

Report on 2006 Exploration Activities at the Bighorn Creek Project, Atlin Mining District, British Columbia

Prepared for

Micrex Development Corporation 156 Laurier Drive Edmonton, Alberta T5R 5P9

GEOLOGICAL SURVEY BRANCH
ASSESSMENT SEROUT

December 30, 2006

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Report on 2006 Exploration Activities at the Bighorn Creek Project, Atlin Mining District, British Columbia. NTS 109M/9

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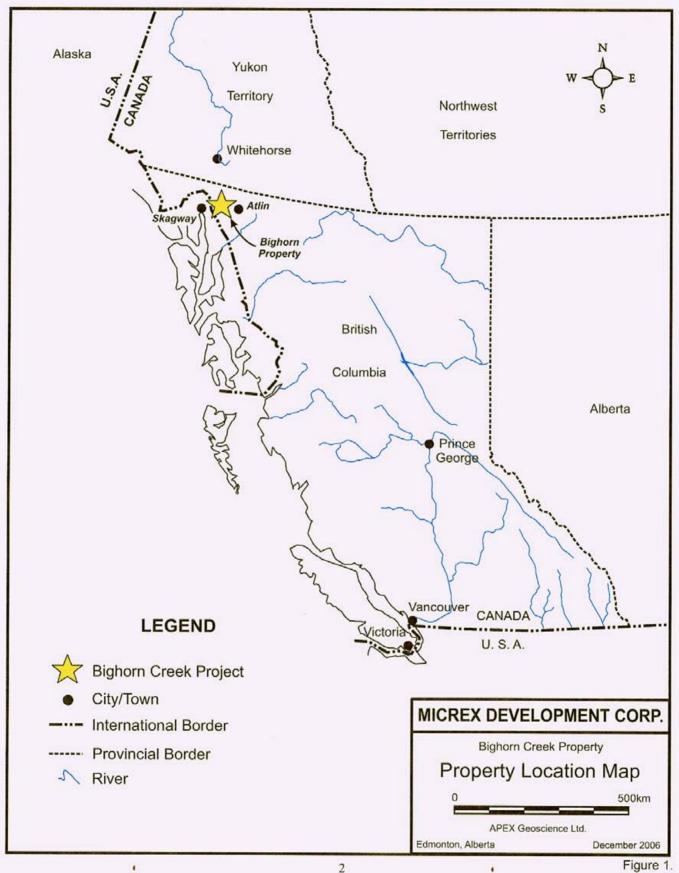
SUMMARY

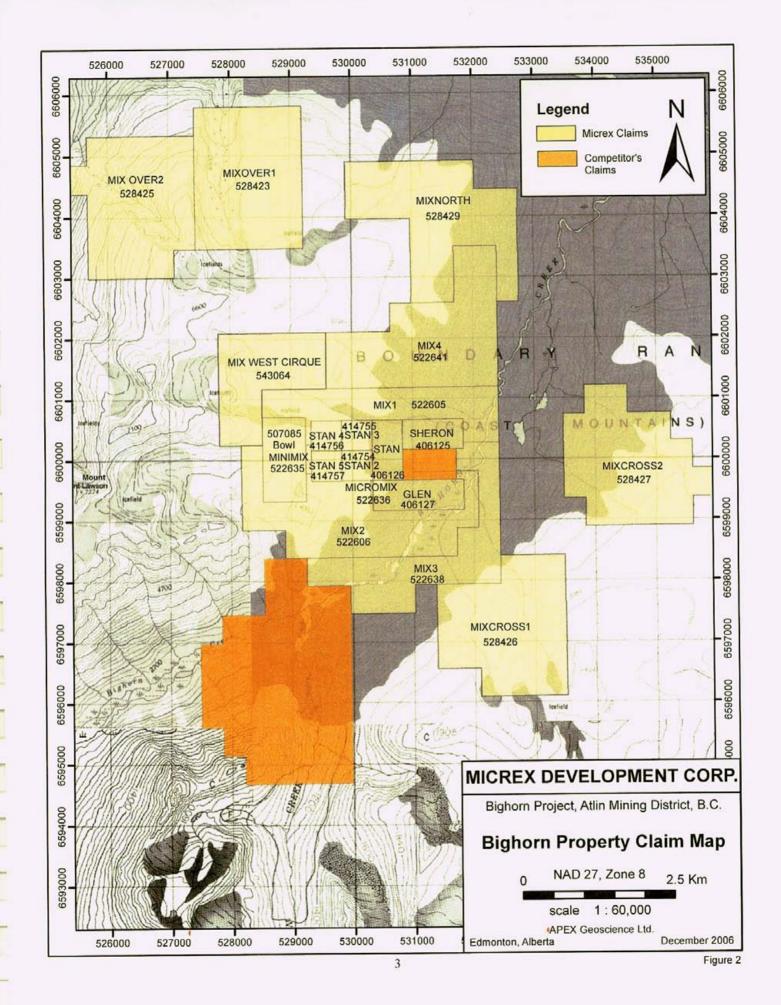
The Bighorn Creek project is located approximately 45 kilometres west of the town of Atlin, in northwest British Columbia, Canada (Figure 1). This area has been the focus of base and precious metal exploration since the turn of the century. The property currently consists of 17 contiguous claims and 3 additional (non-contiguous) claims comprising a total of 4131ha in the immediate area of Bighorn Creek (Figure 2). The claims are registered to various individuals (see Table 1) but are beneficially owned by Micrex Development Corporation of Edmonton, Alberta. The claims surround the auriferous Lawson vein. The immediate vicinity of the Lawson vein, located on Bighorn Creek, has been staked in the past under various claim names including Spokane, Mohawk, Edwin, Norm and Sephil. The project will be referred to as the Bighorn Creek Project throughout this report and the claims will collectively be referred to as the Bighorn Property.

