 silt sample from a groundwater-derived stream draining the eastern end of the IP anomaly, beyond the soil geochemical anomaly, contained 1620 ppm Cu. This sample, with the highest Cu value from the 232 silts reported from the Williams property, indicates the presence of Cu-bearing mineralization at the eastern end of the IP anomaly which is not reflected in soil geochemistry.

Very little outcrop is exposed within the IP chargeability/resistivity anomaly. Several Au-bearing rock samples have been taken from within the Cu-Au soil geochemical anomaly on the northern edge of the IP anomaly. The rocks are weakly to moderately chloritized, sericitized and silicified andesites with abundant pyrite and goethite; six samples contained 1280 to 4740 ppb Au, with 84-1045 ppm Cu. On the southern flank of the IP anomaly, a few outcrops are exposed over 85 metres in the south bank of GIC Creek. These outcrops consist of strongly sericitized andesite and crowded feldspar porphyry, with disseminated chalcopyrite, pyrite, molybdenite, magnetite and specularite on fresh surfaces and iron and copper secondary minerals on fractures; a 3.73 metre chip sample returned 2200 ppm Cu and 220 ppb Au. No outcrop is exposed over the core of the IP anomaly.

The highly fractured nature of the mineralized outcrops in GIC Creek and core in drill hole WM06-01 is probably due to the northern strand of the Grass Fault, which is inferred from the IP to lie a few tens of metres to the south. The timing of this fault is not known. If it predates the GIC porphyry system, it could have controlled localization of intrusions and/or hydrothermal cells; certainly the IP and soil geochemical anomalies are elongated in an east-west direction along the north side of the fault. To the west, the Grass Fault is marked by a broad, till-covered valley for at least four kilometres to the western edge of the Williams property, where no exploration has been done.

The 2006 drill program in the GIC area focused on two north-south sections approximately 750 metres apart on the east-central and eastern end of the chargeability/resistivity IP anomaly. The results of the drilling show significant intervals of strong silica-sericite +/- albite alteration as well as minor hematite and potassic feldspar alteration. Sulphide minerals are primarily pyrite with minor amounts of chalcopyrite and molybdenite. Although drilling yielded no potentially economic intersections, geochemically anomalous gold, copper and molybdenum values were encountered in all the cored holes. The high chargeability anomaly can be explained by the intersections of 5-10% pyrite in drill holes WM06-2 and WM06-5. The lower chargeability in hole WM06-1 is likely due to both the lower sulphide content as well as the high degree of faulting and fracturing throughout the hole which produced intense limonitic gouge zones. The sulphides in the gouge and fractured zones have been partially oxidized which would likely lessen the chargeability affect. Hole WM06-4 was drilled to intersect the high resistivity on the south flank of the chargeability anomaly. The drill intersected intense silica-sericite (+/-albite?) alteration, minor potassic feldspar alteration with negligible sulphides consistent with the high resistivity and lower chargeability from the IP survey.

The alteration observed in GIC core is typical of porphyry systems. Chlorite and possibly hydrothermal magnetite and possibly retrograde hematite alteration with minor hematite breccias grade rapidly into silica-sericite+/-albite altered rocks which display minor, patchy potassic feldspar alteration. This style of alteration as well as the strong pyrite-dominant sulphides with associated trace copper, gold and molybdenum mineralization suggest that the limited area investigated is within a hydrothermal system and possibly in the pyritic halo of a larger porphyry system. The proximity to the regional Grass fault, which may be a controlling structure to the mineralization, the open ended chargeability/resistivity anomaly, magnetic data which suggest a buried intrusion and the strong alteration observed in core are all indicators which justify further exploration along this trend.

Respectfully submitted,

PROFESSIONAL PROVINCE OF J. LEHTINEN BRITISH COLUMBIA GEOSCIENTIST

Jim Lehtinen, P.Geo.

EQUITY ENGINEERING LTD.

Vancouver, British Columbia

January 26, 2007

Appendix A: Bibliography

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Appendix B: Statement of Expenditures

STATEMENT OF EXPENDITURES
Williams property
August 31 – October 3, 2006

PROFESSIONAL FEES AND WAGES:				
Henry Awmack, P.Eng.				
	1.76 days @	$575/day	$ 1,012.00	
Darlene Boyle, Cook				
	33.00 days @	$400/day	13,200.00	
Stewart Harris, P.Geo.				
	0.19 days @	$575/day	109.25	
Rory Kutluoglu, Geologist				
	36.33 days @	$475/day	17,256.75	
Jim Lehtinen, P.Geo.				
	37.88 days @	$575/day	21,781.00	
Roberta Ward, First Aid Attendant				
	28.00 days @	$400/day	11,200.00	
Scott Parker, GIS/Logistics				
	17.00 hours @	$60/hour	1,020.00	
Neil Visser, Logistics				
	6.00 hours @	$60/hour	360.00	$ 65,939.00
EQUIPMENT RENTALS				
Generator (5kVA)				
	32 days @	$25/day	$ 800.00	
Generator (1kVA)				
	26 days @	$15/day	390.00	
Truck Rental Insurance				
	34 days @	$10/day	340.00	
Field Camp				
	182 mandays @	$15/manday	2,730.00	
Core Saw				
	32 days @	$25/day	800.00	
Chainsaw				
	32 days @	$15/day	480.00	
Field Computers				
	64 days @	$40/day	2,560.00	
Satellite Phone				
	5 weeks @	$62.50/week	312.50	
	807 minutes @	$1.69/min	1,363.83	
First Aid Equipment (Level III)				
	32 days @	$30/day	960.00	10,736.33
EXPENSES:				
Chemical Analyses			$ 10,810.27	
Field Consumables			(68.98)	
Materials and Supplies			6,512.66	
Plot Charges			110.37	
Printing and Reproductions			51.70	
Camp Food			5,851.12	
Meals			219.57	

Accommodation	21,129.45	
Taxis and Airporters	61.32	
Truck Rental (non-Equity)	2,031.12	
Automotive Fuel	183.53	
Aircraft Charters	34,538.55	
Helicopter Charters	111,899.10	
Airfare	1,705.35	
Telephone Distance Charges	100.39	
Courier	148.56	
Freight	6,883.70	
Bulk Fuel	30,294.85	
Drum Deposits	3,902.50	
Radio Rental (non-Equity)	559.18	
Geophysical Equipment Rental (non-Equity)	460.00	
Other Equipment Rental (non-Equity)	150.00	
Drilling: Mob/Demob	19,737.19	
Drilling: Footage	86,357.17	
Drilling: Materials	17,103.91	
Drilling: Standby/Moves/Travel	8,460.00	
Expediting	7,174.07	
Report (estimated)	5,000.00	381,366.65
SUB-TOTAL:		$ 458,041.98
PROJECT SUPERVISION CHARGES:		
12% on first $100,000	$ 12,000.00	
10% on balance: ($358,041.98)	35,804.20	47,804.20
SUB-TOTAL:		$ 505,846.18
GST: 6% on sub-total		30,350.77
TOTAL:		**$ 536,196.95**

Appendix C: Drill Logs

DRILL LOG

Project: WIlliams	**Collar Elevation (m):** 1509.0
Hole WM06-1	**Azimuth (º):** 360
Location: 6407477 m North 573532 m East	**Dip (º):** -50.0
Logged by: J Lehtinen	**Length (m):** 147.80
Drilled by: Falcon Drilling	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: BTW	
Date Started: 2006/09/04 **Date Completed:** 2006/09/09	
Dip Tests By: none	
Objective	

Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
0.00	-65.00	0.00

Project: Williams_06 **Hole Number:** WM06-1

From	To	Rocktype	& Description

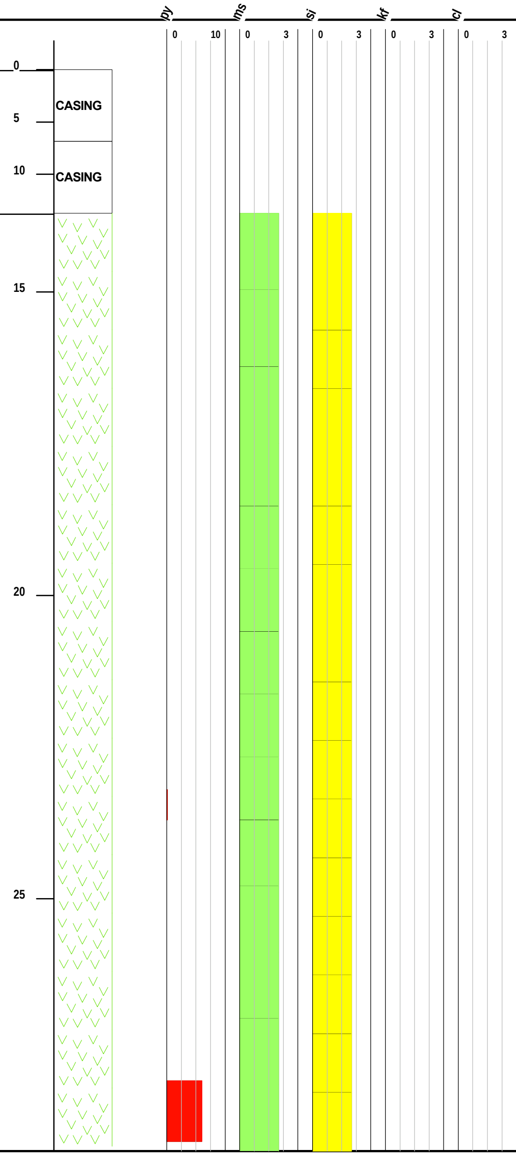
0.00 13.70 Casing

Dominantly sand with boulders of granodiorite, pebbly sandstone, quartz sericite schist. Bottom 50 cm likely bedrock of strong silica-sericite altered volcanic(?).

13.70 43.50 Andesite

Extremely fractured core. Generally pale green with light orange brown patches related to silica, sericite and hematite alteration. Early silica pyrite veins and zones with later specularite filled fractures and specularite vein breccias common throughout, all generally less than 10 cm width. Later cut by narrow quartz calcite stringers. Late clay altered fault and fracture zones. Limonitic clayey zones.

« Weak specularite, minor pyrite »
« Variable pyrite disseminated 3%»
« clayey faults in brecciated volcanics »
« hematite in matrix 5%»
« Limonite 1.00*»
« Silicification 2.00*»
« Sericite 2.00*»
« Hematite 2.00%»
« 13.70- 14.90 silica, sericite moderate, with minor chloritic fractures »
« 14.90- 17.50 grey specularite altered volcaniclastic? specularite in matrix 5%»
« 17.50- 23.70 Moderate to strong silica sericite extremely fractured »
< @ 17.80 hematite pyrite stringers >
< @ 21.30 trace moly along silica pyrite stringers. Late chlorite fractures >
« 23.20- 23.70 Hematite stockwork zone with pyrite 4mm stringers »
« 23.70- 25.20 strong clay alteration with limonite »
< @ 24.00 clay gouge >
< @ 25.00 Fault plane 25° >
« 25.20- 26.80 volcaniclastic with fragments to 2 cm Volcaniclastic - Intermediate »
< @ 26.80 faulted basal contact 30° >
« 25.20- 28.50 Hematite stringers to 4mm and vein breccia 5-7%»
< @ 27.60 hematite vein and fracture 5° >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
13.00	13.70	0.70	442001	21	18	28
13.74	14.90	1.16	442002	8	27	49
14.90	17.50	2.60	442003	17	37	27
17.50	19.00	1.50	442004	8	20	80
19.00	20.40	1.40	442005	6	18	96
20.40	21.90	1.50	442006	11	23	231
21.90	23.50	1.60	442007	17	39	52
23.50	25.20	1.70	442008	164	48	70
25.20	28.10	2.90	442009	703	61	49
28.10	29.60	1.50	442011	1835	235	54
29.60	31.10	1.50	442012	92	33	61
31.10	32.60	1.50	442013	373	136	65
32.60	34.10	1.50	442014	28	18	223
34.10	35.70	1.60	442016	18	15	165
35.70	37.00	1.30	442017	27	29	50
37.00	38.10	1.10	442018	8	309	30
38.10	39.60	1.50	442019	6	109	11
39.60	41.10	1.50	442020	12	85	34
41.10	43.50	2.40	442021	12	149	20

Project: Williams_06 **Hole Number:** WM06-1

From	To	Rocktype & Description
		« 28.00- 29.00 strongly broken and limonitic »
		« pyrite dominantly with siliceous core fragments 3-7%»
		« 29.60- 30.70 moderate to strong silica sericite strong fracture set »
		« 30.40- 30.70 specularite stringers 15%»
		« pyrite disseminated 3%»< @ 30.70 plane fault 55° >
		« 30.70- 31.10 Broken, clayey, pyritic fault »
		< @ 30.70 fault clayey gouge 55° >
		< @ 31.10 fault plane 35° >
		« 31.10- 31.70 Silicification 2.00-3.00*»
		« Sericite 2.00-3.00*» Moderate to strong silica sericite alteration
		« Pyrite 3.00%» « Specularite 3.00%» weak pyrite with specularite stringers
		« 31.70- 32.90 Silica altered fragments in chloritic matrix breccia. »
		« 32.90- 36.30 Intense silica sericite Strongly broken. Chloritic fractures. » « Silicification 4.00*» « Sericite 4.00*» « Chlorite 2.00-3.00*»
		« pyrite quartz veining with silica alteration envelopes 3-5°»
		« 32.90- 36.30 Silicification 2.00*»
		« moly with silica pyrite along fractures Trace » « Molybdenite 0.10%» « Pyrite 0.10%» « Silicification 2.00*»
		« 36.30- 37.00 Clayey,rubbly core Fault? 60°»
		« 37.00- 43.40 Variable weak to moderate sericite silica alteration »
		« 37.00- 43.40 Sericite 1.00-2.00*» « Silicification 1.00-2.00*»
		« 37.00- 43.40 weak quartz calcite stringering »
		« 38.70- 39.40 weak specularite stringer zone with minor chlorite stringers. »
		« Sericite 2.00*» « Silicification 2.00*»
		« weak specularite stringering and diss. pyrite »
		« 43.00- 43.50 Strongly pyritic rubble 10%»
43.50	141.60	Andesite
		Lithologically similar to previous unit, but divided on alteration properties. Contact is a rubbly zone with mixed alteration and fragments of specularite vein breccia. Complete interval is strongly broken and is medium-grained to light green-grey generally weakly chloritic altered, with lighter zones of silica-sericite alteration with or without quartz stringers and/or veining. Lesser zones of weak to moderate hematite alteration and specularite stringering. Minor, late quartz and minor calcite stringers. Overall 1-3% pyrite, trace chalcopyrite in chloritic, quartz-calcite stringered sections.

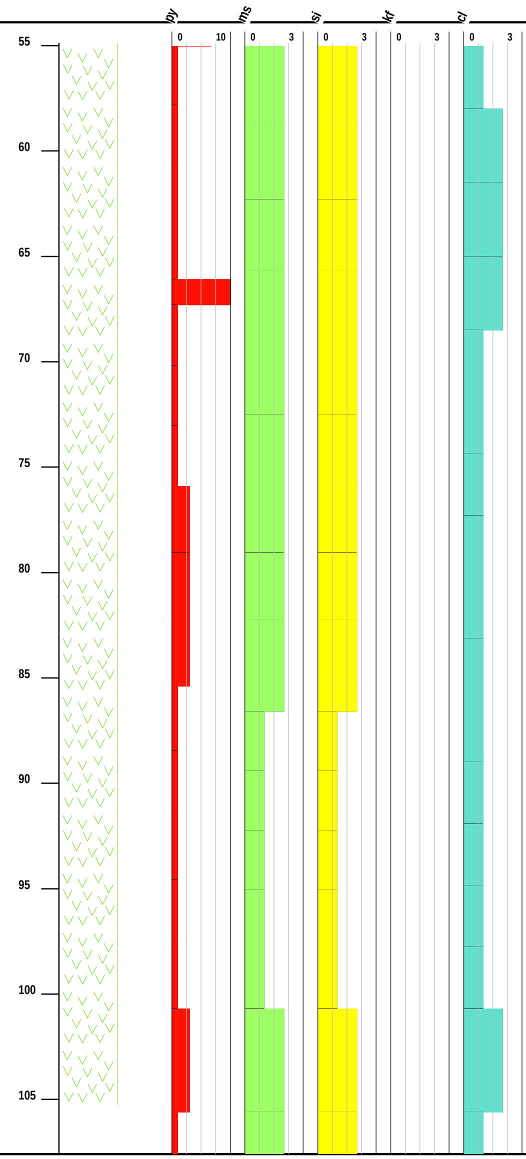
From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
43.50	44.30	0.80	442022	8	177	17
44.30	46.20	1.90	442023	8	393	13
46.20	47.90	1.70	442024	18	522	50
47.90	50.20	2.30	442025	6	139	10
50.20	50.90	0.70	442026	30	133	34
50.90	53.90	3.00	442027	10	27	24
53.90	57.00	3.10	442028	23	21	46
57.00	60.00	3.00	442029	41	54	112
60.00	63.10	3.10	442031	16	174	70

*graphic log not to scale

Project: Williams_06 **Hole Number:** WM06-1

From	To	Rocktype	& Description

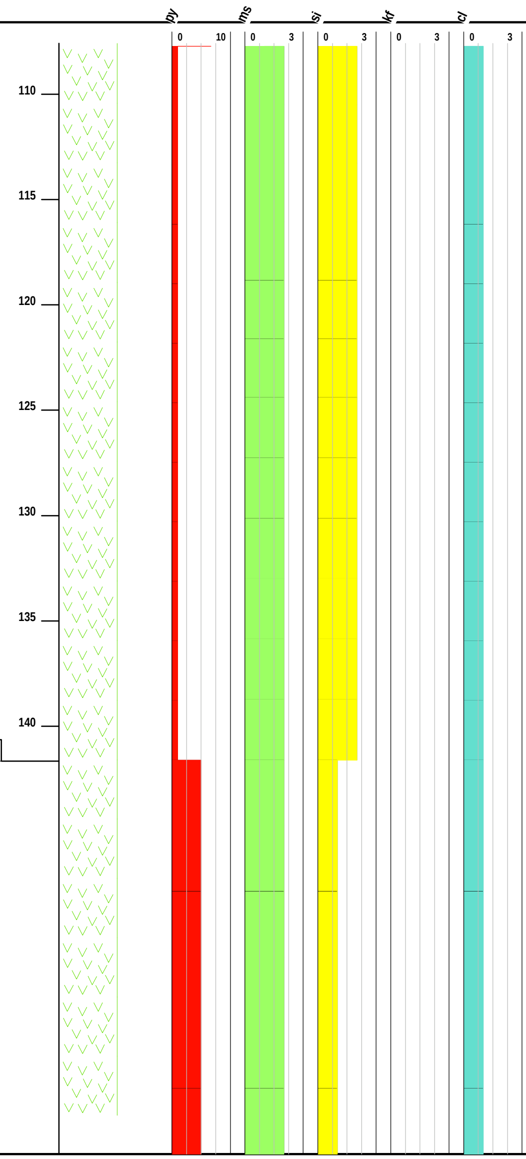
« Pyrite 1.00-3.00%»
« Chalcopyrite 0.10%»
« Hematite 1.00-2.00%»
« Specularite 2.00%»
« Silicification 2.00*»
« Sericite 2.00*»
« Chlorite 1.00*»
« 43.50- 44.30 Rubbly mixed altered fragments, minor specularite fragments, possible fault »
« 44.30- 50.20 Moderately chlorite altered and moderately quartz calcite stringered »
« 44.30- 50.20 Chlorite 2.00*»
« pyrite in veining, fracture fill and disseminated 3%» « Pyrite 3.00%»
« trace chalcopyrite in fracture fill and quartz calcite veining » « Chalcopyrite 0.10%»
< @ 45.20 quartz, pyrite, trace specularite stringer 12° 4mm >
< @ 46.20 quartz calcite veining 70°
< @ 47.90 quartz vein with 10% pyrite,trace specularite 10° 15mm >
< @ 46.20 quartz calcite veining with chalcopyrite 0° >
« 50.20- 57.00 Light grey green with moderate silica moderate to weak sericite »
« pyrite disseminated and fracture fill 1%»
« 53.70- 53.90 specularite pyrite stringer zone specularite 10%»
< @ 54.00 quartz,sericite pyrite stringer 75° 1cm >
« 58.00- 68.50 moderate to strong chlorite alteration and fracture coating »
« 62.30- 75.90 Rubbly core Intensely fractured. Variable alteration »
« 53.90- 62.30 moderate sericite silica »
« 53.90- 62.30 Sericite 2.00*» « Silicification 2.00*»
« pyrite as disseminations,in quartz veins and fracture fill 3%»
< @ 62.20 quartz calcite stringer with 15% pyrite, specularite 15° 15mm >
62.30-75.90
« 62.30- 68.10 Med.green med to weak clay alteration »
« 66.10- 67.30 pyrite 15%»
« specularite 7%»
< @ 67.00 calcite specularite stringer 0° 8mm >
« 75.90- 85.40 strongly broken variable silica sericite and minor hematite »
« 75.90- 85.40 Hematite 2.00%»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
63.10	66.10	3.00	442032	21	75	24
66.10	69.20	3.10	442033	64	76	45
69.20	75.30	6.10	442034	5	23	45
75.30	78.30	3.00	442035	20	63	19
78.30	81.40	3.10	442036	-5	23	23
81.40	84.40	3.00	442037	-5	68	26
84.40	87.40	3.00	442038	6	26	57
87.40	96.60	9.20	442039	5	43	11
96.60	99.70	3.10	442040	-5	37	8
99.70	101.20	1.50	442041	8	111	26
101.20	102.70	1.50	442042	-5	28	25
102.70	104.20	1.50	442043	-5	8	17
104.20	105.60	1.40	442044	-5	10	12
105.60	108.80	3.20	442045	-5	9	16
108.80	110.30	1.50	442047	5	77	13
110.30	111.90	1.60	442048	-5	257	13
111.90	113.40	1.50	442049	-5	47	12
113.40	114.90	1.50	442050	-5	31	75
114.90	116.40	1.50	442051	6	20	57
116.40	118.00	1.60	442052	-5	46	35
118.00	119.50	1.50	442053	9	18	40
119.50	121.00	1.50	442054	771	39	17
121.00	124.00	3.00	442055	3790	112	7
124.00	127.10	3.10	442056	32	51	4
127.10	133.20	6.10	442057	17	58	56
133.20	136.20	3.00	442058	-5	248	14
136.20	139.30	3.10	442059	6	53	14
139.30	141.60	2.30	442061	-5	57	6

Project: Williams_06 **Hole Number:** WM06-1

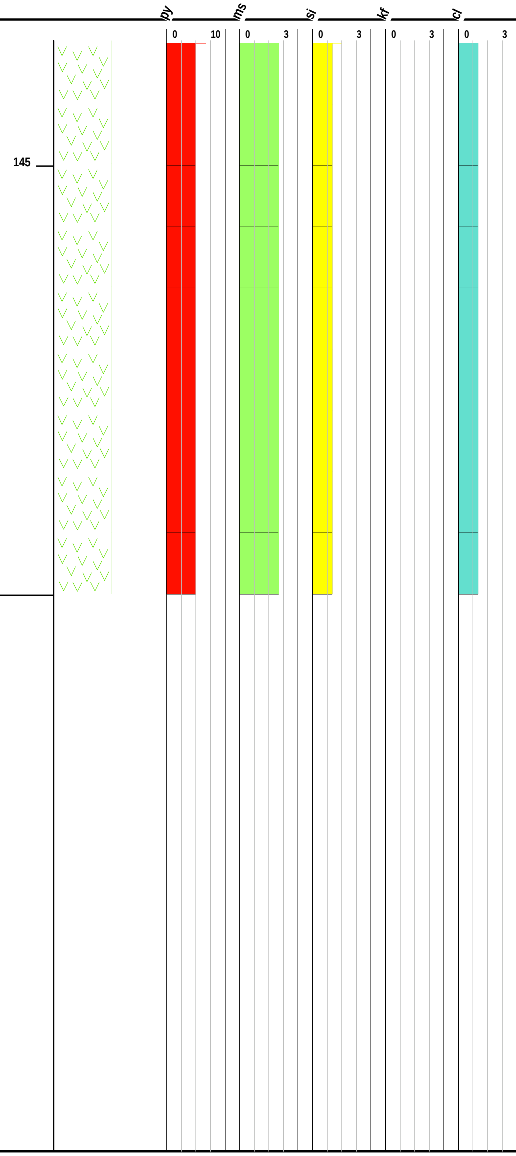
From	To	Rocktype & Description
		« 75.90- 85.40 Sericite 2.00*» « Silicification 2.00*» « Pyrite 3.00%» pyrite as fracture fill, in quartz stringers and disseminated trace chalcopyrite near top of interval
		« 85.40- 86.60 brecciated and partially healed fault. weak fault plane 25°»
		« 86.60- 100.70 Variably silica sericite altered with patchy to stringer specularite. »
		« 86.60- 100.70 Silicification 2.00-3.00*» « Sericite 2.00-3.00*»
		« 100.70- 105.60 moderate to strong chlorite, calcite »
		« 100.70- 100.70 Chlorite 2.00-3.00*» « Calcite 2.00-3.00%»
		« moderate to strong calcite vein breccia »
		« 105.60- 141.60 Variably altered with strong to moderate silica weak sericite »
		« pyrite as fracture fill and in specularite stringers 3%»
		« specularite as stringers, vein breccias and minor diss. 7%»
		« minor trace chalcopyrite with pyrite » « Chalcopyrite 0.10%»
		« rare moly on fracture surfaces at 115.6 and 119.3 »
		« 109.80- 110.30 quartz veining throughout interval »
		< @ 126.00 Quartz pyrite specularite stringer 45.00° 1.00mm >
		< @ 121.70 moly on fracture surface in quartz stringer vein breccia in silicified zone >
		« 123.30- 125.40 trace diss chalcopyrite with pyrite dominantly on fracture surfaces »
141.60	147.80	**Andesite**
		Similar to unit above, but seperated by colour and the first presence of magnetite. Variable colour ranging from moderate green to light beige. Colour variation is due to alteration variability, moderate green resulting from propylitic alteration with chlorite and possibly primary magnetite? Beige zones are silicious and sericitic with hematite after magnetite. Core is generally broken, size from 10cm regular core to fine-grained pebbles. Specularite and pyrite as much as 5% as fracture fill or small stockworks. Small segments of annealed quartz breccia zones within silica + sericite alteration. Calcite stringers throughout inteval.
		« Pyrite 5.00%» « Specularite 5.00%» weak ms,si,cl alteration
		< @ 142.90 Late quartz calcite veinlets / mini stockwork with specularite and pyrite, vein cutting length of core 0° 1mm >
		< @ 143.80 molybdenum smear along fracture 50° 1mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
141.60	143.80	2.20	442062	-5	132	25
143.80	145.40	1.60	442063	-5	97	4
145.40	146.90	1.50	442064	9	60	72
146.90	147.80	0.90	442065	-5	16	3

Project: Williams_06 **Hole Number:** WM06-1

From	To	Rocktype & Description
		< @ 144.60 propylitic alteration along fracture 0° 1mm >
		< @ 144.90 fracture plane with propylitic alteration 20° >
		< @ 145.50 molydenum along undulating frature in core 10° 1mm >
		< @ 145.55 trace disseminated chalcopyrite, in quartz vein>
		< @ 145.80 fault plane, slickenslides, chloritic / propylitic 40° 1mm >
		< @ 146.00 slickenslide fracture plane with pyrite veinlet 40° >
		< @ 146.30 slickenslided plane 40° >
147.80	147.80	EOH



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

Drill Log Legend

	Andesite
CASING	Casing

DRILL LOG

Project: Williams	**Collar Elevation (m):** 1502.0
Hole WM06-2	**Azimuth (º):** 360
Location: 6407709 m North; 573550 m East	**Dip (º):** -50.0
Logged by: R. Kutluoglu	**Length (m):** 166.70
Drilled by: Falcon Drilling	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: BTW	
Date Started: 2006/09/09 **Date Completed:** 2006/09/15	
Dip Tests By: none	
Objective	

Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
0.00	-65.00	0.00

Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype & Description
0.00	17.80	Casing

well foliated Andesite with QTZ rubble, some HEM staining - glacial rubble

« 0.00- 14.40 moderate to strong foliation 55°»

From	To	Rocktype & Description
17.80	24.00	Andesite

light to dark green, massive, fine-grained grained, equigranular unaltered, moderately magnetic w/ narrow qtz + calc veins, ~1mm. appears to be moderate chlorite alteration & an associated with moderate magnetite alteration, present as mottled texture and small blebs. Pyrite 3-5% as diss. and fracture fill

« 17.80- 24.00 Pyrite 3.00-5.00%»

« Chlorite 2.00*»

< @ 19.30 chloritized fracture plane 45.00° >

« 18.00- 24.00 CL + QZ + EP stringers at varying deg to core 30.00°, 40.00°»

< @ 20.40 pervassive epidote alteration w/ HE stringers 40-50° 10cm >

< @ 24.00 trace Malachite staining, fine-grained grained on fracture plane 1% >

From	To	Rocktype & Description
24.00	26.30	Andesite

Similar to above but subdivided by alteration and increased disseminated to blebby with stringers and veinlets. Lighter green, propylitic altered with variable chloritization, Moderate to strong magnetic, with pyrite and magnetite in stringers and veinlets. veinlets of both pyrite and of CA + QZ + PY +/- MG. Earlier QZ+CA veins cut by QZ+CA+PY veins. Entire interval with microfracture calcite infill.

« Pyrite 8.00%» « Magnetite 10.00%»

« 24.00- 25.20 Calcite 2.00*»

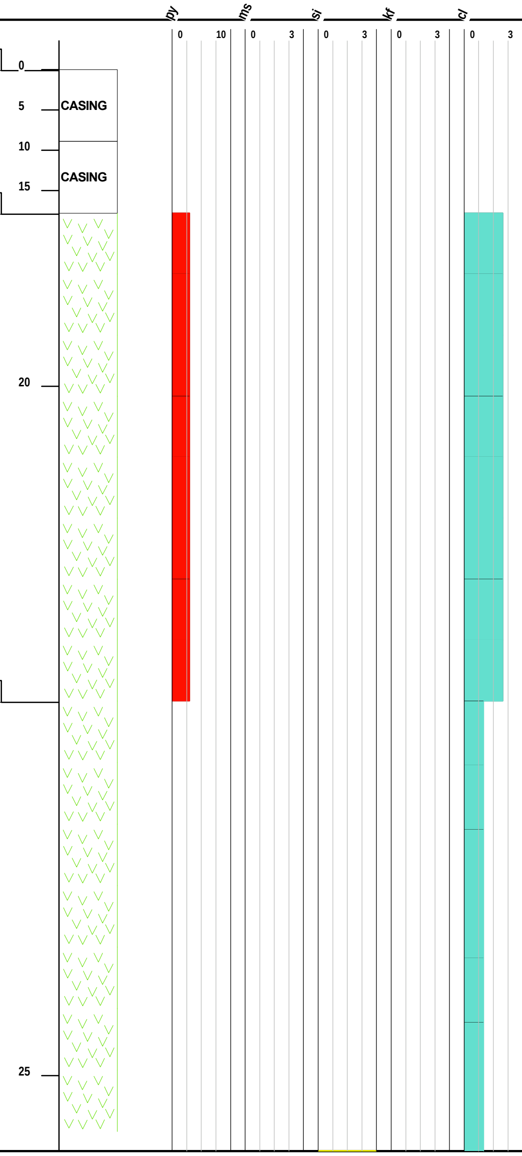
« 25.20- 25.80 Silicification 3.00*»

« 25.80- 26.30 Calcite 2.00*» alteration is present to the base of the section.

< @ 26.00 carbonate vein breccia w/ Specularite in a late, cross-cutting vein and disseminated pyrite in the matrix 40° 30cm >

< @ 24.40 QZ+CA+PY+MG+ trace CP vein 60° 1mm >

< @ 24.45 narrow QZ + CA + PY vein 20° 1mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
17.80	19.30	1.50	442066	-5	134	1
19.30	20.40	1.10	442067	-5	74	1
20.40	23.90	3.50	442068	9	188	1
23.90	24.45	0.55	442069	21	644	8
24.45	26.30	1.85	442070	14	965	13

From	To	Rocktype & Description

< @ 24.50 CA+QZ+PY vein 60° 1mm >
< @ 24.65 QZ+CA+PY+MG with CP vein, trace CP present as small blebs, CP 85° 3mm >.
< @ 24.10 QZ + CL + PY + MG vein 60° 2mm >
< @ 24.20 QZ + CL + PY + MG vein 45° 2mm>
< @ 24.25 QZ + CL + PY + MG vein 20° 1mm >
< @ 24.36 Chalcopyrite blebs in fracture associated with pyrite/magnetite 1% >
< @ 25.30 QZ+CA+PY vein w/ pLL alteration envelope hematite 30° 2mm >
« 25.40- 26.00 QZ+CA+PY stockwork with specularite, rusty fractures, with variable angle, 0-35° 5mm»
< @ 26.00 trace disseminated chalcopyrite on fracture plane >
< @ 25.40 QZ+CA+PY+MG vein 35° 6mm >

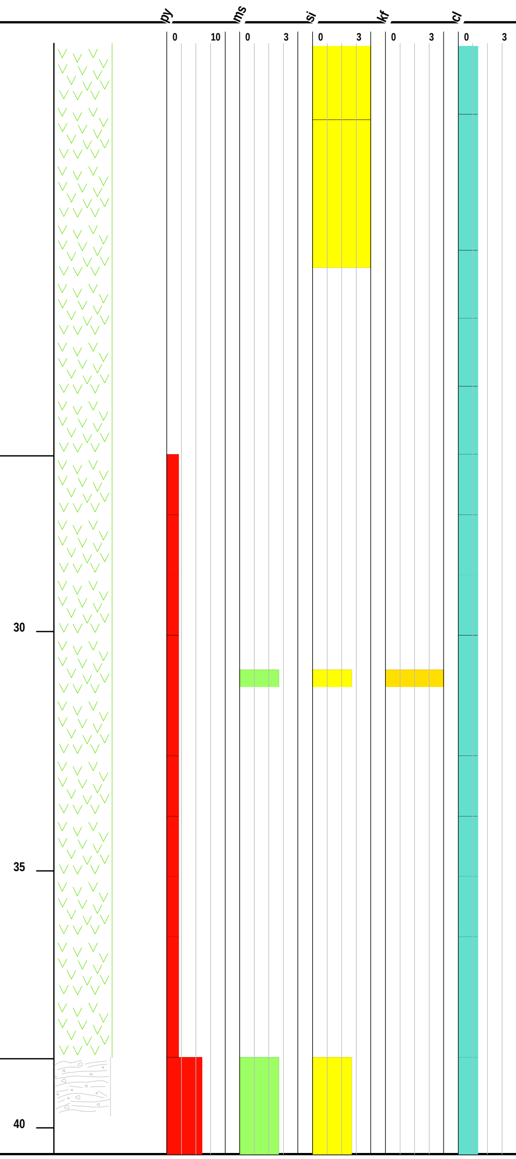
26.30 38.90 Andesite

variably dark green to black, equigranular, aphanitic, with multiple orientation fractures, veins and microfractures of CA +/- PY +/- MG alteration halo around some veins making lighter green colouration (MS) and CL fracture planes. Throughout the interval there appears to be a pyrite association with the higher angle stringers / veins.
« Chlorite 2.00*» CL alteration weak to moderate and localized
« 10 to 30 and 50 to 80, degrees, at a mm scale, stockwork calcite »
« trace to 2% PY as dissemminated and small blebs in carb veins 2.00%»
< @ 26.80 CA+PY vein 15° 2mm >
« 29.00- 29.25 propylitic alteration with MG & PY disseminated and blebby smears. Upper contact broken, lower contact well defined 30°»
« 30.80- 31.15 pale green, sericite silica epidote alteration, strongly altered K-spar alteration? with gradational alteration fronts 30-70°»
« 30.80- 31.15 Sericite 2.00-3.00*» « Silicification 2.00-3.00*» « Epidote 2.00-3.00*» « K-feldspar 3.00*»
< @ 31.00 stringers of calcite/specularite at centre of alteration 45° 2cm >

< @ 32.30 blebby PY + MG in wkly altered segment of core 45° 3cm >

38.90 57.30 Volcaniclastic - Undefined

Volcaniclastic with moderate chloritization. upper potion with light mottled CL+MS texture. zones of silica + sericite alteration. The contact is irregular but sharp ~60 degrees. contact has an alteration margin 1 cm thick



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
26.30	27.50	1.20	442071	12	441	9
27.50	29.00	1.50	442072	5	305	11
29.00	29.60	0.60	442073	-5	221	5
29.60	31.30	1.70	442074	20	250	6
31.30	32.60	1.30	442076	-5	164	9
32.60	34.10	1.50	442077	-5	244	5
34.10	35.70	1.60	442078	-5	90	10
35.70	37.20	1.50	442079	-5	112	10
37.20	38.90	1.70	442080	-5	246	17
38.90	40.30	1.40	442081	14	664	44
40.30	41.80	1.50	442082	33	645	11
41.80	43.30	1.50	442083	10	332	19
43.30	44.80	1.50	442084	51	529	16

*graphic log not to scale

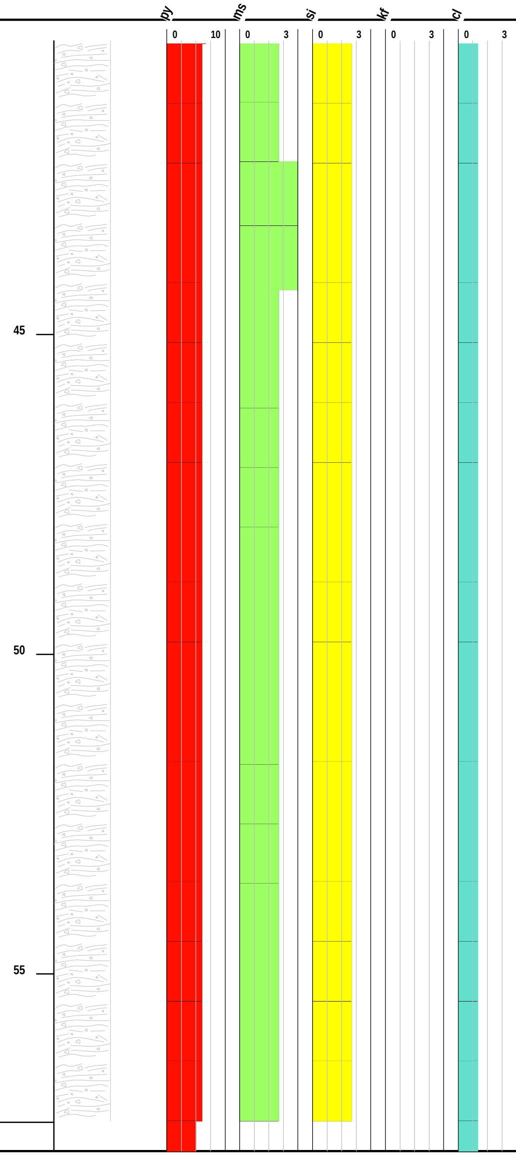
Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype	& Description

distinguished by a lighter shade of green. Unit is variable shades of green, with dark green to black variable sized heterolithic clasts, and wispy clast boundaries.
« Disseminated, blebby stringers and fracture fill pyrite 1-5%»
« Chlorite 2.00*»
« Sericite 2.00*»
« Silicification 2.00*»
< @ 38.90 Upper Contact 60.00° 1.00 >
« rusty CL+Carb +/- Specularite fracture planes varying shallow to moderate angles -45°0°»
« 38.90- 57.30 PY as ff, veins and blebby 6.00%» Increasing to base of segment 4 to 6%.
« unit consisting of calcite veins along fractures, at low angles to core. Stringers of PY+MG with chloritic alteration and partially epidotized margins 20-40° 1mm»
« steeper vein set of variable angles, composed of carb+PY+MG +/- EP +/- LI +/- JA 45-90° 1-4mm»
< @ 40.30 trace CP blebs within CA+PY+MG vein 90° 1cm >
< @ 41.30 Trace Disseminated CP in carb+PY+MG+LI+JA rusty, pitted vein 75° 1mm >< @ 41.40 Trace DIS CP in carb+PY+SPEC vein 80° 1mm >< @ 41.70 Trace DIS CP in a PY+MG+Carb vein 60° 1mm >
« 42.30- 44.30 very light green to beige siliceous-sericitic alteration centred around pitted QZ+LI+JA+PY+HE+specularite veins of varying angle and width b/w 10 deg and 45 deg 10-45° 1-15mm @43.2, contacts are weakly diffuse @15 degrees»
< @ 45.60 QZ vein with trace Disseminated Moly grains along margins 90° 1cm >
« 50.00- 57.30 thicker rusty broken fracture planes up to 3mm 10-45° 1-3mm»
< @ 55.90 trace diss CP along fracture 85° 1mm >
< @ 56.10 blebby PY+CA+CP (trace CP) near fracture plane, 30° 1mm >< @ 56.60 Trace disseminated CP on fracture plane 45° 1mm >
< @ 56.90 trace disseminated CP on fracture plane 80° 1mm >
< @ 52.60 Trace CP in QZ + PY stringer >
« 38.90- 57.30 fracture density @ 15/m »
lower contact is @~40 degrees , but has a vein along the contact as well as being brecciated before the vein> < @ 57.30 Lower Contact 40.00° 1.00cm >

57.30 100.80 Andesite

As above Andesite unit. Green to black, aphanitic, moderately chloritized, unit

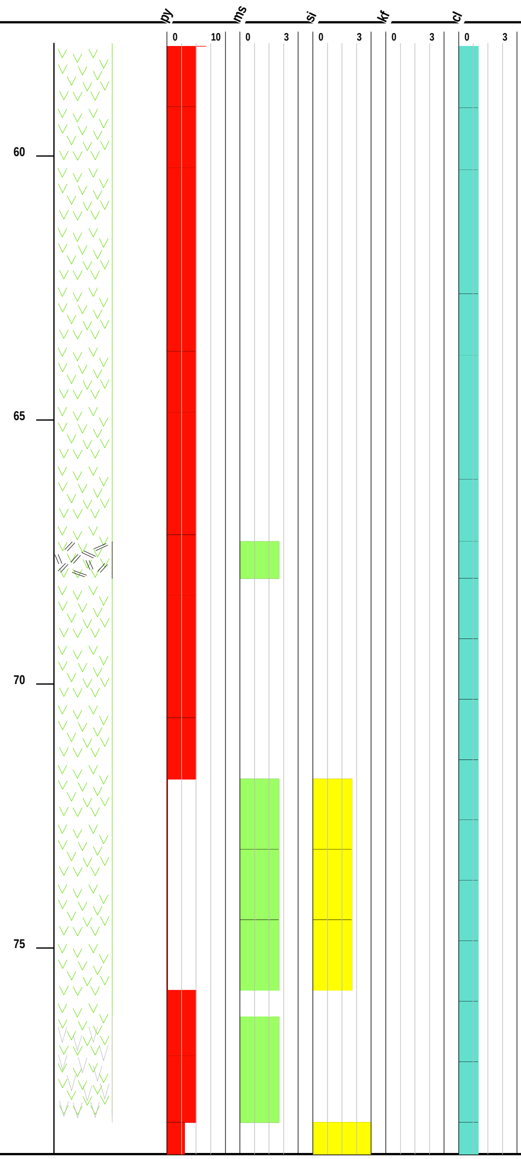


From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
44.80	46.30	1.50	442085	7	330	72
46.30	47.90	1.60	442086	14	362	6
47.90	49.40	1.50	442087	17	444	11
49.40	50.90	1.50	442088	20	526	27
50.90	52.40	1.50	442089	46	872	23
52.40	53.90	1.50	442090	26	713	13
53.90	55.40	1.50	442092	34	952	16
55.40	57.30	1.90	442093	17	662	17
57.30	58.80	1.50	442094	-5	141	1
58.80	60.00	1.20	442095	-5	120	2

Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype & Description

with narrow CA +/- QZ +/- specularite +/- PY. Alteration to MS+/- EP around CA veining and in small patches.
« fracture density >30/m due to CA infill microfractures. Macro fractures ~ 1mm @ 15/m, variable angles ranging from 0 to 90 »
57.3-100.8 wek chlorite alt
< @ 62.00 5mm Carb vein with blebby stringer of pyrite in centre 70° 5mm >
57.3-100.8 weak chlorite alt
«PY, Disseminated, blebby and veins of PY association with carb veins. PY as diss, 3% in ANDS.
@ 65.0 trace dis « Chalcopyrite » in Andesite above carb vein @ 66.50 Thick Carbonate vein 85° 1cm >
< @ 67.00 rusty fracture plane, CL+Carb vein 30° 1cm >
« 67.30- 68.00 monzonitic dyke, weak chloritization, carbonate microfractures and veinlets, medium-grained grained, moderate sericitization, plag, feld, qtz, horn? Monzonite 80°»
« 67.30- 68.00 Chlorite 1.00*» « Sericite 2.00*»
« 68.10- 68.40 carbonate breccia, specularite+PY+CP? along margins, with thick Carb vein at base of breccia, 75-50°»
< @ 68.60 carbonate vein cutting core at variable shallow angle 10° 1cm >
< @ 70.50 carb vein w/brecciation trace Pyrite & specularite w/in vein 20° 3cm >
« 70.80- 71.60 tuff, bedding horizons with slight variation in dip, 25 to 28 degrees, slight colour variation of shades of green between layers, average thickness ~1cm » < @ 71.00 Bedding (S0) 28.00-25.00° 1.00cm >
< @ 71.60 2 1 cm thick, cross-cutting carb veins with disseminated pyrite 80° 1cm >
< @ 72.20 possible localized K_spar? alteration 5cm >
« 71.80- 75.80 carbonate vein breccia, sericitized and sillicfied wallrock and fragments, trace disseminated PY+MG+MN? »
« 71.80- 75.80 Sericite 2.00-3.00*» « Silicification 2.00-3.00*» « Pyrite 0.10%» « Magnetite 0.10%» « Manganite 0.10%»
< @ 75.50 carbonate vein PY+MG+MN? 90° 1cm >
« 76.20- 76.30 feldspar porphyritic interval phenocrysts ~.5cm »
« 76.30- 78.30 volcaniclastic section, sericite alteration, heterogeneous fragments with wispy edges Volcaniclastic - Undefined »
« 76.30- 78.30 Sericite 2.00*»
« 78.30- 80.30 MONZ. plag phenocrysts, with moderate siliceous alteration, weak CL, DISS PY+MG greater PY content (~3%) PY stringers, carb



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
60.00	61.50	1.50	442096	-5	102	1
61.50	63.10	1.60	442097	-5	84	1
63.10	64.60	1.50	442098	7	428	4
64.60	66.10	1.50	442099	9	318	19
66.10	67.60	1.50	442100	7	373	31
67.60	69.20	1.60	442101	6	243	8
69.20	70.70	1.50	442102	-5	219	6
70.70	71.90	1.20	442103	-5	130	10
71.90	73.50	1.60	442104	-5	193	6
73.50	75.00	1.50	442105	-5	129	3
75.00	76.60	1.60	442107	10	153	44
76.60	78.30	1.70	442108	8	181	22
78.30	79.80	1.50	442109	8	90	22
79.80	81.40	1.60	442110	15	404	31
81.40	83.00	1.60	442111	9	377	14
83.00	84.40	1.40	442112	42	514	109
84.40	87.50	3.10	442113	19	492	16
87.50	89.30	1.80	442114	18	414	24
89.30	90.50	1.20	442115	30	703	9
90.50	92.00	1.50	442116	33	560	18
92.00	93.60	1.60	442117	83	779	14
93.60	96.60	3.00	442118	34	408	67
96.60	99.70	3.10	442119	38	454	55

Project: Williams_06 **Hole Number:** WM06-2

From To Rocktype & Description

veinlets as per segment. upper contact on pyrite magnetite vein sharp contact @ 70 degrees, with a diffuse lower contact » < @ 78.30 Upper Contact 70.00º 0.10 >

« 78.30- 80.30 Pyrite 3.00%»

« Chlorite 1.00*»

« Magnetite 2.00%»

< @ 78.30 Upper Contact 70.00º >

« 80.30- 80.40 feldspar porphyry, as above segment »

« 80.40- 82.80 more siliceous and chloritized, less competent, highly fractured, >30/m macro fracturing. »

« Silicification 3.00*»

« 80.30- 82.80 Chlorite 1.00*»

< @ 81.30 Carbonate breccia, clasts to 2 cm, breccia zone, 4 cm wide, matrix white carbonate, dolomite+CA? 30° 4cm >

< @ 82.50 carbonate breccia, as previous carb bx, wider, more fragmented core Trace CP, 40° 10cm >

« 82.60- 89.30 CL+EP+SI+CA+MS alteration, moderate to moderate/strong, highly fractured core increased % of DISS & blebby PY (7-8%), hematized fractureplanes, possible k-spar? alteration, resulting in small patches of orange-beige »

« 82.60- 89.30 Pyrite 7.00-8.00%» « Chlorite 2.00*» « Epidote 3.00*» « Silicification 3.00*» « Calcite 3.00%» « Sericite 3.00*» « K-feldspar 3.00*»

« 89.30- 94.60 stronger alteration than previous subrange, silica flood zone, SI+EP+/ MS, whispy PY+EP+MG+HE (Specularite), boundaries are diffuse, less silicious Andesite clasts, Flat grey / white in colour »

« 89.30- 94.60 Silicification 3.00*» « Epidote 2.00*» « Sericite 3.00*»

< @ 89.60 PY+MG vein 65° 2mm >

< @ 90.40 trace dis Chalcopyrite >

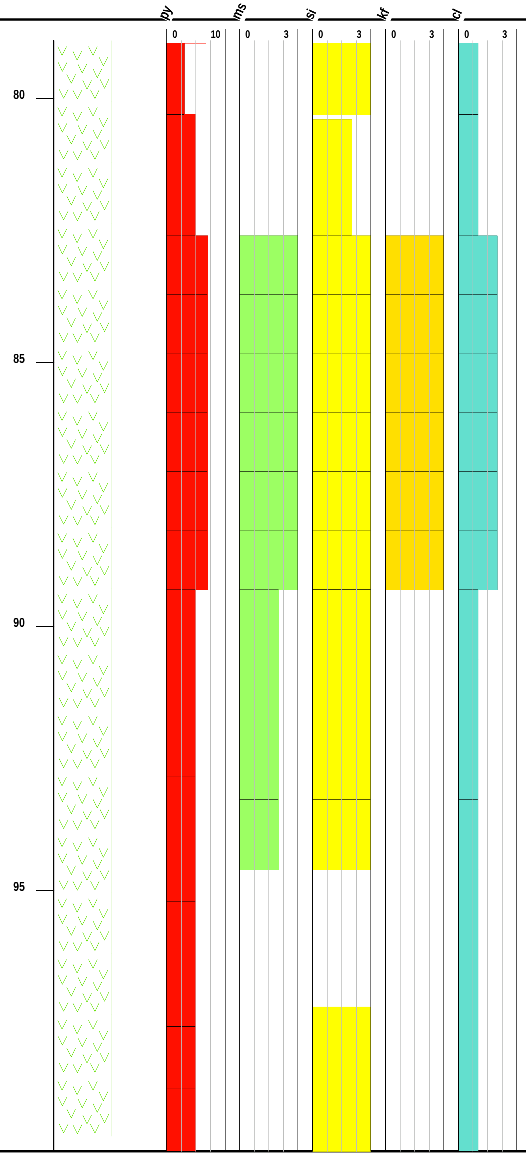
< @ 94.50 trace CP? with diss Pyrite in carb vein 0° 5mm >

94.60-97.20 weak Chlorite « 97.20- 100.80 Silica flood as in range 89.3 to 94.6, with intermittent segments as large as 10cm of unaltered Andesite clast »

« 97.20- 100.80 Silicification 3.00*»

« 57.30- 100.80 PY content ~5% in stringers and veins +/ MG, vein thickness variable from 1mm to 5mm »

« 57.30- 100.80 Pyrite 5.00%»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

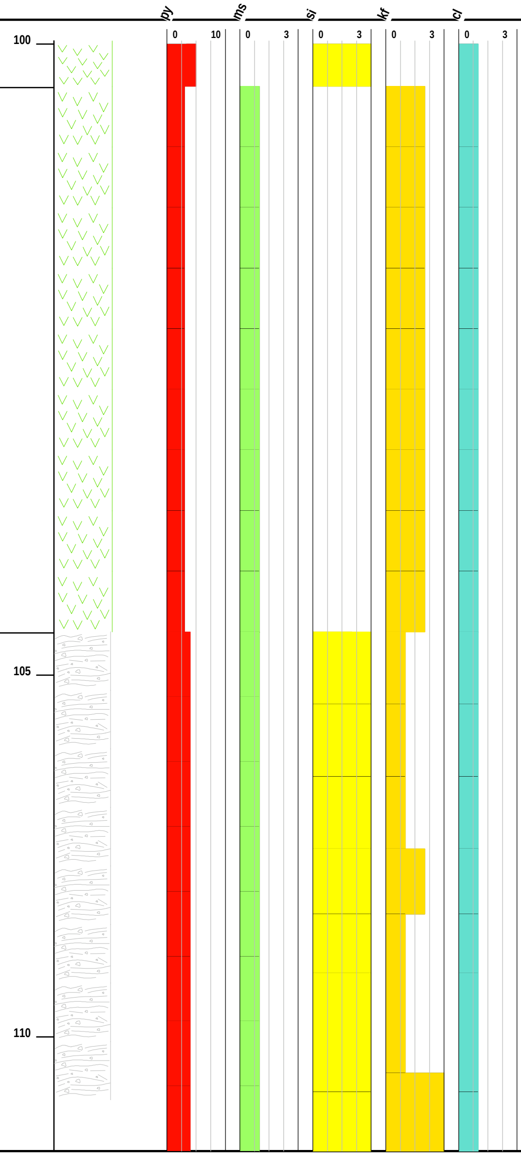
Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype & Description
100.80	104.40	Andesite

pink to beige in colour, pervassive alteration, k-spar? fractures >30/m. Carbonate breccia and veining with specularite and pyrite. minor sericitized and/or chloritized fractures, with alteration halos around fractures.
« K-feldspar 3.00*»
« Specularite 3.00%» « Pyrite 3.00%» « Sericite 1.00*» « Chlorite 1.00*»
< @ 101.70 carbonate breccia, dolomitic, rhombohedral crystals, pyrite in matrix and disseminated in clasts. clast varying in size from 2cm to 1mm 10cm >
< @ 102.40 carb vein with specularite + PY, start of another breccia zone. 30° 1cm >
< @ 102.40 carbonate breccia, trace disseminated pyrite, clast dominated, with clast ~2cm 10cm >
< @ 102.80 carbonate breccia, dolomitic, 2% PY, clast domninated. 5cm >
< @ 103.30 carbonate breccia, gradational from clast dominated to matrix dominated, clast from 1mm to 2cm, heterolithic clasts, as previous bxs'. PY ~ 3%, with 30° 20cm >

From	To	Rocktype & Description
104.40	166.70	Volcaniclastic - Undefined

Volcaniclastic with « Chlorite 1.00*» and zones of « Silicification 2.00-3.00*» +/- « Sericite 1.00-2.00*» alteration. The contact is indistiguishable due to rubbly core. fracture density is >30/m. Unit is variable shades of green, with dark green to black variable sized heterolithic clasts, and wispy clast boundaries
« Pyrite 4.00%» +/- « Magnetite 2.00%» disseminated and frature fill.
« 123.00- 129.50 fracture density >30/m »
« 129.50- 137.60 fracture density 20/m »
« 137.60- 138.80 fracture density >30/m »
« 138.80- 141.00 fracture density 20/m »
« 141.00- 151.00 Fracture density >>30/m »
« 104.40- 115.00 Silicification 3.00*» flood silica alteration, grey. Red hematitic replaced clasts and pLL fractures. clast size between 1mm to 3cm Minor EP & CL & MS alteration, minor kf? alterations to pink/orange.
« 104.40- 115.00 Hematite 5.00%» « Epidote 1.00*» « Chlorite 1.00*» « Sericite 1.00*» « K-feldspar 1.00*»
« 107.40- 108.30 kspar? alteration, pink / orange with fractures altered moderately with CL + minor EP, FF PY + MG + HE »



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
99.70	102.70	3.00	442121	28	483	27
102.70	105.80	3.10	442122	15	199	22
105.80	107.30	1.50	442123	10	81	3
107.30	108.50	1.20	442124	13	147	36
108.50	111.60	3.10	442125	20	257	41
111.60	115.20	3.60	442126	25	246	78
115.20	116.70	1.50	442127	68	370	17
116.70	118.00	1.30	442128	45	198	31
118.00	120.00	2.00	442129	33	263	134
120.00	121.00	1.00	442130	85	646	7
121.00	122.50	1.50	442131	52	708	10
122.50	123.00	0.50	442132	41	674	29
123.00	124.10	1.10	442133	55	649	89
124.10	125.60	1.50	442134	22	300	24
125.60	127.10	1.50	442136	18	397	35
127.10	127.80	0.70	442137	14	514	19
127.80	129.50	1.70	442138	15	460	21
129.50	132.20	2.70	442139	7	279	8
132.20	132.70	0.50	442140	5	239	4
132.70	134.00	1.30	442141	-5	77	1
134.00	135.70	1.70	442142	-5	172	13

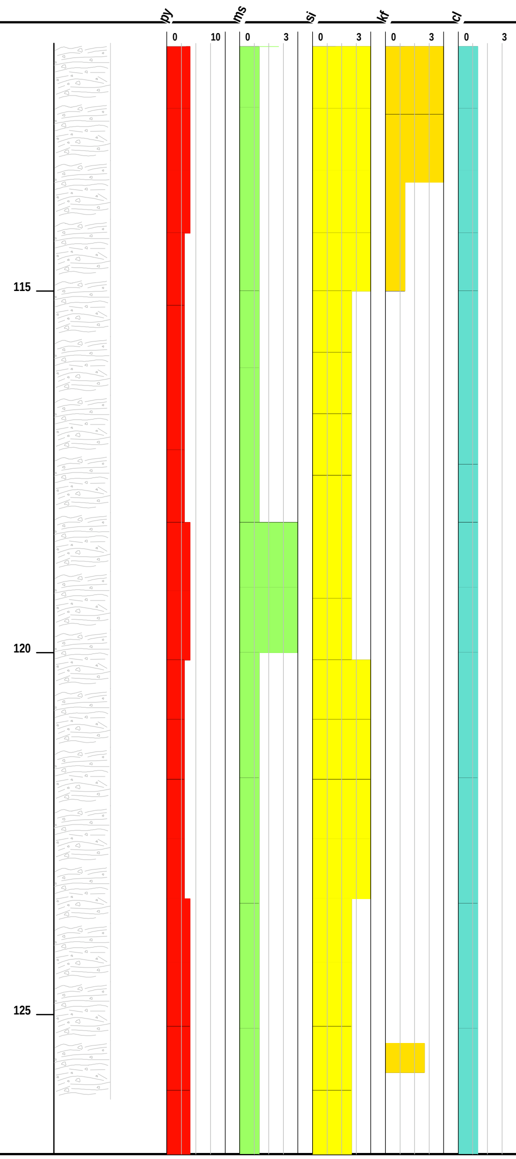
From To Rocktype & Description

« 107.40- 108.30 K-feldspar 2.00*» « Chlorite 2.00*» « Epidote 1.00*»

< @ 107.40 Trace disseminated CP? on rubbled piece of core. >
« 110.50- 113.50 Pervassive k_spar alteration, pink / orange. 3% PY + trace specularite FF+stringers. minor CL+MS alteration »
« microfractures and veinlets of carbonate, varying dip angles. >30/m »
« Disseminated & veinlets / FF PY +/ Specularite 3% 1mm»
« 114.20- 118.20 flood silica, grey matrix, matrix dominated, clast variable in size ranging from 4cm to 1mm. hematite chlorite clasts dominate clast composition. » « Silicification 3, 114.20-118.20* » « Chlorite 1.00*»

« 114.20- 118.20 Disseminated, Blebby & FF of PY +/ Specularite. also PY clast wrapping & replacement? 3-4%»
« moderate to strong Chloritized fractures and clasts. »
« 117.40- 117.50 dolomitic vein with well formed rhomboids. trace diss PY, minor chloritization 0° 5mm»
« 117.40- 117.50 Chlorite 1.00*»
« 117.60- 117.80 dolomitic vein pair, minor vuggy, trace DISS PY. euhedral ~1mm rhomboids on fractured portion of vein 0° 3mm»
< @ 119.20 bleb of CP .5cm x .3cm in 20 degree carbonate vein >
« 118.20- 120.00 SI+MS strong alteration. CL and EP moderate to strong alteration on fracture planes »
« 118.20- 120.00 Sericite 3.00*» « Chlorite 2.00*» « Epidote 2.00*»

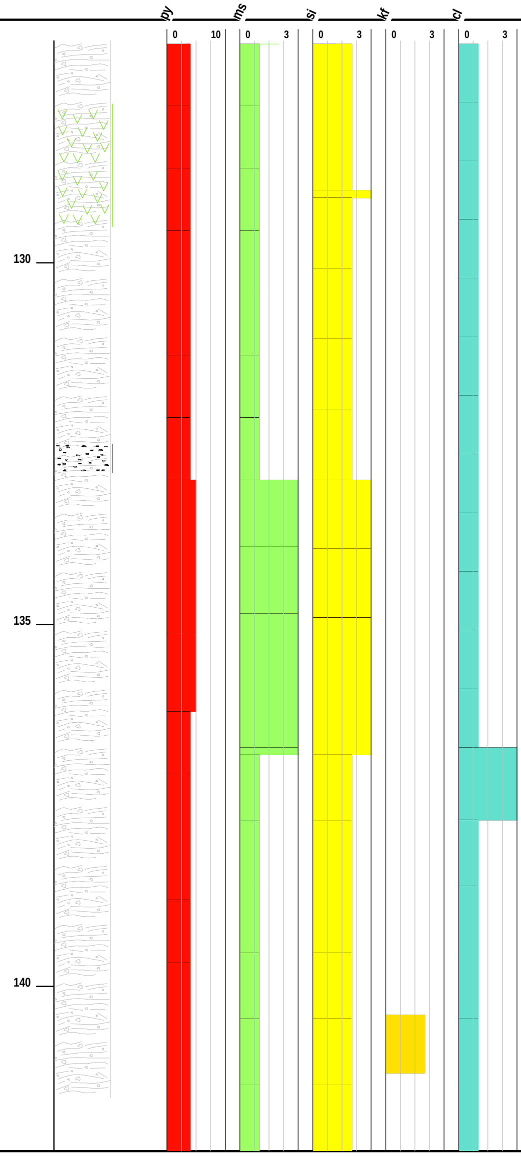
< @ 119.70 trace disseminated CP on fracture plane with silica and chlorite. w/in minor carbonate breccia >
« 119.50- 119.75 carbonate breccia, clast dominated, clasts from 1mm to 2cm. »
« 120.10- 123.40 flood silica, grey. Clasts variable in size from 1mm to 4cm. moderate to strong hemitization and epidotization of clasts. Alteration to clasts as partial to complete replacement with 3% DIS PY + trace specularite. »
« 120.10- 123.40 Silicification 3.00*» « Hematite 10.00%» « Epidote 3.00*» « Pyrite 3.00%»
< @ 121.30
< @ 121.70 Dolomite Vein, euhedral crystals, slight purple colouration Disseminated pyrite (2%). -10°0° 2mm >
< @ 122.20 Trace disseminated CP + PY in late CL vein within the flood silica



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
135.70	135.90	0.20	442143	9	420	23
135.90	137.70	1.80	442144	-5	129	8
137.70	139.30	1.60	442145	8	236	13
139.30	141.00	1.70	442146	14	343	10
141.00	142.30	1.30	442147	17	415	73
142.30	145.10	2.80	442148	14	406	23
145.10	146.90	1.80	442149	84	413	80
146.90	148.40	1.50	442201	37	439	47
148.40	150.00	1.60	442202	13	243	24
150.00	151.60	1.60	442203	8	59	11
151.60	153.00	1.40	442204	8	181	13
153.00	154.50	1.50	442205	-5	75	7
154.50	156.00	1.50	442206	48	292	31
156.00	157.60	1.60	442207	49	299	17
157.60	160.60	3.00	442208	10	338	10
160.60	163.30	2.70	442209	11	61	7
163.30	166.70	3.40	442211	21	177	8

From To Rocktype & Description

>
< @ 122.40 carbonate vein 20° 1cm >
< @ 122.60 disseminated pyrite / chlorite vein trace Chalcopyrite ? 35° 1cm >
< @ 123.30 blebby PY with CL alteration. trace disseminated CP? 3% >
< @ 124.40 trace Molybdenite on fracture plane>
« 125.40- 125.80 k_spar? alteration, pink orange »
< @ 126.70 pyrite / EP alteration 15° 2mm >
« 127.80- 129.50 aphanitic green to light green, moderately silicified. Vein associated alteration EP+CL+ finely bedded (~.5cm) . bedding variable. Andesite 10-20° 5mm»
< @ 129.50 Trace CP in PY + CA cross cutting pair 80-80° 1mm >
« 129.00- 129.10 strongly silica altered segment, dolomite vein 1mm at upper contact(45 degrees). rubbled core. DISS PY + CP + specularite 2%. Hematized clasts (replacment?) »
< @ 129.40 Trace CP in PY + MG + HE + CA + CL veins 85-80 1mm >
< @ 130.40 trace disseminated CP in PY vein 25.00° 1.00mm >
« 132.50- 132.90 aphanitic med green to light green, moderate patchy silicified. Vein associated alteration EP+CL+ finely bedded (~.5cm) . bedding variable (25-30 degrees) Andesite »
< @ 132.30 trace diss Chalcopyrite in Pyrite FF, PY+MG infilling bedding & crosscutting bedding along microfractures >
« 133.00- 135.80 mottled chlorite sericite pervassively altered. fabric weak @ 45 degrees protolith ANDS? »
< @ 134.10 shallow CA+HE+PY+MG vein 15° 1cm >
« 133.00- 136.20 Sericite 3.00*» « Silicification 3.00*» « Pyrite 5.00%»
blebs PY 5%, aprox .5cm diameter, in SI+MS altered rock
< @ 135.70 PY+MG+HE+SI+EP+CL vein series, 1 main QZ vein with pLL fractures of PY+EP+HE+MG magnetic susceptibility measured high of 35.5 over vein. sectioned out for 20cm sample 35° 2cm >
« 136.50- 136.60 minor plagiclase porphyry Andesite »
« 136.70- 137.70 fine-grained mottle texture of strong Chloritic and Sericitic alteration »
« 136.70- 137.70 Sericite 3.00*» « Chlorite 3.00*»
< @ 138.65 PY with minor MG veinlet, trace DIS CP? 30° >
< @ 138.40 vein, Carb + Spec HE + minor MG 45° 3cm>
< @ 136.70 mottled CL+EP texture, around CA+PY+MG+EP vein 20° 1mm >
< @ 139.20 HE+CA+PY vein trace CP 20° 1mm >< @ 141.00 Trace Chalcopyrite >
« 140.40- 141.20 K_SPAR? alteration (SA?) with blebby 5cm PY+EP+CL+MG, diffuse contact »



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

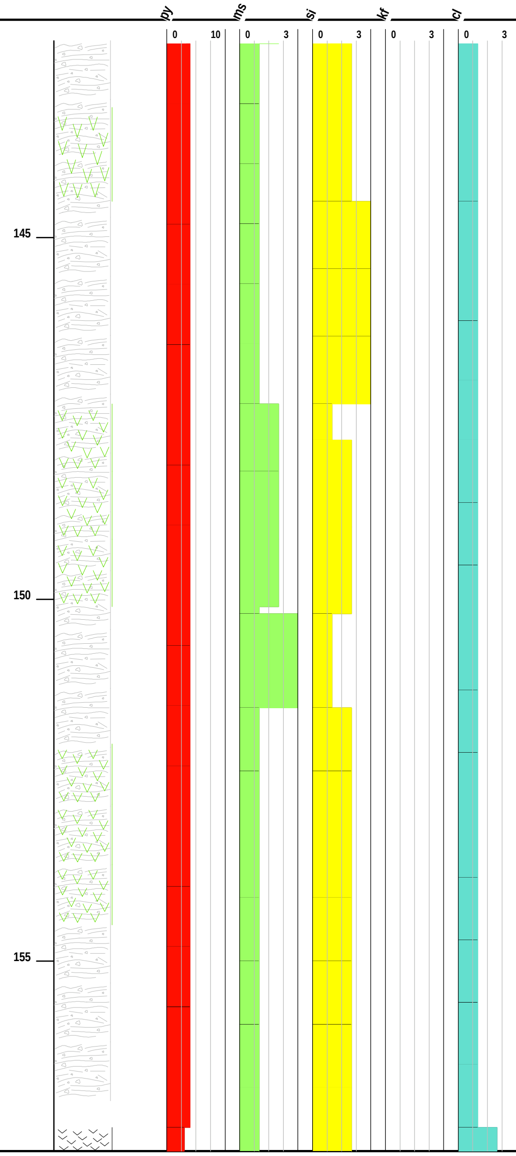
*graphic log not to scale

Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype & Description

« 140.40- 141.20 K-feldspar 2.00*»
< @ 141.20 minor kf? alteration >
< @ 142.50 Trace PY+CP fracture fill along face of rubbled core >
« 143.20- 144.50 segment of ash & crystal tuff horizons, variable Bedding (S0) thickness (1mm to 2cm), bedding Andesite 20°» < @ 140.40 Bedding (S0) 20.00º 0.10-2.00cm >
< @ 143.90 EP+PY+MG bleb with trace CP? 2cm >
« 144.50- 147.80 flood silica, clast replacement to CL+EP+PY+MG, also blebby smears of EP+CL+PY+MG (1cm - 4cm). PY+EP interstitial fine-grained grained in matrix, diffuse boundaries »
« 144.50- 147.80 Silicification 3.00*» « Epidote 3.00*» « Chlorite 3.00*»

< @ 145.10 carb vein + PY+MG 45° 1cm >
« 147.30- 150.10 light to dark green. ash tuff bedding, variable thickness, aphanitic, ~1cm, weakly silicified, moderate sericitic Andesite 30°»
« 147.30- 150.10 Silicification 1.00*» « Sericite 2.00*»
« 150.20- 151.50 Strong beige colouration, Sericite alteration, with weak silicification. minor CA veins with CL+PY, non magnetic, no magnetite in FF. gradational boundary » « 150.20- 151.50 Sericite 3.00*» « Silicification 1.00*»
< @ 151.60 Carb vein with FF black non metallic mineral, streaks grey to black, earthy luster, possible Wad or Pyrolusite 35.00° 5.00cm >
« 151.00- 157.30 Fracture density 26/m variable orientations »
< @ 151.40 as previous, carb vein, with pyrolusite? +PY, non magnetic 35.00° >
« 152.00- 154.50 light green to dark green bedded aphanitic. upper portion more strongly altered with PY+MS+CL alteration. Moderately silicious at top to weak at base Andesite 35° »
< @ 153.00 Carb+Hs+ trace PY 30° 2cm >
< @ 153.80 Carb+Hs trace dis Pyrite 35° 1cm >
< @ 154.20 Carb breccia, clasts ~1cm >
« 155.40- 155.70 Carb breccia, clast dominated 1 to 2 cm clasts. »
< @ 156.40 Carb+PY+Hs vein 10° 1cm >
< @ 157.40 carb +Hs +PY diss + MN? shallow vein 5° 1cm >
< @ 157.30 Carb+PY+Hs vein trace CP? 70.00° 2.00cm >
< @ 157.60 strong MS + weak SI altered bedding in Andesite tuff 50.00° 6.00cm > « Sericite 3.00*» « Silicification 1.00*» < @ 104.40 Bedding (S0) 50.00º 6.00cm >

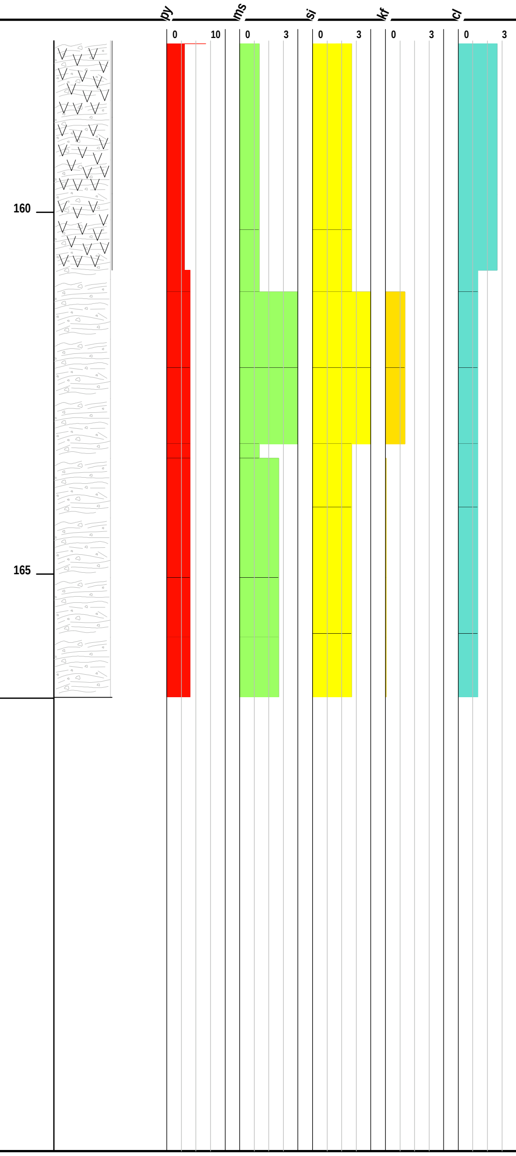


From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

*graphic log not to scale

Project: Williams_06 **Hole Number:** WM06-2

From	To	Rocktype & Description
		« 157.30- 160.80 overall aphanitic, some horizons semi crystaline tuff. light to dark green. moderate to strong CL alteration, CL+EP+DO+PY FF. PY = 2 - 3%. variable bedding angles (55 to 35 degrees). thickness of well defined beds ~1cm Andesite »
		« 157.30- 160.80 Chlorite 2.00*» « Pyrite 3.00%» < @ 157.30 Bedding (S0) 55.00-35.00º 1.00cm >
		< @ 158.10 Carb+HE+PY vein 20° 3cm >
		< @ 159.50 trace diss CP? in Carb vein. undulating vein 5° 2mm >
		< @ 160.40 QZ rubble core, carb+PY+HE+CP(trace)+ kf(SA)?. CL stringers 3cm >
		« 161.10- 163.20 flood silica altered. grey white in colour,. small and few clasts. strong CL FF. wispy MS veinlets (FF?) late PY+CL+HE+/ weak EP. pyrite ~4% , PY+CL+HE+/- EP appear to be later, soft, non -silicified FF, blebby. weakly k-spar alt »
		« 161.10- 163.20 Silicification 3.00*» » Chlorite 1« Sericite 3.00*» « Epidote 1.00*» « Pyrite 4.00%» « K-feldspar 1.00*»
		« 163.40- 166.70 moderate to strong MS wispy alteration. k_spar? PY ~ 4% as FF and in CL & carb veinlets »
		« 163.40- 166.70 K-feldspar » « Pyrite 4.00%» « Sericite 3.00*»
		< @ 165.40 Trace Disseminated CP in Carb bleb >
		EOH
166.70	166.70	End of Hole



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

Drill Log Legend

Andesite

Casing

Andesite

End of Hole

Andesite

Monzonite

Volcaniclastic - Undefined

Volcaniclastic - Undefined

DRILL LOG

Project: Williams	**Collar Elevation (m):** 1476.0
Hole WM06-3	**Azimuth (º):** 360
Location: 6407967 m North 574288 m East	**Dip (º):** -50.0
Logged by: J. Lehtinen	**Length (m):** 17.70
Drilled by: Falcon Drilling	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: BTW	
Date Started: 2006/09/15 **Date Completed:** 2006/09/17	
Dip Tests By: none	
Objective	

Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
0.00	-65.00	0.00

DRILL LOG

Project: Williams	**Collar Elevation (m):** 1476.0
Hole WM06-4	**Azimuth (º):** 360
Location: 6407967 m North 574288 m East	**Dip (º):** -65.0
Logged by: J. Lehtinen	**Length (m):** 272.50
Drilled by: Falcon Drilling	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: BTW	
Date Started: 2006/09/17 **Date Completed:** 2006/09/23	
Dip Tests By: acid 161.7m -65	
Objective	

Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
191.70	-65.00	0.00
213.00	-65.00	0.00

From	To	Rocktype & Description
0.00	11.80	Casing

Variable fragments and ground pebbles, dominantly volcanic flow rocks. Single 10 cm section of brown-red completely K-spar altered rock. Limonitic on fracture planes.

From	To	Rocktype
11.80	14.90	Andesite

Transition zone of cased yet cored, strongly broken core. Fracture surfaces with ground water, limonitic planes. minor disseminated pyrite throughout.

From	To	Rocktype
14.90	52.80	Andesite

Overall medium-grained to dark green. Medium grained. Colour variation due to alteration. Moderately fractured with <1mm calcite stringers. Stringers dominantly with no preferred orientation. but also at 55-75 TCA. Mineralization is dominantly pyrite but trace amounts of molybdenum and chalcopyrite are recorded. Moderate to strongly magnetic.

« 14.90- 16.90 moderate to strong calcite alteration bleached interval light green beige »

« Magnetite stringers with calcite 25-40°»

« fracture fill pyrite 1°»

« 16.90- 25.70 Calcite alt mod. Med dark green grey »

16.90-25.70 Mod. calcite alt. Med-dark green grey

< @ 17.20 calcite fracture 65° 1mm >

< @ 17.70 calcite fracture 55° 1mm >

< @ 19.80 10 cm silicified and finely bx zone Trace Chalcopyrite 25° 10cm >

< @ 19.90 Magnetite calcite vein with late fracture 55° >

< @ 20.00 late fracture 60° 1mm >

< @ 20.40 trace specularite with pyrite >

« 23.60- 23.90 late fault with groundwater iron stain 5°»

< @ 24.70 trace moly >

« 25.00- 25.30 Trace CP in quartz calcite stringers 45.00-50.00° » 1.00mm

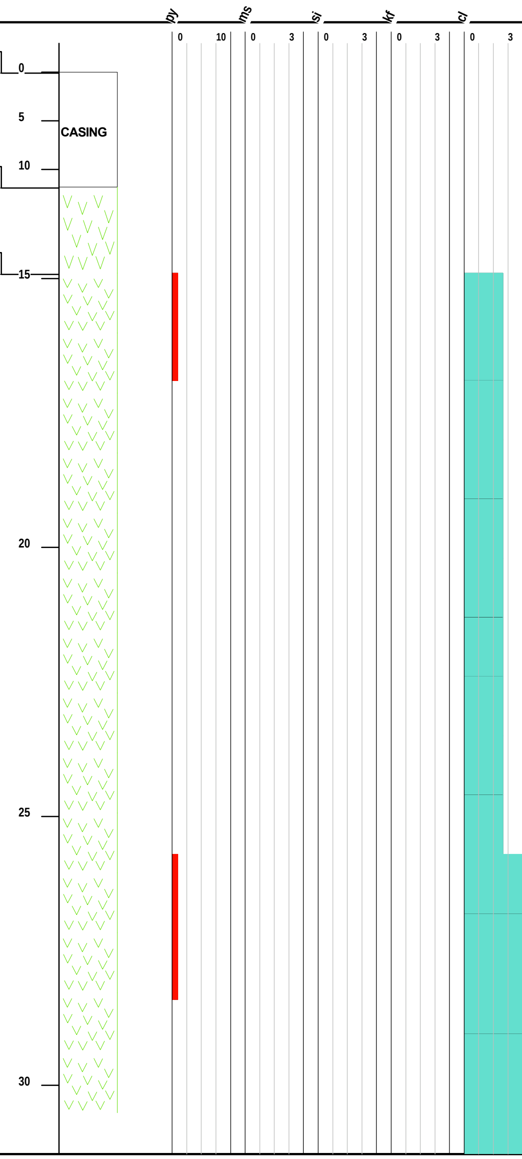
« 25.30- 25.70 moderately broken core with magnetite stringers and alteration »

« 25.70- 37.20 med to dk green grey mod to strong magnetic, chloritic »

« 25.70- 28.40 pyrite, trace »

« 28.40- 32.70 strongly fractured, trace CP, MO,weak hematite, PY PY 1°»

< @ 32.20 Fault with hematite slick plane 35° >

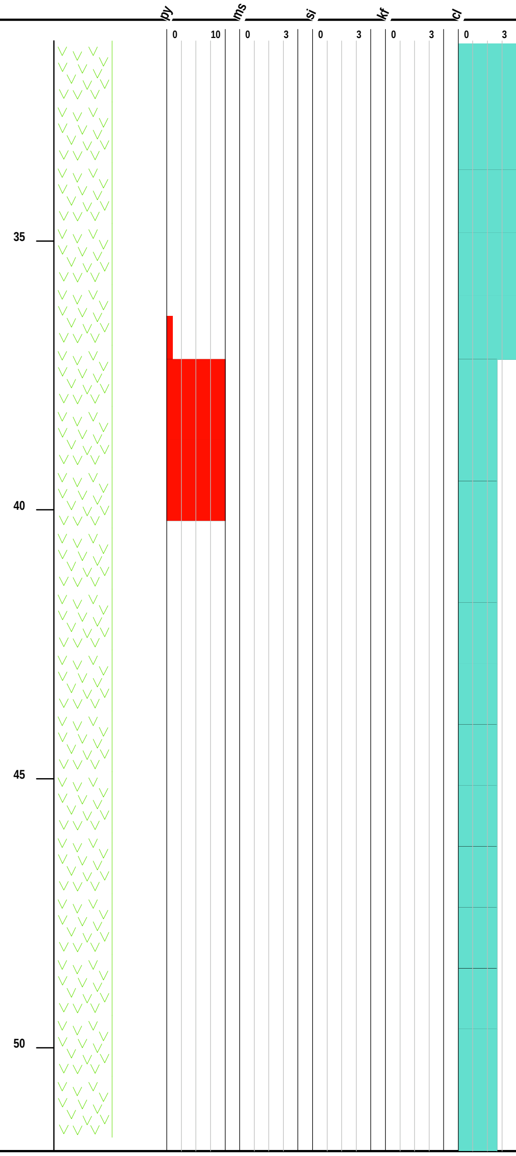


From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
11.80	14.90	3.10	442212	-5	114	5
14.90	16.90	2.00	442213	-5	50	61
16.90	20.40	3.50	442214	-5	97	24
20.40	23.50	3.10	442215	6	194	23
23.50	25.00	1.50	442216	-5	150	56
25.00	25.70	0.70	442217	10	130	16
25.70	28.00	2.30	442218	5	69	10
28.00	29.60	1.60	442219	72	467	62
29.60	31.10	1.50	442220	12	181	10
31.10	32.60	1.50	442221	7	230	11
32.60	34.10	1.50	442222	34	578	10
34.10	35.70	1.60	442223	87	1055	27
35.70	37.20	1.50	442224	33	338	19
37.20	38.40	1.20	442225	5	58	16
38.40	39.80	1.40	442227	5	269	14
39.80	41.80	2.00	442228	32	210	52
41.80	43.30	1.50	442229	11	156	19
43.30	44.80	1.50	442230	-5	160	45
44.80	46.30	1.50	442231	8	186	8
46.30	47.90	1.60	442232	71	495	39
47.90	49.40	1.50	442233	77	577	5
49.40	50.60	1.20	442234	31	705	20
50.60	52.10	1.50	442235	5	121	16

Project: Williams_06 **Hole Number:** WM06-4

From	To	Rocktype	& Description

« 32.70- 37.20 moderate to strongly fractured with calcite hematite fracture vein planes commonly at 45 - 80 TCA »
« fracture fill and minor diss. PY, trace MO,CP 1%»
< @ 26.50 Cp trace as diss in volcanics >
< @ 28.30 trace moly in weak fracture >
< @ 30.50 CP intergrown with patchy pyrite trace amt >
< @ 32.90 trace CP with fracture fill pyrite >
< @ 34.60 moly along epidote calcite fracture 40° 3mm >
< @ 35.20 moly along fracture with calcite an epidote. 45° >
« 36.40- 37.20 Fracture controlled and diss. CP Trace »
« Patchy to fracture fill pyrite, commonly with magnetite and epidote Py 1%»
« 14.90- 37.20 fracture density generally >30 »
« 37.20- 52.40 moderate to strong calcite and chlorite alteration with slighty paler color than unaltered rock. »
« 37.20- 52.40 Calcite 10.00%»
« 37.20- 40.20 Strongly fractured and healed core. Magnetite pyrite stringered, calcite cement strong fracture vein fabric 25-40°»
« trace MO, magnetite and pyrite 1% as fracture fill stringers 40-80° 2mm»
< @ 37.70 pyrite 60 TCA cut by Mag 35TCA cut by calcite 35TCA >
< @ 39.70 med red brown = Kspar? crackle brecciated >
< @ 39.80 Late gouge fault with calcite vein 30° 2cm >
< @ 40.00 trace CP >
< @ 40.00 silicified altered fractured band 45° 3cm >
< @ 42.70 Calcite pyrite stringer trace CP 40° 2mm >
< @ 43.80 Trace CP in Pyrite stringer 60 TCA>< @ 44.40 Cp with PY along calcite stringer 60° >
< @ 44.00Trace pyrite and chalco in calcite stringer 35° 2mm >
< @ 46.30 Trace MO,CP >
< @ 47.10 Calcite epidote with minor MO 50° >
< @ 47.40 Calcite vein with 10 %CP, 10%PY 60° 2cm >
< @ 47.60 Strong fracture and calcite stringer, minor CP, MA 40° 2cm >
« 40.20- 52.40 Relatively competent core with fine-grained <1mm calcite stringers. Early calcite at 60 TCA late at 30 to 40 TCA »
< @ 48.30 pyrite stringer zone 25%PY 65° 15mm >
< @ 49.10 Pyrite calcite stringers over 10 cm traceCP 65° >
< @ 50.00 calcite stringer with 5% PY 65° 3mm >
< @ 52.10 calcite stringer 30° 15mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

Project: Williams_06 **Hole Number:** WM06-4

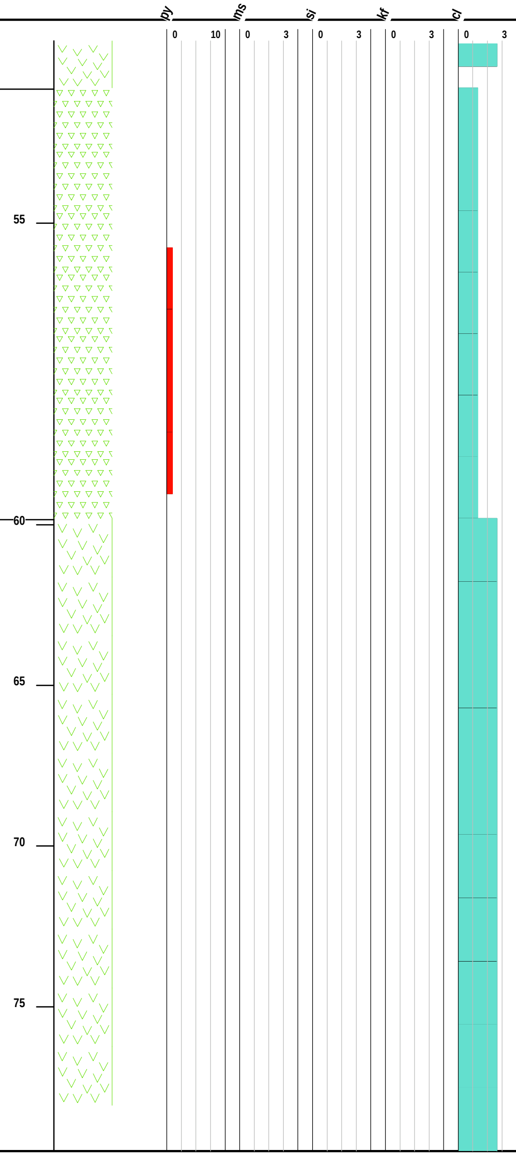
From	To	Rocktype	& Description

52.80 59.80 ANPP

Similar to flow unit above. Gradational interfingered contact.
Plagioclase phyric with minor chlorite altered phenocrysts after amphibole or pyroxene up to 3mm. Plagioclase phenos with indistinct crystal boundaries 1mm.
Calcite stringers overall 10-15 per metre. Epidote common along some vein margins.
« 52.80- 59.80 Chlorite 1»
« Epidote 1.00*» mod. chlorite alteration
< @ 53.50 calcite epidote stringer 10° 3mm >
< @ 53.70 calcite epidote pyrite stringer zone 60° 40mm >
« 55.40- 59.40 Strongly fractured and epidote calcite stringered.
Rusty ground water stained fracture surfaces »
« Weak pyrite in fractures and patchy irregular distribution 1%»

59.80 142.00 Andesite

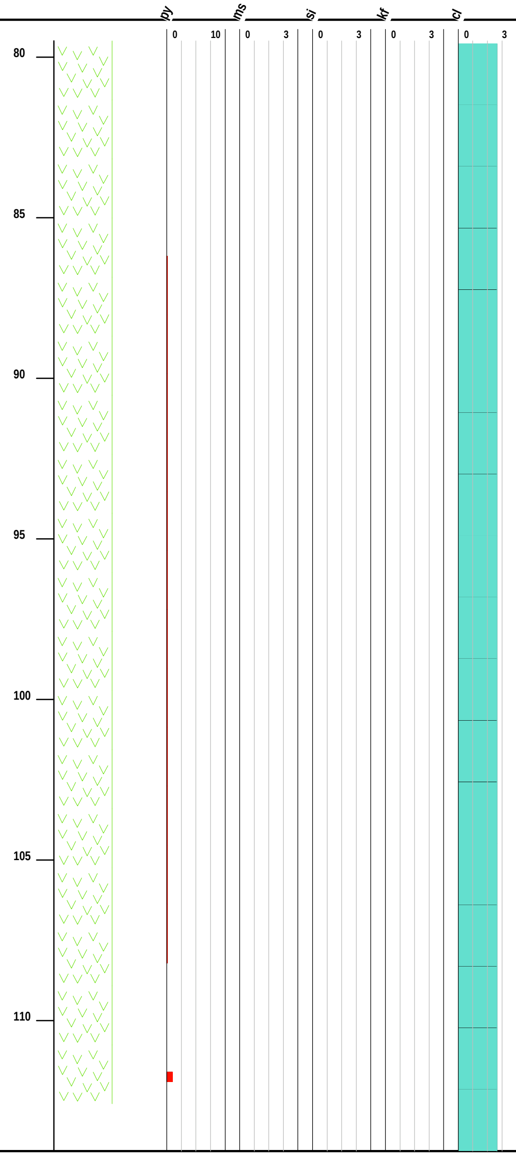
Gradational contact into medium-grained to dark green grey medium-grained grained flow. Minor chloritic mafics = amygdules? or mafic phenos (ampibole or pyroxene?). Minor feldspar phyric sections. Chlorite altered.
Veins/stringers of pyrite, calcite, epidote and minor hematite. Overall pyrite content 1%.
59.8-142.00 mod. chlorite altered
< @ 60.10 vuggy calcite vein 60.00° 15.00mm >
< @ 59.80 rubbly iron stained core = fault? >
< @ 60.80 MO on fracture surfaces >
« 61.20 - 62.70 moly on numerous fracture surfaces 5.00°»
< @ 62.20 Pyrite calcite stringer 50° 13mm >
< @ 62.40 fault along vein 55° >
« 62.80- 63.10 CP and moly Trace amount along fracture planes. weak hematite »
« 62.80- 63.10 Chalcopyrite 0.10%» « Molybdenite 0.10%»
< @ 63.70 calcite stringer with stockwork below 20° >
< @ 63.70 trace moly >< @ 65.70 trace moly >
« 66.00- 67.30 strong epidote fractures variable angles »
< @ 68.60 5cm zone with 2 calcite stringers 1 cm 60° >
« 69.00- 69.20 Rubbly quartz vein with <1% Mo 60°»
< @ 64.30 discontinuous pyrite vein 55° 10mm >
< @ 69.70 discontinuous pyrite stringer 25° 8mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
52.10	53.90	1.80	442236	11	296	6
53.90	55.40	1.50	442237	16	436	9
55.40	57.00	1.60	442238	10	247	7
57.00	58.50	1.50	442239	18	192	20
58.50	60.00	1.50	442241	24	257	5
60.00	61.70	1.70	442242	23	360	86
61.70	63.10	1.40	442243	66	1995	37
63.10	64.60	1.50	442244	21	138	29
64.60	66.10	1.50	442245	59	207	42
66.10	67.60	1.50	442246	25	233	12
67.60	69.20	1.60	442247	57	365	474
69.20	70.70	1.50	442248	333	342	74
70.70	72.20	1.50	442249	9	65	10
72.20	73.60	1.40	442250	23	175	19
73.60	75.30	1.70	442151	-5	98	10
75.30	76.80	1.50	442152	-5	85	8
76.80	78.30	1.50	442153	-5	64	12
78.30	80.80	2.50	442154	-5	64	13
80.80	81.40	0.60	442155	6	124	18
81.40	82.90	1.50	442156	16	99	22
82.90	84.40	1.50	442157	13	107	27
84.40	86.20	1.80	442158	13	190	17
86.20	87.50	1.30	442159	5	77	10
87.50	89.30	1.80	442160	11	168	6
89.30	90.50	1.20	442161	17	110	5
90.50	92.00	1.50	442162	-5	332	3
111.60	111.90	0.30	442163	10	79	441
118.30	119.80	1.50	442165	74	292	31

From To Rocktype & Description

« 69.40- 73.60 Calcite altered, med to pale green »
< @ 69.40 quartz epidote chlorite stringer 60° 15mm >< @ 69.40 EP EP 22.00*
>
< @ 71.00 calcite hematite stringer 15° 10mm >
< @ 72.10 calcite stringer 30° 5cm >
< @ 74.60 quartz stringer with trace moly 65° 5mm >
< @ 76.50 vuggy calcite epidote 35° 3cm >
< @ 78.40 2 calcite hematite veins 25-50° 4mm >
< @ 79.20 quartz vein with chalco and moly trace 70° 5mm>
< @ 80.20 calcite epidote trace Chalcopyrite 30° 5mm >< @ 80.20 Chalcopyrite
0.10% >
< @ 81.80 quartz carbonate vein trace Chalcopyrite and Pyrite 37° 3mm >
< @ 82.80 calcite vein 30° 3mm >
< @ 83.40 calcite veins 55-7° 2mm >
< @ 83.80 calcite and MN? vein with trace CP 80° 2mm >
< @ 85.80 calcite stringered with PY and CP intergrown 3cm >
« 59.80- 86.20 Stringer stockwork is dominantly calcite with lesser
epidote »
« 86.20- 108.20 stringer stockwork is almost entirely epidote »
« significant decrease in sulfides, trace overall »
« 86.20- 108.20 Interval of epidote stringers commonly at 10 to 25, 75to
85 and dominantly at 35. All same event. »
< @ 88.40 epidote stringer with slick plane fault slip weak 65° >
< @ 89.20 epidote calcite vein 50° 1cm >
< @ 90.70 calcite epidote vein 35° 5mm >
« 91.70- 95.00 numerous epidote stringers 35° 2mm»
< @ 99.30 epidote stringers with weak diss Pyrite in wallrock 30-75° 2mm >
< @ 100.80 weak fault slip with trace MO 13° 5mm >
< @ 102.80 epidote calcite stringer 45° >
< @ 103.00 epidote stringer 20° 3mm >
« 108.20- 116.60 Calcite over epidote veining increases »
< @ 106.80 calcite hematite vein 50.00° 15.00mm >
< @ 107.50 calcite hematite vein with PY, TR CP HE 35.00° 5.00mm >
« 108.20- 118.30 Epidote calcite stringered, chlorite altered minor
magnetite stringers »
< @ 108.50 Quartz stringer in weak silicified zone Tr CP 40.00° 5.00mm >
< @ 109.00 magnetite stringers early event 45.00° 5.00mm >
< @ 109.40 magnetite stringers 45° 5mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
119.80	121.00	1.20	442166	18	168	14
121.00	122.50	1.50	442167	29	178	20
122.50	124.10	1.60	442168	52	460	3
124.10	126.60	2.50	442169	7	175	3
126.60	128.10	1.50	442170	9	264	11
128.10	129.50	1.40	442171	56	619	20
129.50	131.10	1.60	442172	11	267	12
131.10	132.60	1.50	442173	-5	141	4
132.60	134.40	1.80	442174	6	226	34
134.40	136.20	1.80	442175	12	125	15
136.20	137.70	1.50	442176	-5	87	26
137.70	139.30	1.60	442177	9	210	35
139.30	140.80	1.50	442178	-5	115	67

Project: Williams_06 **Hole Number:** WM06-4

From	To	Rocktype & Description

« 111.60- 111.90 strongly brecciated and Kspar altered? calcite infill 35-40°»« Trace PY, PO, MO »
« 118.30- 124.10 Strong crackle BX and fracture foliation at top and bottom of interval 35-45°»
« Medium orange grey=Kspar?, calcite variable »
« Py variable trace to 5%, trace moly »
< @ 18.60 pyrite 45° 2mm >
< @ 119.30 calcite chlorite with PY trace MO, CP 65 2mm >
< @ 121.30 pyrite chlorite vein 45° 8mm >
< @ 119.60 Mo on .fracture surface 40° >
« 121.10- 124.10 pyrite blebby, diss and in irregular stringers with calcite 0.5-5% »
« 124.10- 142.00 Dominantly chlorite with very patchy calcite alteration generally surrounding stringers »
« 126.60- 142.00 moderate to strongly calcite stringered after early quartz. »« trace MO in early quartz »
« trace Chalcopyrite with Py and minor calcite »
< @ 126.60 py,cp >< @ 128.70 quartz vein with MO 20° 10mm >
< @ 126.60 calcite stringer xcutting and displacing quartz 18° 8cm >
< @ 129.20 calcite stringer withslick plane 65° 12mm >
< @ 129.50 quartz vein with MO,CP 65° 12mm >
< @ 129.60 weak fault and vein structure 65° >
« 131.60- 132.00 silica kspar? »
« 131.60- 132.00 K-feldspar 2.00*»
< @ 135.00 minor MOin quartz stringer 25° 3mm >
« 135.00- 136.00 strong calcite alteration parallel to stringer 0° 12mm»< @ 137.40 Quartz stringer with MO 40° 5mm >
« 136.00- 142.00 Numerous calcite stringers at 20 to 35 TCA in variable volcanic to volcaniclastic »

142.00 165.30 Volcaniclastic - Undefined

Volcaniclastic. Division from unit above based on recognition of consistent fragments. Arbitrarilly picked at 142.0 metres.
Numerous zones of silica to Kspar?(weak orange-beige colour) which highlights the fragmental nature of the interval. Strongly magnetic.
< @ 142.00 Upper Contact >
« 142.50- 143.00 strong silica »
« Blebby and fracture fill PY 2%»

From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
140.80	142.30	1.50	442179	6	75	21
142.30	143.80	1.50	442180	5	127	64
143.80	144.80	1.00	442181	8	96	25
144.80	145.70	0.90	442183	6	224	6
145.70	147.00	1.30	442184	11	412	11
147.00	148.40	1.40	442185	7	198	9
148.40	149.90	1.50	442186	-5	70	9
149.90	151.50	1.60	442187	-5	23	4
151.50	153.00	1.50	442188	-5	14	23

Project: Williams_06 | Hole Number: WM06-4

From	To	Rocktype & Description

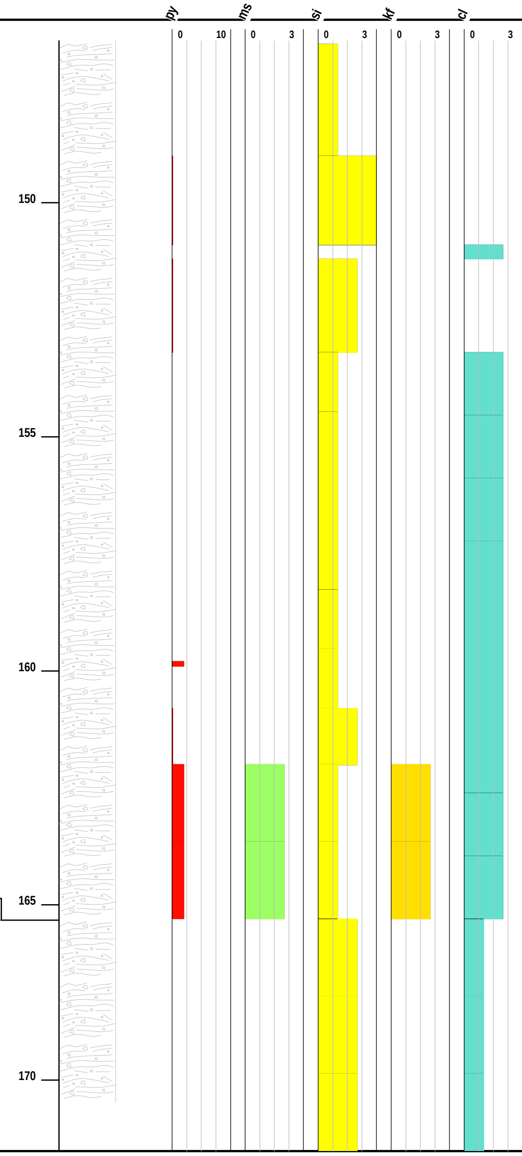
« 143.00- 149.00 Patchy silica alteration as lighter green bands and intervals »
« late calcite veining with minor pyrite 25-40° 2-10mm»
< @ 146.50 pyrite stringer 50° 10mm >
« 149.00- 150.90 strong silicification of heterolithic volcaniclastic »

« 149.00- 150.90 weak PY »
« 150.90- 151.20 chlorite magnetite »
« 151.20- 153.20 moderate pale green silicification »
« calcite veins parallel TCA and 35 to 60 »
« Minor Py, Tr Mo in Quartz and fracture planes,Cp with PY »
« 153.20- 165.30 Dominantly chlorite with patchy silica »
« 153.20- 165.30 Silicification 1.00*»
« 153.20- 165.30 trace CP,MO,pyrite < 1% overall »
« 159.80- 159.90 Quartz Pyrite magnetite vein 80.00° 10.00cm»
« trace CP, pyrite, 20.00%»
< @ 159.60 pyrite and CP trace 80.00° 1.00cm >
< @ 160.00 pyrite band 80.00° 1.00cm >
< @ 160.80 quartz stringer withMO 35.00° 8.00mm >
< @ 161.90 calcite PY vein 50.00° 3.00cm >
« 160.80- 162.00 moderate silica, weak MS »« Tr PY »
« 162.00- 165.30 Variable chlorite silica MS with brown orange patches=Kspar? »
« 162.00- 165.30 Silicification 2.00*» « Sericite 2.00*» « K-feldspar »

« PY as fracture fill 2.00%»

165.30 192.10 Volcaniclastic - Undefined

Sharp alteration contact. Unit is very strongly bleached resulting in a pale green beige unit, strongly fractured. Remnant ghost fragments of volcaniclastic protolith. Chlorite on fracture planes. Fracture orientation=extreme mosaic! Distinct quartz stringers all less than 5mm with scattered diss. Mo. Alteration silica? or albite? Late calcite veining at irregular orientation. Trace Cp with calcite. Non magnetic throughout.
« Chlorite 2.00*» « Molybdenite 0.10%» « Silicification 2.00-3.00*» « Chalcopyrite 0.10%»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
153.00	154.50	1.50	442189	7	125	26
154.50	156.00	1.50	442190	5	158	67
156.00	157.60	1.60	442191	-5	225	70
157.60	159.00	1.40	442192	12	652	183
159.00	160.60	1.60	442193	8	352	73
160.60	162.10	1.50	442194	16	189	410
162.10	163.70	1.60	442196	8	369	45
163.70	165.30	1.60	442197	5	249	333
165.30	166.70	1.40	442198	-5	48	60
166.70	168.20	1.50	442199	5	11	43
168.20	169.80	1.60	442200	-5	13	93
169.80	171.20	1.40	442251	43	1080	61
171.20	172.80	1.60	442252	8	32	107
172.80	174.30	1.50	442253	5	19	54
174.30	175.90	1.60	442254	5	8	60
175.90	177.10	1.20	442256	-5	6	69
177.10	178.90	1.80	442257	10	6	32

Project: Williams_06 Hole Number: WM06-4

From To Rocktype & Description

< @ 165.60 MO on fracture plane >
< @ 166.40 MO in quartz stringer 65° 1mm >
« 170.00- 171.20 MO on fracture surfaces and with quartz stringers -60°0° 1-3mm»
< @ 171.60 MO in quartz stringer 1mm >
« 171.60- 172.30 Irregular quartz chlorite pyrite veining with minor CP 25-40° 15-25cm»
« 171.60- 172.30 Chalcopyrite 0.10%»
< @ 175.50 MO on fracture with quartz 1mm >
< @ 176.30 MO in quartz stringer 2° 1mm >
< @ 177.10 MO in quartz stringer 50° 1mm >
< @ 177.30 MO on fracture surface >
< @ 180.00 MO in quartz stringer 60° 1mm >
< @ 182.10 MO in quartz stringer, discontinuous 60° 1mm >
< @ 182.30 MO in quartz stringers 20-30° 1mm >
« 185.30- 185.80 strongly Pyrite Quartz vein, minor MO PY 15% 30cm»
« hanging wall, footwall 30-30°»
< @ 186.10 Qz and PY in erratic vein 5cm >
< @ 188.80 Tr CP >
< @ 189.30 MO in quartz stringer 60° 1mm >
« 189.50- 192.10 Increasing pink to pale purple grey. introduction of more chlorite and obliteration of fragments or absence of frags »
« 189.30- 192.10 Chlorite 2.00-3.00*»

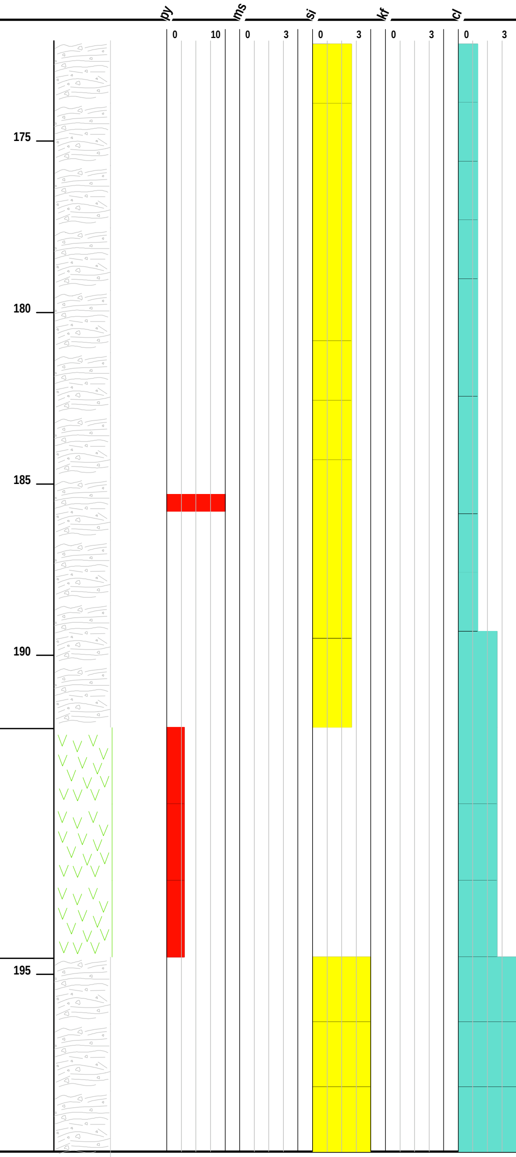
192.10 194.60 Andesite

Dark green to mottled mixed zone of intermediate volcanic or possibly diorite. Strongly magnetic. Contact with above unit is weakly interfingered suggesting possible intrusion. Extremely fractured and stringered with chlorite and calcite, fragments of above and below siliceous altered material. Pyrite throughout as fracture fill.« PY as fracture fill 3-5%»« moderate chlorite »

« Chlorite 2.00*»

194.60 199.30 Volcaniclastic - Undefined

Very strongly broken. Dominantly silica? or albite? altered. Light green-grey. Strongly chlorite stringered. Calcite and chlorite healed breccia zones. Weakly pyritic, <1%
« 196.30- 196.80 strongly brecciated and partially healed with calcite and chlorite. Fault? »
« Chlorite 3.00*» « Silicification 3.00*»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
178.90	180.40	1.50	442258	32	5	12
180.40	182.00	1.60	442259	17	5	103
182.00	183.50	1.50	442260	40	10	44
183.50	185.30	1.80	442261	108	46	15
185.30	185.80	0.50	442262	2310	118	238
185.80	187.20	1.40	442263	177	52	44
187.20	188.10	0.90	442264	38	43	12
188.10	189.60	1.50	442265	36	117	11
189.60	191.10	1.50	442266	13	26	8
191.10	192.10	1.00	442267	11	38	7
192.10	194.60	2.50	442268	122	381	5
194.60	196.30	1.70	442269	70	291	44
196.30	197.20	0.90	442270	35	70	12
197.20	199.30	2.10	442272	25	72	29

Project: Williams_06 **Hole Number:** WM06-4

From	To	Rocktype & Description
199.30	210.70	Diorite

Medium green grey. Medium to fine-grained grained, equigranular. Hornblende laths to 5mm, modal 1.5 mm, set in fine-grained grained matrix. Possibly intermediate flow. Moderate to strongly magnetic where fresh. Moderately stringered with calcite and epidote. Upper contact is mixed between the above strongly altered volcanics and interfingers of diorite. Strongly chlorite stringered.

< @ 199.30 Upper Contact > « Magnetite 5.00-10.00%»

< @ 203.80 trace CP diss >

« 204.30- 205.00 Silica? or Albite? altered, overprint with HE giving a pink to purple cast. »

« brecciated to crackle brecciated »

« PY as fracture fill 3%»

< @ 205.90 epidote calcite stringer 3° 3mm >

« 206.10- 206.20 silica? or albite? with He »« crackle breccia »

« 207.50- 207.70 Silica? Albite?, calcite stringered »

« PY as fracture fill 5°»

< @ 208.00 porphyritic with HB laths to 5mm >

« 208.30- 210.10 Fine grained diorite or coarse-grained grained flow. Absence of HB phenos. chlorite altered. Andesite »

« 208.30- 210.10 Chlorite 2.00*»

« 210.10- 210.70 Ands becomes incresingly fractured from crackle breccia to angular fragments up to 1cm. Composition is monolithic. Fractures are all chlorite +/- silica »

« pink grey altered. Albite? Silica hematite? »

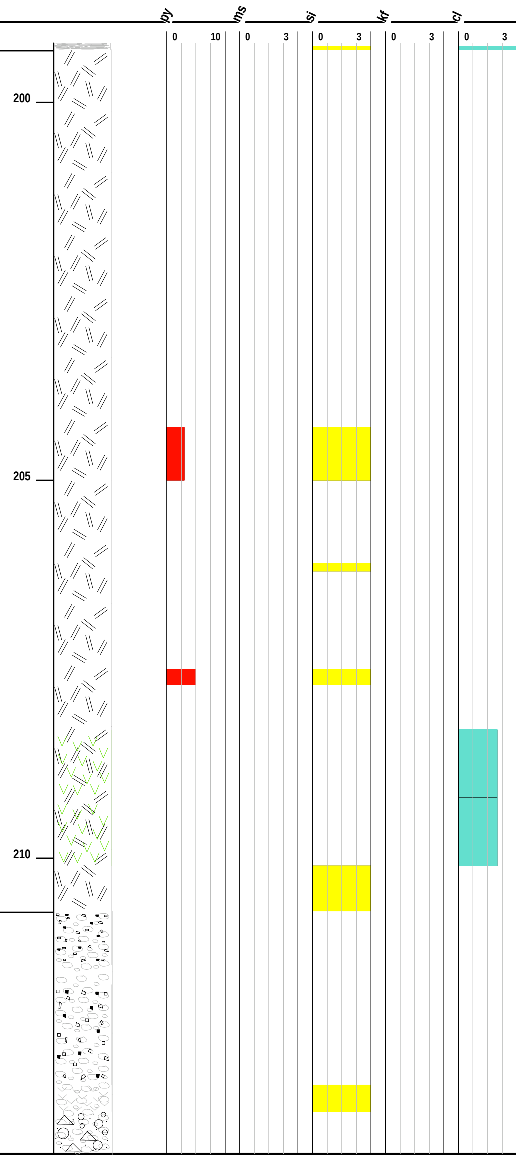
From	To	Rocktype & Description
210.70	218.00	Conglomerate

Ugly unit. Variable texture from crackle breccia to monolithic altered volcanic to monolithic fragment conglomerate to heterolithic conglomerate. Variation in texture throughout.

« 210.70- 211.50 Med pink grey frags in dk green matrix. Variable between primary volccl fragments and secondary altered brecciated fragments. Heterolithic. Fragments Volcaniclastic - Undefined »

« 211.50- 211.80 Mod. magnetite alteration »

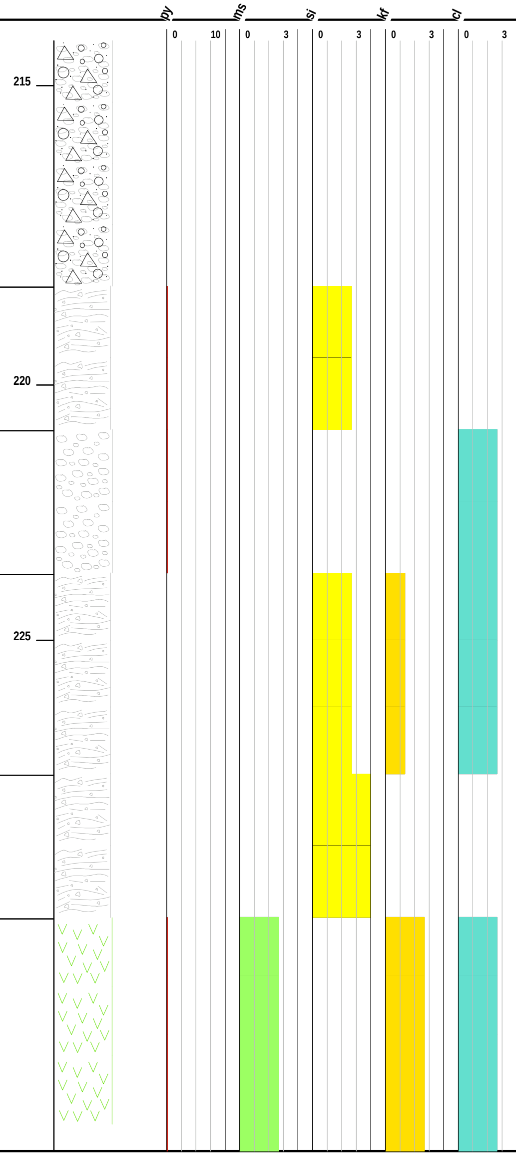
« 211.80- 213.30 Heterolithic grain supported, modal size <5mm. Fragments



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
199.30	199.90	0.60	442273	59	89	44
199.90	201.80	1.90	442274	-5	169	2
201.80	203.30	1.50	442275	-5	31	2
203.30	204.30	1.00	442276	201	356	1
204.30	205.00	0.70	442277	45	69	12
205.00	206.30	1.30	442278	28	66	15
206.30	207.50	1.20	442279	14	9	1
207.50	209.40	1.90	442280	37	25	2
209.40	210.10	0.70	442281	45	218	25
210.10	210.70	0.60	442282	89	94	1
210.70	212.40	1.70	442283	23	175	5
212.40	214.30	1.90	442284	30	32	16
214.30	215.80	1.50	442286	207	45	4
215.80	217.90	2.10	442287	29	32	3

Project: Williams_06 **Hole Number:** WM06-4

From	To	Rocktype & Description
		dominantly med pink grey altered volcanics »
		« 213.30- 213.70 volcaniclastic strongly fracture Volcaniclastic - Undefined »
		« pale pink grey silica? or albite »
		< @ 213.40 Trace MO >
		« 213.70- 218.00 Heterolithic clast supported. All fragments siliceous or silicified. Albitized? Conglomerate »
		« Pyrite chlorite stringers PY 1.00%»
218.00	220.90	Volcaniclastic - Undefined
		Medium to pale grey green. Distinct <4mm fragments in silica altered and strongly broken unit . Trace PY
		« Silicification 2.00*» « Pyrite 0.10%»
220.90	224.00	Conglomerate
		Similar to above units with strongly altered fragments, angular to subrounded. Strong chlorite matrix and chlorite stringered. Trace PY. < @ 224.00 basal contact fault 35° > « Chlorite 3.00*» « Pyrite 0.10%»
224.00	227.00	Volcaniclastic - Undefined
		Medium green, strongly broken, moderate silica or albite alteration. Minor Kspar. Strong fracture network. Basal contact = breccia zone with very angular strongly altered fragments in a chlorite altered matrix.< @ 227.00 fault breccia 25° >
		« Silicification 2.00*» « K-feldspar 1.00*» « Chlorite 2.00*»
227.00	227.70	Volcaniclastic - Undefined
		Strongly silica or albite altered . Breciated and calcite veined basal contact.
		« Silicification 3.00*»
227.70	230.70	Andesite
		Medium green grey, med. to fine-grained grained. Strongly broken with chlorite on all fractures. Slicks on some surfaces. Minor MO on late fracture surfaces. Trace to 1% pyrite as fracture fill and on chloritic fractures. Mod. magnetic.
		« Chlorite 2.00-3.00*»
		« Sericite 2.00*»
		« K-feldspar 2.00*» « Pyrite 0.10-1.00%»
		« Molybdenite 0.10%»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
217.90	220.90	3.00	442288	13	11	1
220.90	221.60	0.70	442289	10	14	1
221.60	223.10	1.50	442290	11	11	16
223.10	224.60	1.50	442291	7	16	4
224.60	226.10	1.50	442292	19	7	18
226.10	227.70	1.60	442293	9	46	2
227.70	229.20	1.50	442294	11	45	82
229.20	230.70	1.50	442295	16	42	189

From To Rocktype & Description

« moderate sericite with Kspar? Increased chlorite. »
< @ 228.20 moly on fracture >
< @ 229.10 MO on fracture surfaces >

230.70 243.50 Volcaniclastic - Undefined

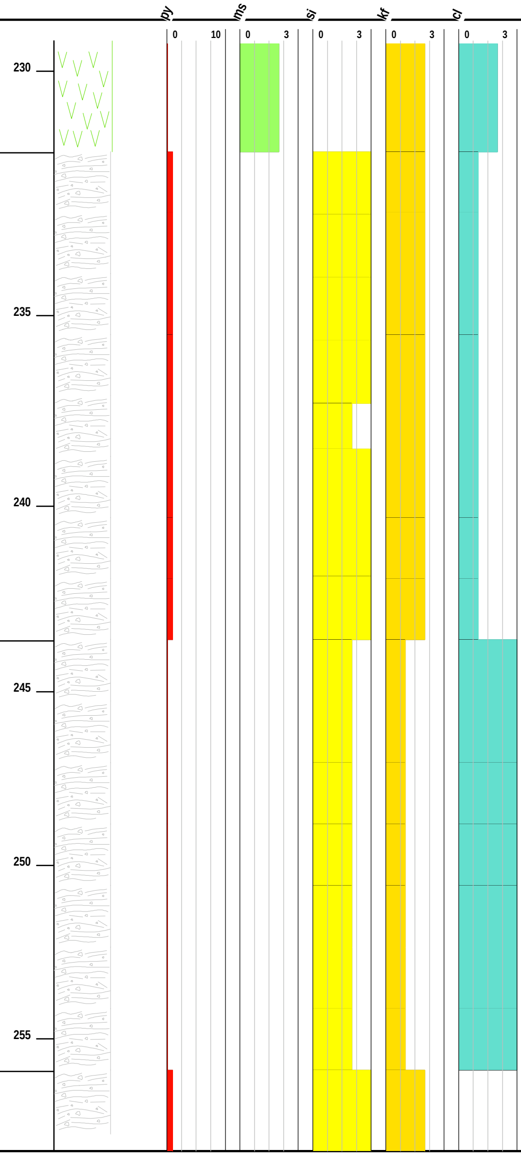
Mottled colour due to variable alteration. Ranging from light grey to orange and green. Numerous darker stringers and fractures with chlorite and occasional pyrite. Primary fragments are readily visible to indistinct to unobservable due to degree of alteration. Moderate to weakly magnetic.
« Strong silica or albite? » « K-feldspar 2.00*» Kspar overprint « Chlorite 3.00*» Strong chlorite on fractures
« Magnetite 5.00%»
« Pyrite 1.00%»
« late calcite stringers as very fine-grained net »
« 237.30- 238.50 Weak purple grey in silica alteration = weak HE? strongly broken »
« weak fault ? »
< @ 240.10 chloritic fault 30° >
« 240.70- 243.50 strong parallel calcite stringers in late fracture system 55°»

243.50 255.90 Volcaniclastic - Undefined

Very strongly broken core. Strong chlorite fracture system throughout. Medium green with minor orange green near top of interval (kspar). Distinct angular fragments in fine-grained grained matrix . Fragments to 2cm. Erratic magnetite content as stringers and replacement. Overall trace to 1% PY. « Pyrite 0.10-1.00%» « Chlorite 3.00*» « K-feldspar 1.00-2.00*» « Magnetite 5.00%»
« Moderate silica alteration »
< @ 246.00 Trace MO >
< @ 246.60 Magnetite pyrite stringer, discontinuous, faulted 3mm >
< @ 248.00 Pyrite along fault plane 40° 1mm >
< @ 248.10 Py on fracture plane 40° 1mm >
< @ 252.60 Pyrite chlorite magnetite stringer. Discontinuous. >
< @ 255.40 Late chlorite calcite clay slip plane 20° 3cm >

255.90 272.50 Volcaniclastic - Undefined

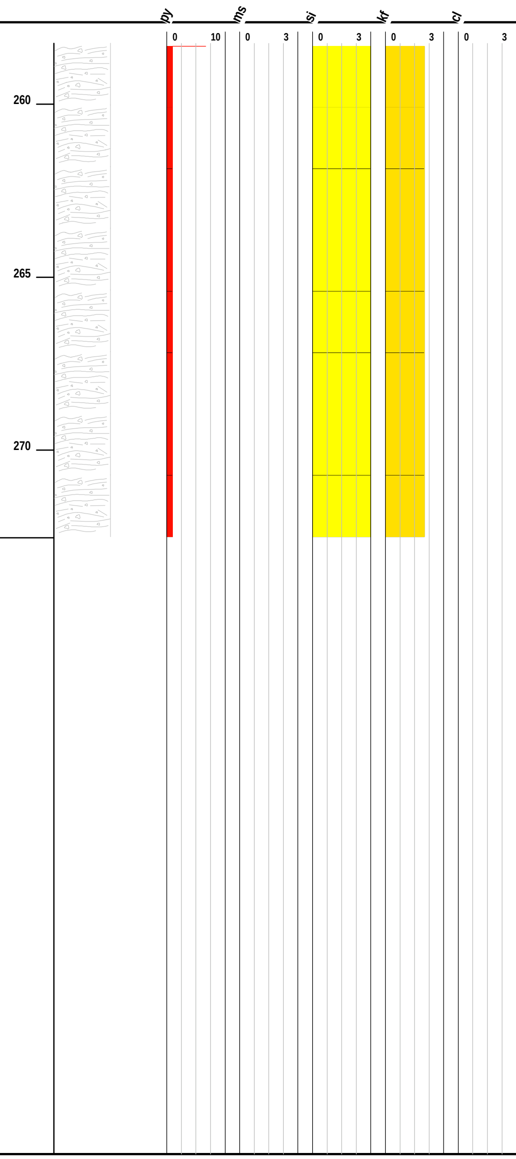
Volcaniclastic fragments visible throughout entire interval. Very hard, mottled colour, medium-grained to light pink to orange grey. Very strongly



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
230.70	232.20	1.50	442296	16	11	72
232.20	233.80	1.60	442297	10	6	33
233.80	235.30	1.50	442298	14	5	10
235.30	236.80	1.50	442299	22	12	12
236.80	238.30	1.50	442301	33	11	13
238.30	239.90	1.60	442302	-5	7	32
239.90	241.40	1.50	442303	8	22	23
241.40	242.90	1.50	442304	10	20	18
242.90	244.10	1.20	442305	-5	10	9
244.10	246.00	1.90	442306	-5	6	17
246.00	247.50	1.50	442307	-5	18	20
247.50	249.00	1.50	442308	7	12	34
249.00	250.50	1.50	442309	-5	5	28
250.50	252.10	1.60	442310	-5	10	18
252.10	253.60	1.50	442311	-5	69	3
253.60	255.10	1.50	442312	6	15	13
255.10	256.60	1.50	442313	-5	9	9
256.60	258.20	1.60	442314	-5	11	14
258.20	259.00	0.80	442315	8	21	46
259.00	259.70	0.70	442317	8	18	29

Project: Williams_06 **Hole Number:** WM06-4

From	To	Rocktype & Description
		fractured throughout. Two distinct phases of fracturing. 1) as intense fracturing of strongly altered vclc, then2) later chloritic fracturing of brittle core healed from 1st event. Weak pyrite mineralization as discontinuous stringers, clots, disseminations and along some chloritic fractures. Dominantly weak to non magnetic but strongly magnetic in chlorite magnetite fracture infill zones. Late very fine-grained grained calcite stringers. « silica (or albite) strong with moderate Kspar » « K-feldspar 2.00*» « Pyrite 1.00-3.00%» < @ 258.50 10 cm chlorite fault breccia with altered vclc fragments > « 266.10- 266.40 strongly brecciated and chlorite magnetite filled » « 267.00- 267.40 Quartz stringers with minor pyrite 50-65° 3mm» < @ 269.50 MO on fracture surface 45° > < @ 270.50 discontinuous Qz stringer 40° 5mm > < @ 270.90 Magnetite stringers 30° 1mm > « 271.50- 272.50 Strongly broken core and very chloritic fracturing »EOH
272.50	272.50	EOH



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
259.70	261.20	1.50	442318	7	25	11
261.20	262.70	1.50	442319	-5	55	3
262.70	264.30	1.60	442320	6	60	2
264.30	265.80	1.50	442321	6	157	2
265.80	267.30	1.50	442322	14	45	15
267.30	268.80	1.50	442323	8	33	21
268.80	270.40	1.60	442324	6	39	52
270.40	271.90	1.50	442325	8	122	43
271.90	272.50	0.60	442326	-5	46	12

Drill Log Legend

	CASING Casing	Diorite
ANPP	Conglomerate	Volcaniclastic - Undefined
Andesite	Conglomerate	Volcaniclastic - Undefined
Andesite	Conglomerate	Volcaniclastic - Undefined

DRILL LOG

EQUITY ENGINEERING LTD.

Project: Williams	**Collar Elevation (m):** 1534.0
Hole WM06-5	**Azimuth (º):** 0.0
Location: 6408169 m North 574284 m East	**Dip (º):** -60.0
Logged by: R. Kutluoglu	**Length (m):** 276.50
Drilled by: Falcon Drilling	**Horizontal Projection:**
Assayed by: ALS Chemex	**Vertical Projection:**
Core Size: BTW	
Date Started: 2006/09/23 **Date Completed:** 2006/09/03	
Dip Tests By: Acid @ 187m -65	
Objective	

Summary Log:

Downhole surveys:

Depth	Dip	Azimuth
187.00	-65.00	0.00
253.00	-60.00	0.00

Project: Williams_06 **Hole Number:** WM06-5

From	To	Rocktype & Description
0.00	14.30	Casing

all rubble, mostly ANDS. moderate epidotization.

From	To	Rocktype & Description
14.30	77.70	Andesite

very fine-grained grained, medium-grained to dark green. moderate chloritization with spotty magnetite blebs and fine-grained grains. overall weakly chloritized. weak to moderate EP +/- CL +/- MG narrow and vuggy veins, with minor alteration into wallrock, variable angles TCA, 0 to 20 & 60 to 80. variable angle CA +/- QZ veins, variable thickness, 1mm to 5mm. trace CP in blebs and with PY.

« Chlorite 2.00*» « Magnetite 5.00%» « Epidote 2.00*»

« fracture density >30/m»

« pyrite as veins FF and disseminated in wall rock 5-7% ~1mm» « Molybdenite 1.00%»

< @ 14.40 possible trace CP on PY FF. >

< @ 14.70 rusty shallow fracture, trace PY 45° 1mm >

< @ 15.80 CA+QZ vein 60° 3mm >

< @ 16.00 PY + MG + EP + CL + minor CA vein 60° 2mm >

« 16.30- 17.45 epidote veins / stockwork, vuggy, within a segment of brecciated ANDS, Andesite strongly altered (EP + CL) around veins. Clasts of Andesite w/in fine-grained grained ANDS, with stronger CL alteration »

< @ 17.20 trace CP? in PY FF & EP vein >

< @ 17.75 trace FF MO 55° >

< @ 17.80 trace Chalcopyrite in QZ+CA vein 50° >

< @ 20.60 PY + MG + EP + CL vein 60° 1mm >

« 21.90- 22.30 EP + PY + MG stringers 60 & 70 TCA 1mm»

< @ 23.50 PY + MG vein with epidotized margins 25° 1mm >

< @ 22.50 Trace CP FF Bleb w/ EP FF 60° >

< @ 23.90 vuggy EP bleb, with magnetite wispy stringers 60° 2cm >

« 25.10- 25.30 CA BX, clasts 1mm to 1cm trace CP, MO on fracture »

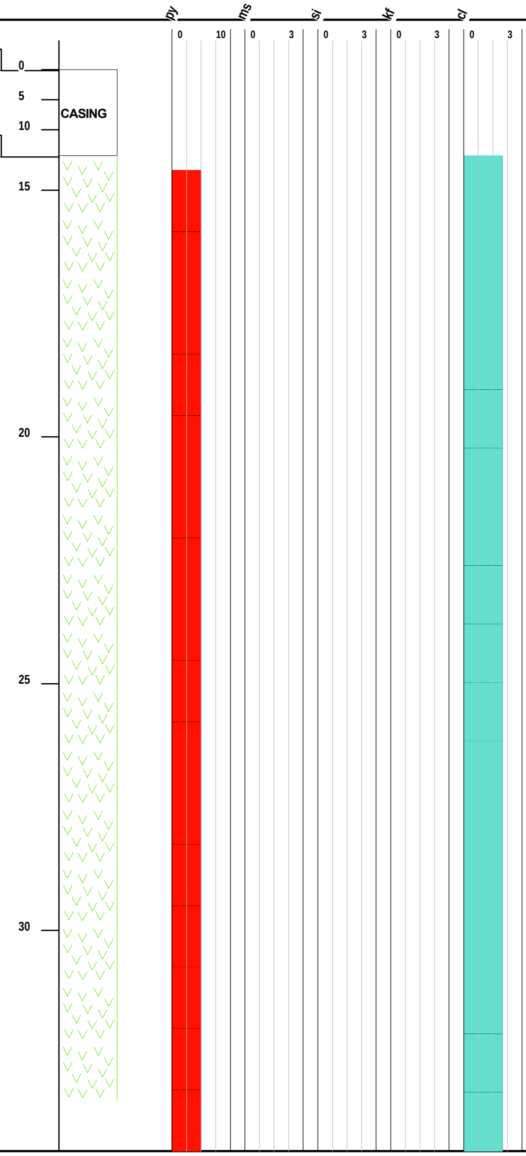
« 25.10- 25.30 Molybdenite 0.10%» « Chalcopyrite 1.00%»

< @ 25.70 trace MO on Fracture plane >

< @ 27.80 trace MO on fracture, rubbled core >

« 28.90- 29.60 lighter green, with a mottled texture, stronger EP alteration, mafic clasts, non magnetic, EP + CL stringers, trace carbonate fractures, sub mm thickness. PY + EP stringers »

« 28.90- 29.60 Epidote 2.00*»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
14.30	15.90	1.60	442327	9	266	15
15.90	17.40	1.50	442328	36	616	7
17.40	20.40	3.00	442329	5	191	20
20.40	21.90	1.50	442331	5	240	12
21.90	23.50	1.60	442332	10	489	18
23.50	26.50	3.00	442333	12	473	20
26.50	29.60	3.10	442334	18	488	38
29.60	32.60	3.00	442335	21	599	15
32.60	34.20	1.60	442336	160	612	4
34.20	35.70	1.50	442337	17	934	29
35.70	37.20	1.50	442338	7	202	13
37.20	38.70	1.50	442339	11	155	34
38.70	40.00	1.30	442340	8	307	9
40.00	41.80	1.80	442341	13	591	10
41.80	43.30	1.50	442342	15	780	21
43.30	44.80	1.50	442343	9	414	16
44.80	46.30	1.50	442344	12	435	17
46.30	47.90	1.60	442346	9	273	12
47.90	49.40	1.50	442347	22	783	34
49.40	50.90	1.50	442348	16	417	9
50.90	52.40	1.50	442349	34	1065	16
52.40	53.90	1.50	442350	60	862	5
53.90	55.50	1.60	442351	21	711	9
55.50	57.00	1.50	442352	8	269	48
57.00	58.50	1.50	442353	23	798	23
58.50	60.00	1.50	442354	15	641	7
60.00	61.60	1.60	442355	11	538	4
61.60	63.10	1.50	442356	8	683	29
63.10	64.60	1.50	442357	7	589	14
64.60	66.10	1.50	442358	5	433	25
66.10	67.60	1.50	442359	7	437	55
67.60	69.20	1.60	442360	25	959	24
69.20	70.70	1.50	442362	16	697	23
70.70	72.20	1.50	442363	17	569	15
72.20	73.80	1.60	442364	11	508	60

*graphic log not to scale

Project: Williams_06 **Hole Number:** WM06-5

From To Rocktype & Description

« 30.60- 31.20 Chlorite breccia, with EP + PY in matrix, along clasts + PY within clasts, DIS + FF. FF carb alteration »

< @ 32.50 PY+EP+MG+CA shallow vein, fine-grained grained PY cubes 20.00° 2.00mm >

< @ 32.90 blebby PY+MG+EP in stringers perp TCA 90.00° 1.00cm >

< @ 33.30 Trace CP? in a narrow PY + EP vein 90.00° 2.00mm >

< @ 34.60 trace CP in blebby pitted PY + EP vein 85.00° 1.00cm >

« 34.80- 35.40 possible flow breccia, variable clast size, moderately CA altered matrix, with blebby stringers CA . fine-grained grained magnetite. moderately CL'd »

« 34.80- 35.40 Chlorite 2.00*»

< @ 34.90 Trace CP in blebby PY+CA stringer veinlet 20.00° 2.00mm >

< @ 35.10 trace MO in PY veinlet 85.00° 2.00mm >

< @ 35.20 Trace MO smear along CL+EP+PY fracture 55.00° 1.00mm >

« 34.80- 42.70 moderate CA alteration with blebby stringers +/ QZ +/ MG, light green. Trace MG fine-grained grained and stringers. 1.00cm»