The Bighorn property is being explored for precious metal vein-type mineralization of either mesothermal or epithermal affinity. The property is underlain by hornblende orthogneiss that has undergone Cordilleran deformation and has been intruded by feldspar porphyry dykes. Quartz veins have developed at a late stage within these rocks and contain significant concentrations of gold, with elevated silver, lead, zinc and copper. No significant production has been achieved on the property to date; however, a number of adits have been opened along the Lawson vein, and historical values include 9.4 grams per tonne (g/t) gold (Au) across 0.76 metres and 10.6 g/t Au across 0.91 metres from the "Incline Adit" (see Figure 3).

From September 21 to 25, 2006, APEX Geoscience Ltd. of Edmonton, Alberta, completed preliminary prospecting and sampling on several of the claims comprising the Bighorn Property in order to evaluate the potential for economic precious metal mineralization. A total of 32 rock samples and 10 stream silt sediment samples was collected on the property. Total costs related to exploration conducted by APEX in 2006 were \$25,851.25 (Appendix 1).

Based on the preliminary results of the 2006 exploration and previous work by APEX on the Bighorn Creek Project, further work is warranted. Further prospecting and detailed sampling and mapping is required along the east side of Bighorn Creek opposite the historic workings on the Lawson vein as well as adjacent to granitic intrusions along the western side of the property.





PROPERTY DESCRIPTION AND LOCATION

The Bighorn Project is located on the west side of Bighorn Creek approximately 45 kilometres west of the town of Atlin in northwestern British Columbia, and 48 kilometres east of Skagway, Alaska, U.S.A. (Figure 1). The property is located within the Skagway 1:250 000 scale National Topographic System (NTS) map sheet 104M. More specifically, the property is located within the Fantail Lake 1:50 000 scale NTS map sheet 104 M/9. The claims are located within the Atlin Mining District on British Columbia mineral titles reference map sheet M104M058. A legal claim description for the claims is provided in Table 1, and the claim boundaries are shown on Figure 2.

Table 1. Bighorn Property Claim Information.

Tenure	Claim	Owner *	Owner's Name	Мар	Issued	Expiry	Status	Area
	Name							(ha)
414754	STAN 2	147 <u>087 (100%)</u>	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	25.00
414755	STAN 3	147 <u>087 (100%)</u>	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	25.00
414756	STAN 4	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	25.00
414757	STAN 5	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	25.00
507085	Bowl	147 <u>087</u> (100%)	John Patrick Armstrong	104M	2005/FEB/14	2007/FEB/14	ACTIVE	98.48
406125	SHERON	110482 (100%)	Jenny Ann Gruber	104M058	2003/OCT/20	2014/OCT/20	ACTIVE	50.00
406126	STAN	110483 (100%)	Karl Josef Gruber (Sr)	104M058	2003/OCT/20	2014/OCT/20	ACTIVE	50.00
406127	GLEN	145968 (100%)	Karl Josef (Jr) Gruber	104M058	2003/OCT/20	2012/OCT/20	ACTIVE	75.00
522605	MIX1	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	328.21
522606	MIX2	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	410.44
522635	MINIMIX	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	16.41
522636	MICROMIX	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	16.42
522638	MIX3	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	295.56
522641	MIX4	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	410.12
528423	MIXOVER1	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	409.83
528425	MIX OVER2	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	409.88
528426	MIXCROSS1	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	410.65
528427	MIXCROSS2	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	410.36
528429	MIXNORTH	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	409.91
543064	MIX WEST	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/OCT/12	2007/OCT/12	ACTIVE	229.71
	CIRQUE					1		

claims are beneficially owned by Micrex Development Corporation

ACCESSIBILITY, CLIMATE, LOCAL RESOURCES, INFRASTRUCTURE AND PHYSIOGRAPHY

The Bighorn Property is accessed by helicopter from Atlin, British Columbia. For the 2006 work program, a Bell 206 Jet Ranger was chartered from Discovery Helicopters of Atlin, BC. Alternatively, the area can be accessed by float plane from Atlin or Whitehorse to the east end of Fantail Lake, where a trek of approximately 7 km would be required in order to reach the property on a trail located on the west side of Bighorn Creek (Figure 2). Also, the property area may be accessed from Tagish or Carcross by boat, traveling to the west shore of the Taku Arm of Tagish Lake (Carlyle, 1993a).