< @ 36.11 Trace CP in bleb of CA >

< @ 36.15 PY+CA+MG vein 85° 1cm >

< @ 36.40 Blebby PY+CL+MG+CA+CP >

< @ 36.50 vuggy CA vein w/ PY+MG with blebby PY + MG 85° 1cm >

< @ 37.00 CA +CL+PY+MG wispy blobs with possible flow BX texture, homogenious clasts of Andesite w/in Andesite >

< @ 38.80 CA+PY+MG+CP? vein 85° 5mm >

< @ 39.00 PY+ trace CP vein 85° 3mm >

< @ 40.00 PY+CA vein 90° 3mm >

< @ 43.30 QZ+PY+EP+MG stringers 85° 2cm >

« 42.10- 43.30 carbonate stringers, blebby, undular orientation, EP+PY within and along edges of stringers »

« 43.30- 57.00 EP veins vs. previous CA veins variable angle TCA. 0 to 25, 40 to 90. 1mm to 5mm thickness, minor wallrock alteration, penetration to 2mm on edges of veins »

< @ 47.50 trace CP? in PY+EP+MG vein 85° 2mm >

< @ 53.40 trace CP in PY+EP vein, cutting CA veinlet 70° 1mm >

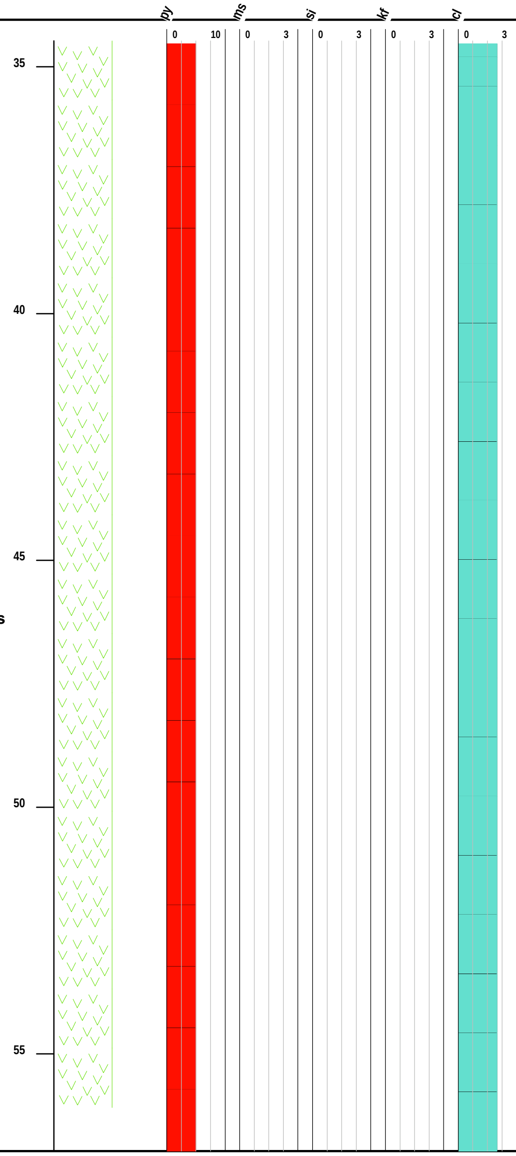
< @ 49.50 trace CP in PY+EP+trace CA stringer 85° 2mm >

< @ 53.90 trace CP in PY+EP + CL vein >

< @ 56.00 trace CP? in PY stringers broken core >

« 57.60- 57.90 EP stringers, FF multiple, alteration moderate to strong in wallrock, with PY + trace CP. EP post CL & pre CA (both minor) »

« 57.60- 57.90 Epidote 1.00*» « Chlorite 1.00*»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
73.80	75.30	1.50	442365	5	545	81
75.30	76.80	1.50	442366	13	555	50
76.80	77.70	0.90	442367	34	1215	45

From	To	Rocktype & Description

< @ 59.10 trace CP in EP+PY stringers cross cutting CA stringers. >

« 59.90- 60.00 highly fractured Andesite with stringers of PY + EP + trace CP, CA + trace CP. MG vein. whole segment all weakly silicified, late QZ along fractures »

« 59.90- 60.00 Silicification 1.00*»

< @ 60.10 trace CP in CA blebby stringers >

« 60.40- 77.70 MG specs to mottled alteration in ANDS, weak to strongly magnetic. alteration. »

< @ 62.00 trace CP on CA stringer, broken core >

< @ 61.80 trace CP in CA stringer. broken core >

« 64.80- 71.20 amygdoidal flow, amygules CL or CA both +/ PY. »

< @ 63.50 trace CP in PY+EP stringers, broken core. >

< @ 65.80 Trace MO smear on fracture, broken core >

< @ 65.90 trace CP on PY+EP fracture. Broken core >

< @ 66.20 Trace CP in CA stringer, broken core >

< @ 67.00 trace MO on margin of CA vein, broken core >

< @ 68.20 trace CP in PY vein pLL TCA >

< @ 73.60 trace MO + CP? on uneven broken fracture plane 20-40° >

< @ 74.10 trace MO on fracture plane, and in CA stringer 25-75° 2mm >

< @ 74.10 trace CP w/ PY+CA 85° 2mm >

< @ 74.70 fault plane, marked by slickenslide 10° >

< @ 75.10 trace CP in PY+CA vein 60-20° 1mm >

< @ 75.30 trace MO on margin of CA+PY vein 80 2mm >

< @ 75.70 trace MO on fractured rubbled core >

< @ 75.50 trace CP in QZ+CA+PY+CL vein 85° 4mm >

< @ 76.20 trace MO on fracture plane of rubbled core >

< @ 76.50 trace CP in PY+CA+MG vein 85° 3mm >

< @ 76.60 MO FF coating (TRACE) 70° >

« 76.80- 77.20 MG + CA stringer / stockwork, alteration margins weak K_spar? »

« 76.80- 77.20 K-feldspar 1.00*»

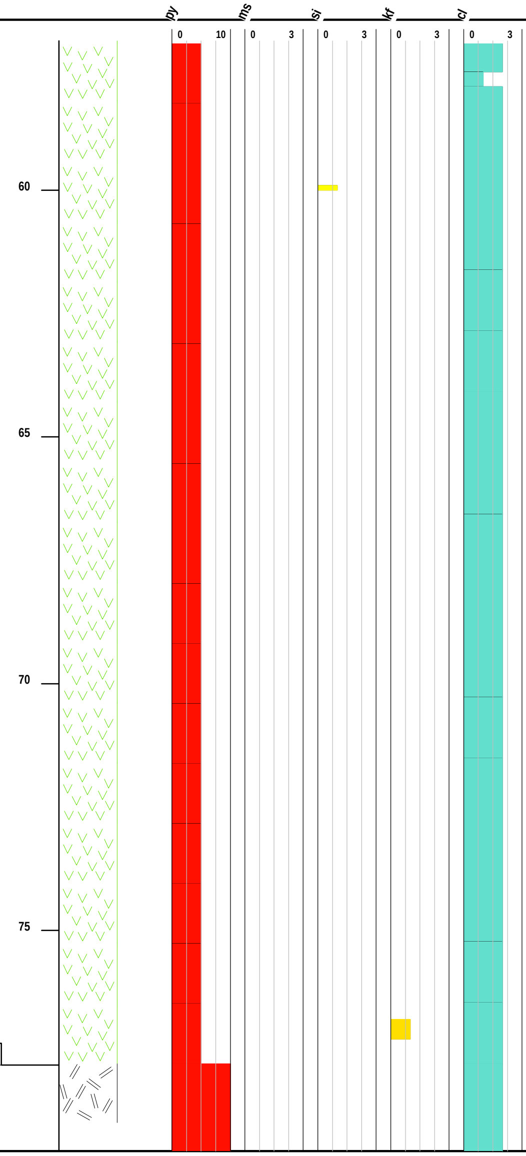
< @ 77.10 trace CP in CA+PY+MG vein 85° 2mm >

< @ 77.20 PY+CP+CA+QZ vein, (CP = 25% OF VEIN) 45° 2mm >

< @ 77.50 trace CP in PY+MG+CA veins 80-55° 1mm >

77.70 94.60 Monzonite

Medium to light orange grey. Porphyritic plag crystals modal size 2mm, fuzzy crystal boundaries, matrix dominantly k-spar, light grey orange with interstitial PY / CL / EP. microfractures w/CA +/- PY. Variable alteration,

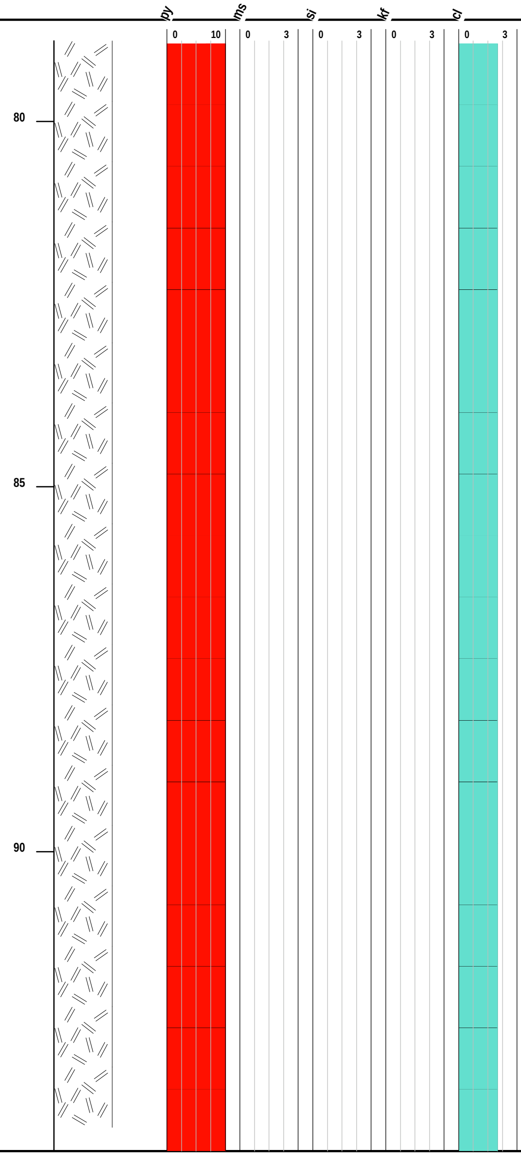


From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
77.70	79.30	1.60	442368	19	638	44
79.30	80.40	1.10	442369	12	594	18
80.40	81.40	1.00	442370	16	487	95
81.40	82.90	1.50	442371	15	505	32

From To Rocktype & Description

possibly due to silicification, showing less pink to white feldspar segments.

« 77.70- 94.60 FF CL alteration, moderate to strong, variable angles TCA »« CA stringers at various angles TCA, 10 to 20 & 35 to 90 +/- PY +/- MG +/- EP »
« 77.70- 87.00 fracture density 20/m »
«77.70- 94.60 PY as disseminations, blebs and stringers 10%»
< @ 78.20 trace MO on fracture plane, rubbled core >
< @ 79.50 trace CP in CA stringer junction point (pLL & perp TCA) >
< @ 79.80 trace CP in narrow CA stringer 45° 1mm >
« 79.80- 80.00 flat lying MG +CA vein 5° 4mm»
< @ 79.50 Trace DIS CP FF >
< @ 80.90 trace DIS CP in bleb MG+CA and in stringer PY+MG 1 cm apart 90° 1mm >
< @ 81.10 MG+CA vein, with Trace DIS MO in stringer, Trace CP in stringer, 30° 3cm >
< @ 81.30 specularite FF on shallow fracture plane 50° 1mm >
< @ 81.30 trace MO smears on fracture plane 15° >
< @ 82.40 trace DIS CP in a CA+MG stringer, 40° 3mm >
< @ 82.70 trace MO smear on fracture plane 30° >
< @ 84.10 large bleb of PY in fractured core 2cm >
< @ 85.20 DIS CP along fracture 60° >
< @ 85.30 trace bleb of CP on fracture 80° >
< @ 85.40 Trace MO on fracture plane, full coating 55° >
< @ 85.45 trace CP in PY+MG+CA blebby stringer 40° 3mm >
< @ 85.60 Trace MO smears across surface of fracture plane/CA vein 85° >
< @ 85.80 trace CP in disjointed CA stringer 20° >
< @ 86.10 wide CA+MG+PY+EP+CP? stringer 60° 3cm >
< @ 87.00 trace dis CP on fracture plane 40.00° >
< @ 87.10 Specularite on fracture plane 15.00° >
< @ 88.00 thick FF of MG 5.00° 2.00mm >
< @ 88.20 Trace CP DIS on fracture plane 0° >
< @ 89.50 small bleb of CP on CL fracture plane 85.00° >
< @ 90.30 Slickenslide fault plane 15.00° >
< @ 90.55 Trace CP on fracture plane 40.00° >
< @ 92.20 Trace CP in flat lying PY + CA vein 5.00° 1.00mm >
< @ 93.20 Trace CP in CA + PY vein, flat and 60 60.00°0° 1.00mm >
< @ 94.20 Trace CP in MG + CA belbby stringer 45.00° 3.00mm >



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
82.90	84.40	1.50	442372	16	535	52
84.40	86.00	1.60	442373	40	1175	26
86.00	87.50	1.50	442374	14	368	18
87.50	89.00	1.50	442376	11	278	7
89.00	90.50	1.50	442377	9	138	3
90.50	92.00	1.50	442378	29	973	17
92.00	93.60	1.60	442379	33	966	6
93.60	94.60	1.00	442380	9	407	16

Project: Williams_06 Hole Number: WM06-5

From	To	Rocktype & Description
		< @ 94.25 Trace CP blebs in CA + MG stringers 45.00 5.00mm >
94.60	183.00	Volcaniclastic - Undefined

Medium Green to black, fine-grained grained. variable texture, clasts variable between 1mm to 5cm, with possible larger clasts. Heterolithic clasts, K-spar? alt, Andesite flows, MG, CL altered, ANDS. (to 15cm). mottled texture at contact, CL + MG alteration, moderate to strong.

« strongly chloritized fractures »

« 94.61- 110.40 fracture density overall >30/m, small sections ~.5m 15/m density. »

« PY as FF, DIS w/in unit, and blebs 5% 1-8mm»

« CA +/- HE +/- MG +/- PY +/- QZ variable angles from 0 to 35 TCA & 45 to 90 TCA, stringer density 20/m 1-4mm»

« EP +/- PY +/- CL +/- MG lesser extent then Andesite and MONZ units, density 5/m very narrow, variable angle TCA 1mm, less consistent alteration halo around EP stringers»

< @ 94.80 possible large clast with amygdaloidal texture. amydules of QZ >

< @ 94.90 another possible amydaloidal clast / part of previous clast? with PY filled amydules >

< @ 95.20 CA + MG stringers (2)pLL with wispy edges, with DIS PY 45° 4mm >

< @ 95.30 trace CP in CA + MG stringer 45° 3mm >

< @ 98.10 trace CP in PY + CA + EP + HE undulatory stringer 70° 3mm >

< @ 98.30 PY + CA stringer 45° 3mm >

< @ 99.00 possible K_spar wk alteration to clast 2cm >

< @ 99.60 flat lying PY + CA + HE stringer 5° 3mm >

< @ 103.00 trace CP in narrow CA + PY stringer 75° 1mm >

< @ 105.30 CA + PY + HE stringer 90° 4mm >

< @ 105.60 CA + EP + PY + HE stringers 80° 3mm >

< @ 106.10 stringers CA + HE trace CP? -70°0° 3mm >

< @ 106.20 CA + HE stringer 40° 2mm >

< @ 108.70 Trace CP in PY + CA + HE stringers 40° 1mm >

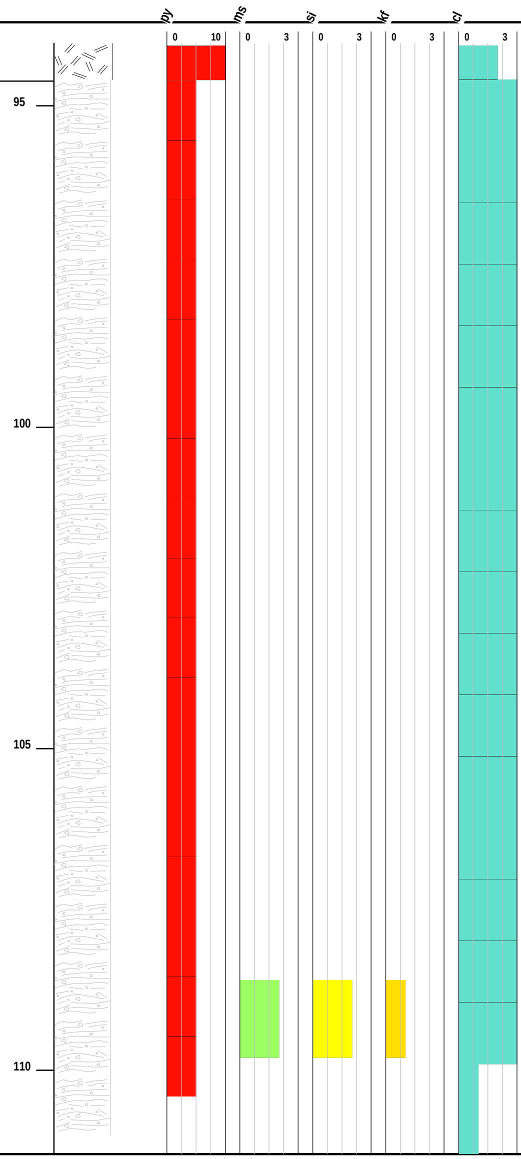
« 108.60- 109.80 SI + MS alteration, moderate »

« 108.60- 109.80 Silicification 2.00*» « Sericite 2.00*» « K-feldspar 1.00-2.00*» lighter green to beige, hard. Possible moderate K_spar alteration, clasts to orange pink

« 109.90- 112.40 weak CL, possible alteration front, »

« 112.40- 113.40 Stockwork CA + HE + PY stringers, flat TCA to 90 TCA, variable width, increased intensity, 10/m minimum -90°0° 1-10mm»

< @ 113.60 CA + MG + PY BX, clasts 1mm to 2cm. Upper contact along Stringer, lower contact in rubbled core 40° >



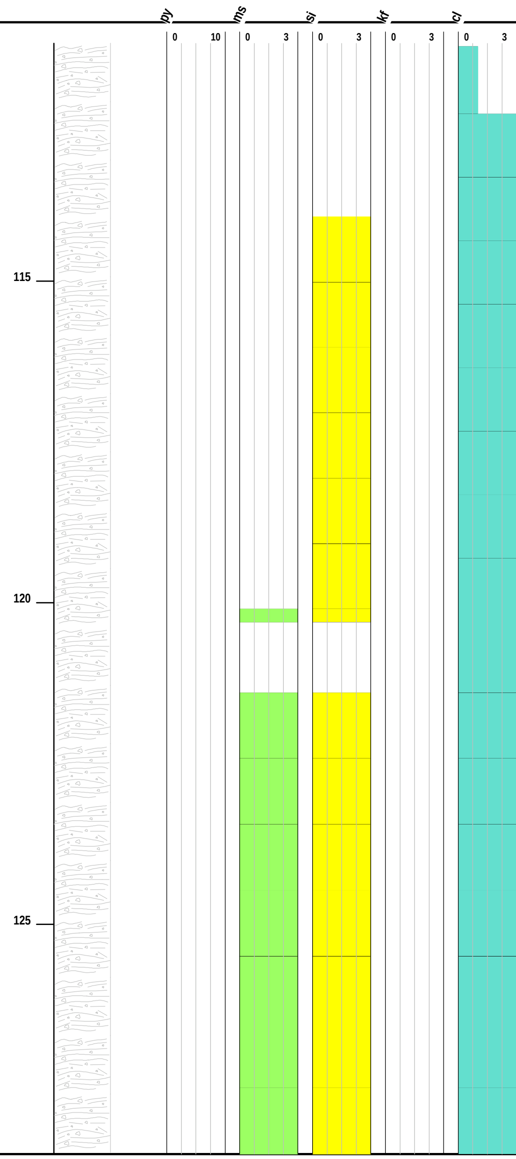
From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
94.60	95.60	1.00	442381	-5	141	9
95.60	96.60	1.00	442382	5	222	2
96.60	98.10	1.50	442383	-5	187	5
98.10	99.40	1.30	442384	-5	222	40
99.40	101.20	1.80	442385	-5	196	5
101.20	102.70	1.50	442386	-5	136	5
102.70	104.60	1.90	442387	-5	154	7
104.60	105.80	1.20	442388	5	188	2
105.80	107.30	1.50	442389	-5	188	2
107.30	108.80	1.50	442391	5	562	18
108.80	109.90	1.10	442392	10	174	35
109.90	110.70	0.80	442393	-5	314	15
110.70	111.90	1.20	442394	6	232	31
111.90	113.40	1.50	442395	12	276	47
113.40	114.10	0.70	442396	13	753	39
114.10	114.90	0.80	442397	9	577	41
114.90	116.50	1.60	442398	11	404	59
116.50	118.00	1.50	442399	12	355	14
118.00	119.50	1.50	442400	9	191	18
119.50	120.10	0.60	442401	7	258	32
120.10	121.00	0.90	442402	5	79	5
121.00	122.50	1.50	442403	11	196	22
122.50	124.10	1.60	442404	16	520	29
124.10	125.60	1.50	442405	10	428	14
125.60	127.10	1.50	442407	6	162	15
127.10	128.60	1.50	442408	13	273	9
128.60	130.10	1.50	442409	8	213	9
130.10	131.60	1.50	442410	12	313	15
131.60	133.20	1.60	442411	-5	216	7
133.20	134.70	1.50	442412	12	96	12
134.70	136.20	1.50	442413	37	1170	28
136.20	136.90	0.70	442414	5	458	4
136.90	137.10	0.20	442415	9	106	190
137.10	139.30	2.20	442416	5	174	63
139.30	140.80	1.50	442417	-5	201	20
140.80	142.30	1.50	442418	7	298	7
142.30	143.80	1.50	442419	17	560	27
143.80	145.40	1.60	442420	8	375	12

Project: Williams_06 **Hole Number:** WM06-5

From To Rocktype & Description

< @ 114.10 trace DIS CP? >
< @ 114.20 Trace MO on fracture plane 50° >
« 114.00- 120.30 Flood silica. grey to purpley grey. very hard, with heterolithic clasts, of variable size. QZ +/ PY stringers, CA + HE + PY stringers. MG clasts, »
« 114.00- 120.30 Magnetite 5.00-8.00%»
« 114.00- 120.30 Silicification 4.00*»
< @ 114.90 CA stringer, trace PY, 85° 2cm >
< @ 114.60 QZ stringer 60° 1cm >
< @ 116.60 Trace CP in PY + EP +CA stringer, 60° 1mm >
< @ 116.70 Trace CP in QZ + minor EP stringer, cross cutting CA + EP stringer 40-60° 3mm >
< @ 116.80 Bleb CP w/in CA stringer, stringer 1mm, bleb 1cm X .5cm 45° 1mm >
< @ 116.70 Trcae CP in CA stringer, 25° 1mm >
< @ 118.40 Trace CP in QZ, wk EP stringer 50° 2mm >
< @ 118.80 Trace CP? in FF CA stringer 90° 1mm >
< @ 118.90 Trace CP? in QZ stringer 40° 2mm >
« 120.10- 120.30 Contact BX in SI + MS VLCL, CA + MG rich matrix, along Fracture, CL alt, VLCL below 120.3. 30°»
« 120.10- 120.30 Silicification 4.00*» « Sericite 3.00*»
« 120.30- 121.40 Dark Geen to black, Strongly CL, w/ CA blebby stringers »
« 121.40- 130.10 Flood SI + MS alteration, as above, grey to light green. heterolithic clasts, with MG clasts. PY + CA stringers. »
« Pyrite 3.00-5.00%» « 121.40- 130.10 Silicification 4.00*» « Sericite 3.00*»

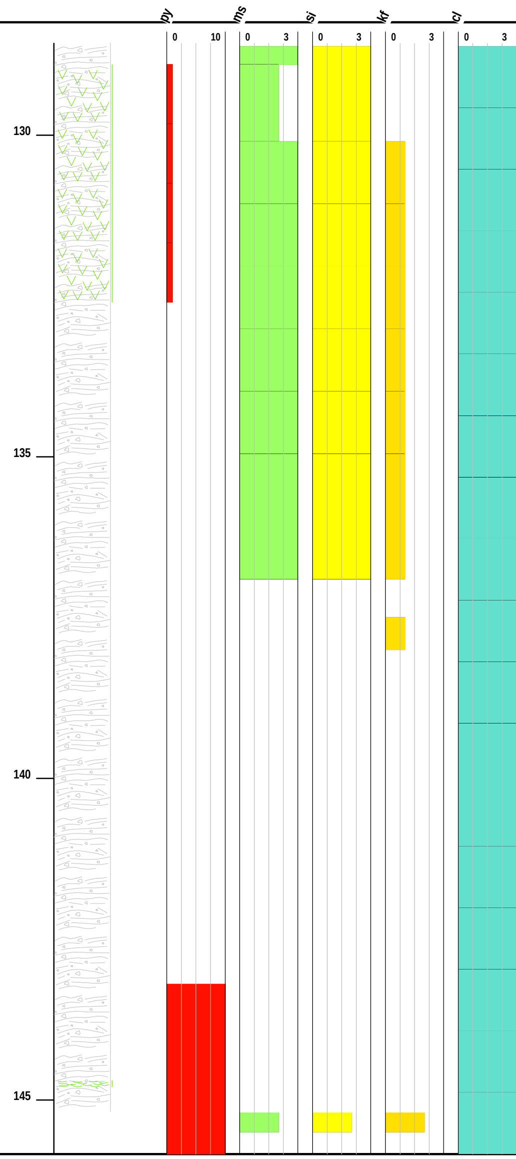
« 102.50- 104.20 possible fault structure, rusty surfaces, rubbled core, clay coated »
< @ 121.40 possible fault gouge, clay coat on fracture surface 75° 2mm >
« 126.40- 128.20 weak foliation of BX, possible residual bedding? 50°»
< @ 128.30 Trace CP? in PY + CA stringer 85° 1mm >
« 128.90- 132.60 Andesite large clast(?), variable thickness bedding, 1 cm to 10cm. Distinguished by preferential alteration to MG of certain beds, MS in other beds, CA microfractures, trace PY stringers. Andesite »
« 128.90- 132.60 Sericite 2.00*» « Pyrite 1.00%»
< @ 130.00 CA + MG stringers 10° 3mm >
< @ 132.70 moderate foliation w/in VLCL, clast alignement 50° >
< @ 134.20 Trace CP in EP + CA stringer 5° 1mm >
« 130.10- 136.90 SI + MS alteration, with spotty K_Spar alteration »



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
145.40	146.90	1.50	442422	98	1140	53
146.90	148.40	1.50	442423	56	1140	3
148.40	149.90	1.50	442424	21	415	50
149.90	151.50	1.60	442425	31	270	11
151.50	152.60	1.10	442426	18	464	4
152.60	153.60	1.00	442427	14	399	16
153.60	154.50	0.90	442428	12	644	5
154.50	155.80	1.30	442429	12	627	14
155.80	156.90	1.10	442430	9	310	1
156.90	157.60	0.70	442431	6	698	7
157.60	159.10	1.50	442432	-5	542	8
159.10	160.60	1.50	442433	10	634	71
160.60	162.10	1.50	442434	12	541	32
162.10	163.70	1.60	442435	27	283	17
163.70	165.20	1.50	442436	28	42	41
165.20	166.70	1.50	442438	17	180	12
166.70	168.20	1.50	442439	38	232	11
168.20	169.80	1.60	442440	18	415	20
169.80	171.30	1.50	442441	8	323	5
171.30	172.80	1.50	442442	10	445	33
172.80	174.30	1.50	442443	5	467	3
174.30	175.90	1.60	442444	7	430	2
175.90	176.90	1.00	442445	97	2680	39
176.90	178.00	1.10	442446	42	1030	5
178.00	179.40	1.40	442447	15	456	23
179.40	180.60	1.20	442448	33	624	74
180.60	182.00	1.40	442449	17	526	11
182.00	183.00	1.00	442450	22	472	16

From To Rocktype & Description

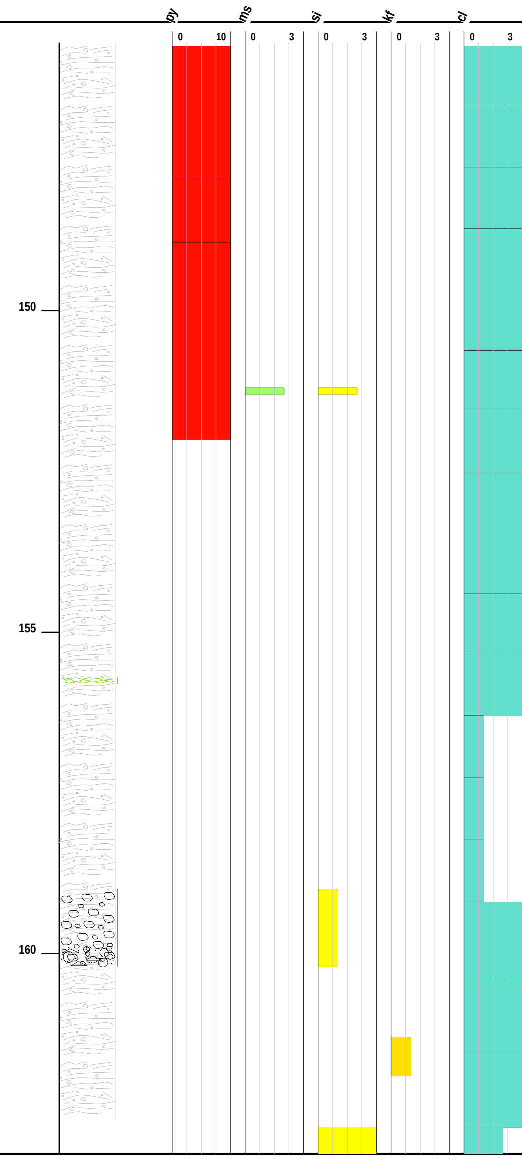
« 130.10- 136.90 Silicification 3.00*» « Sericite 3.00*» « K-feldspar 2.00*»
< @ 134.80 Trace Blebby CP in CA + MG blobby stringers. 85.00° >
< @ 135.20 Trace CP DIS in CA + MG blobby stringers. 90.00° >
< @ 135.25 Trace DIS CP w/ PY DIS >
< @ 139.60 Trace CP? in PY + wk CA stringer 45.00° 1.00mm >
< @ 135.90 Trace CP in MG + CA stringer, weak EP altered 75.00° 1.00mm >
« 135.00- 183.00 Overall fracture density 15/m »
« 136.40- 136.60 CA + MG + EP BX, clast supported »
< @ 137.40 Trace MO Fracture coating 15.00° >
« 136.90- 138.60 possible foliation / bedding feature, clast alignment / partial elongation along foliatinon 40.00°»
« 137.50- 138.00 weak k_spar? alteration, with wk to moderate SI + moderate to strong MS alteration 50°»
« 137.40- 137.60 Trace MO on multiple fractures »
< @ 138.80 Trace MO on fracture >
« 138.70- 138.80 TRACE DIS CP in matrix w/PY . moderate CL altered fractures »
< @ 140.10 Trace CP in MG + PY + EP stringers, wk EP CL alteration halo around stringers 90° 1mm >
< @ 140.50 Trace CP in PY stringers 50° 1mm >
< @ 140.90 PY + CA stringer, 30° 2mm >
< @ 141.50 Trace MO fracture fill, 35.00° >
« 142.60- 143.20 MS + SI + K_Spar? + EP altered zone, upper contact 50 TCA, appears to be large clast of Andesite flow, bottom contact 50 TCA, bedding 50 Degrees TCA »
< @ 143.00 Trace CP in QZ stringer 80° 1cm >
< @ 143.30 PY + MG showing sinistral (counterclockwise) motion along CA stringers 50° 1cm displacement >
< @ 144.10 Trace CP in CA FF stringer 30° 1mm >
« 144.70- 144.80 feldspar phyric texture in strong CL altered clast. Andesite »
« 143.20- 152.00 Greater % of PY in FF, stringers DIS & Blebs 10% 1-20mm»
« 145.20- 145.50 MS + SI + K_SPAR? altered portion, cross cut by MG + CA + PY stringer, »
« 145.20- 145.50 Sericite 2.00-3.00*» « Silicification 2.00-3.00*» « K-feldspar 2.00-3.00*»



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

From	To	Rocktype & Description

« 145.70- 150.70 mottled texture after MG + CL alteration »
< @ 148.40 Trace DIS CP on fracture 70° >
< @ 149.60 Trace MO fracture coating 30° >
< @ 149.50 Trace CP DIS >
< @ 150.00 Trace CP in CA stringer 90-45° 1mm >
< @ 150.10 Trace DIS CP in matrix & in CA bleb stingers >
< @ 151.00 Trace CP in PY + MG + CA stringer 90° 2mm >
« 151.20- 151.30 MS + weak SI altered segment with CA + MG & PY + MG stringers »
« 151.20- 151.30 Silicification 2.00*» « Sericite 2.00*»
< @ 151.50 Trace CP? on fracture with PY FF >
< @ 152.10 Trace DIS CP in PY + MG +wk CA stringers 30° 3mm >
« 134.40- 150.90 MG + CA +/ CL +/ EP +/ PY stringers and Blebby MG (VS. CA as primary constituent of stringers »
« 152.60- 155.70 Mottled texture, black and moderate green. MG + CL + wk SI altered VLCL, QZ clasts, MG clasts, Strong CL FF »
< @ 152.60 QZ + PY + wk EP + wk MG stringer, blebby PY, 70.00° 3.00cm >
< @ 152.80 Trace CP in blebby MG + CA + PY stringer 30.00° 2.00mm >
< @ 53.30 Trace DIS CP in CA stringer 70.00° 1.00mm >
< @ 154.50 Trace spec of CP on CA stringer 0° 1.00mm >
< @ 154.60 trace CP in CA stringer 15.00° 2.00mm >
< @ 154.90 Trace CP in CA stringer 75.00° 1.00mm >
< @ 155.40 Trace CP in CA + MG stringer 10.00° 1.00mm >
« 155.70- 155.80 feldspar phyric clast Andesite »
« 156.30- 159.20 mottled texture, MG + CL alteration, weak alteration around stringers and in matrix of EP. black & moderate to light green »
« 156.30- 159.20 Magnetite 5.00-10.00%» « Chlorite 2.00-3.00*»
< @ 156.00 trace CP in CA stringer, 85.00° 3.00mm >
< @ 156.00 HE FF, possible annealed fault plane? 40.00° >
< @ 157.60 Trace CP? in Bleb PY 90.00° 1.00mm >
< @ 156.80 Trace CP in CA stringer 10.00° 3.00mm >
< @ 157.90 Trace MO on fracture plane, 40.00° >
< @ 158.60 Wide CA stringer, slightly pitted, 90° 2cm >
159.00-160.20 Conglomerate, heterolithic to monolithic,subrounded clasts, variable size, weak si, weak CP in calcite stringer 50tca 159.90,5mm
< @ 160.70 trace MO on fracture plane, CA + CL 80° >1
< @ 160.60 possible CL BX, angular clasts, heterolithic. >
« 161.30- 161.90 possible K_Spar weak alteration to VLCL. PY 10% in stringers and DIS »



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

From	To	Rocktype	& Description

< @ 162.10 Trace CP in CA + PY + MG stringer 90 2mm >
« 162.70- 169.80 Strong silica alteration, with blebby QZ stringers, variable angle and thickness (0 to 90 TCA) (1mm to 1cm) 162.70-166.50 conglomeratic, moderate hydrofractured?,angular clasts, variable size, annealed fractures »
< @ 163.50 CA BX late 40 5cm >
« 169.80- 174.40 moderately SIlicified core, with minor componenet of SI/QZ stringers »
« 174.40- 182.40 moderate to strong SI alteration, QZ micro FF and stringers »
« 166.70- 169.80 High intensity hydrofractured portion, original textures obliterated, silicified, healed and chloritized microfractures. small angular clasts, clasts showing moderate MS? alteration, possible minor k_spar, beige to light pink beige »
< @ 167.20 Trace CP in QZ + EP + CL + PY stringer / stockwork 3mm >
< @ 169.00 Trace CP in MG + PY + CL + EP + CA stringer / stockwork >174.0-175.1 mod si
« 174.00- 175.10 Strongly CL 3 wk mag, moderate SI 2 alteration, EP halo along microfractures, moderate intensity fracture density 20/m »cl, si
< @ 172.70 Trace CP along contact with CA clast. >
< @ 172.90 Trace CP FF DIS 35.00° >
« 166.70- 183.00 Increased PY content, as stringers, disjointed and undulatory stingers, blebs, & DIS (+/ CA +/ QZ +/ MG +/ EP (DIS) +/ CL (DIS & STRINGERS) 15%»
< @ 171.60 QZ + PY vein with trace MO along margin & w/in vein, Trace CP in vein, near MO specks. MINOR slip plane (.5cm offset @ 30 degrees) 90° 2cm >
< @ 172.30 Trace DIS CP in hydrofracture breccia >
< @ 173.40 CA stringer, minor EP / CL 35° 1cm >
< @ 174.00 blebby CA stringer 1cm >
< @ 174.70 CA stringer 40° 1cm >
« 176.40- 176.60 PY + QZ + minor EP CL, w/ K_Spar altered clast. Trace CP in PY 60° 10cm»
« 178.00- 179.00 centre of intensly fractured (hydrofracture) breccia, heterolithic clasts, variable sizes. strong SI alteration. secondary moderate CL matrix and microfractures. late CA + MG »
< @ 179.70 intensly altered section, ~10cm MG + QZ, trace MO in QZ stringers. Trace CP, sharp bottom contact 20° >
< @ 180.00 Trace MO in QZ+MG stringer 65° 2mm >
< @ 180.70 Trace CP in fractured, QZ + PY + Late CA stringers, K_spar? altered

From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm

From To Rocktype & Description

clasts around stringers 45° 1-5mm >
« 181.80- 181.90 QZ + PY stringers, 3 main, some smaller FF 20° 15mm»
< @ 182.70 Blebby PY 2cm >
< @ 183.00 CA + PY + MG stringer @ contact w/ANDS (DIOR?) dyke 50° 5m«
Chlorite 2.00« Silicification 2.

183.00 185.30 Andesite

Dark Green to Black. Fine grained with Feldspar phyric texture, moderately CL altered. weak to moderate silica alteration. Trace DIS PY. trace CP in FF and DIS. moderate to strong magnetite. late CA FF + stringers. Upper contact sharp but along pitted CA + PY + MG stringer. Basal contact gradational, with highest MG content @ 185.1 as matrix + CL BX. below this MG high, MG content drops as unit grades out to VCLC. « Chlorite 2.00*» « Silicification 1.00*» « Pyrite 1.00%» « Chalcopyrite 0.10%» « Magnetite 5.00-10.00%»
< @ 185.20 Trace CP in blebby stringer QZ + CA + PY + MG >

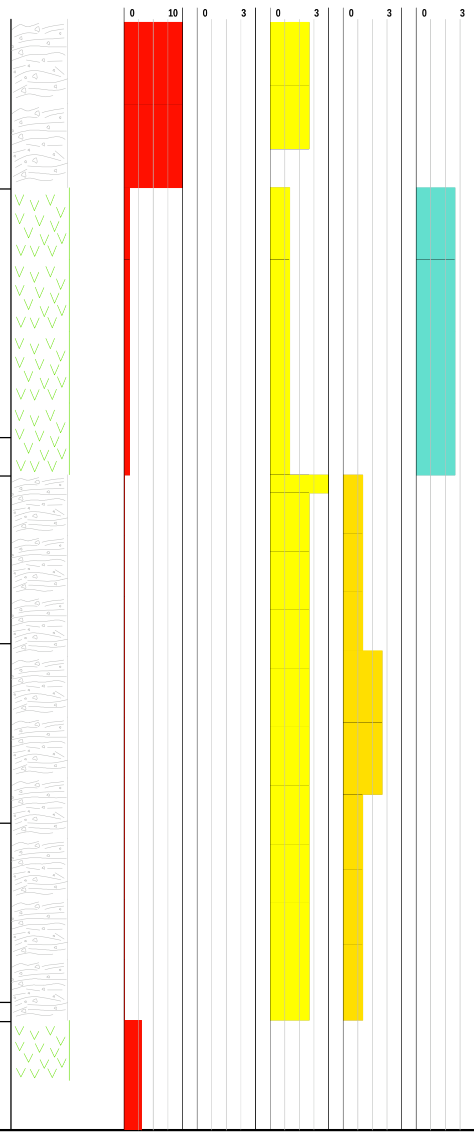
185.30 200.50 Volcaniclastic - Undefined

Medium Green to black, fine-grained grained. variable texture, clasts variable between 1mm to 5cm. Heterolithic clasts, weak to moderate K-spar? mainly alteration to clasts. « K-feldspar 1.00-2.00*»
« 185.30- 185.80 Gradational contact with decreasing Andesite & MG content, weak to moderate silica alteration »
« 185.30- 185.80 Silicification 1.00-2.00*»
« Fracture density >30/m with high intensity of SI & CA FF microfracturing in all orientations »
« Pervassive MG alteration, deep red to black tint to core, with larger clasts of MG, variable size, rounded to angular »
« Flood Silica alteration, moderate to strong »
< @ 188.20 CA + MG stringer, Trace DIS PY + EP + CL 20° 3cm >
« 190.60- 194.20 moderate spotty K_Spar? alteration to clasts, orange »

« 185.30- 200.50 PY content to 5% in FF, DIS, QZ stringers and minor blebs »
« strongly chloritized fractures »
< @ 200.50 Diffuse boundary with Andesite flow. CA + MG BX 70° 5mm >

200.50 276.50 Andesite

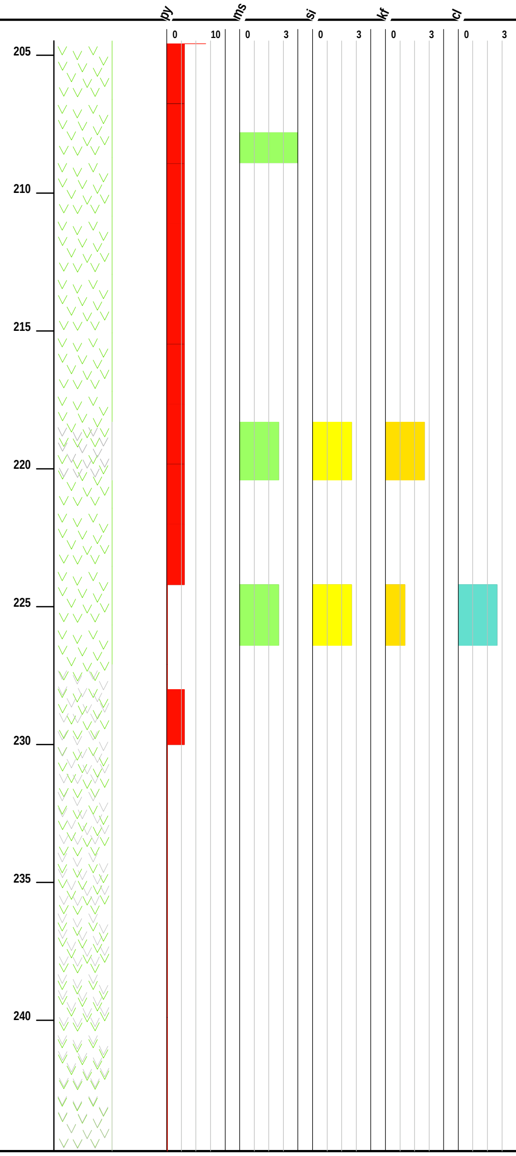
light to dark green. medium-grained grained flow. Feldspar phyric. moderate to strong chloritization, with intense CA FF and stringers. minor EP blebs and stringers.



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
183.00	184.00	1.00	442451	-5	268	4
184.00	185.00	1.00	442452	-5	104	1
185.00	186.00	1.00	442454	11	52	-1
186.00	187.00	1.00	442455	8	19	4
187.00	188.10	1.10	442456	8	76	2
188.10	189.60	1.50	442457	6	109	2
189.60	191.10	1.50	442458	10	96	3
191.10	192.60	1.50	442459	6	26	1
192.60	194.20	1.60	442460	-5	14	18
194.20	195.70	1.50	442461	-5	30	5
195.70	197.20	1.50	442462	5	18	3
197.20	198.70	1.50	442463	-5	62	1
198.70	200.50	1.80	442464	11	69	7
200.50	201.80	1.30	442465	8	245	13
201.80	203.30	1.50	442466	5	125	4
203.30	204.80	1.50	442467	6	171	20
204.80	206.30	1.50	442469	9	224	4

From	To	Rocktype	& Description

« 200.50- 230.00 Fracture density >30/m »
« Pyrite content 3 to 5% as narrow stringers +/ CA and blebs »
< @ 205.00 fault gouge, clay in fracture 60° >
< @ 203.50 Trace DIS CP >
< @ 207.00 Trace DIS CP >
< @ 207.00 Trace CP in CA stringer 50° 3mm >
< @ 207.60 trace CP in MG + CA + PY stringer 20° 2cm >
« 207.80- 208.90 MS alteration, weaker MG as small blebs contacts listed respectively, basal contact (front) along PY stringer, 1mm 50-25°»
< @ 207.90 trace CP in CA + MG stringer, rubbled core 2mm >
< @ 209.60 Trace CP in disjointe CA + MG wispy stringer 80° 2mm >
< @ 209.10 Trace CP in CA + PY stringers, blebby >
« 211.40- 212.80 coarse-grained grain blebs of MG from 1mm to 3cm. interstitial, FF, blebs »
< @ 215.20 fault gouge 80° 3cm >
< @ 212.40 Trace CP stringer bleb within CA stringer 90.00° 1.00mm >
< @ 214.70 Trace CP in CA + MG stringer 90° 1cm >
< @ 216.60 Fault gouge 50° 2mm >
< @ 217.50 Fault gouge, 3cm grey clays, moderate EP alteration halo. fracture plane with striata 50° >
« 218.30- 220.40 CL altered with SI + MS + K_Spar? altered clasts. as above Volcaniclastic - Undefined units Volcaniclastic - Undefined »
« 218.30- 220.40 Silicification 2.00-3.00*» « Sericite 2.00-3.00*» « K-feldspar 2.00-3.00*» moderate to weak CL + moderate to strong SI + MS + spotty K_Spar? alteration to clasts, moderate SI alteration to matrix. contacts BX'd. < @ 220.40 Lower Contact 30.00° >
« 218.30- 220.40 , basal contact ~30 deg TCA Volcaniclastic - Undefined »
« 220.40- 224.20 increased CA stingers and blebs, double above section (density (20 > 1mm) / m) , fine-grained grained MG blebs »
« 224.20- 226.40 Increase in PY content, QZ & CA stringers, minor moderate MS + SI + K_Spar alteration. moderate CL alteration. intensely fractured & healed, compentent Volcaniclastic - Undefined »
« Sericite 2.00*» « Silicification 2.00*» « K-feldspar 2.00*» « Chlorite 2.00*»
< @ 224.30 Trace CP in mottled matrix (MG + CA clasts) >
< @ 224.85 Trace DIS CP in matrix >
« 224.20- 228.00 Increased PY content in both Andesite and VCLC, 7%. more DIS PY & larger blebs / stringers (as large as 1cm) »



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
206.30	207.80	1.50	442470	-5	246	8
207.80	209.40	1.60	442471	7	142	25
209.40	210.90	1.50	442472	6	178	9
210.90	212.40	1.50	442473	-5	68	5
212.40	213.90	1.50	442474	-5	96	6
213.90	215.50	1.60	442475	7	346	1
215.50	217.00	1.50	442476	13	483	2
217.00	218.30	1.30	442477	12	565	1
218.30	219.50	1.20	442478	24	103	2
219.50	220.40	0.90	442479	18	87	2
220.40	221.60	1.20	442480	11	24	1
221.60	223.20	1.60	442481	-5	11	-1
223.20	224.60	1.40	442482	7	30	1
224.60	226.10	1.50	442483	51	164	4
226.10	227.40	1.30	442485	97	634	5
227.40	229.00	1.60	442486	56	326	7
229.00	230.70	1.70	442487	64	1010	8
230.70	232.20	1.50	442488	59	689	3
232.20	233.80	1.60	442489	70	336	1
233.80	235.30	1.50	442490	81	405	2
235.30	236.80	1.50	442491	48	144	2
236.80	238.30	1.50	442492	87	278	3
238.30	239.90	1.60	442493	104	474	2
239.90	241.50	1.60	442494	66	519	3
241.50	242.60	1.10	442495	60	727	5
242.60	244.10	1.50	442496	73	412	2
244.10	245.70	1.60	442497	33	443	1
245.70	246.90	1.20	442498	61	406	3
246.90	248.70	1.80	442499	47	272	7
248.70	250.00	1.30	248986	186	703	1
250.00	251.50	1.50	248987	156	597	5
251.50	253.00	1.50	248988	104	403	8
253.00	255.10	2.10	248989	65	580	6
255.10	256.60	1.50	248990	20	616	3
256.60	258.20	1.60	248991	38	503	9
258.20	259.80	1.60	248992	79	581	2
259.80	261.20	1.40	248993	17	91	-1
261.20	262.70	1.50	248994	17	220	-1
262.70	264.30	1.60	248995	75	335	-1

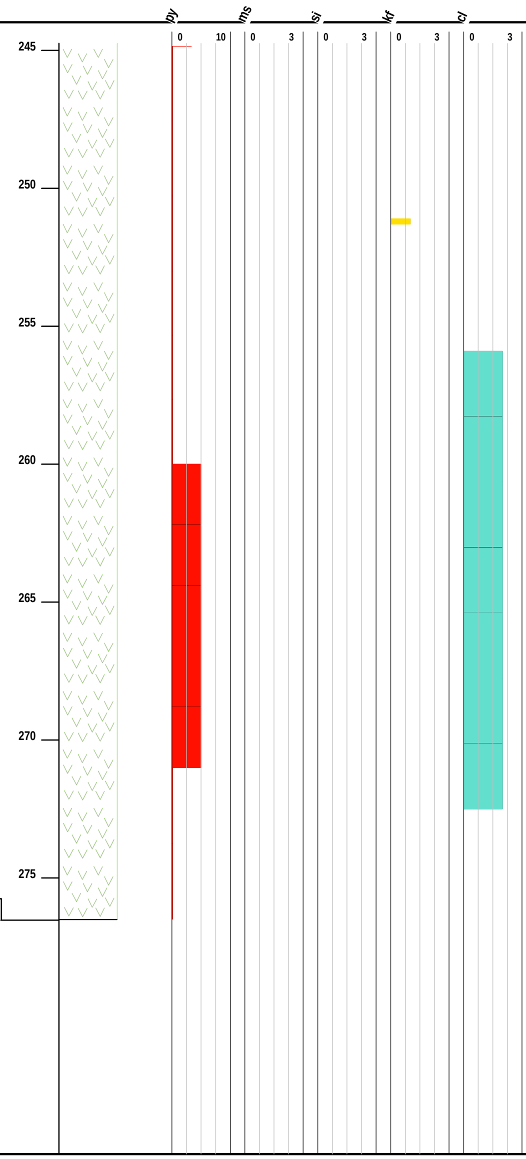
Project: Williams_06 **Hole Number:** WM06-5

From To Rocktype & Description

< @ 225.20 Trace CP in QZ stringer 90° 1mm >
< @ 225.90 Trace CP in QZ blebs >
« 227.10- 276.50 intermitent minor clast segments noted within flows, minor sections, <20cm, density <3/10m Volcaniclastic - Undefined »
« PY overall content to 3% with smaller sections of 5% »
« 227.10- 258.60 Moderate to strong Carb alteration microfractures, with increased CA stringers, density of stringers 20/m 1 to 3mm »
« 258.60- 276.50 Increased EP alteration in stringers and blebs, still CA stringers +/PY +/MG (MG more minor constuent) »
< @ 230.60 Trace CP in CA + MG blebby stringer >
< @ 232.40 PY + MG stringer cut by CA stringer 0° 10cm >
« 239.90- 253.00 PY @ 5% in stringers and DIS anad Blebs »
« 249.70- 253.46 QZ +/- PY stringers and blebs »
< @ 249.70 trace CP in CA stringer 60° 1mm >
« 251.10- 251.30 QZ + PY stringers, Blebby DIS PY . Weak EP & MG altered. minor K_Spar? alterationin possible clasts 50°»
« 251.10- 251.30 Epidote 1.00*» « Magnetite 2.00%» « K-feldspar 1.00*»
< @ 251.60 pair of QZ+PY + MG + EP stringers, late CA crosscutting stringers, narrow 55-65° 2-1cm >
« 260.00- 271.00 increased PY 5% in stringers, DIS, Blebs and FF »
< @ 259.10 Trace DIS CP in MG + CA + PY stringer 70° >
< @ 265.60 EP + QZ + MG + PY with minor K_Spar alteration on margin 85° 5cm >

< @ 273.30 rusty CA stringers, redish pink to red 90° 1mm >
< @ 276.00 rusty CA stringers, red to redish pink 90° 1mm >
« 253.20- 276.50 slightly mottled texture, possible relic texture after PYX / Horn, medium-grained grained, black, variable size, angular to subrounded »
< @ 261.40 strong EP alteration to rubbled core, 10cm >

276.50 276.50 End of Hole



From	To	Width	Sample	Au ppb	Cu ppm	Mo ppm
264.30	265.80	1.50	248996	72	318	-1
265.80	267.30	1.50	248997	80	320	-1
267.30	268.90	1.60	248998	67	249	-1
268.90	270.40	1.50	248999	78	322	-1
270.40	272.00	1.60	249000	39	255	-1
272.00	273.40	1.40	248022	42	386	1
273.40	274.80	1.40	248024	28	214	1
274.80	276.50	1.70	248025	33	297	1

Drill Log Legend

			Conglomerate		Volcaniclastic - Undefined
	Andesite		Conglomerate		Volcaniclastic - Undefined
	Andesite		End of Hole		
CASING	Casing		Monzonite		

Appendix D: Certificates of Analysis

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
N336579	0.017	<0.2	1.29	5	<10	60	<0.5	2	1.27	<0.5	25	8	6	4.42	10	<1	0.02	10
C442327	0.009	<0.2	3.03	5	<10	50	<0.5	4	1.13	<0.5	33	177	266	5.04	10	<1	0.52	<10
C442328	0.036	0.2	2.67	4	<10	50	<0.5	2	1.29	<0.5	46	155	616	5.18	10	<1	0.48	<10
C442329	0.005	0.2	3.45	4	<10	130	<0.5	<2	1.16	<0.5	24	166	191	4.95	10	<1	1.18	<10
C442330	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10	<1	<0.01	<10
C442331	0.005	<0.2	2.97	3	<10	240	<0.5	<2	0.91	<0.5	26	128	240	4.43	10	<1	1.1	<10
C442332	0.01	0.2	2.78	8	<10	100	<0.5	<2	0.98	<0.5	33	124	489	4.33	10	1	0.56	<10
C442333	0.012	0.3	2.87	5	<10	40	<0.5	<2	1.8	<0.5	28	161	473	4.9	10	1	0.41	<10
C442334	0.018	0.3	2.54	7	<10	20	<0.5	<2	1.26	<0.5	28	163	488	4.74	10	<1	0.24	<10
C442335	0.021	0.4	2.69	5	<10	70	<0.5	3	1.27	<0.5	36	127	599	4.58	10	<1	0.48	<10
C442336	0.16	0.5	1.95	12	<10	30	<0.5	<2	1.78	<0.5	28	93	612	4.6	10	<1	0.25	<10
C442337	0.017	0.3	3.67	<2	<10	10	<0.5	<2	4.08	<0.5	30	189	934	6.32	10	<1	0.04	<10
C442338	0.007	0.2	4.11	5	<10	10	<0.5	<2	4.68	<0.5	30	222	202	7.21	10	2	0.13	<10
C442339	0.011	0.2	2.96	7	<10	10	<0.5	<2	4.15	<0.5	36	206	155	5.76	10	<1	0.05	<10
C442340	0.008	<0.2	3.96	6	<10	10	<0.5	<2	4.42	<0.5	38	216	307	6.62	10	<1	0.06	<10
C442341	0.013	0.2	2.87	2	<10	20	<0.5	<2	2.51	<0.5	32	151	591	4.91	10	<1	0.18	<10
C442342	0.015	0.6	3.33	11	<10	20	<0.5	<2	4.12	<0.5	37	195	780	5.73	10	<1	0.1	<10
C442343	0.009	0.2	2.8	<2	<10	20	<0.5	<2	1.91	<0.5	30	127	414	4.21	10	<1	0.15	<10
C442344	0.012	0.2	3.13	7	<10	40	<0.5	<2	1.5	<0.5	23	102	435	3.59	10	<1	0.29	<10
C442345	2.88	2.5	1.97	567	30	130	<0.5	254	9.57	<0.5	29	52	315	5.67	10	5	0.17	10
C442346	0.009	<0.2	3.28	5	<10	50	<0.5	<2	2	<0.5	24	108	273	4.07	10	<1	0.28	<10
C442347	0.022	0.4	2.47	7	<10	40	<0.5	<2	1.24	<0.5	33	125	783	3.81	10	<1	0.22	<10
C442348	0.016	0.3	2.36	<2	<10	20	<0.5	<2	1.14	<0.5	22	112	417	3.59	<10	<1	0.22	<10
C442349	0.034	0.4	2.58	<2	<10	40	<0.5	<2	1.22	<0.5	20	102	1065	3.45	10	<1	0.41	<10
C442350	0.06	0.4	2.99	6	<10	30	<0.5	<2	1.43	<0.5	26	120	862	4.03	10	<1	0.22	<10
C442351	0.021	0.3	2.77	<2	<10	40	<0.5	<2	1.32	<0.5	34	106	711	3.95	<10	<1	0.32	<10
C442352	0.008	0.2	3.26	6	<10	50	<0.5	<2	2.01	<0.5	19	147	269	4.92	10	<1	0.37	<10
C442353	0.023	0.3	3.32	4	<10	10	<0.5	<2	4.24	<0.5	19	206	798	5.55	10	<1	0.04	<10
C442354	0.015	0.2	3.18	4	<10	20	<0.5	<2	3.68	<0.5	31	182	641	5.63	10	<1	0.13	<10
C442355	0.011	0.2	2.9	10	<10	30	<0.5	<2	2.93	<0.5	33	90	538	6.43	10	1	0.15	<10
C442356	0.008	0.2	3.35	<2	<10	20	<0.5	<2	2.59	<0.5	34	139	683	6.03	10	<1	0.12	<10
C442357	0.007	0.2	2.91	<2	<10	40	<0.5	<2	1.71	<0.5	34	171	589	5.64	10	<1	0.68	<10
C442358	0.005	0.2	2.18	<2	<10	30	<0.5	<2	1.32	<0.5	31	147	433	4.9	10	<1	0.47	<10
C442359	0.007	<0.2	2.23	6	<10	40	<0.5	<2	1.23	<0.5	24	129	437	4.34	10	<1	0.76	<10
C442360	0.025	0.3	1.6	<2	<10	30	<0.5	<2	2.09	<0.5	32	111	959	3.93	<10	<1	0.32	<10
C442361	0.025	0.3	1.75	2	<10	30	<0.5	<2	2.42	<0.5	49	132	1130	4.83	10	<1	0.3	<10
C442362	0.016	0.3	3	<2	<10	60	<0.5	<2	2.66	<0.5	45	187	697	6.37	10	<1	0.57	<10
C442363	0.017	0.2	3.54	6	<10	100	<0.5	<2	2.4	<0.5	37	203	569	6.06	10	<1	0.57	<10
C442364	0.011	0.2	3.18	4	<10	140	<0.5	<2	2.29	<0.5	30	136	508	5.39	10	<1	0.9	<10
C442365	0.005	<0.2	3.42	10	<10	120	<0.5	<2	2.57	<0.5	36	170	545	5.67	10	<1	0.98	<10
C442366	0.013	<0.2	2.65	3	<10	80	<0.5	<2	3.28	<0.5	45	240	555	5.54	10	<1	0.76	<10
C442367	0.034	0.4	2.84	5	<10	60	<0.5	<2	4.07	<0.5	34	266	1215	5.51	10	<1	0.82	<10
C442368	0.019	0.2	1.18	6	<10	20	<0.5	<2	2.3	<0.5	18	78	638	3.3	10	<1	0.15	10
C442369	0.012	<0.2	1.15	4	<10	20	<0.5	<2	2.73	<0.5	14	5	594	2.91	10	<1	0.09	10
C442370	0.016	<0.2	1.13	<2	<10	20	<0.5	<2	2.7	<0.5	12	3	487	3.4	10	<1	0.08	10
C442371	0.015	0.2	1.01	5	<10	20	<0.5	<2	1.44	<0.5	13	2	505	3.06	10	<1	0.09	10
C442372	0.016	0.2	1.09	2	<10	30	<0.5	<2	1.65	<0.5	17	2	535	3.17	10	<1	0.08	10
C442373	0.04	0.3	0.96	<2	<10	20	<0.5	<2	1.58	<0.5	17	6	1175	2.91	10	<1	0.09	10
C442374	0.014	0.2	1.04	3	<10	30	<0.5	<2	2.13	<0.5	13	23	368	2.88	10	<1	0.1	10
C442375	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	2	0.02	<10	<1	<0.01	<10
C442376	0.011	<0.2	0.96	2	<10	20	<0.5	<2	1.84	<0.5	15	4	278	2.85	10	<1	0.09	10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
N336579	1.14	495	2	0.07	7	1310	<2	0.11	<2	8	17	0.12	<10	<10	103	20	43
C442327	3.47	672	15	0.08	73	740	<2	0.77	2	11	16	0.3	<10	<10	194	<10	89
C442328	2.83	592	7	0.08	67	660	<2	1.69	<2	7	30	0.24	<10	<10	141	10	58
C442329	3.37	637	20	0.13	69	760	<2	0.47	<2	8	28	0.36	<10	<10	179	<10	74
C442330	0.01	<5	<1	0.01	<1	10	<2	<0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
C442331	2.54	405	12	0.16	69	730	<2	0.69	2	4	35	0.33	<10	<10	167	<10	44
C442332	2.39	441	18	0.13	78	740	<2	1.41	<2	4	37	0.3	<10	<10	144	<10	58
C442333	3.06	659	20	0.09	68	730	2	1.08	<2	9	26	0.3	<10	<10	163	<10	75
C442334	2.87	550	38	0.07	67	720	<2	1.27	<2	4	21	0.27	<10	<10	143	<10	60
C442335	2.34	444	15	0.14	69	780	<2	1.71	<2	4	42	0.29	<10	<10	142	<10	52
C442336	2	475	4	0.08	49	2030	3	1.4	<2	7	24	0.33	<10	<10	155	<10	50
C442337	4	1050	29	0.05	73	770	2	1.1	<2	25	34	0.27	<10	<10	224	<10	97
C442338	4.25	1230	13	0.07	82	790	<2	1.05	<2	27	39	0.27	<10	<10	246	<10	94
C442339	3.15	959	34	0.06	73	740	2	1.61	2	22	30	0.24	<10	<10	197	<10	75
C442340	4.3	1195	9	0.06	85	750	<2	1.39	<2	28	38	0.27	<10	<10	239	<10	103
C442341	2.83	702	10	0.13	77	720	<2	1.16	<2	12	44	0.27	<10	<10	164	<10	72
C442342	3.46	984	21	0.07	82	750	2	1.28	<2	17	45	0.28	<10	<10	194	<10	98
C442343	2.23	558	16	0.17	62	770	2	0.97	2	6	46	0.25	<10	<10	136	20	55
C442344	1.7	308	17	0.29	62	770	2	0.86	<2	3	66	0.25	<10	<10	120	<10	34
C442345	0.28	950	74	0.05	59	820	41	1.16	9	4	89	0.17	<10	<10	33	60	86
C442346	1.79	375	12	0.29	61	760	2	0.65	<2	4	70	0.24	<10	<10	135	<10	40
C442347	1.82	356	34	0.18	74	760	3	1.35	<2	3	46	0.27	<10	<10	113	<10	39
C442348	1.89	361	9	0.17	66	780	<2	0.9	<2	4	56	0.27	<10	<10	117	<10	38
C442349	1.69	329	16	0.21	58	780	<2	0.66	<2	3	68	0.26	<10	<10	124	<10	33
C442350	2.18	451	5	0.21	70	800	<2	1.18	<2	4	60	0.27	<10	<10	124	<10	42
C442351	1.84	395	9	0.23	65	780	<2	0.9	<2	3	64	0.26	<10	<10	123	<10	38
C442352	2.95	684	48	0.15	60	760	<2	0.49	<2	13	51	0.31	<10	<10	181	<10	64
C442353	3.62	1010	23	0.05	80	780	<2	0.57	<2	21	62	0.28	<10	<10	189	<10	84
C442354	3.41	905	7	0.08	73	1180	2	1.08	3	19	50	0.32	<10	<10	187	<10	77
C442355	3	755	4	0.07	35	2090	<2	1.32	<2	22	33	0.35	<10	<10	209	<10	67
C442356	3.68	840	29	0.06	45	740	<2	1.64	<2	25	31	0.3	<10	<10	228	<10	80
C442357	3.14	611	14	0.08	73	830	<2	1.58	<2	11	23	0.31	<10	<10	178	<10	56
C442358	2.35	405	25	0.08	65	700	2	1.27	2	6	22	0.27	<10	<10	147	<10	31
C442359	2.6	346	55	0.08	65	650	<2	1.09	2	5	15	0.29	<10	<10	161	<10	27
C442360	1.74	306	24	0.09	60	580	2	1.98	<2	8	20	0.18	<10	<10	137	<10	17
C442361	2.01	365	16	0.08	76	660	<2	2.87	<2	12	19	0.19	<10	<10	161	<10	20
C442362	3.36	676	23	0.08	87	770	<2	2.95	<2	17	26	0.3	<10	<10	213	<10	38
C442363	4.02	791	15	0.07	77	830	<2	1.46	2	23	21	0.36	<10	<10	240	<10	65
C442364	3.61	642	60	0.07	55	820	<2	1.32	3	21	23	0.31	<10	<10	240	<10	41
C442365	4.03	641	81	0.07	71	750	2	1.16	<2	24	25	0.27	<10	<10	224	<10	35
C442366	3	618	50	0.08	86	680	<2	1.55	3	19	26	0.26	<10	<10	200	<10	21
C442367	2.89	743	45	0.07	80	730	2	1.21	<2	25	28	0.28	<10	<10	215	<10	31
C442368	1.12	375	44	0.07	24	1330	<2	1.79	<2	7	23	0.13	<10	<10	101	<10	14
C442369	1.13	432	18	0.06	6	1200	3	1.23	<2	5	27	0.1	<10	<10	91	<10	17
C442370	1.16	410	95	0.05	5	1180	4	1.21	2	5	27	0.09	<10	<10	96	<10	21
C442371	0.92	306	32	0.06	4	1230	<2	1.73	<2	4	20	0.08	<10	<10	91	<10	15
C442372	0.98	345	52	0.06	5	1210	2	2.01	<2	4	19	0.08	<10	<10	81	<10	15
C442373	0.85	295	26	0.06	6	1270	2	1.77	<2	5	19	0.1	<10	<10	92	<10	12
C442374	0.89	355	18	0.06	6	1330	<2	1.63	<2	6	24	0.12	<10	<10	87	<10	12
C442375	<0.01	<5	<1	<0.01	<1	10	<2	<0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
C442376	0.81	310	7	0.06	4	1290	<2	1.81	<2	5	22	0.09	<10	<10	83	<10	11

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
C442377	0.009	<0.2	0.89	4	<10	20	<0.5	<2	1.39	<0.5	13	2	138	2.87	10	<1	0.1	10
C442378	0.029	0.2	1	<2	<10	20	<0.5	<2	1.77	<0.5	23	3	973	3.13	10	<1	0.09	10
C442379	0.033	0.3	1.08	6	<10	20	<0.5	<2	2.69	<0.5	14	2	966	2.86	10	<1	0.08	10
C442380	0.009	0.2	1.31	<2	<10	20	<0.5	<2	2.39	<0.5	16	59	407	3.17	10	<1	0.09	10
C442381	<0.005	<0.2	4.22	4	<10	140	<0.5	<2	2.67	<0.5	25	245	141	5.77	10	1	0.98	<10
C442382	0.005	<0.2	4.81	4	<10	220	<0.5	<2	1.23	<0.5	33	239	222	6.08	10	<1	1.56	<10
C442383	<0.005	<0.2	4.66	5	<10	220	<0.5	<2	1.4	<0.5	36	236	187	6.12	10	<1	2.2	<10
C442384	<0.005	0.2	4.79	5	<10	350	<0.5	<2	1.37	<0.5	36	242	222	6	10	1	2.68	<10
C442385	<0.005	<0.2	4.46	2	<10	190	<0.5	<2	1.19	<0.5	29	221	196	5.48	10	<1	1.7	<10
C442386	<0.005	<0.2	5.34	<2	<10	310	<0.5	<2	0.92	<0.5	30	235	136	5.57	10	<1	3.05	<10
C442387	<0.005	<0.2	4.47	<2	<10	240	<0.5	<2	1.18	<0.5	32	233	154	5.86	10	1	2.18	<10
C442388	0.005	<0.2	3.82	11	<10	280	<0.5	<2	1.22	<0.5	26	209	188	5.69	10	1	2.04	<10
C442389	<0.005	<0.2	3.84	6	<10	340	<0.5	<2	1.58	<0.5	27	218	188	5.89	10	<1	1.77	<10
C442390	0.036	32.7	0.38	30	<10	140	<0.5	<2	0.97	<0.5	<1	17	8800	0.95	<10	1	0.23	<10
C442391	0.005	<0.2	2.39	<2	<10	130	<0.5	<2	1.83	<0.5	27	155	562	5.7	10	<1	0.82	<10
C442392	0.01	<0.2	2.59	3	<10	20	<0.5	<2	1.76	<0.5	27	113	174	5.36	10	1	0.1	<10
C442393	<0.005	<0.2	3.67	<2	<10	20	<0.5	<2	2.66	<0.5	38	202	314	6.33	10	1	0.1	<10
C442394	0.006	<0.2	3.49	<2	<10	10	<0.5	<2	1.93	<0.5	34	198	232	5.64	10	<1	0.07	<10
C442395	0.012	<0.2	2.45	6	<10	20	<0.5	<2	3.14	<0.5	31	158	276	5.17	10	<1	0.09	<10
C442396	0.013	0.2	1.61	3	<10	30	<0.5	<2	2.76	<0.5	32	78	753	5.62	10	<1	0.18	<10
C442397	0.009	<0.2	0.87	<2	<10	10	<0.5	<2	2.86	<0.5	15	9	577	2.81	<10	<1	0.05	<10
C442398	0.011	0.2	0.74	<2	<10	10	<0.5	<2	2.25	<0.5	19	13	404	2.8	<10	<1	0.02	<10
C442399	0.012	<0.2	0.52	2	<10	<10	<0.5	<2	1.48	<0.5	13	13	355	2.33	<10	<1	0.01	<10
C442400	0.009	0.4	0.52	2	<10	10	<0.5	<2	0.81	<0.5	10	13	191	2.18	<10	<1	0.05	<10
C442401	0.007	0.3	0.76	<2	<10	10	<0.5	<2	0.8	<0.5	12	15	258	2.73	<10	<1	0.09	<10
C442402	0.005	<0.2	4.48	4	<10	20	0.6	<2	3.64	<0.5	23	152	79	7.22	20	<1	0.07	<10
C442403	0.011	<0.2	1.76	<2	<10	20	<0.5	<2	2.03	<0.5	15	43	196	4.23	10	<1	0.19	<10
C442404	0.016	<0.2	0.89	<2	<10	10	<0.5	<2	1.56	<0.5	18	11	520	3.46	10	<1	0.09	<10
C442405	0.01	<0.2	1.07	<2	<10	10	<0.5	<2	1.42	<0.5	20	11	428	3.83	10	<1	0.1	<10
C442406	0.011	0.2	1.01	3	<10	20	<0.5	<2	1.11	<0.5	18	13	461	3.73	10	<1	0.09	<10
C442407	0.006	0.4	1.23	3	<10	30	<0.5	<2	0.75	<0.5	13	8	162	3.54	10	<1	0.16	<10
C442408	0.013	0.2	1.09	2	<10	20	<0.5	<2	0.92	<0.5	14	13	273	4.14	10	<1	0.09	<10
C442409	0.008	<0.2	1.02	<2	<10	20	<0.5	<2	1.52	<0.5	13	28	213	3.04	10	<1	0.12	<10
C442410	0.012	<0.2	0.93	<2	<10	20	<0.5	<2	1.13	<0.5	15	51	313	3.35	10	<1	0.14	<10
C442411	<0.005	<0.2	0.83	2	<10	20	<0.5	<2	0.96	<0.5	10	10	216	2.89	10	<1	0.1	<10
C442412	0.012	0.2	0.82	<2	<10	20	<0.5	<2	0.94	<0.5	8	9	96	2.62	10	<1	0.07	<10
C442413	0.037	0.2	0.85	<2	<10	10	<0.5	<2	2.45	<0.5	8	7	1170	3.35	10	<1	0.02	<10
C442414	0.005	<0.2	0.99	<2	<10	10	<0.5	<2	2.65	<0.5	2	7	458	3.24	10	<1	0.03	<10
C442415	0.009	<0.2	1.55	<2	<10	30	<0.5	<2	0.56	<0.5	12	23	106	5.42	10	<1	0.18	<10
C442416	0.005	<0.2	1.42	<2	<10	20	<0.5	<2	0.9	<0.5	14	16	174	5.42	10	<1	0.17	<10
C442417	<0.005	<0.2	1.45	<2	<10	30	<0.5	<2	0.77	<0.5	16	26	201	5.05	10	1	0.18	<10
C442418	0.007	<0.2	1.59	2	<10	40	<0.5	<2	0.87	<0.5	17	24	298	5.21	10	<1	0.31	<10
C442419	0.017	0.2	1.46	9	<10	30	<0.5	<2	1.29	<0.5	24	17	560	5.1	10	<1	0.11	<10
C442420	0.008	<0.2	1.3	3	<10	40	<0.5	<2	1.13	<0.5	16	14	375	4.65	10	<1	0.15	<10
C442421	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	2	0.02	<10	<1	<0.01	<10
C442422	0.098	0.2	1.89	4	<10	30	<0.5	<2	1.54	<0.5	59	100	1140	8.42	10	<1	0.12	<10
C442423	0.056	0.2	1.67	<2	<10	20	<0.5	2	1.81	<0.5	78	136	1140	9.19	10	<1	0.06	10
C442424	0.021	<0.2	2.27	<2	<10	60	<0.5	<2	1.36	<0.5	46	146	415	7.76	10	<1	0.07	<10
C442425	0.031	<0.2	2.32	<2	<10	130	<0.5	<2	1.92	0.5	19	143	270	5.69	10	<1	0.11	<10
C442426	0.018	<0.2	2.62	<2	<10	80	<0.5	<2	2.12	<0.5	18	143	464	6.29	10	1	0.12	<10
C442427	0.014	0.2	2.2	<2	<10	10	<0.5	<2	2.64	<0.5	22	125	399	7.55	10	<1	0.05	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442377	0.72	254	3	0.06	4	1230	<2	2.05	<2	4	18	0.09	<10	<10	77	<10	10
C442378	0.86	308	17	0.06	6	1250	<2	2.1	<2	5	21	0.09	<10	<10	83	<10	13
C442379	1.02	423	6	0.06	5	1180	3	1.23	<2	5	29	0.1	<10	<10	91	<10	15
C442380	1.23	438	16	0.06	19	1310	<2	1.5	<2	8	25	0.12	<10	<10	103	<10	21
C442381	4.2	901	9	0.09	77	990	<2	0.44	2	23	30	0.3	<10	<10	209	<10	74
C442382	5.16	866	2	0.07	85	640	<2	0.89	2	27	18	0.33	<10	<10	217	<10	87
C442383	5	581	5	0.08	84	650	<2	1.21	<2	29	28	0.28	<10	<10	229	<10	39
C442384	5.36	548	40	0.09	87	700	<2	1.04	<2	28	24	0.36	<10	<10	229	<10	34
C442385	5.05	696	5	0.1	79	670	<2	0.96	2	21	19	0.31	<10	<10	208	<10	51
C442386	5.73	635	5	0.15	79	690	<2	0.59	3	27	20	0.39	<10	<10	227	<10	42
C442387	5.41	733	7	0.08	84	720	4	1.12	<2	27	18	0.29	<10	<10	228	<10	32
C442388	4.47	545	2	0.07	72	690	<2	1.37	3	26	21	0.26	<10	<10	211	<10	23
C442389	4.3	621	2	0.07	78	700	<2	1.33	2	26	23	0.25	<10	<10	217	<10	27
C442390	0.06	238	391	0.02	2	120	49	1.07	52	<1	168	<0.01	<10	<10	6	<10	31
C442391	2.45	523	18	0.08	63	580	2	2.69	2	19	23	0.15	<10	<10	155	<10	27
C442392	2.72	688	35	0.04	50	620	<2	2.1	<2	15	19	0.09	<10	<10	113	<10	56
C442393	3.91	1075	15	0.05	77	660	<2	1.84	<2	20	24	0.15	<10	<10	183	<10	102
C442394	3.74	830	31	0.05	66	720	2	1.5	2	19	20	0.09	<10	<10	189	<10	73
C442395	2.57	783	47	0.05	52	720	3	2.25	<2	17	31	0.03	<10	<10	144	<10	42
C442396	1.56	625	39	0.05	50	670	<2	3.88	<2	13	29	0.03	<10	<10	89	<10	28
C442397	0.87	468	41	0.06	6	510	<2	1.3	<2	11	28	0.02	<10	<10	40	<10	13
C442398	0.69	327	59	0.07	6	540	<2	1.48	<2	10	20	0.02	<10	<10	37	<10	10
C442399	0.51	257	14	0.06	4	390	<2	0.98	<2	6	14	0.02	<10	<10	27	<10	6
C442400	0.4	183	18	0.06	4	340	<2	0.98	<2	6	9	0.02	<10	<10	25	<10	6
C442401	0.59	241	32	0.06	7	390	<2	0.87	<2	8	10	0.04	<10	<10	41	<10	10
C442402	4.51	1295	5	0.07	72	650	<2	0.27	<2	31	43	0.32	<10	<10	208	<10	108
C442403	1.36	478	22	0.09	24	420	<2	0.69	<2	12	31	0.1	<10	<10	75	<10	28
C442404	0.77	300	29	0.05	5	460	<2	1.7	<2	10	15	0.02	<10	<10	51	<10	14
C442405	0.9	340	14	0.05	6	460	<2	2.01	<2	9	14	0.03	<10	<10	49	<10	16
C442406	0.85	295	8	0.05	5	470	<2	2.03	<2	9	12	0.03	<10	<10	49	<10	16
C442407	1.03	299	15	0.03	4	390	<2	1.13	<2	11	11	0.04	<10	<10	49	<10	22
C442408	0.96	272	9	0.05	5	390	<2	1.81	<2	10	12	0.02	<10	<10	59	<10	18
C442409	0.88	341	9	0.04	11	320	<2	1.29	<2	10	14	0.05	<10	<10	37	<10	17
C442410	0.74	264	15	0.04	17	280	<2	1.54	<2	10	12	0.09	<10	<10	39	<10	13
C442411	0.64	234	7	0.05	3	320	<2	0.74	<2	9	11	0.06	<10	<10	40	<10	12
C442412	0.67	246	12	0.05	4	360	<2	0.74	<2	9	11	0.04	<10	<10	28	<10	12
C442413	0.77	368	28	0.07	9	470	<2	1.18	<2	10	22	0.05	<10	<10	40	<10	13
C442414	0.83	425	4	0.07	6	620	<2	0.15	<2	13	24	0.06	<10	<10	62	<10	13
C442415	1.17	362	190	0.04	10	220	<2	0.49	<2	14	10	0.12	<10	<10	76	<10	25
C442416	1.06	405	63	0.04	8	350	<2	0.63	<2	12	12	0.09	<10	<10	84	<10	24
C442417	1.21	373	20	0.07	10	320	<2	0.99	<2	17	11	0.09	<10	<10	111	<10	28
C442418	1.4	373	7	0.09	9	380	<2	1.4	<2	19	17	0.1	<10	<10	129	<10	31
C442419	1.3	423	27	0.06	10	650	<2	2.26	<2	16	17	0.11	<10	<10	88	<10	29
C442420	1.1	354	12	0.06	6	820	<2	1.39	<2	16	14	0.11	<10	<10	66	<10	25
C442421	<0.01	<5	<1	<0.01	<1	10	<2	0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
C442422	1.61	523	53	0.08	42	540	3	3.52	<2	18	15	0.15	<10	<10	187	<10	35
C442423	1.58	470	3	0.1	50	600	<2	5.25	<2	19	16	0.15	<10	<10	208	<10	29
C442424	2.15	577	50	0.09	48	630	2	3.35	<2	25	17	0.23	<10	<10	229	<10	49
C442425	2.08	678	11	0.07	38	660	<2	1.47	<2	26	23	0.25	<10	<10	222	<10	47
C442426	2.41	857	4	0.05	38	640	<2	1.02	<2	27	20	0.27	<10	<10	235	<10	58
C442427	2.16	711	16	0.08	38	520	<2	2.91	<2	22	27	0.17	<10	<10	195	<10	59

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
C442428	0.012	<0.2	2.16	3	<10	10	<0.5	<2	3.2	<0.5	14	119	644	6.72	10	<1	0.03	<10
C442429	0.012	<0.2	2.6	2	<10	20	<0.5	<2	2.55	<0.5	19	129	627	6.83	10	<1	0.14	<10
C442430	0.009	<0.2	2.92	2	<10	10	<0.5	<2	2.28	<0.5	21	138	310	6.93	10	<1	0.08	<10
C442431	0.006	0.2	2.56	<2	<10	10	<0.5	<2	2.76	<0.5	17	124	698	6.7	10	1	0.07	<10
C442432	<0.005	<0.2	2.9	<2	<10	30	<0.5	<2	2.65	<0.5	18	130	542	7.12	10	<1	0.28	<10
C442433	0.01	<0.2	2.24	<2	<10	10	<0.5	<2	2.97	<0.5	25	108	634	5.53	10	1	0.06	<10
C442434	0.012	<0.2	1.64	<2	<10	60	<0.5	<2	2.72	<0.5	29	65	541	5.08	10	1	0.08	<10
C442435	0.027	<0.2	1.38	<2	<10	20	<0.5	<2	2.46	<0.5	24	72	283	4.48	10	<1	0.06	<10
C442436	0.028	<0.2	1.55	2	<10	10	<0.5	<2	2.77	<0.5	28	60	42	4.63	10	<1	0.04	<10
C442437	2.96	2.6	2.06	595	30	130	<0.5	261	10.45	<0.5	32	54	310	5.96	10	3	0.17	10
C442438	0.017	0.2	1.46	5	<10	20	<0.5	<2	2.58	<0.5	25	63	180	4.84	10	<1	0.13	<10
C442439	0.038	<0.2	1.9	<2	<10	20	<0.5	<2	1.59	<0.5	34	71	232	5.67	10	<1	0.07	<10
C442440	0.018	0.2	1.72	<2	<10	10	<0.5	<2	1.47	<0.5	38	80	415	5.38	10	<1	0.06	<10
C442441	0.008	0.2	1.73	<2	<10	20	<0.5	<2	1.3	<0.5	20	80	323	4.77	10	<1	0.11	<10
C442442	0.01	0.2	1.26	2	<10	20	<0.5	<2	1.31	<0.5	39	68	445	5.16	10	<1	0.07	<10
C442443	0.005	0.2	2.17	<2	<10	20	<0.5	<2	1.88	<0.5	22	97	467	5.26	10	<1	0.1	<10
C442444	0.007	0.2	1.75	2	<10	30	<0.5	<2	1.59	<0.5	18	71	430	4.69	10	<1	0.19	<10
C442445	0.097	0.7	1.42	14	<10	40	<0.5	<2	0.71	<0.5	86	57	2680	11.95	10	<1	0.12	<10
C442446	0.042	0.4	1.65	<2	<10	60	<0.5	<2	1.45	<0.5	60	99	1030	7.84	10	<1	0.14	<10
C442447	0.015	<0.2	1.34	2	<10	30	<0.5	<2	1.65	<0.5	29	61	456	4.29	10	<1	0.11	<10
C442448	0.033	0.4	2.58	5	<10	30	<0.5	<2	1.27	<0.5	44	286	624	7.4	10	<1	0.11	<10
C442449	0.017	0.3	1.98	2	<10	20	<0.5	<2	1.3	<0.5	36	78	526	5.44	10	<1	0.06	<10
C442450	0.022	0.2	2.52	2	<10	20	<0.5	<2	3.03	<0.5	33	190	472	5.59	10	<1	0.11	<10
C442451	<0.005	<0.2	2.02	2	<10	40	<0.5	<2	3.07	<0.5	7	14	268	5.77	10	<1	0.1	10
C442452	<0.005	<0.2	2.04	<2	<10	30	<0.5	<2	3.05	<0.5	5	4	104	6.35	10	<1	0.07	<10
C442453	<0.005	<0.2	2.04	<2	<10	30	<0.5	<2	3.06	<0.5	5	7	104	6.25	10	<1	0.06	<10
C442454	0.011	0.2	1.96	7	<10	<10	<0.5	<2	4.48	<0.5	14	32	52	5.06	10	<1	0.02	<10
C442455	0.008	<0.2	1.08	<2	<10	<10	<0.5	<2	1.82	<0.5	11	30	19	3.03	10	<1	0.01	<10
C442456	0.008	<0.2	0.87	<2	<10	<10	<0.5	<2	2.07	<0.5	13	10	76	2.62	10	<1	0.01	<10
C442457	0.006	0.2	0.75	<2	<10	<10	<0.5	<2	2.08	<0.5	9	13	109	2.83	<10	<1	0.01	<10
C442458	0.01	0.2	1.04	<2	<10	10	<0.5	<2	1.62	<0.5	18	11	96	3.68	10	<1	0.12	<10
C442459	0.006	<0.2	0.84	<2	<10	10	<0.5	<2	1	<0.5	12	13	26	3.53	10	<1	0.03	<10
C442460	<0.005	<0.2	1.5	6	<10	50	<0.5	<2	1.17	<0.5	12	20	14	5.24	10	<1	0.19	<10
C442461	<0.005	<0.2	1.22	2	<10	10	<0.5	<2	0.73	<0.5	14	23	30	4.27	10	<1	0.04	<10
C442462	0.005	<0.2	0.88	<2	<10	10	<0.5	<2	0.54	<0.5	8	16	18	2.73	10	<1	0.05	<10
C442463	<0.005	<0.2	1.75	6	<10	20	<0.5	<2	0.63	<0.5	17	52	62	5.75	10	<1	0.1	<10
C442464	0.011	<0.2	1.73	<2	<10	20	<0.5	<2	0.97	<0.5	28	122	69	6.17	10	<1	0.09	<10
C442465	0.008	0.2	2.01	3	<10	<10	<0.5	<2	4.09	<0.5	37	120	245	5.56	10	<1	0.03	<10
C442466	0.005	<0.2	2.36	3	<10	<10	<0.5	<2	1.94	<0.5	21	118	125	5.74	10	<1	0.03	<10
C442467	0.006	<0.2	3.1	5	<10	<10	<0.5	2	1.8	<0.5	23	191	171	6.11	10	<1	0.02	<10
C442468	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10	<1	<0.01	<10
C442469	0.009	<0.2	2.52	3	<10	<10	<0.5	<2	2.03	<0.5	32	145	224	5.86	10	<1	0.03	<10
C442470	<0.005	<0.2	4.36	<2	<10	10	<0.5	<2	3.15	<0.5	23	267	246	6.69	20	<1	0.11	<10
C442471	0.007	<0.2	2.65	<2	<10	<10	<0.5	<2	4.72	<0.5	31	235	142	5.89	10	<1	0.05	<10
C442472	0.006	<0.2	2.77	<2	<10	10	<0.5	<2	3.56	<0.5	24	260	178	6.08	10	<1	0.06	<10
C442473	<0.005	<0.2	2.48	8	<10	10	<0.5	<2	3.02	<0.5	42	259	68	6.31	10	<1	0.03	<10
C442474	<0.005	<0.2	2.76	<2	<10	<10	<0.5	3	4.56	<0.5	29	245	96	6.1	10	<1	0.05	<10
C442475	0.007	<0.2	3.32	2	<10	10	<0.5	<2	4.27	<0.5	29	216	346	6.54	10	<1	0.05	<10
C442476	0.013	0.2	2.85	<2	<10	10	<0.5	<2	4.11	<0.5	39	208	483	6.98	10	<1	0.06	<10
C442477	0.012	0.2	3.34	<2	<10	10	<0.5	<2	3.85	<0.5	33	217	565	6.72	10	<1	0.03	<10
C442478	0.024	<0.2	1.65	2	<10	80	<0.5	<2	0.94	<0.5	23	69	103	5.2	10	<1	0.12	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442428	2.19	734	5	0.08	38	530	<2	1.83	<2	23	30	0.18	10	<10	185	<10	58
C442429	2.67	810	14	0.07	40	630	2	1.93	2	23	30	0.22	<10	<10	186	<10	72
C442430	3.08	867	1	0.07	44	570	<2	1.75	<2	22	28	0.21	<10	<10	198	<10	74
C442431	2.63	801	7	0.08	44	570	<2	1.59	<2	25	29	0.24	<10	<10	200	<10	62
C442432	2.91	850	8	0.09	38	640	<2	1.5	<2	26	28	0.27	<10	<10	215	<10	72
C442433	2.27	725	71	0.07	32	480	<2	2.2	<2	24	31	0.19	<10	<10	169	<10	51
C442434	1.63	568	32	0.05	28	440	2	2.92	<2	18	30	0.11	<10	<10	113	<10	30
C442435	1.17	631	17	0.06	24	440	<2	2.07	<2	15	22	0.06	<10	<10	97	<10	21
C442436	1.23	728	41	0.07	25	390	2	2.29	<2	13	23	0.03	<10	<10	90	<10	20
C442437	0.29	1015	78	0.04	59	820	46	1.18	7	4	86	0.17	<10	<10	35	60	85
C442438	1.19	584	12	0.04	25	470	3	2.11	<2	13	23	0.03	10	<10	93	<10	24
C442439	1.82	558	11	0.04	33	460	5	3.15	<2	15	16	0.08	<10	<10	121	<10	41
C442440	1.68	501	20	0.04	30	440	2	2.74	<2	15	15	0.11	<10	<10	126	<10	35
C442441	1.69	500	5	0.05	24	420	3	1.75	<2	18	14	0.18	<10	<10	128	<10	38
C442442	1.2	378	33	0.04	31	390	3	3	<2	14	14	0.14	<10	<10	103	<10	27
C442443	2.12	627	3	0.06	26	510	3	1.99	<2	21	19	0.19	<10	<10	148	10	51
C442444	1.76	498	2	0.05	23	400	5	2.24	<2	16	17	0.15	10	<10	113	<10	37
C442445	1.4	328	39	0.02	59	340	4	>10.0	<2	11	10	0.1	10	<10	97	10	32
C442446	1.62	445	5	0.03	50	470	2	6.5	<2	15	14	0.12	<10	<10	114	<10	33
C442447	1.2	404	23	0.05	27	420	3	2.74	<2	14	16	0.12	<10	<10	93	<10	21
C442448	2.55	704	74	0.05	67	550	4	4.38	2	17	15	0.17	<10	<10	152	<10	61
C442449	2.07	508	11	0.06	31	410	3	3.15	<2	17	15	0.15	10	<10	119	<10	45
C442450	2.8	742	16	0.07	74	500	7	2.53	<2	20	28	0.18	<10	<10	149	<10	64
C442451	2.07	704	4	0.06	8	1420	<2	0.1	<2	13	35	0.2	10	<10	202	<10	49
C442452	2.11	741	1	0.06	7	1420	3	0.14	<2	14	30	0.16	10	<10	234	<10	35
C442453	2.12	742	1	0.06	7	1440	3	0.13	<2	14	30	0.16	<10	<10	232	<10	36
C442454	2.05	885	<1	0.06	17	1040	2	1.17	<2	12	38	0.07	<10	<10	123	<10	29
C442455	1.09	367	4	0.05	10	380	3	1.15	<2	10	17	0.04	10	<10	58	<10	22
C442456	0.79	376	2	0.07	6	490	<2	1.23	<2	10	18	0.06	<10	<10	34	<10	14
C442457	0.66	418	2	0.07	5	420	4	1.1	<2	8	18	0.04	<10	<10	29	<10	9
C442458	0.83	347	3	0.06	6	380	4	1.86	<2	10	14	0.06	<10	<10	32	<10	16
C442459	0.74	233	1	0.07	3	400	2	0.76	<2	12	9	0.1	<10	<10	46	<10	14
C442460	1.21	367	18	0.03	9	220	2	0.46	<2	15	11	0.13	10	<10	73	<10	23
C442461	1.18	312	5	0.06	8	280	3	0.52	<2	17	7	0.15	<10	<10	89	<10	22
C442462	0.79	255	3	0.05	5	190	3	0.41	<2	10	6	0.06	<10	<10	36	<10	21
C442463	1.59	475	1	0.04	20	410	2	0.37	<2	16	8	0.14	<10	<10	78	<10	38
C442464	1.57	462	7	0.06	39	250	<2	1.31	<2	18	9	0.2	<10	<10	107	<10	36
C442465	2.31	721	13	0.07	36	670	4	1.33	<2	22	29	0.2	10	<10	189	<10	29
C442466	3.03	631	4	0.07	36	500	5	0.63	<2	23	16	0.27	10	<10	172	<10	46
C442467	3.75	759	20	0.05	62	580	<2	0.76	<2	28	13	0.3	<10	<10	218	<10	67
C442468	0.01	<5	<1	<0.01	<1	10	<2	<0.01	<2	<1	1	<0.01	<10	<10	<1	<10	4
C442469	3.01	674	4	0.07	47	690	<2	1.72	<2	24	16	0.22	10	<10	170	<10	51
C442470	5.1	996	8	0.05	76	680	4	0.5	<2	34	25	0.34	10	<10	272	<10	78
C442471	2.84	982	25	0.06	54	770	6	1.65	<2	26	45	0.24	<10	<10	210	<10	47
C442472	2.63	936	9	0.11	63	760	5	1.19	<2	30	26	0.27	10	<10	229	<10	42
C442473	2.33	848	5	0.09	51	700	3	1.01	<2	28	22	0.2	<10	<10	232	<10	30
C442474	2.82	927	6	0.09	54	680	5	1.05	<2	28	31	0.26	<10	<10	214	<10	40
C442475	3.56	961	1	0.07	61	590	5	1.06	<2	27	33	0.26	10	<10	226	<10	58
C442476	3.06	846	2	0.08	80	590	4	2.55	<2	24	30	0.24	<10	<10	223	<10	52
C442477	3.66	939	1	0.06	62	560	4	1.31	<2	26	29	0.28	<10	10	220	<10	65
C442478	1.5	472	2	0.09	30	360	<2	3.35	<2	15	11	0.17	<10	<10	82	<10	35

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
C442479	0.018	<0.2	1.31	5	<10	50	<0.5	2	1.17	<0.5	17	54	87	4.47	10	<1	0.09	<10
C442480	0.011	0.2	3.94	<2	<10	30	0.6	<2	2.64	<0.5	27	163	24	7.08	10	<1	0.07	<10
C442481	<0.005	<0.2	4.53	9	<10	30	0.5	<2	4.42	<0.5	31	181	11	6.15	10	<1	0.05	<10
C442482	0.007	<0.2	4.67	<2	<10	30	0.6	<2	3.71	<0.5	30	197	30	6.76	10	<1	0.05	<10
C442483	0.051	<0.2	2.45	5	<10	100	<0.5	2	1.23	<0.5	31	192	164	5.24	10	<1	0.16	<10
C442484	0.039	34.6	0.37	25	<10	130	<0.5	<2	1.01	<0.5	1	17	8930	0.95	<10	<1	0.22	<10
C442485	0.097	0.4	3.93	9	<10	20	<0.5	<2	2.84	<0.5	51	191	634	8.61	10	<1	0.08	<10
C442486	0.056	0.2	4.25	<2	<10	30	<0.5	2	2.88	<0.5	38	230	326	7.6	10	<1	0.08	<10
C442487	0.064	0.4	3.97	7	<10	20	0.5	<2	3.97	<0.5	38	189	1010	7.48	10	<1	0.12	<10
C442488	0.059	0.3	3.78	4	<10	20	0.5	2	4.1	<0.5	32	174	689	7.49	10	<1	0.11	<10
C442489	0.07	0.2	3.65	<2	<10	20	<0.5	<2	4.01	<0.5	35	176	336	7.67	10	<1	0.09	<10
C442490	0.081	<0.2	3.94	<2	<10	20	<0.5	<2	4.19	<0.5	37	189	405	7.57	10	1	0.08	<10
C442491	0.048	0.2	4.17	3	<10	20	0.5	<2	3.04	<0.5	36	203	144	8.77	20	<1	0.12	<10
C442492	0.087	<0.2	3.97	7	<10	50	<0.5	<2	3.23	<0.5	36	185	278	7.45	10	<1	0.24	<10
C442493	0.104	0.3	3.86	<2	<10	20	<0.5	<2	4	<0.5	44	224	474	7.7	10	<1	0.16	<10
C442494	0.066	0.3	3.6	<2	<10	20	<0.5	2	3.87	<0.5	51	228	519	7.62	10	<1	0.22	<10
C442495	0.06	0.3	2.85	7	<10	40	<0.5	<2	2.33	<0.5	33	114	727	6.71	10	<1	0.38	<10
C442496	0.073	0.2	3.19	12	<10	30	<0.5	<2	2.45	<0.5	37	56	412	7.65	10	<1	0.21	<10
C442497	0.033	0.3	4.24	<2	<10	40	<0.5	<2	2.98	<0.5	24	230	443	7.24	10	<1	0.23	<10
C442498	0.061	0.2	3.27	4	<10	30	<0.5	<2	2.48	<0.5	35	173	406	6.39	10	<1	0.16	<10
C442499	0.047	0.2	3.13	9	<10	40	<0.5	3	1.61	<0.5	33	136	272	6.28	10	<1	0.2	<10
C442500	0.066	0.2	3.24	<2	<10	50	<0.5	<2	1.53	<0.5	32	138	345	6.4	10	<1	0.24	<10
C248022	0.042	0.2	3.19	7	<10	20	<0.5	<2	1.47	<0.5	42	149	386	5.96	10	1	0.17	<10
C248023	2.9	2.6	1.91	573	30	120	<0.5	253	9.59	<0.5	29	50	302	5.5	10	4	0.17	10
C248024	0.028	0.2	3.57	7	<10	30	<0.5	<2	2.54	<0.5	35	174	214	6.12	10	<1	0.28	<10
C248025	0.033	<0.2	3.37	4	<10	20	<0.5	<2	2.3	<0.5	37	148	297	5.7	10	<1	0.23	<10
C248986	0.186	0.3	2.37	7	<10	30	<0.5	<2	1.94	<0.5	43	147	703	7.46	10	<1	0.11	<10
C248987	0.156	0.4	2.65	22	<10	30	<0.5	2	1.68	<0.5	43	186	597	7.32	10	<1	0.1	<10
C248988	0.104	0.3	3.53	7	<10	30	<0.5	<2	2.31	<0.5	49	236	403	8.86	10	<1	0.16	<10
C248989	0.065	0.3	3.78	3	<10	20	<0.5	<2	4.36	<0.5	44	232	580	7.33	10	<1	0.13	<10
C248990	0.02	<0.2	4.24	5	<10	20	<0.5	<2	3.55	<0.5	31	224	616	6.68	10	<1	0.14	<10
C248991	0.038	<0.2	4.3	<2	<10	10	<0.5	4	5.29	<0.5	38	224	503	7.05	10	<1	0.09	<10
C248992	0.079	0.3	3.54	5	<10	30	<0.5	3	1.94	<0.5	42	188	581	7	10	<1	0.18	<10
C248993	0.017	<0.2	3.94	<2	<10	70	<0.5	2	1.82	<0.5	23	155	91	6.14	10	<1	0.35	<10
C248994	0.017	0.2	3.51	<2	<10	20	<0.5	3	3.36	<0.5	25	196	220	6.35	10	<1	0.12	<10
C248995	0.075	0.2	3.51	18	<10	30	<0.5	4	2.03	<0.5	32	146	335	8.01	10	<1	0.24	<10
C248996	0.072	0.2	3.76	10	<10	20	<0.5	4	2.89	<0.5	34	196	318	7.44	10	<1	0.2	<10
C248997	0.08	<0.2	3.14	10	<10	20	<0.5	<2	3.46	<0.5	34	170	320	6.27	10	<1	0.19	<10
C248998	0.067	0.2	3.03	4	<10	20	<0.5	3	2.49	<0.5	35	178	249	5.85	10	<1	0.17	<10
C248999	0.078	0.2	3.16	10	<10	20	<0.5	4	2.65	<0.5	42	178	322	6.77	10	<1	0.16	<10
C249000	0.039	<0.2	3.1	8	<10	20	<0.5	4	1.75	<0.5	36	145	255	5.72	10	<1	0.17	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442479	1.25	386	2	0.08	21	350	4	3.15	<2	14	13	0.15	<10	<10	69	<10	28
C442480	4	1220	1	0.03	97	680	4	1.75	<2	22	28	0.31	10	<10	192	<10	109
C442481	4.89	1550	<1	0.03	137	570	3	0.06	<2	24	45	0.34	10	<10	172	<10	152
C442482	5.02	1540	1	0.02	141	560	3	0.24	<2	23	36	0.33	10	<10	178	<10	150
C442483	2.32	726	4	0.04	69	500	4	2.05	<2	21	15	0.24	<10	<10	170	<10	64
C442484	0.06	239	395	0.01	2	110	53	1.05	54	<1	158	<0.01	<10	<10	6	<10	27
C442485	3.95	1270	5	0.04	83	590	2	3.67	<2	23	30	0.26	10	<10	194	<10	111
C442486	4.35	1360	7	0.04	79	540	5	2.03	<2	25	30	0.25	10	<10	214	<10	124
C442487	3.93	1240	8	0.04	70	630	5	2.18	<2	25	41	0.27	10	<10	214	<10	93
C442488	3.72	1220	3	0.05	64	680	<2	1.98	<2	27	43	0.29	10	<10	240	10	83
C442489	3.72	1285	1	0.05	63	660	5	2.25	<2	26	38	0.28	<10	<10	242	10	94
C442490	4.09	1410	2	0.04	67	590	2	2.17	<2	28	40	0.27	<10	<10	230	<10	110
C442491	4.16	1390	2	0.05	60	640	<2	1.83	<2	28	30	0.29	<10	<10	249	<10	125
C442492	3.86	1310	3	0.05	66	610	4	2.32	<2	26	33	0.29	10	<10	222	<10	108
C442493	4.02	1380	2	0.05	85	560	5	3.01	<2	24	42	0.25	10	<10	203	<10	109
C442494	3.61	1235	3	0.07	85	520	2	3.37	<2	21	50	0.26	10	<10	192	<10	94
C442495	2.58	834	5	0.08	55	1850	5	2.73	<2	14	85	0.36	10	<10	157	<10	74
C442496	2.98	1040	2	0.07	34	3620	4	3.13	<2	20	37	0.47	<10	<10	208	10	96
C442497	4.04	1500	1	0.05	71	640	3	1.21	<2	23	48	0.29	10	<10	231	<10	149
C442498	3.43	1270	3	0.05	66	770	4	1.9	<2	17	41	0.3	10	<10	195	<10	134
C442499	3.1	1120	7	0.07	55	630	3	1.58	<2	10	35	0.29	<10	<10	189	<10	111
C442500	3.15	1130	7	0.08	56	660	2	1.68	<2	11	37	0.33	10	<10	200	<10	115
C248022	3.08	964	1	0.07	65	580	2	1.87	<2	9	50	0.27	10	<10	158	10	96
C248023	0.28	922	73	0.04	58	800	44	1.15	7	4	85	0.16	<10	<10	32	60	83
C248024	3.33	1085	1	0.11	67	580	6	1.13	<2	14	70	0.31	<10	<10	184	<10	104
C248025	3.04	1000	1	0.08	63	590	2	1.24	<2	11	64	0.31	<10	<10	173	<10	92
C248986	2.24	796	1	0.05	50	780	4	3.92	<2	26	23	0.27	<10	<10	248	<10	59
C248987	2.66	932	5	0.04	73	610	4	3.9	<2	22	22	0.24	<10	<10	199	<10	84
C248988	3.54	1235	8	0.06	84	680	3	4.07	<2	24	41	0.27	10	<10	244	<10	115
C248989	4	1485	6	0.05	86	560	5	2.11	<2	25	53	0.26	10	<10	220	<10	142
C248990	4.15	1410	3	0.07	76	590	<2	0.86	<2	21	64	0.27	<10	<10	204	10	138
C248991	4.3	1540	9	0.06	80	570	<2	1.39	<2	23	57	0.25	<10	10	207	<10	132
C248992	3.32	1140	2	0.08	75	600	3	2.25	<2	14	56	0.28	<10	<10	181	10	101
C248993	3.26	1190	<1	0.14	59	630	5	0.57	<2	9	73	0.33	<10	<10	185	<10	126
C248994	3.5	1270	<1	0.07	58	650	<2	0.83	<2	18	71	0.28	<10	<10	199	<10	125
C248995	3.28	1210	<1	0.07	55	800	2	2.8	<2	13	65	0.29	10	<10	183	<10	126
C248996	3.64	1250	<1	0.09	58	600	4	2.54	<2	19	59	0.26	<10	<10	206	<10	127
C248997	2.99	1120	<1	0.09	67	640	2	2.28	<2	15	69	0.22	10	<10	168	<10	98
C248998	2.81	1020	<1	0.09	61	650	<2	2.13	<2	11	58	0.25	<10	<10	167	<10	89
C248999	3.11	1090	<1	0.08	68	600	4	2.71	<2	13	62	0.24	<10	<10	167	10	96
C249000	2.88	928	<1	0.1	61	630	<2	1.51	<2	8	62	0.27	<10	<10	151	<10	81

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
442001	0.021	<0.2	0.52	<2	<10	50	<0.5	<2	2.91	<0.5	7	2	18	1.84	<10	<1	0.22	10
442002	0.008	<0.2	0.69	<2	<10	40	<0.5	<2	2.72	<0.5	10	4	27	2.23	<10	<1	0.29	<10
442003	0.017	<0.2	0.75	<2	<10	60	<0.5	<2	2.01	<0.5	16	9	37	2.54	<10	<1	0.41	10
442004	0.008	<0.2	1.16	3	<10	30	<0.5	<2	3.1	<0.5	11	3	20	3.97	<10	<1	0.27	<10
442005	0.006	<0.2	0.67	2	<10	20	<0.5	<2	2.73	<0.5	10	2	18	2.98	<10	<1	0.26	<10
442006	0.011	<0.2	0.64	<2	<10	20	<0.5	<2	1.81	<0.5	9	4	23	2.58	<10	<1	0.2	<10
442007	0.017	<0.2	0.54	<2	<10	20	<0.5	<2	2.19	<0.5	12	5	39	3.04	<10	<1	0.14	<10
442008	0.164	<0.2	0.55	4	<10	20	<0.5	<2	5.56	<0.5	21	15	48	3.73	<10	<1	0.15	<10
442009	0.703	<0.2	0.98	4	<10	30	<0.5	<2	4.46	<0.5	16	9	61	6.91	<10	<1	0.18	<10
442011	1.835	0.2	0.71	6	<10	20	<0.5	<2	5.28	<0.5	28	11	235	6.47	<10	<1	0.15	<10
442012	0.092	<0.2	0.72	2	<10	20	<0.5	<2	3.8	<0.5	13	4	33	4.63	<10	<1	0.22	<10
442013	0.373	0.2	0.72	2	<10	20	<0.5	<2	3.55	<0.5	21	7	136	5.17	<10	<1	0.21	<10
442014	0.028	<0.2	0.68	2	<10	30	<0.5	<2	1.74	<0.5	12	3	18	3.55	<10	<1	0.33	<10
442015	<0.005	<0.2	0.01	3	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10	<1	<0.01	<10
442016	0.018	<0.2	0.93	4	<10	30	<0.5	<2	2.82	<0.5	15	6	15	6.15	<10	<1	0.32	<10
442017	0.027	<0.2	0.92	2	<10	20	<0.5	<2	6.09	<0.5	19	54	29	4.12	<10	<1	0.2	<10
442018	0.008	<0.2	1.02	2	<10	10	<0.5	<2	4.66	<0.5	35	78	309	3.87	10	<1	0.22	<10
442019	0.006	<0.2	0.58	3	<10	10	<0.5	<2	6.22	<0.5	23	64	109	4.16	<10	<1	0.13	<10
442020	0.012	<0.2	0.56	<2	<10	10	<0.5	<2	5.89	<0.5	29	43	85	4.06	<10	<1	0.21	<10
442021	0.012	<0.2	0.86	4	<10	20	<0.5	<2	3.81	<0.5	28	57	149	4.03	<10	<1	0.26	<10
442022	0.008	<0.2	1.56	<2	<10	20	<0.5	<2	4.81	<0.5	21	103	177	4.58	10	<1	0.23	<10
442023	0.008	<0.2	1.97	5	<10	10	<0.5	<2	4.19	<0.5	37	138	393	5.14	10	<1	0.18	<10
442024	0.018	<0.2	1.02	2	<10	10	<0.5	<2	4.17	<0.5	27	90	522	4.06	<10	<1	0.18	<10
442025	0.006	<0.2	1.26	<2	<10	10	<0.5	<2	5	<0.5	21	95	139	4.61	<10	<1	0.18	<10
442026	0.03	0.6	1.01	4	<10	20	<0.5	<2	4.8	<0.5	21	51	133	5.34	<10	<1	0.27	<10
442027	0.01	<0.2	0.65	2	<10	10	<0.5	<2	6.17	<0.5	21	57	27	3.92	<10	<1	0.14	<10
442028	0.023	<0.2	1.62	9	<10	20	<0.5	<2	8	<0.5	25	79	21	3.84	10	<1	0.24	<10
442029	0.041	<0.2	1.46	2	<10	10	<0.5	2	6.59	<0.5	61	55	54	6.55	<10	<1	0.1	<10
442030	0.043	34.7	0.4	25	<10	140	<0.5	3	1.07	<0.5	<1	18	9140	1	<10	<1	0.24	<10
442031	0.016	<0.2	1.2	3	<10	20	<0.5	<2	6.12	<0.5	28	43	174	3.53	<10	<1	0.24	<10
442032	0.021	0.2	1.37	2	<10	10	<0.5	<2	6.87	<0.5	34	57	75	4.12	<10	<1	0.12	<10
442033	0.064	0.2	1.2	2	<10	10	<0.5	<2	6.54	<0.5	59	77	76	5.48	<10	<1	0.09	<10
442034	0.005	<0.2	0.43	<2	<10	10	<0.5	<2	5.66	<0.5	15	60	23	3.83	<10	<1	0.13	<10
442035	0.02	<0.2	0.87	4	<10	20	<0.5	<2	5.66	<0.5	26	85	63	4.48	<10	<1	0.19	<10
442036	<0.005	<0.2	0.6	4	<10	10	<0.5	<2	5.49	<0.5	15	103	23	4.39	<10	<1	0.12	<10
442037	<0.005	<0.2	0.67	5	<10	10	<0.5	<2	6.04	<0.5	21	72	68	4.43	<10	<1	0.19	<10
442038	0.006	<0.2	0.53	3	<10	10	<0.5	<2	4.7	<0.5	34	99	26	4.1	<10	<1	0.12	<10
442039	0.005	<0.2	0.58	3	<10	20	<0.5	<2	4.87	<0.5	31	75	43	3.63	<10	<1	0.21	<10
442040	<0.005	<0.2	0.43	<2	<10	10	<0.5	<2	6.19	<0.5	20	123	37	4.44	<10	<1	0.1	<10
442041	0.008	<0.2	0.63	3	10	20	<0.5	<2	4.63	<0.5	46	98	111	4.98	<10	<1	0.18	<10
442042	<0.005	<0.2	0.56	<2	<10	10	<0.5	<2	5.25	<0.5	20	117	28	4.17	<10	<1	0.12	<10
442043	<0.005	<0.2	1.65	<2	<10	20	<0.5	<2	8.78	<0.5	20	55	8	4.22	10	<1	0.09	<10
442044	<0.005	<0.2	2.02	3	<10	10	<0.5	<2	10.25	<0.5	24	52	10	7.13	10	<1	0.04	<10
442045	<0.005	<0.2	0.64	<2	<10	20	<0.5	<2	5.79	<0.5	17	38	9	4.01	<10	<1	0.21	<10
442046	0.007	<0.2	1.12	<2	<10	20	<0.5	<2	7.82	<0.5	20	43	12	5.63	<10	<1	0.15	<10
442047	0.005	<0.2	0.42	2	<10	10	<0.5	<2	5.94	<0.5	32	39	77	6.73	<10	<1	0.09	<10
442048	<0.005	<0.2	0.54	4	10	20	<0.5	<2	3.23	<0.5	30	30	257	4.44	<10	<1	0.19	<10
442049	<0.005	<0.2	0.34	4	<10	10	<0.5	<2	5.02	<0.5	25	31	47	4.17	<10	<1	0.12	<10
442050	<0.005	<0.2	0.47	2	<10	10	<0.5	<2	4.36	<0.5	18	36	31	3.77	<10	<1	0.15	<10
442051	0.006	<0.2	0.39	3	<10	10	<0.5	<2	4.89	<0.5	19	28	20	3.6	<10	<1	0.14	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
442001	0.22	631	28	0.04	9	130	<2	0.22	<2	6	9	<0.01	<10	<10	16	<10	9
442002	0.39	658	49	0.03	13	140	<2	0.69	<2	5	11	<0.01	<10	<10	20	<10	10
442003	0.39	597	27	0.02	22	100	2	0.96	<2	3	14	0.01	<10	<10	16	<10	8
442004	1.22	1040	80	0.03	21	250	<2	1.5	<2	8	19	<0.01	<10	<10	52	<10	15
442005	1.09	848	96	0.03	12	250	<2	1.5	<2	6	22	<0.01	<10	<10	23	<10	7
442006	0.77	614	231	0.04	12	230	<2	1.28	<2	5	14	<0.01	<10	<10	24	<10	11
442007	0.92	788	52	0.07	16	240	<2	0.98	<2	10	19	<0.01	<10	<10	29	<10	9
442008	1.47	1365	70	0.05	22	410	<2	1.29	<2	18	30	<0.01	<10	<10	43	<10	12
442009	2.26	1565	49	0.04	29	960	2	2.01	<2	15	36	0.01	<10	<10	118	<10	11
442011	2.14	1590	54	0.03	32	320	<2	3.69	<2	12	37	<0.01	<10	<10	63	<10	12
442012	1.81	1370	61	0.03	20	340	<2	1.37	<2	7	30	<0.01	<10	<10	61	<10	11
442013	1.48	1100	65	0.04	24	270	<2	3.44	<2	8	23	<0.01	<10	<10	39	<10	9
442014	0.76	560	223	0.03	14	150	<2	3.04	<2	3	12	<0.01	<10	<10	11	<10	8
442015	<0.01	<5	1	<0.01	<1	10	<2	<0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
442016	1.53	1250	165	0.04	24	180	<2	4.52	<2	5	26	<0.01	<10	<10	40	<10	11
442017	2.39	1490	50	0.05	33	460	2	1.94	<2	17	40	<0.01	<10	<10	73	<10	17
442018	2.32	1090	30	0.06	64	730	<2	1.68	<2	19	29	<0.01	<10	<10	86	<10	12
442019	2.97	1645	11	0.06	49	690	<2	1.31	<2	22	40	<0.01	<10	<10	75	<10	8
442020	2.55	1525	34	0.06	42	720	2	1.64	<2	20	36	<0.01	<10	<10	65	<10	8
442021	1.95	1080	20	0.06	53	810	<2	2.36	<2	17	25	<0.01	<10	<10	60	10	14
442022	3.34	1400	17	0.04	66	710	<2	1.08	<2	19	34	0.01	<10	<10	86	10	20
442023	3.59	1090	13	0.05	79	720	<2	1.67	<2	20	27	<0.01	<10	<10	107	<10	20
442024	2.45	1115	50	0.06	58	770	<2	1.37	<2	20	28	0.01	<10	<10	75	<10	12
442025	3.05	1415	10	0.05	63	710	<2	1.15	<2	20	34	0.01	<10	<10	81	<10	12
442026	2.63	1430	34	0.05	53	780	2	2.04	<2	17	38	0.01	<10	<10	77	<10	11
442027	2.76	1610	24	0.06	37	740	<2	1.09	<2	19	44	<0.01	<10	<10	75	10	10
442028	2.35	1265	46	0.03	39	770	<2	1.76	<2	17	93	<0.01	<10	<10	100	<10	18
442029	1.91	982	112	0.05	44	500	2	4.62	<2	21	77	0.01	<10	<10	89	<10	17
442030	0.06	245	403	0.02	2	120	50	1.05	51	<1	159	<0.01	<10	<10	6	<10	27
442031	1.78	1120	70	0.05	37	720	<2	1.7	<2	14	57	<0.01	<10	<10	49	<10	12
442032	1.74	1055	24	0.06	31	590	<2	2.17	<2	19	69	0.01	<10	<10	73	<10	16
442033	1.77	1015	45	0.06	47	550	<2	3.52	<2	19	63	0.01	<10	<10	84	<10	13
442034	2.4	1320	45	0.07	22	580	<2	0.75	<2	23	35	0.01	<10	<10	74	<10	5
442035	2.04	1095	19	0.07	38	580	6	1.72	<2	23	44	0.01	<10	<10	91	<10	14
442036	2.6	1260	23	0.08	42	530	9	0.78	<2	25	33	0.01	<10	<10	105	<10	14
442037	2.78	1480	26	0.07	36	420	2	0.86	<2	21	37	0.01	<10	<10	71	<10	7
442038	2.14	1120	57	0.08	46	530	3	1.83	<2	21	30	<0.01	<10	<10	65	<10	7
442039	2.18	1175	11	0.07	44	580	<2	1.44	<2	22	30	<0.01	<10	<10	50	<10	4
442040	2.67	1390	8	0.08	35	530	<2	0.85	<2	25	34	0.01	<10	<10	93	<10	4
442041	2.14	1110	26	0.07	56	570	<2	2.59	<2	23	31	0.01	<10	<10	84	<10	4
442042	2.41	1290	25	0.08	33	530	2	1.04	<2	26	36	0.01	<10	<10	99	<10	5
442043	2.19	1315	17	0.07	28	550	<2	1.06	<2	28	106	0.01	<10	<10	129	<10	16
442044	3.26	1710	12	0.04	39	360	3	1.63	<2	40	133	0.01	<10	<10	192	<10	27
442045	2.73	1410	16	0.07	26	570	<2	1.28	<2	27	39	<0.01	<10	<10	82	<10	5
442046	3.07	1600	13	0.05	29	460	<2	1.51	<2	33	76	0.01	<10	<10	122	<10	11
442047	2.93	1625	13	0.07	36	400	<2	2.98	<2	25	49	0.01	<10	<10	115	<10	2
442048	1.48	774	13	0.07	28	480	<2	2.38	<2	17	21	0.01	<10	<10	75	<10	5
442049	2.17	1140	12	0.08	23	500	<2	1.75	<2	22	31	0.01	<10	<10	82	<10	5
442050	1.94	1055	75	0.08	21	540	<2	0.98	<2	24	30	0.01	<10	<10	84	<10	3
442051	2.09	1160	57	0.07	19	520	<2	1.02	<2	22	31	0.01	<10	<10	74	<10	4

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
442052	<0.005	<0.2	1.06	<2	<10	10	<0.5	<2	3.96	<0.5	18	53	46	5.08	<10	1	0.17	<10
442053	0.009	<0.2	0.53	4	<10	10	<0.5	<2	5.06	<0.5	17	31	18	3.85	<10	<1	0.17	<10
442054	0.771	<0.2	0.63	2	<10	20	<0.5	<2	5.2	<0.5	22	29	39	3.98	<10	<1	0.19	<10
442055	3.79	<0.2	0.57	2	<10	20	<0.5	<2	5.3	<0.5	24	34	112	4.62	<10	<1	0.17	<10
442056	0.032	<0.2	0.53	<2	<10	20	<0.5	<2	4.13	<0.5	31	32	51	3.94	<10	<1	0.19	<10
442057	0.017	<0.2	0.4	<2	<10	10	<0.5	<2	6.44	<0.5	31	27	58	4.41	<10	<1	0.13	<10
442058	<0.005	<0.2	0.28	<2	<10	10	<0.5	<2	5.53	<0.5	24	31	248	3.75	<10	<1	0.1	<10
442059	0.006	1.2	0.35	<2	<10	10	<0.5	<2	5.45	<0.5	25	37	53	3.91	<10	<1	0.09	<10
442060	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10	<1	<0.01	<10
442061	<0.005	3.9	0.52	4	<10	10	<0.5	<2	5.36	<0.5	15	46	57	3.9	<10	<1	0.13	<10
442062	<0.005	1	1.33	<2	<10	10	<0.5	<2	3.91	<0.5	23	71	132	5.48	<10	<1	0.15	<10
442063	<0.005	0.6	0.64	2	<10	10	<0.5	<2	3.74	<0.5	15	41	97	3.01	<10	<1	0.17	<10
442064	0.009	0.2	1.34	4	10	20	<0.5	<2	4.15	<0.5	20	58	60	4.73	<10	<1	0.23	<10
442065	<0.005	<0.2	1.01	3	10	20	<0.5	<2	4.11	<0.5	15	36	16	2.9	<10	<1	0.28	<10

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
442052	2.36	1040	35	0.07	38	540	<2	0.93	<2	22	28	0.03	<10	<10	116	<10	6
442053	2.24	1325	40	0.07	21	520	<2	0.9	<2	21	33	0.01	<10	<10	81	<10	4
442054	2.38	1240	17	0.06	25	560	<2	1.23	<2	21	33	0.01	<10	<10	77	<10	4
442055	2.41	1245	7	0.06	30	530	<2	1.75	<2	21	34	0.01	<10	<10	87	<10	4
442056	1.82	961	4	0.08	26	620	<2	1.87	<2	24	26	0.01	<10	<10	74	<10	3
442057	2.78	1335	56	0.07	22	460	<2	1.54	<2	27	34	<0.01	<10	<10	82	<10	3
442058	2.28	1135	14	0.08	19	540	9	1.49	<2	24	30	<0.01	<10	<10	64	<10	12
442059	2.33	1095	14	0.08	21	510	2	1.57	<2	26	29	<0.01	<10	<10	71	<10	4
442060	<0.01	<5	<1	<0.01	<1	10	<2	0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
442061	2.36	1155	6	0.07	20	520	<2	0.83	<2	24	32	0.01	<10	<10	96	10	4
442062	2.51	969	25	0.06	38	580	<2	1.42	<2	23	28	0.01	<10	<10	118	<10	7
442063	1.68	746	4	0.06	23	600	<2	0.96	<2	21	25	<0.01	<10	<10	64	<10	4
442064	2.43	987	72	0.06	34	630	2	1.24	<2	21	28	0.01	<10	<10	82	<10	6
442065	1.73	927	3	0.05	24	680	<2	0.67	<2	17	30	<0.01	<10	<10	63	<10	5

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442151	<0.005	<0.2	2.53	4	<10	130	<0.5	2	2.02	<0.5	18	79	98	4.23	10	<1	0.6	<10	1.94
C442152	<0.005	<0.2	2.12	2	<10	80	<0.5	<2	1.47	<0.5	21	84	85	4.2	10	<1	0.35	<10	2.09
C442153	<0.005	<0.2	2.21	<2	<10	190	<0.5	<2	1.51	<0.5	18	71	64	4.09	10	<1	0.71	<10	2.01
C442154	<0.005	<0.2	2.55	<2	<10	130	<0.5	<2	2.96	<0.5	18	91	64	4.32	10	1	0.48	<10	2.13
C442155	0.006	<0.2	2.9	<2	<10	70	<0.5	2	2.66	<0.5	25	97	124	4.46	10	<1	0.46	<10	2.3
C442156	0.016	<0.2	2.78	3	<10	40	<0.5	<2	2.77	<0.5	20	130	99	5.11	10	<1	0.35	<10	3
C442157	0.013	<0.2	2.97	<2	<10	50	<0.5	<2	2.6	<0.5	18	122	107	5.36	10	<1	0.48	<10	2.94
C442158	0.013	<0.2	3.63	<2	<10	50	<0.5	<2	3.53	<0.5	21	145	190	5.79	10	<1	0.6	<10	3.86
C442159	0.005	<0.2	2.71	<2	<10	50	<0.5	<2	2.03	<0.5	19	85	77	3.99	<10	<1	0.43	<10	1.89
C442160	0.011	<0.2	2.56	3	<10	40	<0.5	<2	1.87	<0.5	25	97	168	4.27	10	<1	0.29	<10	2.16
C442161	0.017	<0.2	3.06	<2	<10	60	<0.5	<2	2.33	<0.5	24	89	110	4.47	10	<1	0.43	<10	2.29
C442162	<0.005	<0.2	2.83	2	10	50	<0.5	<2	2.03	<0.5	26	107	332	5.13	10	1	0.35	<10	2.47
C442163	0.01	<0.2	2.38	<2	<10	10	<0.5	<2	9.71	<0.5	18	131	79	5.29	10	<1	0.12	<10	3
C442164	3.12	2.7	2.11	608	30	140	<0.5	274	10.9	<0.5	29	56	315	6.14	10	6	0.18	10	0.31
C442165	0.074	<0.2	2.62	2	<10	30	<0.5	<2	5.63	<0.5	20	173	292	7.24	10	<1	0.34	<10	2.72
C442166	0.018	<0.2	2.59	<2	<10	30	<0.5	<2	4.98	<0.5	17	187	168	6.46	10	1	0.47	<10	2.9
C442167	0.029	<0.2	3.12	6	<10	30	<0.5	<2	4.56	<0.5	23	133	178	7.9	10	1	0.46	<10	3.58
C442168	0.052	<0.2	2.98	4	<10	20	<0.5	<2	5.64	<0.5	44	162	460	6.95	10	1	0.38	<10	3.3
C442169	0.007	<0.2	2.76	<2	<10	20	<0.5	<2	3.19	<0.5	23	143	175	5.03	10	1	0.23	<10	2.68
C442170	0.009	<0.2	2.95	3	<10	60	<0.5	<2	3.93	<0.5	30	167	264	6.29	10	<1	0.54	<10	3.31
C442171	0.056	0.2	2.97	3	<10	60	<0.5	<2	2.5	<0.5	34	148	619	6.6	10	<1	0.57	<10	3.45
C442172	0.011	<0.2	2.99	<2	<10	60	<0.5	<2	4.8	<0.5	22	181	267	6.64	10	1	0.46	<10	3.37
C442173	<0.005	<0.2	2.28	<2	<10	60	<0.5	<2	3.81	<0.5	13	149	141	4.85	10	1	0.44	<10	2.07
C442174	0.006	0.3	2.96	<2	<10	50	<0.5	<2	5.02	<0.5	22	279	226	5.5	10	<1	0.69	<10	3.25
C442175	0.012	<0.2	3.09	3	<10	40	<0.5	<2	6.31	<0.5	20	275	125	5.93	10	<1	0.62	<10	3.9
C442176	<0.005	<0.2	2.54	<2	<10	80	<0.5	<2	2.02	<0.5	24	143	87	5.3	10	<1	0.94	<10	2.61
C442177	0.009	<0.2	2.37	3	<10	30	<0.5	<2	3.74	<0.5	28	141	210	5.73	10	<1	0.36	<10	2.77
C442178	<0.005	<0.2	2.61	<2	<10	50	<0.5	<2	3.74	<0.5	27	154	115	5.13	10	1	0.43	<10	2.97
C442179	0.006	<0.2	2.73	<2	<10	100	<0.5	<2	3.1	<0.5	19	139	75	5.31	10	1	0.83	<10	2.99
C442180	0.005	<0.2	2.93	<2	<10	70	<0.5	<2	4.58	<0.5	25	154	127	5.51	10	1	0.66	<10	3.42
C442181	0.008	<0.2	2.31	<2	<10	30	<0.5	<2	5.03	<0.5	28	159	96	5.46	10	1	0.27	<10	2.71
C442182	<0.005	<0.2	2.74	2	<10	60	<0.5	<2	4.29	<0.5	27	150	101	5.33	10	1	0.51	<10	3.12
C442183	0.006	<0.2	2.43	3	<10	100	<0.5	<2	3.83	<0.5	39	153	224	5.26	10	1	0.66	<10	2.66
C442184	0.011	<0.2	2.16	5	<10	30	<0.5	<2	3.3	<0.5	51	161	412	5.98	10	1	0.25	<10	2.46
C442185	0.007	<0.2	2.1	<2	<10	30	<0.5	<2	4.21	<0.5	30	142	198	4.74	10	<1	0.26	<10	2.49
C442186	<0.005	<0.2	2.26	<2	<10	40	<0.5	<2	3.66	<0.5	14	95	70	3.61	10	1	0.43	<10	2.49
C442187	<0.005	<0.2	1.99	<2	<10	20	<0.5	<2	2.99	<0.5	11	71	23	2.79	10	<1	0.26	<10	1.98
C442188	<0.005	<0.2	2.13	<2	<10	10	<0.5	<2	7.21	<0.5	23	87	14	3.19	10	<1	0.24	<10	2.26
C442189	0.007	<0.2	2.35	<2	<10	50	<0.5	<2	4.18	<0.5	25	115	125	4.62	10	1	0.61	<10	2.47
C442190	0.005	<0.2	2.34	2	<10	40	<0.5	<2	4.1	<0.5	27	137	158	5.22	10	<1	0.56	<10	2.35
C442191	<0.005	<0.2	3.05	<2	<10	80	<0.5	<2	3.56	<0.5	25	140	225	5.39	10	<1	0.99	<10	3.26
C442192	0.012	0.2	2.62	<2	<10	70	<0.5	<2	2.16	<0.5	34	115	652	6.56	10	<1	0.86	<10	2.75
C442193	0.008	0.2	3.03	3	<10	60	<0.5	<2	2.58	<0.5	30	168	352	5.72	10	1	0.83	<10	3.3
C442194	0.016	<0.2	2.23	<2	<10	20	<0.5	<2	4.73	<0.5	63	146	189	4.66	10	1	0.47	<10	2.28
C442195	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.02	<0.5	1	1	2	0.04	<10	<1	<0.01	<10	0.01
C442196	0.008	<0.2	4.29	2	<10	100	<0.5	<2	2.38	<0.5	35	188	369	6.69	10	1	1.54	<10	4.48
C442197	0.005	<0.2	4.25	2	<10	70	0.5	<2	3.25	<0.5	22	203	249	6.12	20	1	1.42	<10	3.58
C442198	<0.005	<0.2	1.12	3	<10	10	<0.5	<2	2.22	<0.5	9	30	48	1.48	<10	<1	0.25	<10	0.83
C442199	0.005	<0.2	1.21	2	<10	20	<0.5	<2	2.04	<0.5	6	4	11	1.74	<10	<1	0.26	<10	0.84
C442200	<0.005	<0.2	0.81	<2	<10	10	<0.5	<2	1.27	<0.5	5	11	13	1.02	<10	<1	0.19	<10	0.57
C442212	<0.005	<0.2	1.7	<2	<10	40	<0.5	<2	1.75	<0.5	14	92	114	4.68	10	<1	0.28	<10	2.04
C442213	<0.005	<0.2	2.76	3	<10	30	<0.5	<2	6.71	<0.5	19	176	50	4.45	10	1	0.28	<10	3.12
C442214	<0.005	<0.2	2.99	<2	<10	80	<0.5	<2	3.49	<0.5	27	202	97	5.77	10	<1	0.48	<10	3.44
C442215	0.006	<0.2	2.48	5	<10	40	<0.5	<2	4.15	<0.5	27	100	194	6.17	10	1	0.41	<10	2.72

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442216	<0.005	<0.2	2.27	2	<10	30	<0.5	<2	3.28	<0.5	24	108	150	6	10	<1	0.24	<10	2.65
C442217	0.01	<0.2	1.66	<2	<10	30	<0.5	<2	2.37	<0.5	21	84	130	5.46	10	<1	0.21	<10	1.66
C442218	0.005	<0.2	2.27	3	<10	100	<0.5	<2	1.85	<0.5	22	86	69	5.34	10	2	0.48	<10	2.47
C442219	0.072	<0.2	2.63	<2	<10	50	<0.5	<2	1.77	<0.5	28	105	467	5.71	10	<1	0.31	<10	2.88
C442220	0.012	<0.2	2.33	<2	<10	70	<0.5	<2	2.3	<0.5	26	85	181	5.93	10	1	0.32	<10	2.72
C442221	0.007	<0.2	2.63	3	<10	40	<0.5	<2	1.64	<0.5	27	82	230	5.19	10	<1	0.32	<10	2.88
C442222	0.034	<0.2	2.6	<2	<10	40	<0.5	<2	1.21	<0.5	39	87	578	5.62	10	<1	0.24	<10	2.86
C442223	0.087	<0.2	1.67	<2	<10	20	<0.5	<2	1.75	<0.5	53	76	1055	6.31	10	<1	0.16	<10	1.79
C442224	0.033	<0.2	3.01	2	<10	60	<0.5	<2	3.21	<0.5	29	92	338	5.87	10	<1	0.54	<10	3.04
C442225	0.005	<0.2	2.68	3	<10	30	<0.5	<2	6.14	<0.5	18	107	58	4.97	10	<1	0.67	<10	2.83
C442226	0.009	<0.2	2.11	2	<10	30	<0.5	<2	3.41	<0.5	28	108	307	4.92	10	<1	0.32	<10	2.16
C442227	0.005	<0.2	2.19	3	<10	30	<0.5	<2	3.26	<0.5	24	114	269	4.75	10	<1	0.38	<10	2.22
C442228	0.032	<0.2	2.49	2	<10	30	<0.5	<2	3.38	<0.5	23	139	210	5.34	10	<1	0.27	<10	2.58
C442229	0.011	<0.2	2.63	3	<10	40	<0.5	<2	3.61	<0.5	24	126	156	5.28	10	1	0.28	<10	2.57
C442230	<0.005	<0.2	3.12	<2	<10	60	<0.5	<2	4.18	<0.5	27	143	160	5.92	10	<1	0.47	<10	3.24
C442231	0.008	<0.2	2.94	<2	<10	70	<0.5	<2	3.05	<0.5	29	116	186	5.83	10	<1	0.44	<10	2.8
C442232	0.071	<0.2	2.83	2	<10	70	<0.5	<2	3.18	<0.5	31	120	495	5.33	10	1	0.5	<10	2.61
C442233	0.077	<0.2	2.69	4	<10	50	<0.5	<2	2.79	<0.5	32	121	577	5.83	10	1	0.47	<10	2.68
C442234	0.031	<0.2	2.95	2	<10	40	<0.5	<2	3.8	<0.5	38	171	705	5.92	10	<1	0.32	<10	3.12
C442235	0.005	<0.2	2.69	4	<10	40	<0.5	<2	2.95	<0.5	22	125	121	4.98	10	<1	0.28	<10	2.69
C442236	0.011	<0.2	2.48	<2	<10	50	<0.5	<2	2.41	<0.5	26	102	296	4.77	10	<1	0.3	<10	2.35
C442237	0.016	<0.2	3.17	<2	<10	20	<0.5	<2	2.95	<0.5	30	143	436	6.33	10	<1	0.21	<10	3.38
C442238	0.01	<0.2	2.76	4	<10	40	<0.5	<2	2.45	<0.5	26	120	247	4.93	10	<1	0.25	<10	2.85
C442239	0.018	<0.2	2.67	<2	<10	30	<0.5	2	2.3	<0.5	24	110	192	4.98	10	<1	0.2	<10	2.77
C442240	<0.005	<0.2	0.01	3	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.02	<10	<1	<0.01	<10	<0.01
C442241	0.024	<0.2	2.57	2	<10	30	<0.5	<2	2.06	<0.5	19	127	257	4.95	10	<1	0.23	<10	2.51
C442242	0.023	<0.2	2.66	2	<10	20	<0.5	<2	2.9	<0.5	24	117	360	4.99	10	<1	0.19	<10	2.67
C442243	0.066	0.4	3.49	33	<10	20	<0.5	<2	6.35	<0.5	47	146	1995	6.84	10	2	0.24	<10	3.46
C442244	0.021	<0.2	4.28	8	<10	10	<0.5	<2	4.37	<0.5	32	173	138	8.06	10	1	0.1	<10	4.12
C442245	0.059	<0.2	3.11	16	<10	30	<0.5	<2	3.13	<0.5	24	108	207	5.58	10	1	0.37	<10	3
C442246	0.025	0.2	2.52	4	10	30	<0.5	<2	1.77	<0.5	25	89	233	4.74	10	2	0.27	<10	2.19
C442247	0.057	<0.2	2.8	4	<10	30	<0.5	2	4.75	<0.5	26	112	365	5.72	10	2	0.34	<10	2.8
C442248	0.333	<0.2	2.97	<2	<10	60	<0.5	2	2.82	<0.5	28	184	342	5.75	10	1	0.62	<10	2.84
C442249	0.009	<0.2	2.62	3	<10	20	<0.5	<2	9.38	<0.5	18	114	65	5.15	10	1	0.26	<10	3.61
C442250	0.023	<0.2	3.81	9	<10	70	<0.5	3	5.08	<0.5	29	173	175	6.56	10	<1	0.64	<10	3.85
C442251	0.043	0.4	1.24	2	<10	20	<0.5	<2	2.08	<0.5	35	7	1080	4.4	<10	1	0.3	<10	0.81
C442252	0.008	<0.2	1.06	<2	<10	10	<0.5	3	1.87	<0.5	9	4	32	1.88	10	<1	0.24	<10	0.76
C442253	0.005	<0.2	0.82	<2	<10	10	<0.5	<2	1.55	<0.5	8	6	19	1.26	<10	1	0.16	<10	0.58
C442254	0.005	<0.2	0.96	<2	<10	20	<0.5	2	1.26	<0.5	7	5	8	1.28	<10	<1	0.26	<10	0.55
C442255	2.96	2.1	1.82	501	20	120	<0.5	220	9.39	<0.5	25	48	269	5.2	10	6	0.15	10	0.26
C442256	<0.005	<0.2	0.91	<2	<10	20	<0.5	2	1.24	<0.5	4	7	6	1.23	<10	1	0.24	<10	0.54
C442257	0.01	<0.2	0.78	<2	<10	10	<0.5	<2	1.13	<0.5	8	7	6	1.18	<10	1	0.2	10	0.45
C442258	0.032	<0.2	0.71	3	<10	10	<0.5	2	0.81	<0.5	2	7	5	1.06	<10	1	0.15	10	0.39
C442259	0.017	<0.2	0.77	<2	<10	20	<0.5	2	0.79	<0.5	1	10	5	1.18	<10	<1	0.19	10	0.41
C442260	0.04	0.2	0.84	2	<10	20	<0.5	2	1.55	<0.5	6	12	10	2.15	<10	1	0.19	<10	0.51
C442261	0.108	<0.2	1.31	6	<10	40	<0.5	2	1.4	<0.5	11	10	46	2.18	<10	1	0.37	<10	0.73
C442262	2.31	0.4	1.05	14	<10	30	<0.5	5	1.46	<0.5	20	8	118	10.7	<10	1	0.3	<10	0.67

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442151	559	10	0.17	39	550	<2	0.08	<2	8	50	0.25	<10	<10	167	<10	29
C442152	555	8	0.09	40	560	<2	0.12	<2	6	32	0.25	<10	<10	166	<10	32
C442153	535	12	0.11	38	510	<2	0.06	<2	7	38	0.27	<10	<10	156	<10	27
C442154	624	13	0.14	39	520	<2	0.06	<2	10	48	0.23	<10	<10	172	<10	26
C442155	621	18	0.18	46	580	2	0.15	<2	8	52	0.27	<10	<10	182	<10	31
C442156	717	22	0.07	44	530	<2	0.17	<2	14	26	0.25	<10	<10	199	<10	35
C442157	708	27	0.12	49	560	<2	0.21	<2	12	34	0.29	<10	<10	208	<10	35
C442158	919	17	0.1	54	590	<2	0.17	<2	19	35	0.25	<10	<10	231	<10	43
C442159	517	10	0.21	38	560	<2	0.12	<2	7	57	0.27	<10	<10	160	<10	33
C442160	599	6	0.12	46	590	<2	0.32	<2	6	221	0.25	<10	<10	150	<10	41
C442161	692	5	0.23	49	610	<2	0.38	<2	8	75	0.3	<10	<10	158	<10	40
C442162	716	3	0.17	60	630	3	0.67	<2	9	45	0.31	<10	<10	171	<10	46
C442163	1335	441	0.05	35	470	<2	0.4	2	17	36	0.2	<10	<10	192	<10	28
C442164	1065	80	0.05	63	880	47	1.25	10	5	92	0.19	<10	<10	37	60	86
C442165	1470	31	0.06	45	620	<2	1.18	<2	22	38	0.22	<10	<10	218	<10	28
C442166	1195	14	0.08	51	620	<2	0.91	<2	22	48	0.19	<10	<10	240	<10	28
C442167	1575	20	0.08	41	760	2	2.06	<2	20	55	0.23	<10	<10	235	<10	43
C442168	1515	3	0.06	60	610	2	2.44	<2	21	34	0.23	<10	<10	218	<10	37
C442169	938	3	0.14	51	620	2	0.57	<2	11	50	0.31	<10	<10	186	<10	32
C442170	1080	11	0.09	54	660	<2	0.89	<2	17	33	0.32	<10	<10	235	<10	35
C442171	1045	20	0.09	54	580	<2	1.66	<2	17	26	0.28	<10	10	219	<10	54
C442172	1305	12	0.07	58	610	<2	1.27	2	25	36	0.25	<10	<10	226	<10	59
C442173	897	4	0.11	38	540	2	0.69	<2	17	36	0.24	<10	<10	169	<10	28
C442174	1220	34	0.1	66	620	<2	0.8	2	19	42	0.27	<10	<10	202	<10	36
C442175	1505	15	0.08	68	600	<2	0.93	<2	18	91	0.28	<10	<10	212	<10	45
C442176	804	26	0.12	54	600	<2	0.35	<2	9	30	0.37	<10	<10	187	<10	28
C442177	997	35	0.08	56	720	<2	0.77	<2	13	32	0.29	<10	<10	198	<10	23
C442178	1025	67	0.08	53	620	<2	0.6	<2	15	31	0.31	<10	<10	207	<10	31
C442179	941	21	0.11	51	720	<2	0.31	<2	13	34	0.32	<10	<10	209	<10	28
C442180	1110	64	0.08	57	820	<2	0.83	2	22	39	0.31	<10	<10	226	<10	29
C442181	1050	25	0.07	49	780	<2	0.94	<2	20	37	0.26	<10	<10	216	<10	28
C442182	1100	149	0.09	53	640	<2	0.58	<2	15	36	0.32	<10	<10	209	<10	32
C442183	938	6	0.13	55	710	<2	1.16	<2	14	44	0.31	<10	<10	201	<10	27
C442184	876	11	0.1	71	730	<2	1.74	2	14	32	0.28	<10	<10	209	<10	25
C442185	952	9	0.09	44	730	<2	0.69	2	14	39	0.21	<10	<10	219	<10	24
C442186	847	9	0.07	35	460	<2	0.26	<2	16	41	0.12	<10	<10	143	<10	21
C442187	789	4	0.06	31	340	<2	0.26	2	13	33	0.06	<10	<10	79	<10	21
C442188	1210	23	0.05	23	480	<2	0.39	<2	15	55	0.08	<10	<10	120	<10	27
C442189	1030	26	0.09	43	630	<2	0.91	<2	19	36	0.21	<10	<10	180	<10	24
C442190	930	67	0.09	45	670	<2	0.87	<2	19	36	0.24	<10	<10	221	<10	21
C442191	969	70	0.13	54	570	<2	0.81	<2	19	37	0.3	<10	<10	221	<10	31
C442192	837	183	0.12	58	530	3	2.38	<2	11	28	0.3	<10	<10	169	<10	41
C442193	825	73	0.12	56	780	<2	1	<2	18	33	0.32	<10	<10	225	<10	39
C442194	872	410	0.11	49	670	5	1.49	<2	21	29	0.22	<10	<10	193	<10	24
C442195	<5	2	<0.01	1	10	<2	0.02	<2	<1	1	<0.01	<10	<10	1	<10	4
C442196	1045	45	0.12	59	770	<2	0.96	<2	32	40	0.42	<10	<10	276	<10	42
C442197	1310	333	0.13	62	810	2	0.78	<2	34	42	0.43	<10	<10	276	<10	43
C442198	433	60	0.06	11	170	11	0.31	2	7	15	0.07	<10	<10	39	<10	18
C442199	537	43	0.04	5	320	2	0.44	<2	3	13	0.07	<10	<10	33	<10	14
C442200	299	93	0.05	3	80	2	0.2	<2	3	9	0.03	<10	<10	14	<10	7
C442212	767	5	0.09	30	460	<2	0.13	2	16	28	0.11	<10	<10	154	<10	29
C442213	1380	61	0.04	59	690	3	0.26	2	22	85	0.04	<10	10	198	<10	24
C442214	919	24	0.04	72	690	<2	0.25	<2	26	48	0.09	<10	<10	231	<10	26
C442215	1010	23	0.09	35	480	<2	0.41	<2	20	44	0.12	<10	<10	214	<10	29

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442216	866	56	0.08	36	580	3	0.18	5	18	21	0.28	<10	<10	219	<10	63
C442217	659	16	0.09	30	460	<2	0.14	<2	8	20	0.27	<10	<10	197	<10	46
C442218	684	10	0.1	32	550	<2	0.08	<2	9	17	0.36	<10	<10	215	<10	46
C442219	612	62	0.07	39	580	<2	0.56	<2	13	20	0.39	<10	<10	249	<10	40
C442220	731	10	0.07	36	530	<2	0.29	<2	10	19	0.34	<10	<10	238	<10	43
C442221	695	11	0.09	41	600	<2	0.31	4	10	25	0.37	<10	<10	207	<10	42
C442222	582	10	0.06	38	580	2	1.11	2	8	14	0.38	<10	<10	205	<10	38
C442223	478	27	0.1	46	520	<2	2.15	<2	8	17	0.25	<10	<10	194	<10	20
C442224	911	19	0.1	41	560	<2	0.39	3	15	33	0.34	<10	<10	219	<10	26
C442225	1405	16	0.05	40	550	<2	0.26	<2	28	36	0.31	<10	<10	223	<10	18
C442226	785	14	0.07	38	560	2	0.7	2	21	22	0.29	<10	<10	213	<10	14
C442227	804	14	0.07	35	590	<2	0.56	2	22	21	0.31	<10	<10	224	<10	14
C442228	1030	52	0.08	49	630	<2	0.19	<2	12	31	0.28	<10	<10	199	<10	29
C442229	1110	19	0.1	51	610	<2	0.26	<2	16	43	0.2	<10	10	205	<10	46
C442230	1040	45	0.09	53	640	<2	0.23	2	19	41	0.26	<10	<10	244	<10	52
C442231	838	8	0.11	50	710	<2	0.27	<2	14	50	0.34	<10	<10	252	<10	51
C442232	793	39	0.14	53	610	2	0.62	<2	14	49	0.29	<10	<10	216	<10	38
C442233	734	5	0.09	62	620	3	1.25	<2	12	37	0.33	<10	<10	211	<10	40
C442234	931	20	0.05	65	650	2	1.48	<2	24	42	0.2	<10	10	247	<10	34
C442235	831	16	0.1	46	600	<2	0.14	3	13	42	0.29	<10	<10	202	<10	38
C442236	723	6	0.11	49	580	2	0.56	3	8	40	0.29	<10	<10	172	<10	39
C442237	955	9	0.07	50	630	<2	0.96	2	14	47	0.37	<10	<10	219	<10	48
C442238	847	7	0.08	48	610	2	0.38	<2	10	35	0.35	10	<10	193	<10	44
C442239	777	20	0.09	48	600	<2	0.35	<2	9	37	0.35	<10	<10	188	<10	44
C442240	<5	<1	<0.01	<1	10	<2	0.01	<2	<1	1	<0.01	<10	<10	<1	<10	3
C442241	697	5	0.08	49	640	<2	0.37	<2	10	32	0.34	<10	<10	199	10	45
C442242	728	86	0.1	46	620	<2	0.64	2	11	30	0.33	<10	<10	209	<10	42
C442243	1565	37	0.03	56	600	<2	2.54	2	22	58	0.19	<10	<10	217	<10	43
C442244	1515	29	0.03	58	700	<2	0.95	<2	28	44	0.1	<10	10	267	<10	52
C442245	890	42	0.12	49	600	4	0.64	<2	13	42	0.28	<10	<10	196	<10	37
C442246	628	12	0.17	49	580	<2	0.44	<2	8	64	0.32	<10	<10	165	<10	35
C442247	863	474	0.11	50	520	3	0.85	<2	14	46	0.27	<10	<10	194	<10	30
C442248	726	74	0.1	50	590	3	0.85	<2	23	36	0.32	<10	<10	251	<10	28
C442249	2160	10	0.05	34	390	<2	0.27	<2	22	98	0.11	<10	<10	178	<10	24
C442250	1175	19	0.11	57	590	2	0.56	<2	30	64	0.2	<10	<10	253	<10	38
C442251	519	61	0.09	23	80	2	4	<2	3	18	0.03	<10	<10	24	<10	9
C442252	420	107	0.09	7	100	2	1.02	<2	4	13	0.03	<10	<10	20	<10	8
C442253	296	54	0.09	6	100	<2	0.48	<2	4	11	0.03	<10	<10	11	<10	7
C442254	285	60	0.09	5	100	3	0.49	<2	3	14	0.03	<10	<10	11	<10	7
C442255	884	70	0.04	54	720	38	1.06	7	4	82	0.16	<10	<10	30	60	70
C442256	290	69	0.09	4	110	<2	0.38	<2	3	10	0.03	<10	<10	11	<10	8
C442257	237	32	0.09	4	100	2	0.45	<2	3	9	0.03	<10	<10	10	<10	6
C442258	199	12	0.11	4	100	<2	0.31	<2	4	8	0.03	<10	<10	9	<10	6
C442259	208	103	0.09	4	90	<2	0.34	<2	3	8	0.03	<10	<10	9	<10	6
C442260	282	44	0.1	4	90	<2	1.53	<2	3	10	0.02	<10	<10	11	<10	8
C442261	327	15	0.08	8	320	3	1.26	<2	4	15	0.05	<10	<10	33	<10	12
C442262	405	238	0.02	7	400	5	>10.0	<2	3	14	0.03	<10	<10	26	<10	14

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442066	<0.005	0.3	3.14	9	<10	20	<0.5	<2	2.17	<0.5	25	63	134	5.06	10	<1	0.09	<10	3.07
C442067	<0.005	0.2	3.47	8	<10	10	<0.5	<2	2.46	<0.5	22	69	74	5.36	10	<1	0.08	<10	3.49
C442068	0.009	0.3	3.48	<2	<10	30	<0.5	<2	1.97	<0.5	19	111	188	5.07	10	<1	0.37	<10	3.55
C442069	0.021	0.2	2.2	<2	<10	20	<0.5	<2	3.44	<0.5	19	79	644	4.49	10	<1	0.27	<10	2.23
C442070	0.014	0.3	2.45	<2	<10	20	<0.5	<2	5.62	<0.5	20	100	965	5.48	10	<1	0.26	<10	2.82
C442071	0.012	<0.2	5.04	<2	<10	50	<0.5	<2	3.38	<0.5	20	196	441	6.16	10	<1	1.25	<10	5.23
C442072	0.005	0.4	3.87	<2	10	50	<0.5	<2	2.25	<0.5	20	162	305	4.65	10	<1	0.76	<10	3.55
C442073	<0.005	<0.2	4.31	<2	<10	90	<0.5	<2	1.53	<0.5	21	153	221	4.83	10	<1	1.46	<10	3.8
C442074	0.02	0.2	4.65	2	<10	90	<0.5	<2	2.49	<0.5	21	173	250	5.24	10	<1	1.51	<10	4.42
C442075	2.87	2.7	1.99	570	30	130	<0.5	252	9.97	<0.5	30	52	299	5.86	10	5	0.17	10	0.29
C442076	<0.005	0.2	4.65	<2	<10	80	<0.5	<2	2.46	<0.5	16	190	164	5.56	10	<1	1.44	<10	4.8
C442077	<0.005	0.2	5.3	<2	<10	100	<0.5	<2	2.06	<0.5	25	216	244	6.26	10	<1	1.58	<10	4.86
C442078	<0.005	0.2	5.67	<2	<10	120	<0.5	<2	1.58	<0.5	24	202	90	5.74	10	<1	1.76	<10	5.04
C442079	<0.005	0.2	5.41	<2	<10	140	<0.5	<2	2.41	<0.5	22	209	112	6.54	10	<1	1.54	<10	5.7
C442080	<0.005	<0.2	5.21	5	<10	150	<0.5	<2	3.34	<0.5	28	194	246	6.19	10	<1	1.67	<10	5.35
C442081	0.014	0.3	1.75	<2	<10	20	<0.5	<2	3.08	<0.5	18	50	664	3.86	10	<1	0.18	<10	2.19
C442082	0.033	0.2	1.38	2	<10	20	<0.5	<2	2.56	<0.5	12	37	645	3.11	10	<1	0.2	<10	1.87
C442083	0.01	0.2	1	6	<10	10	<0.5	<2	3.22	<0.5	16	32	332	3.07	<10	<1	0.09	<10	1.37
C442084	0.051	0.2	0.91	3	<10	10	<0.5	<2	3.19	<0.5	16	32	529	3.07	<10	<1	0.09	<10	1.3
C442085	0.007	<0.2	1.3	<2	<10	10	<0.5	<2	2.77	<0.5	13	33	330	3.06	10	<1	0.1	<10	1.79
C442086	0.014	0.2	1.26	<2	<10	10	<0.5	<2	2.83	<0.5	11	35	362	3.2	10	<1	0.09	<10	1.53
C442087	0.017	0.2	1.05	3	<10	<10	<0.5	<2	2.8	<0.5	11	26	444	3.11	10	<1	0.07	<10	1.41
C442088	0.02	0.2	0.77	<2	<10	<10	<0.5	<2	2.91	<0.5	27	21	526	4.27	10	<1	0.05	<10	1.16
C442089	0.046	0.3	0.48	<2	<10	10	<0.5	<2	3.67	<0.5	25	14	872	3.92	<10	<1	0.05	<10	0.67
C442090	0.026	0.3	1.02	<2	<10	10	<0.5	<2	2.77	<0.5	18	25	713	3.96	10	<1	0.07	<10	1.48
C442091	0.02	0.4	0.86	<2	<10	10	<0.5	<2	3.41	<0.5	19	22	745	4.12	10	<1	0.06	<10	1.29
C442092	0.034	0.6	0.77	3	<10	10	<0.5	2	3.07	<0.5	25	23	952	4.32	<10	<1	0.08	<10	1.5
C442093	0.017	2.8	0.99	4	<10	10	<0.5	<2	3.13	<0.5	16	21	662	3.94	<10	<1	0.16	<10	1.87
C442094	<0.005	0.2	3.43	<2	10	50	<0.5	<2	3.4	<0.5	23	98	141	5.62	10	<1	0.41	<10	4.36
C442095	<0.005	0.3	4.02	<2	<10	80	<0.5	<2	2.93	<0.5	25	130	120	5.82	10	<1	0.93	<10	4.12
C442096	<0.005	<0.2	3.98	<2	<10	50	<0.5	<2	3.56	<0.5	23	128	102	5.49	10	<1	0.72	<10	4.16
C442097	<0.005	<0.2	4.18	<2	<10	60	<0.5	<2	2.71	<0.5	26	140	84	5.82	10	<1	0.79	<10	4.41
C442098	0.007	0.2	2.96	6	<10	50	<0.5	<2	3.28	<0.5	22	87	428	5.65	10	<1	0.4	<10	3.31
C442099	0.009	<0.2	2.74	<2	<10	40	<0.5	<2	3.08	<0.5	17	78	318	4.88	10	<1	0.42	<10	3.21
C442100	0.007	0.4	2.71	<2	<10	30	<0.5	<2	3.22	<0.5	17	58	373	4.69	10	<1	0.19	<10	3.1
C442101	0.006	0.2	2.36	4	<10	20	<0.5	<2	4.32	<0.5	19	73	243	4.76	10	<1	0.2	<10	3.25
C442102	<0.005	0.2	3.16	<2	10	10	<0.5	<2	4.64	<0.5	27	102	219	5.92	10	<1	0.21	<10	4.27
C442103	<0.005	0.2	2.23	<2	20	30	<0.5	<2	4.74	<0.5	36	67	130	4.53	10	<1	0.47	<10	3.12
C442104	<0.005	<0.2	2.23	<2	10	20	<0.5	<2	5.21	<0.5	21	63	193	5.22	10	<1	0.33	<10	3.87
C442105	<0.005	0.2	1.25	<2	10	20	<0.5	<2	4.91	<0.5	21	44	129	4.68	<10	<1	0.3	<10	3.34
C442106	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.02	<0.5	<1	2	1	0.02	<10	<1	<0.01	<10	0.01
C442107	0.01	<0.2	2.29	<2	10	20	<0.5	<2	4.3	<0.5	22	71	153	4.91	10	<1	0.33	<10	3.16
C442108	0.008	<0.2	1.47	<2	<10	10	<0.5	<2	3.16	<0.5	13	24	181	3.68	10	<1	0.17	<10	1.92
C442109	0.008	0.2	0.89	3	<10	10	<0.5	<2	2.54	<0.5	13	23	90	2.8	<10	<1	0.07	<10	1.31
C442110	0.015	<0.2	1.73	<2	10	10	<0.5	<2	3.38	<0.5	18	77	404	4.32	10	<1	0.22	<10	2.19
C442111	0.009	<0.2	0.87	5	<10	10	<0.5	<2	4.49	<0.5	17	46	377	4.59	<10	<1	0.07	<10	1.97
C442112	0.042	0.2	1.12	4	<10	10	<0.5	<2	4.31	<0.5	18	70	514	4.45	10	<1	0.09	<10	1.93
C442113	0.019	<0.2	1.87	<2	<10	10	<0.5	<2	4.56	<0.5	20	76	492	5.34	10	<1	0.04	<10	2.35
C442114	0.018	<0.2	1.26	<2	<10	10	<0.5	<2	3.19	<0.5	14	17	414	4.89	10	<1	0.1	<10	1.86
C442115	0.03	0.2	0.95	<2	<10	<10	<0.5	<2	2.2	<0.5	16	22	703	6.15	<10	<1	0.05	<10	1.1
C442116	0.033	0.2	1.26	<2	<10	10	<0.5	<2	3.28	<0.5	19	32	560	5.05	<10	<1	0.08	<10	1.37
C442117	0.083	0.2	1.01	<2	<10	10	<0.5	<2	3.19	<0.5	19	26	779	7.02	<10	1	0.08	<10	1.6
C442118	0.034	0.2	2.19	2	<10	20	<0.5	<2	4.7	<0.5	13	93	408	5.05	10	<1	0.15	<10	2.65
C442119	0.038	0.2	2.49	3	<10	30	<0.5	<2	4.76	<0.5	20	101	454	5.03	10	<1	0.16	<10	3.04

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442066	839	1	0.05	31	1130	7	0.14	3	9	52	0.34	10	<10	151	<10	104
C442067	917	1	0.04	37	1100	4	0.08	<2	9	36	0.26	10	<10	150	<10	87
C442068	708	1	0.05	34	890	2	0.33	3	17	26	0.24	10	<10	173	<10	56
C442069	579	8	0.08	29	480	5	1.54	<2	15	43	0.11	<10	<10	120	<10	27
C442070	895	13	0.08	34	510	5	2.03	3	21	94	0.03	<10	<10	160	<10	29
C442071	720	9	0.1	42	650	4	0.46	<2	27	30	0.22	10	<10	247	<10	53
C442072	538	11	0.18	40	570	8	0.61	<2	12	35	0.24	10	<10	172	<10	48
C442073	515	5	0.17	37	480	7	0.63	2	15	33	0.3	<10	<10	187	<10	35
C442074	775	6	0.12	36	640	5	0.65	2	24	38	0.28	<10	<10	211	<10	60
C442075	992	73	0.04	59	830	45	1.17	9	4	87	0.17	<10	<10	33	50	87
C442076	740	9	0.1	41	570	5	0.5	<2	27	39	0.2	10	<10	228	<10	59
C442077	910	5	0.15	50	600	5	0.7	<2	20	34	0.31	10	<10	234	<10	47
C442078	855	10	0.2	38	630	2	0.28	2	24	39	0.35	<10	<10	246	<10	43
C442079	782	10	0.09	42	670	4	0.46	<2	35	22	0.27	10	<10	286	<10	41
C442080	757	17	0.11	35	630	5	0.81	<2	30	40	0.21	<10	<10	263	<10	40
C442081	451	44	0.09	26	360	8	1.74	<2	12	39	0.06	<10	<10	84	<10	24
C442082	406	11	0.09	22	290	8	1.13	<2	11	29	0.07	<10	<10	69	<10	23
C442083	661	19	0.11	20	270	12	1.32	<2	11	26	0.03	<10	<10	57	<10	24
C442084	664	16	0.09	18	280	7	1.35	2	10	23	0.02	<10	<10	48	<10	22
C442085	494	72	0.07	18	280	7	1.14	<2	11	28	0.03	<10	<10	56	<10	24
C442086	441	6	0.09	18	330	7	1.22	<2	12	27	0.03	<10	<10	62	<10	24
C442087	428	11	0.08	15	290	10	1.6	2	9	24	0.03	<10	<10	48	<10	21
C442088	543	27	0.08	14	370	9	3.12	<2	8	16	<0.01	<10	<10	47	<10	19
C442089	584	23	0.07	15	300	9	2.64	<2	7	16	<0.01	<10	<10	33	<10	16
C442090	515	13	0.08	15	410	5	2.22	<2	9	20	0.03	<10	<10	52	<10	18
C442091	580	14	0.08	15	390	6	2.43	3	9	20	0.01	<10	<10	45	<10	19
C442092	559	16	0.08	17	560	7	2.94	2	8	22	0.01	<10	<10	47	<10	12
C442093	653	17	0.07	22	280	5	2.15	<2	9	21	0.01	<10	<10	44	10	14
C442094	832	1	0.05	32	590	10	0.55	2	17	37	0.03	<10	<10	136	<10	51
C442095	692	2	0.09	36	540	3	0.68	<2	20	48	0.12	<10	<10	184	<10	50
C442096	767	1	0.09	35	550	<2	0.53	<2	18	56	0.09	<10	<10	179	<10	44
C442097	679	1	0.08	36	560	5	0.47	<2	20	45	0.1	<10	<10	191	<10	41
C442098	647	4	0.08	30	610	3	2.03	<2	17	53	0.05	<10	<10	125	<10	29
C442099	595	19	0.09	27	680	4	1.52	<2	18	47	0.06	<10	<10	148	<10	28
C442100	580	31	0.07	22	640	3	1.7	<2	16	44	0.03	<10	<10	115	<10	30
C442101	782	8	0.07	28	610	4	1.29	<2	16	46	0.02	<10	<10	128	<10	24
C442102	952	6	0.06	38	580	3	1.28	2	20	47	0.01	<10	<10	167	<10	28
C442103	943	10	0.06	32	590	5	0.88	<2	18	51	0.01	<10	<10	94	<10	18
C442104	1575	6	0.05	30	570	6	0.49	<2	16	54	0.01	<10	<10	97	<10	23
C442105	1575	3	0.06	25	530	4	0.59	<2	16	57	0.01	<10	<10	72	<10	11
C442106	<5	<1	<0.01	2	10	3	<0.01	<2	<1	<1	<0.01	<10	<10	<1	<10	4
C442107	960	44	0.05	25	620	6	0.48	3	18	43	0.02	<10	<10	93	<10	18
C442108	601	22	0.08	14	660	7	0.98	<2	13	31	0.01	<10	<10	60	<10	15
C442109	479	22	0.09	16	460	5	1.31	<2	11	25	0.01	<10	<10	42	<10	9
C442110	587	31	0.08	33	750	3	1.64	<2	16	31	0.01	<10	<10	96	<10	15
C442111	871	14	0.09	19	650	7	2.58	<2	15	36	0.01	<10	<10	79	<10	8
C442112	790	109	0.1	29	1200	4	2.5	<2	18	40	0.01	<10	<10	110	<10	10
C442113	725	16	0.08	28	530	4	2.61	<2	18	47	0.03	<10	<10	144	<10	22
C442114	644	24	0.07	19	400	3	2.62	<2	10	28	0.01	<10	<10	58	<10	16
C442115	399	9	0.04	16	250	5	4.04	<2	6	19	0.02	<10	<10	42	<10	17
C442116	584	18	0.06	14	430	5	3.09	<2	9	25	0.11	<10	<10	85	<10	28
C442117	828	14	0.06	21	350	3	5.13	<2	8	29	0.02	<10	<10	61	<10	18
C442118	976	67	0.08	37	730	3	2.43	<2	15	49	0.09	<10	<10	122	<10	33
C442119	877	55	0.09	39	800	5	1.97	<2	17	46	0.12	<10	<10	138	<10	35

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442120	0.054	34.5	0.39	26	<10	130	<0.5	<2	1	<0.5	<1	15	8740	0.97	<10	<1	0.23	<10	0.06
C442121	0.028	0.2	0.88	<2	<10	40	<0.5	<2	3.51	<0.5	16	25	483	3.93	<10	<1	0.13	<10	1.57
C442122	0.015	<0.2	0.66	<2	<10	110	<0.5	<2	2.54	<0.5	9	10	199	2.65	<10	<1	0.13	<10	1.03
C442123	0.01	0.5	0.39	<2	<10	10	<0.5	<2	1.62	<0.5	9	13	81	2.44	<10	<1	0.04	<10	0.79
C442124	0.013	1	0.63	<2	<10	10	<0.5	<2	2.78	<0.5	9	15	147	2.81	<10	<1	0.05	<10	1.06
C442125	0.02	<0.2	0.56	2	<10	10	<0.5	<2	1.82	<0.5	10	7	257	3.01	<10	<1	0.04	<10	0.97
C442126	0.025	0.2	0.27	<2	<10	10	<0.5	<2	1.82	<0.5	9	11	246	2.66	<10	<1	0.04	<10	0.75
C442127	0.068	0.3	0.96	4	<10	10	<0.5	<2	3.95	<0.5	6	14	370	6.84	10	<1	0.1	<10	1.08
C442128	0.045	<0.2	0.4	2	<10	10	<0.5	<2	3.48	<0.5	10	9	198	4.12	<10	<1	0.05	<10	1.32
C442129	0.033	<0.2	0.71	3	<10	10	<0.5	<2	4.68	<0.5	17	36	263	4.08	<10	<1	0.12	<10	1.84
C442130	0.085	<0.2	0.8	<2	<10	20	<0.5	<2	2.91	<0.5	20	25	646	4.87	<10	<1	0.1	<10	1.51
C442131	0.052	<0.2	0.83	<2	<10	10	<0.5	<2	2.39	<0.5	17	43	708	5.38	10	<1	0.09	<10	1.41
C442132	0.041	<0.2	0.87	<2	<10	20	<0.5	<2	2.57	<0.5	24	33	674	5.75	10	<1	0.08	<10	1.29
C442133	0.055	0.2	1.45	<2	<10	30	<0.5	<2	3.25	<0.5	19	46	649	5.21	10	<1	0.11	<10	2.06
C442134	0.022	<0.2	1.5	2	<10	20	<0.5	<2	2.1	<0.5	15	5	300	3.64	10	<1	0.13	10	1.51
C442135	0.015	<0.2	1.47	<2	<10	20	<0.5	<2	2.27	<0.5	16	5	317	3.61	10	<1	0.13	10	1.49
C442136	0.018	<0.2	1.54	<2	<10	30	<0.5	<2	2.85	<0.5	16	5	397	3.72	10	<1	0.15	10	1.57
C442137	0.014	0.2	1.66	<2	<10	20	<0.5	<2	3.57	<0.5	15	7	514	4.2	10	<1	0.1	10	1.72
C442138	0.015	<0.2	2.65	2	<10	30	<0.5	<2	3.02	<0.5	29	107	460	4.85	10	<1	0.2	<10	2.72
C442139	0.007	0.2	2.51	<2	<10	10	<0.5	<2	3.31	<0.5	25	112	279	4.37	10	<1	0.13	<10	2.83
C442140	0.005	<0.2	4.62	6	<10	30	<0.5	<2	2.18	<0.5	26	173	239	6.42	10	<1	0.76	<10	4.94
C442141	<0.005	<0.2	3.97	<2	<10	40	<0.5	<2	2.78	<0.5	20	170	77	5.07	10	1	0.72	<10	3.94
C442142	<0.005	0.2	3.16	<2	<10	10	<0.5	<2	3.07	<0.5	32	175	172	5.58	10	<1	0.13	<10	3.74
C442143	0.009	0.2	2.02	<2	<10	10	<0.5	<2	3.35	<0.5	41	61	420	5.48	10	<1	0.08	<10	2.47
C442144	<0.005	<0.2	2.83	2	<10	10	<0.5	<2	3.61	<0.5	18	138	129	3.86	10	<1	0.39	<10	3.54
C442145	0.008	<0.2	2.95	<2	<10	10	<0.5	<2	4.77	<0.5	28	197	236	5.3	10	<1	0.23	<10	3.54
C442146	0.014	<0.2	1.59	4	<10	10	<0.5	<2	4.91	<0.5	27	107	343	4.48	10	<1	0.06	<10	2.07
C442147	0.017	0.2	1.7	<2	<10	10	<0.5	<2	4.13	<0.5	24	90	415	4.54	10	<1	0.06	<10	2.05
C442148	0.014	0.2	1.03	<2	<10	<10	<0.5	<2	3.09	<0.5	19	40	406	3.88	<10	<1	0.02	<10	1.16
C442149	0.084	<0.2	1.78	<2	<10	10	<0.5	<2	2.54	<0.5	30	69	413	6.96	10	<1	0.02	<10	1.95
C442150	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	1	0.03	<10	<1	<0.01	<10	0.01
C442201	0.037	<0.2	1.58	5	<10	10	<0.5	<2	2.22	<0.5	29	71	439	5.35	10	<1	0.02	<10	1.75
C442202	0.013	<0.2	3.05	16	<10	10	<0.5	2	4.11	<0.5	31	156	243	5.09	10	<1	0.08	<10	3.58
C442203	0.008	<0.2	1.57	5	10	20	<0.5	2	5.18	<0.5	35	87	59	3.32	<10	<1	0.24	<10	2.6
C442204	0.008	<0.2	2.8	10	<10	10	<0.5	2	4.58	<0.5	30	123	181	5.24	10	<1	0.15	<10	3.49
C442205	<0.005	<0.2	3.92	6	10	10	0.6	<2	4.95	<0.5	28	96	75	5.49	10	<1	0.3	<10	4.4
C442206	0.048	<0.2	1.44	11	<10	10	<0.5	2	4.76	<0.5	20	34	292	4.34	<10	<1	0.21	<10	1.82
C442207	0.049	<0.2	1.69	10	10	20	<0.5	2	7.24	<0.5	25	42	299	5.34	<10	<1	0.33	<10	2.59
C442208	0.01	1	3.34	5	<10	20	<0.5	2	7.1	<0.5	39	148	338	6.69	10	<1	0.26	<10	4.32
C442209	0.011	0.4	1.21	3	<10	10	<0.5	<2	3.76	<0.5	10	29	61	2.87	<10	<1	0.07	<10	1.3
C442210	0.055	32.9	0.35	28	<10	130	<0.5	2	1.01	0.6	1	16	8990	0.92	<10	<1	0.21	<10	0.05
C442211	0.021	<0.2	0.96	5	<10	20	<0.5	<2	3.26	<0.5	13	14	177	3.14	<10	<1	0.14	<10	1.07

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442120	237	380	0.02	2	110	53	1.07	47	<1	163	<0.01	<10	<10	6	<10	29
C442121	648	27	0.07	17	570	4	2.26	<2	10	26	0.03	<10	<10	43	<10	12
C442122	402	22	0.07	8	650	3	1.63	<2	8	21	0.01	<10	<10	18	<10	7
C442123	349	3	0.1	9	420	2	1.69	<2	7	13	<0.01	<10	<10	15	<10	6
C442124	557	36	0.08	8	470	3	1.56	<2	9	30	0.01	<10	<10	31	<10	9
C442125	351	41	0.09	7	580	2	1.88	3	9	14	0.01	<10	<10	18	<10	7
C442126	367	78	0.08	6	390	4	1.86	<2	8	12	<0.01	<10	<10	13	<10	4
C442127	756	17	0.05	12	210	4	2.22	<2	5	29	0.03	<10	10	21	10	15
C442128	706	31	0.06	12	170	3	2.32	<2	6	22	0.01	<10	<10	13	<10	4
C442129	843	134	0.07	34	300	4	2.35	<2	9	37	<0.01	<10	<10	28	<10	7
C442130	546	7	0.04	54	370	4	3.38	<2	7	19	0.01	<10	<10	33	<10	9
C442131	539	10	0.04	35	360	2	3.76	<2	8	14	0.01	<10	<10	49	10	13
C442132	468	29	0.04	25	300	4	4.32	3	9	20	0.03	<10	<10	61	<10	12
C442133	518	89	0.05	19	990	3	3.15	<2	11	27	0.03	<10	<10	134	30	16
C442134	262	24	0.08	9	1880	5	2.07	<2	8	26	0.02	<10	<10	112	<10	17
C442135	275	21	0.08	8	1890	3	2.1	<2	9	28	0.02	<10	<10	111	<10	17
C442136	347	35	0.07	11	1810	2	2.16	<2	9	35	0.05	<10	<10	115	<10	21
C442137	401	19	0.07	13	1770	4	2.65	<2	9	29	0.03	<10	<10	125	<10	22
C442138	436	21	0.1	40	620	3	2.77	<2	13	28	0.19	<10	<10	140	<10	28
C442139	429	8	0.09	43	510	3	2.18	<2	13	28	0.16	<10	<10	104	<10	21
C442140	506	4	0.11	40	700	2	2.4	<2	24	24	0.26	<10	<10	208	<10	42
C442141	562	1	0.13	66	540	2	0.99	2	17	37	0.26	<10	<10	151	<10	25
C442142	523	13	0.07	63	560	<2	2.53	<2	20	25	0.13	<10	<10	126	<10	31
C442143	470	23	0.05	39	370	<2	3.62	2	11	27	0.03	<10	<10	57	<10	24
C442144	556	8	0.07	56	430	4	1.2	<2	17	41	0.07	<10	10	105	<10	24
C442145	735	13	0.06	77	640	5	2.17	<2	19	65	0.09	<10	<10	152	<10	22
C442146	676	10	0.05	56	480	3	2.72	<2	12	48	0.09	<10	<10	89	<10	15
C442147	635	73	0.07	41	460	4	2.66	<2	11	33	0.11	<10	<10	89	<10	19
C442148	510	23	0.06	16	350	2	2.37	<2	7	24	0.11	<10	<10	49	<10	14
C442149	679	80	0.04	27	500	3	3.6	2	9	18	0.16	<10	10	80	10	30
C442150	<5	<1	<0.01	1	10	2	0.01	<2	<1	<1	<0.01	<10	<10	<1	<10	4
C442201	565	47	0.04	30	470	4	3.12	<2	9	21	0.16	<10	<10	89	<10	26
C442202	731	24	0.06	54	620	3	2.01	<2	17	28	0.16	<10	<10	155	<10	36
C442203	694	11	0.05	28	620	<2	1.29	<2	18	46	0.01	<10	10	97	<10	9
C442204	529	13	0.05	39	670	3	2.67	<2	18	47	0.02	<10	<10	152	<10	17
C442205	854	7	0.02	35	690	3	1.18	<2	15	60	0.01	<10	<10	108	<10	39
C442206	1005	31	0.02	32	570	6	3.14	<2	8	51	<0.01	<10	<10	45	<10	16
C442207	2680	17	0.02	31	570	9	3.3	<2	9	70	<0.01	<10	<10	43	<10	27
C442208	2490	10	0.02	55	500	<2	2.56	<2	15	71	0.01	<10	<10	112	<10	50
C442209	519	7	0.05	18	290	2	1.56	<2	8	39	<0.01	<10	<10	31	<10	12
C442210	237	377	0.02	1	110	48	1.03	51	<1	162	<0.01	<10	<10	4	<10	28
C442211	536	8	0.05	16	410	2	2.17	<2	6	35	<0.01	<10	<10	25	<10	8

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442263	0.177	<0.2	2.29	4	<10	40	<0.5	2	3.61	<0.5	41	3	52	3.84	10	<1	0.53	<10	1.52
C442264	0.038	<0.2	2.08	3	<10	20	<0.5	<2	4.21	<0.5	64	6	43	3.68	10	1	0.29	<10	1.63
C442265	0.036	<0.2	1.52	4	<10	20	<0.5	<2	3.57	<0.5	87	5	117	4.17	10	<1	0.4	<10	1.16
C442266	0.013	<0.2	0.82	<2	<10	10	<0.5	<2	1.98	<0.5	39	11	26	1.97	<10	<1	0.12	<10	0.63
C442267	0.011	<0.2	0.72	<2	<10	<10	<0.5	<2	1.18	<0.5	11	20	38	2.02	<10	<1	0.06	<10	0.56
C442268	0.122	<0.2	2.37	<2	<10	20	<0.5	<2	2.82	<0.5	15	95	381	5.46	10	<1	0.28	<10	1.98
C442269	0.07	<0.2	1.62	<2	<10	10	<0.5	<2	2.93	<0.5	16	17	291	3.51	10	<1	0.17	<10	1.47
C442270	0.035	<0.2	1.73	<2	<10	20	<0.5	<2	3.81	<0.5	59	19	70	3.69	10	<1	0.31	<10	1.52
C442271	0.011	<0.2	1.24	2	<10	10	<0.5	<2	4.15	<0.5	44	9	61	2.95	10	1	0.19	<10	1.18
C442272	0.025	<0.2	1.73	<2	<10	30	<0.5	<2	1.79	<0.5	14	7	72	4.16	10	<1	0.25	<10	1.29
C442273	0.059	<0.2	3.07	12	<10	30	<0.5	4	1.85	<0.5	26	65	89	8.6	10	<1	0.19	<10	2.43
C442274	<0.005	<0.2	3.05	<2	<10	50	<0.5	<2	2.6	<0.5	10	5	169	5.48	10	<1	0.24	<10	2.34
C442275	<0.005	<0.2	2.95	5	<10	70	<0.5	2	3.11	<0.5	19	3	31	5.75	10	<1	0.27	<10	2.08
C442276	0.201	<0.2	3.75	2	<10	70	<0.5	4	2.33	<0.5	12	3	356	6.76	10	<1	0.35	<10	2.36
C442277	0.045	<0.2	2.66	8	<10	90	<0.5	2	4.2	<0.5	19	5	69	4.89	10	1	0.62	<10	1.58
C442278	0.028	0.2	3.18	3	<10	80	<0.5	<2	3.91	<0.5	10	2	66	4.48	10	<1	0.65	<10	2
C442279	0.014	<0.2	2.97	3	<10	80	<0.5	2	3.42	<0.5	9	2	9	4.34	10	1	0.7	<10	1.67
C442280	0.037	<0.2	3.48	9	<10	70	<0.5	2	3.1	<0.5	16	27	25	6.63	10	1	0.4	<10	2.44
C442281	0.045	<0.2	4.58	7	<10	80	<0.5	4	1.44	<0.5	17	155	218	8.74	20	<1	0.48	<10	3.61
C442282	0.089	0.7	1.83	2	<10	20	<0.5	<2	1.42	<0.5	16	13	94	4.42	10	<1	0.11	<10	1.46
C442283	0.023	<0.2	1.96	<2	<10	50	<0.5	<2	0.79	<0.5	9	26	175	4.26	10	<1	0.21	<10	1.44
C442284	0.03	<0.2	1.08	<2	<10	10	<0.5	<2	0.78	<0.5	10	14	32	2.97	10	<1	0.04	<10	0.82
C442285	<0.005	<0.2	0.01	<2	<10	10	<0.5	<2	0.01	<0.5	<1	<1	5	0.02	<10	<1	<0.01	<10	<0.01
C442286	0.207	0.2	1.11	3	<10	10	<0.5	<2	0.79	<0.5	9	16	45	3.1	10	<1	0.05	<10	0.85
C442287	0.029	<0.2	0.75	3	<10	10	<0.5	<2	1.07	<0.5	6	12	32	2.16	10	<1	0.04	<10	0.56
C442288	0.013	<0.2	0.82	<2	<10	<10	<0.5	<2	0.74	<0.5	5	15	11	1.97	10	<1	0.02	<10	0.59
C442289	0.01	<0.2	0.97	<2	<10	10	<0.5	<2	0.96	<0.5	7	16	14	2.3	10	<1	0.03	<10	0.7
C442290	0.011	0.2	1.14	<2	<10	<10	<0.5	<2	1.07	<0.5	7	16	11	2.87	10	<1	0.02	<10	0.88
C442291	0.007	<0.2	0.84	<2	<10	10	<0.5	<2	0.84	<0.5	5	12	16	1.76	10	<1	0.03	<10	0.59
C442292	0.019	<0.2	0.77	2	<10	<10	<0.5	<2	1.04	<0.5	10	20	7	3.12	10	<1	0.01	<10	0.49
C442293	0.009	0.3	1.64	<2	<10	<10	<0.5	<2	1.87	<0.5	15	74	46	3.9	10	<1	0.05	<10	1.41
C442294	0.011	0.2	2.4	<2	<10	10	<0.5	<2	1.97	<0.5	16	140	45	5.48	10	<1	0.2	<10	1.89
C442295	0.016	2.3	3.11	<2	<10	10	<0.5	<2	1.6	<0.5	20	135	42	7.13	20	<1	0.21	<10	2.65
C442296	0.016	<0.2	1.31	<2	<10	10	<0.5	<2	1.85	<0.5	7	20	11	2.8	10	<1	0.07	<10	1.09
C442297	0.01	<0.2	0.84	<2	<10	10	<0.5	<2	1.24	<0.5	6	18	6	2.21	10	<1	0.04	10	0.61
C442298	0.014	<0.2	0.78	<2	<10	40	<0.5	<2	0.68	<0.5	5	11	5	2.06	10	<1	0.03	<10	0.61
C442299	0.022	<0.2	1.12	<2	<10	20	<0.5	<2	0.21	<0.5	4	12	12	2.06	10	<1	0.04	10	0.9
C442300	0.048	36.2	0.39	26	<10	140	<0.5	10	0.96	<0.5	<1	18	9160	0.95	<10	<1	0.23	<10	0.06
C442301	0.033	<0.2	1.26	<2	<10	20	<0.5	<2	0.58	<0.5	4	9	11	3.16	10	<1	0.1	<10	0.96
C442302	<0.005	<0.2	0.92	<2	<10	10	<0.5	<2	0.53	<0.5	3	10	7	2.11	10	<1	0.05	<10	0.64
C442303	0.008	0.3	1.05	<2	<10	10	<0.5	<2	0.65	<0.5	5	7	22	2.4	10	<1	0.06	<10	0.76
C442304	0.01	0.3	0.74	<2	<10	10	<0.5	<2	0.7	<0.5	6	8	20	1.99	<10	<1	0.05	<10	0.49
C442305	<0.005	<0.2	0.68	<2	<10	10	<0.5	<2	0.68	<0.5	4	10	10	1.57	<10	<1	0.04	<10	0.44
C442306	<0.005	<0.2	0.93	<2	<10	50	<0.5	<2	0.7	<0.5	2	8	6	1.79	10	<1	0.15	10	0.55
C442307	<0.005	<0.2	0.95	<2	<10	40	<0.5	<2	0.72	<0.5	2	9	18	2.49	10	<1	0.16	<10	0.59
C442308	0.007	0.6	1.21	<2	<10	20	<0.5	<2	0.69	<0.5	3	11	12	2.62	10	<1	0.12	<10	0.85
C442309	<0.005	<0.2	1.01	<2	<10	30	<0.5	<2	0.55	<0.5	1	8	5	2.28	10	<1	0.12	10	0.69
C442310	<0.005	<0.2	1.2	<2	<10	50	<0.5	<2	0.53	<0.5	3	6	10	2.59	10	<1	0.21	<10	0.78
C442311	<0.005	<0.2	1.09	<2	<10	30	<0.5	<2	0.75	<0.5	7	9	69	2.85	10	1	0.13	<10	0.79
C442312	0.006	0.5	1.02	<2	<10	10	<0.5	2	0.89	<0.5	5	10	15	2.4	10	1	0.09	<10	0.74
C442313	<0.005	0.2	1.19	<2	<10	10	<0.5	<2	0.89	<0.5	5	8	9	2.57	10	1	0.11	<10	0.88
C442314	<0.005	0.9	0.87	<2	<10	10	<0.5	<2	0.86	<0.5	11	10	11	1.98	10	<1	0.07	<10	0.51
C442315	0.008	<0.2	1.19	<2	<10	10	<0.5	<2	1.11	<0.5	23	12	21	2.48	10	<1	0.03	10	0.92
C442316	0.008	<0.2	1.04	<2	<10	10	<0.5	<2	0.96	<0.5	13	9	10	2.25	10	<1	0.03	10	0.77

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442263	925	44	0.08	13	1240	3	2.08	2	7	26	0.14	<10	<10	98	<10	21
C442264	896	12	0.09	24	1960	4	1.94	<2	11	24	0.19	<10	<10	143	<10	20
C442265	711	11	0.08	29	2040	3	2.94	<2	9	25	0.11	<10	<10	111	<10	14
C442266	368	8	0.13	14	1050	2	1.24	<2	6	14	0.05	<10	<10	46	<10	9
C442267	302	7	0.13	8	520	2	0.82	<2	8	10	0.07	<10	<10	28	<10	9
C442268	856	5	0.08	24	780	3	2.22	2	18	26	0.18	<10	<10	134	<10	34
C442269	821	44	0.09	15	430	2	1.82	<2	11	22	0.09	<10	<10	63	10	22
C442270	861	12	0.07	25	440	2	1.97	<2	8	22	0.08	<10	<10	66	<10	21
C442271	767	6	0.05	19	320	<2	1.37	<2	6	23	0.06	<10	<10	43	<10	16
C442272	735	29	0.07	14	310	2	2.43	<2	7	16	0.08	<10	<10	52	<10	27
C442273	1300	44	0.07	24	640	5	4.72	<2	14	18	0.11	<10	<10	156	<10	67
C442274	1290	2	0.08	3	1140	5	0.34	<2	8	33	0.19	<10	<10	127	<10	64
C442275	1325	2	0.1	3	1150	4	0.76	<2	8	34	0.18	<10	<10	131	<10	61
C442276	1780	1	0.09	4	1170	4	0.79	<2	7	31	0.15	<10	<10	121	<10	87
C442277	1805	12	0.06	5	820	3	3.02	<2	7	33	0.15	<10	<10	46	<10	58
C442278	1750	15	0.06	2	1180	5	1.68	<2	7	41	0.19	<10	<10	98	<10	69
C442279	1625	1	0.07	2	1050	4	2.12	<2	6	39	0.19	<10	<10	84	<10	55
C442280	1760	2	0.06	15	940	4	1.69	<2	8	35	0.18	<10	<10	111	<10	77
C442281	1865	25	0.1	54	480	6	1.72	3	19	22	0.17	<10	<10	159	<10	107
C442282	767	1	0.09	8	390	3	1.96	<2	12	15	0.09	<10	<10	72	<10	42
C442283	669	5	0.08	9	300	2	1.02	<2	10	11	0.08	<10	<10	61	<10	37
C442284	322	16	0.14	4	210	<2	1.22	<2	9	9	0.06	<10	<10	48	<10	16
C442285	<5	<1	<0.01	<1	10	5	0.01	<2	<1	1	<0.01	<10	<10	<1	<10	9
C442286	329	4	0.15	3	230	<2	0.95	<2	10	10	0.05	<10	<10	49	<10	16
C442287	260	3	0.13	4	220	<2	0.65	<2	8	10	0.05	<10	<10	34	<10	9
C442288	223	1	0.14	2	170	<2	0.35	<2	8	7	0.04	<10	<10	27	<10	11
C442289	266	1	0.15	4	210	<2	0.41	<2	10	9	0.05	<10	<10	30	<10	13
C442290	288	16	0.15	3	250	2	0.67	<2	12	11	0.08	<10	<10	45	<10	15
C442291	184	4	0.16	4	210	2	0.48	<2	8	10	0.07	<10	<10	23	<10	10
C442292	193	18	0.15	7	390	3	1.35	<2	10	12	0.13	<10	<10	36	<10	9
C442293	409	2	0.12	27	490	3	1.29	<2	15	16	0.1	<10	<10	64	<10	21
C442294	556	82	0.08	42	750	2	1.04	<2	19	17	0.1	<10	<10	124	<10	30
C442295	666	189	0.07	59	720	7	1.13	2	20	17	0.09	<10	<10	144	10	49
C442296	379	72	0.11	8	330	2	0.65	<2	11	15	0.04	<10	<10	20	<10	16
C442297	219	33	0.15	5	310	<2	0.37	<2	10	12	0.08	<10	<10	14	<10	10
C442298	159	10	0.12	4	310	<2	0.3	<2	10	9	0.09	<10	<10	13	<10	9
C442299	180	12	0.14	6	310	<2	0.16	<2	11	8	0.08	<10	<10	20	<10	13
C442300	247	401	0.01	1	110	51	1.07	54	<1	168	<0.01	<10	<10	5	<10	28
C442301	208	13	0.12	6	300	<2	0.15	<2	13	9	0.08	<10	<10	35	<10	13
C442302	185	32	0.17	2	280	<2	0.21	<2	10	8	0.06	<10	<10	10	<10	10
C442303	227	23	0.12	2	300	<2	0.32	<2	10	9	0.05	<10	<10	10	<10	12
C442304	175	18	0.14	2	280	<2	0.56	<2	8	8	0.03	<10	<10	7	<10	8
C442305	162	9	0.14	2	280	<2	0.33	<2	7	8	0.04	<10	<10	6	<10	7
C442306	235	17	0.11	3	300	2	0.16	<2	8	11	0.04	<10	<10	8	<10	9
C442307	274	20	0.1	3	320	<2	0.15	<2	9	12	0.05	<10	<10	23	<10	10
C442308	287	34	0.11	3	340	2	0.3	<2	10	12	0.06	<10	<10	19	<10	13
C442309	261	28	0.12	1	300	<2	0.05	<2	10	10	0.04	<10	<10	9	<10	11
C442310	311	18	0.11	3	310	2	0.17	<2	11	19	0.08	<10	<10	10	<10	16
C442311	342	3	0.11	4	300	<2	0.67	<2	8	12	0.06	<10	<10	12	<10	15
C442312	290	13	0.12	3	320	<2	0.61	<2	9	11	0.05	<10	<10	11	<10	13
C442313	319	9	0.1	4	310	2	0.65	<2	8	10	0.04	<10	<10	10	<10	15
C442314	217	14	0.16	4	300	2	0.55	<2	8	10	0.04	<10	<10	6	<10	9
C442315	299	46	0.14	4	360	<2	0.7	<2	10	16	0.07	<10	<10	14	<10	17
C442316	258	71	0.16	3	350	<2	0.65	<2	9	15	0.06	<10	<10	11	<10	14

	Au-AA23	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
C442317	0.008	<0.2	2.12	<2	<10	10	<0.5	2	1.07	<0.5	8	13	18	4.87	10	<1	0.07	10	1.91
C442318	0.007	<0.2	1.65	3	<10	20	<0.5	2	0.83	<0.5	10	10	25	3.78	10	<1	0.07	<10	1.45
C442319	<0.005	<0.2	1.27	<2	<10	20	<0.5	<2	0.64	<0.5	14	8	55	2.82	10	<1	0.06	<10	1.08
C442320	0.006	0.9	1.16	<2	<10	20	<0.5	<2	0.9	<0.5	12	8	60	2.77	10	<1	0.06	<10	0.97
C442321	0.006	<0.2	1.54	2	<10	40	<0.5	<2	1.57	<0.5	10	7	157	3.98	10	1	0.14	<10	1.25
C442322	0.014	0.3	1.29	<2	<10	10	<0.5	<2	2.7	<0.5	22	7	45	3.53	10	<1	0.05	<10	1.22
C442323	0.008	<0.2	0.7	<2	<10	10	<0.5	<2	1.15	<0.5	11	10	33	2.26	10	<1	0.04	<10	0.55
C442324	0.006	<0.2	0.75	<2	<10	10	<0.5	<2	0.92	<0.5	11	15	39	2.5	10	<1	0.03	10	0.61
C442325	0.008	<0.2	0.82	<2	<10	20	<0.5	<2	0.67	<0.5	10	10	122	2.29	10	<1	0.06	<10	0.64
C442326	<0.005	<0.2	0.83	<2	<10	10	<0.5	<2	0.78	<0.5	11	10	46	2.34	10	<1	0.03	<10	0.71

	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
SAMPLE	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
DESCRIPTION	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C442317	566	29	0.08	8	310	2	0.88	<2	12	12	0.08	<10	<10	25	<10	33
C442318	475	11	0.05	8	310	2	0.56	<2	11	9	0.08	<10	<10	25	<10	27
C442319	351	3	0.09	5	310	<2	0.59	<2	10	8	0.09	<10	<10	19	<10	21
C442320	354	2	0.07	6	340	3	0.66	<2	10	10	0.1	<10	<10	24	<10	19
C442321	551	2	0.08	7	730	3	0.88	<2	12	16	0.22	<10	<10	76	10	25
C442322	535	15	0.09	7	320	3	1.5	2	10	23	0.06	<10	<10	22	<10	17
C442323	254	21	0.1	3	310	<2	0.97	<2	8	11	0.06	<10	<10	7	<10	10
C442324	257	52	0.11	3	320	<2	0.91	<2	9	9	0.07	<10	<10	7	<10	10
C442325	238	43	0.13	3	300	<2	0.9	<2	9	9	0.07	<10	<10	9	<10	10
C442326	250	12	0.06	3	290	<2	0.85	<2	9	8	0.06	<10	<10	8	<10	12

Appendix E: Quality Control / Quality Assurance

QUALITY CONTROL / QUALITY ASSURANCE

I Chain of Custody

All samples were packed in rice sacks and sealed with uniquely-numbered non-resealable security straps. Rice sacks were shipped via Bandstra Transportation Systems Ltd. from Iskut, B.C. to ALS Chemex Labs in North Vancouver. ALS Chemex reported that all bags were received in good condition, with all security straps intact, and with no evidence of tampering.

II Blanks

Blanks are samples which are known to be barren of mineralization and are inserted into the sample stream to determine whether contamination has occurred after sample collection.

a. Lab Blanks

ALS Chemex inserted 15 blanks into their analytical stream. All 15 returned below detection limit for Au and at or below detection limit for all other elements.

b. Field Blanks

Eleven (11) blanks were inserted into the core sample stream in the field. ALS Chemex analyzed them with along with the core samples for Au and 34-element ICP. All elements for these blanks reported values near the detection limit or below.

III Lab Duplicate Analysis

Lab duplicates are separate analyses of two portions of a prepared sample. They are used to measure the reproducibility of laboratory analyses. ALS Chemex Labs conducts duplicate analyses of random samples at varying frequencies depending on the particular sample preparation code. For example, the standard ICP analysis that was conducted on all samples (code ICP41) is run in batches of 40 samples–one of which will be duplicated. Other analyses, such as fire assays of Au or Ag, are run in larger batches with more frequent duplicates. Thompson and Howarth (1976, 1978) demonstrated that the analytical precision of a dataset can be estimated by duplicate analyses. They established a graphical representation of the precision that is effective for datasets of 10 to 50 samples.

ALS Chemex duplicated 18 random pulps for Au and 16 random pulps for 34-element ICP. Au and pertinent base metals were reproducible for these duplicates at 20% precision.

IV Field Duplicate Analysis

Field duplicates are separate samples taken in the same manner from the same location. They are used to measure inherent variability in metal content from a single location and sample medium, and give an idea of sample reproducibility in the field. Core duplicates were produced by sawing the core in half, then sawing one half into quarters and submitting the quarters for analysis. Twenty core duplicates were submitted as part of the regular sample stream. Core duplicates were reproducible at 60% precision for Au and Mo, at 40% for Cu and at 20% for Ag.

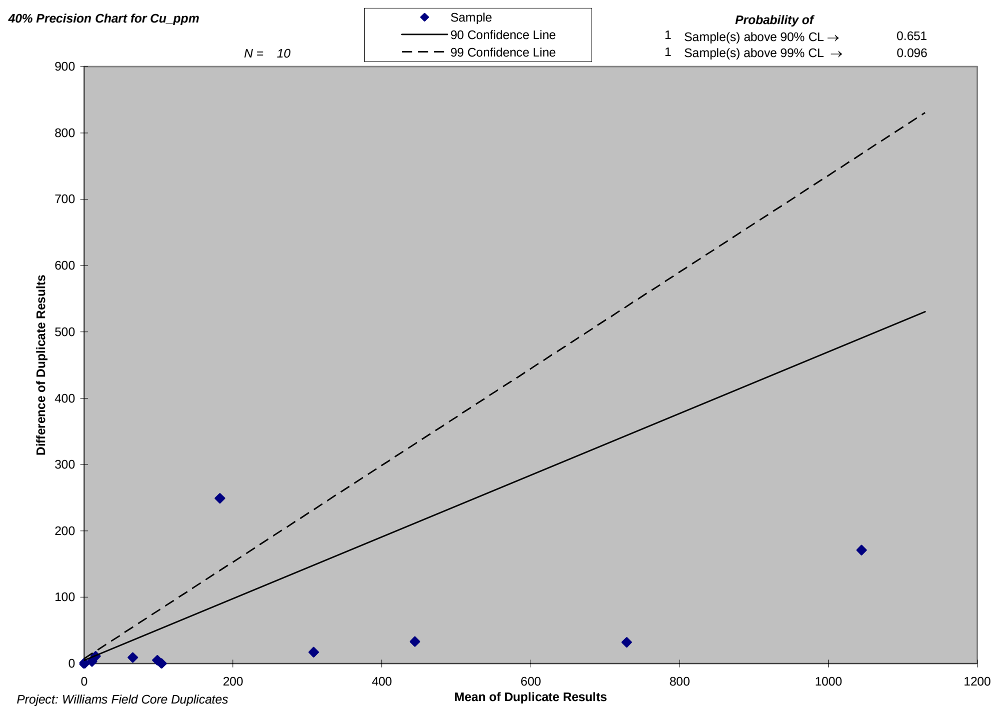


Chart 1: Graph illustrating Thompson and Howarth estimation of analytical precision for lab duplicates. The data points represent duplicate pairs, the solid line represents the 90th percentile of the population, and the dashed line the 99th percentile of the population (n=20 duplicate pairs).

V Field Standards

Twelve standards were inserted into the sample shipments in the field, six of CU121 (0.97% Cu, 0.42% Mo, 33.0 g/tonne Ag) and six of PM921 (2.96 g/tonne Au). All of the standards checked very well for Au and Ag. The six CU121 samples analyzed by ALS Chemex returned 8740-9160 ppm Cu (average 8960 ppm Cu) instead of 9700 ppm Cu. This is about 8% too low and appears systematic, implying either systematic lab error or an incorrect value assigned to the standard. Similarly, the six CU121 samples returned 307-403 ppm Mo (average 391 ppm Mo) instead of 420 ppm Mo. This is about 7% too low, again implying either systematic lab error or an incorrect value assigned to the standard.

VI Conclusions

- There is no evidence of tampering with the samples between collection and laboratory.
- Low analytical results for laboratory and field blank samples indicate no contamination in the laboratory or en route to it.
- Laboratory preparation and analysis are reproducible for all elements at the 20% precision level.
- Variability is greater for the field duplicates (i.e. two quarter cores) than for laboratory duplicates (i.e. two portions of a pulp), as would be expected, but all elements of interest are reproducible at the 60% precision level or better.
- Laboratory analyses for the field standards were quite acceptable for Au and Ag, but ALS Chemex returned Cu and Mo values 7-8% lower than the quoted values for the standards. This could represent systematic laboratory bias or an incorrect value assigned by the standard manufacturer. Any effect would be irrelevant for the 2006 drilling, but should be determined prior to using the same standard in future drill programs.

Appendix F: Compact Disc

Report text, drilling databases, geochemical databases, geophysical files, MapInfo files, photographs

Appendix G: Geologist’s Certificate

GEOLOGIST'S CERTIFICATE

I, Jim Lehtinen, of 4317 Briardale Road, Courtenay, in the Province of British Columbia, DO HEREBY CERTIFY:

1. THAT I am a Consulting Geologist with offices at Suite 700, 700 West Pender Street, Vancouver, British Columbia.

2. THAT I am a graduate of the University of British Columbia with a Bachelor of Science degree in Geology in 1984.

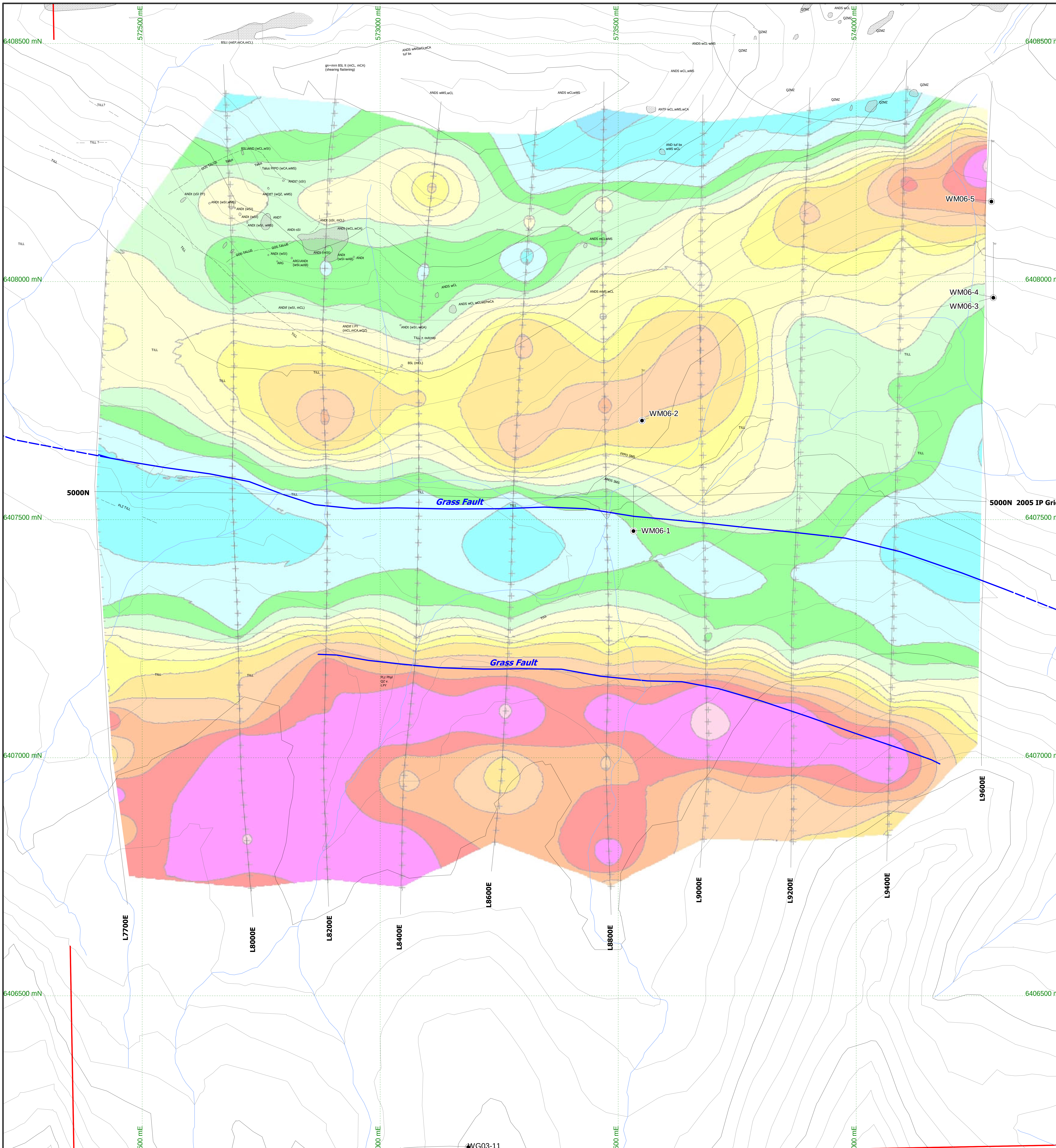
3. THAT I am a Professional Geoscientist registered in good standing with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (#19,778).

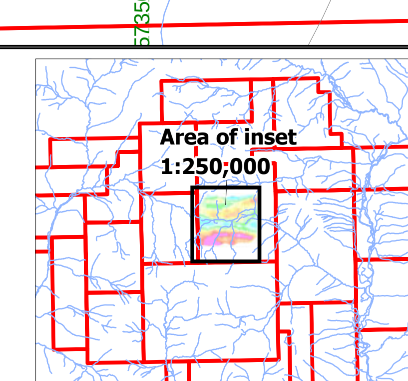
4. THAT this report is based on property work I personally completed and/or directly supervised between September and October, 2006, and on publicly available reports.

DATED at Vancouver, British Columbia, this 26th day of January, 2007.

Jim Lehtinen, P.Geo.

Equity Engineering Ltd.





LEGEND

- Claim Outline
- Drill Hole
- Showing
- Silt Sample
- Soil Sample
- Rock Sample
- Float Rock Sample

Note: For sample results
0 = no result available
-ve number = below detection limit

200 metres

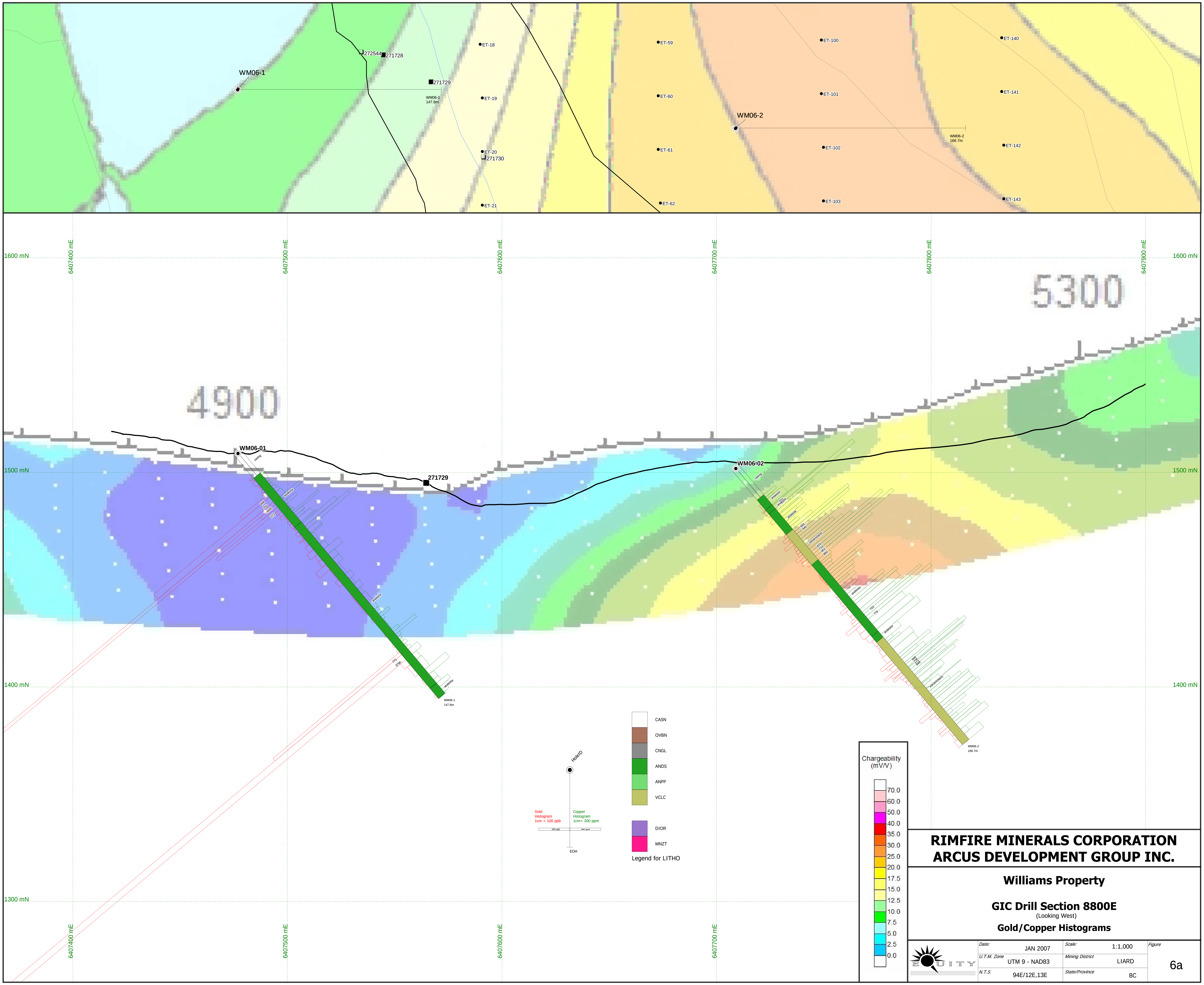
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.

Williams Project

2006 Drill Collar Locations
50m Depth Chargeability

EQUITY

Date: JAN 2007	Scale: 1:5,000	Figure
U.T.M. Zone UTM 9 - NAD83	Mining District LIARD	5
N.T.S. 94E/12E,13E	State/Province BC	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WM06-2
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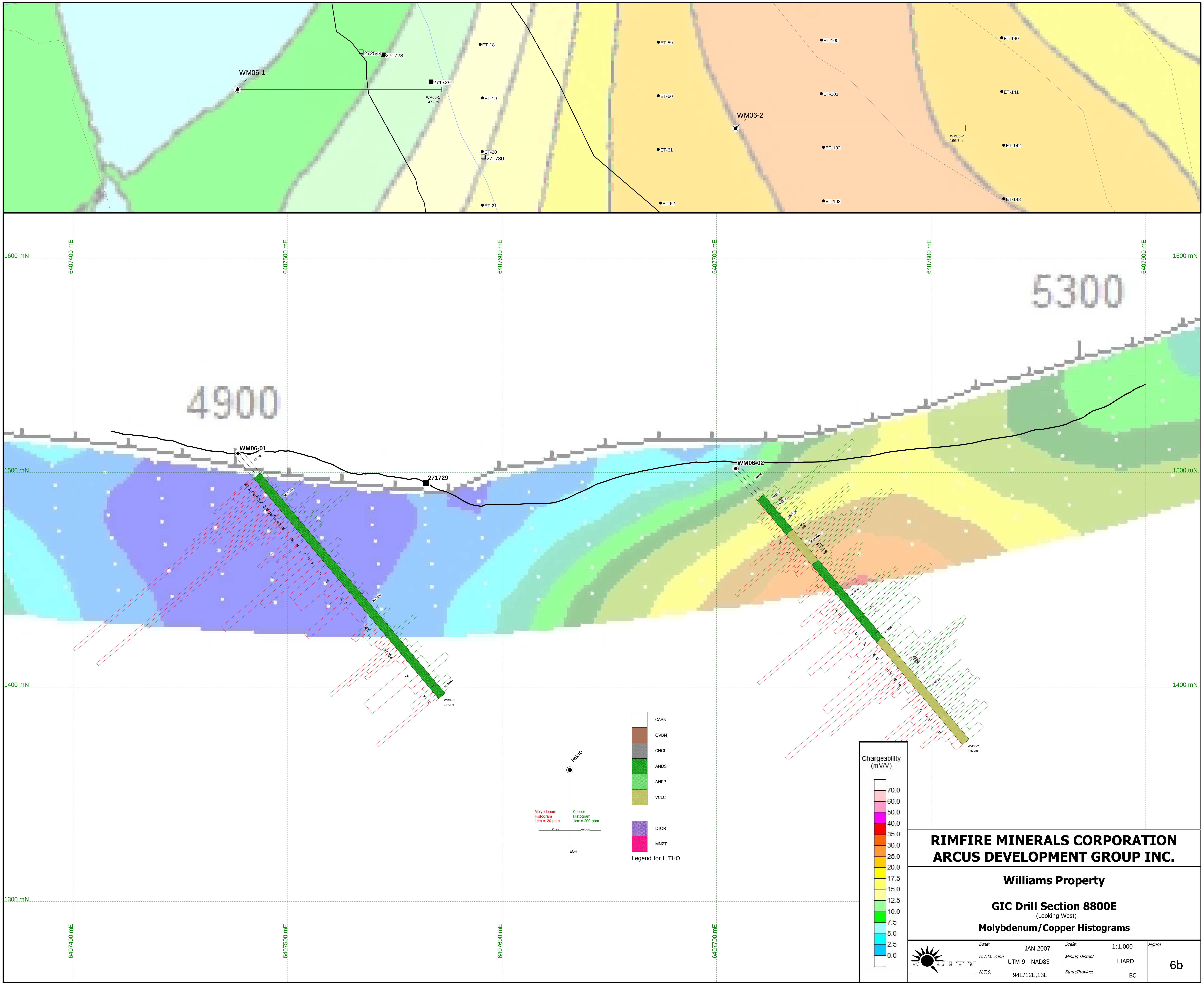
271728
271729
271730
ET-18
ET-19
ET-20
ET-21
ET-59
ET-60
ET-61
ET-62
ET-100
ET-101
ET-102
ET-103
ET-140
ET-141
ET-142
ET-143
6407400 mE
6407500 mE
6407600 mE
6407700 mE
6407800 mE
6407900 mE
1600 mN
1500 mN
1400 mN
1300 mN
4900
5300
WM06-01
WM06-02
271729
CASN
OVBN
CNGL
ANDS
ANPP
VCLC
DIOR
MNZT
Legend for LITHO
HoleID
Gold Histogram 1cm = 100 ppb
Copper Histogram 1cm= 200 ppm
EOH
Chargeability (mV/V)
70.0
60.0
50.0
40.0
35.0
30.0
25.0
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.
Williams Property
GIC Drill Section 8800E
(Looking West)
Gold/Copper Histograms
Date: JAN 2007
Scale: 1:1,000
Figure 6a
U.T.M. Zone UTM 9 - NAD83
Mining District LIARD
N.T.S. 94E/12E,13E
State/Province BC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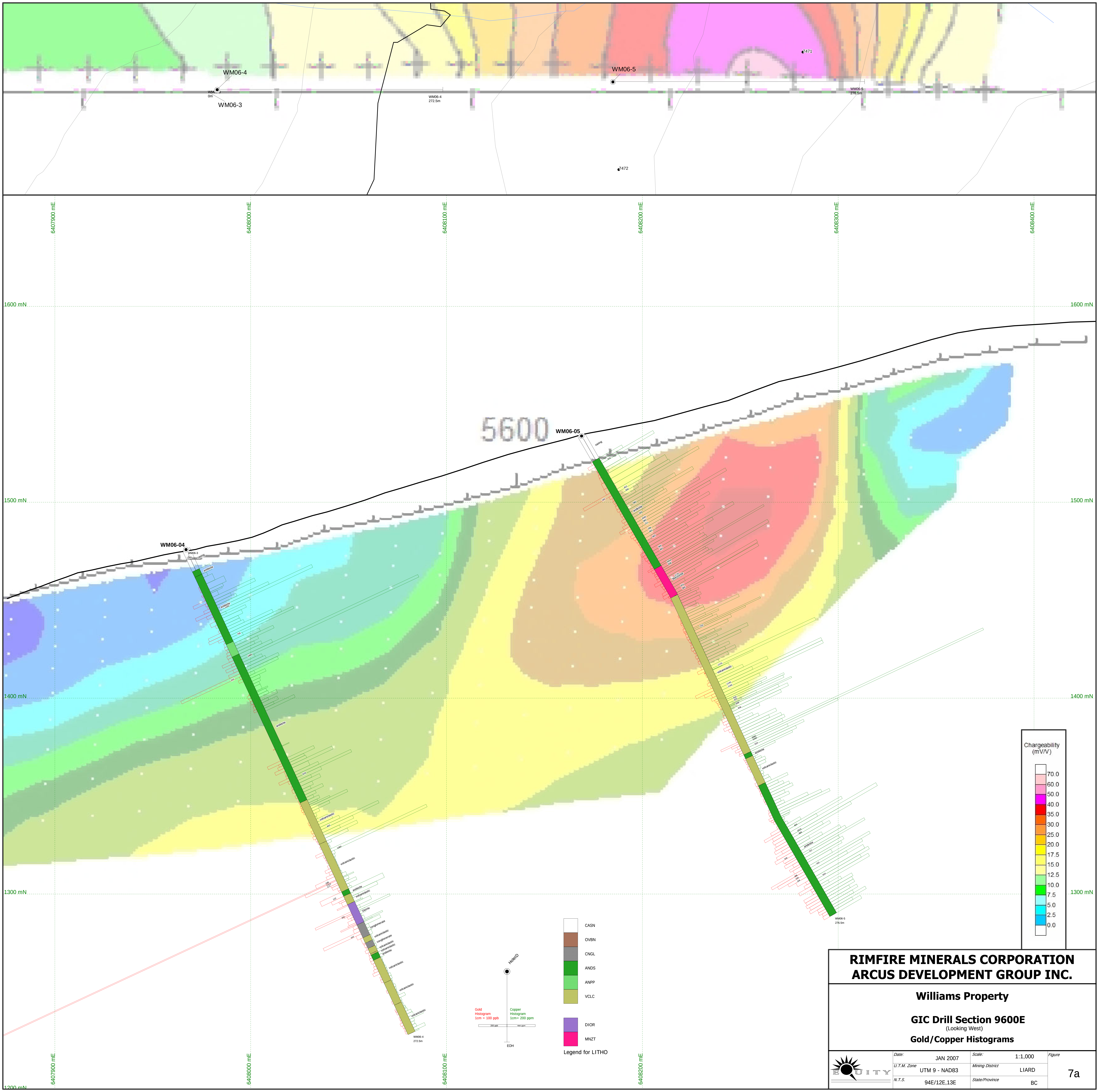
271728
271729
WM06-1 147.8m
ET-18
ET-19
ET-20
271730
ET-21
ET-59
ET-60
ET-61
ET-62
ET-100
ET-101
ET-102
ET-103
WM06-2
WM06-2 166.7m
ET-140
ET-141
ET-142
ET-143
6407400 mE
6407500 mE
6407600 mE
6407700 mE
6407800 mE
6407900 mE
1600 mN
1500 mN
1400 mN
1300 mN
5300
4900
WM06-01
WM06-02
271729
HoleID
Molybdenum Histogram 1cm = 20 ppm
Copper Histogram 1cm= 200 ppm
EOH
CASN
OVBN
CNGL
ANDS
ANPP
VCLC
DIOR
MNZT
Legend for LITHO
Chargeability (mV/V)
70.0
60.0
50.0
40.0
35.0
30.0
25.0
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.
Williams Property
GIC Drill Section 8800E
(Looking West)
Molybdenum/Copper Histograms
EQUITY
Date: JAN 2007
Scale: 1:1,000
Figure 6b
U.T.M. Zone UTM 9 - NAD83
Mining District LIARD
N.T.S. 94E/12E,13E
State/Province BC



RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.

Williams Property

GIC Drill Section 9600E
(Looking West)
Gold/Copper Histograms

Date: JAN 2007	Scale: 1:1,000	Figure
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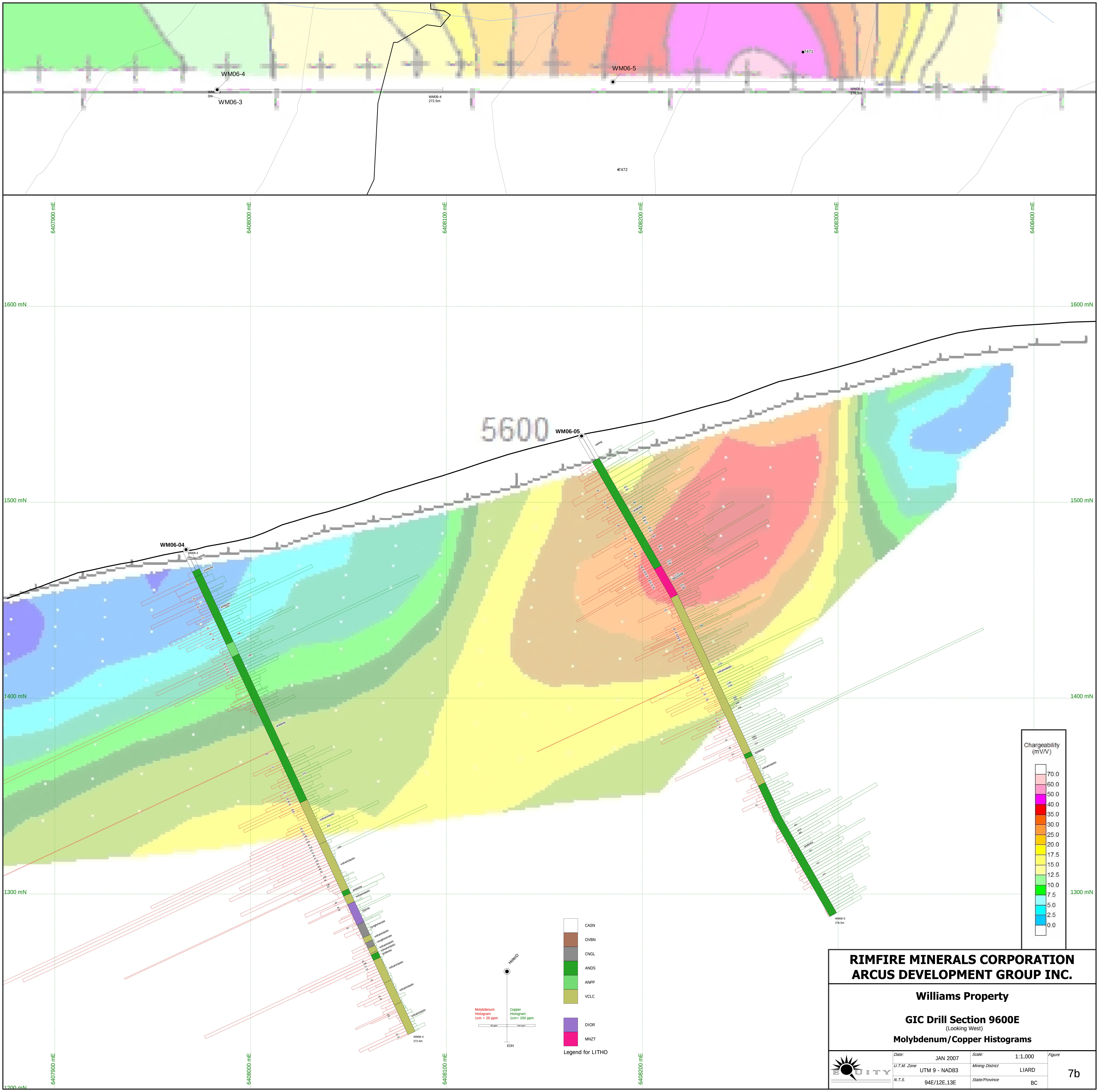
N.T.S.: 94E/12E,13E	State/Province: BC	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WM06-3
WM06-5
6407900 mE
6408000 mE
6408100 mE
6408200 mE
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6408400 mE
1600 mN
1500 mN
1400 mN
1300 mN
1200 mN
5600
WM06-05
WM06-04
WM06-5
276.5m
WM06-4
272.5m
Chargeability (mV/V)
70.0
60.0
50.0
40.0
35.0
30.0
25.0
20.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
HoleID
Molybdenum Histogram 1cm = 20 ppm
Copper Histogram 1cm= 200 ppm
40 ppm
400 ppm
EOH
CASN
OVBN
CNGL
ANDS
ANPP
VCLC
DIOR
MNZT
Legend for LITHO
RIMFIRE MINERALS CORPORATION
ARCUS DEVELOPMENT GROUP INC.
Williams Property
GIC Drill Section 9600E
(Looking West)
Molybdenum/Copper Histograms
EQUITY
Date: JAN 2007
Scale: 1:1,000
Figure 7b
U.T.M. Zone UTM 9 - NAD83
Mining District LIARD
N.T.S. 94E/12E,13E
State/Province BC