The property is situated at the boundary of two geomorphological subdivisions, the Boundary Ranges of the Coast Mountains and the Teslin Plateau of the Intermontane Belt (Mihalynuk, 1999). The Bighorn Property claims are located on the eastern edge of the Boundary Ranges on a steep eastern-facing slope along Bighorn Creek. Elevations range from 800 metres to 1300 metres above sea level (a.s.l.) at the property, and from 700 metres to 2300 metres a.s.l. regionally. Tree line elevations vary from 1100 to 1400 metres a.s.l. with lower slopes timbered by lodgepole pine, spruce, aspen, balsam poplar, black spruce, and hemlock, while near tree line subalpine fir, juniper, and dwarf birch dominate (Mihalynuk, 1999). Bighorn Creek flows to the northeast into the Fantail River, which in turn flows east into Tagish Lake that is part of the extensive headwater reservoir for the Yukon River.

Environment Canada data for Atlin indicate that historical daily mean temperatures range from -16°C (-20°C minimum) in January to +12.5°C (+20°C maximum) in July. The normal work season extends from late May through October (Mihalynuk, 1999). However, work was terminated at the property in late September 2006 as a result of excessive snow fall.

Provincial government services, accommodations, groceries and supplies are available in the town of Atlin, British Columbia.

HISTORY

To facilitate the great influx of gold seekers to the rich gold fields discovered in the Klondike in 1896, a southern rail route was sought from tidewater across the Coast Mountains (Mihalynuk, 1999). Engineers working on this route discovered gold-bearing quartz veins on the east shore of Tagish Lake in 1900. These veins became known as the Engineer Mine, which produced 597,176 grams, or 17,318 ounces (oz), of gold between 1913 and 1932 (Baldys, 1991).

Other gold-bearing quartz veins in the area include the Venus deposit, located north of Tutshi Lake and the Mount Skukum Mine, and northwest of Tagish Lake. The Venus deposit hosts a significant quartz-sulphide vein that averages 0.8 m to 1.0 m in width with a resource estimated at 68,300 tons of 11.03 grams (0.32 oz) per ton of Au, and 306.9 grams (8.9 oz) per ton silver (Morin, 1989). The Mount Skukum Mine also hosts gold in an epithermal quartz-vein which yielded 29,622,270 grams of Au from 201,461 tons of ore before recently closing (Mihalynuk, 1999).

Closer to the currently held Bighorn Property claims, rock samples from the Main and Camp Showings on Teepee Peak, north of Fantail Lake, yielded values up to 10.83 grams (0.31 oz) Au per ton and 147.4 grams (4.27 oz) per ton Ag (Olson, 1987).

In addition to gold, copper deposits are historically significant in the area. The Whitehorse Copper belt's southern-most extension is located just north of Carcross. This belt comprises 28 separate copper-iron skarn deposits that are hosted within the same geological environment as that found in the northern Tagish Lake area. Roughly 10,250,000 tons of ore were mined from the Whitehorse Copper belt between 1967 and 1982 with 2,850,000 tons grading 1.06 percent (%) copper (Cu) and 7,400,000 tons grading 1.5% Cu (Mihalynuk, 1999).

Fueled by the discovery of gold at the Engineer Mine, many prospectors began exploring the area around Tagish Lake. The first intensive prospecting in the vicinity of the present-day Pit Claim was conducted by Mr. Fred Lawson, and associates, during the early 1900's, which led to the staking of the Spokane Group (Baldys, 1991; and Carlyle, 1993a). This group consisted of the Spokane, Mohawk, and Edwin claims, which were trenched and developed with adits between 1921 and 1932. The North Tunnel (830 m a.s.l.), Peter's (at an elevation of 1035 m a.s.l.), Blacksmith (1080 m a.s.l.), and Incline (1265 m a.s.l.) adits traced a quartz vein, with an average exposed width of 1.1 m, over a horizontal distance of 920 m and a vertical distance of 460 m (Carlyle, 1993a). Figure 3 illustrates the historical workings and geology at the Pit Claim.

In 1933, the Spokane Group was bonded to Norgold Mines Limited which later changed its name to Atlin-Pacific Mining Co. Ltd. It was at this time that the quartz vein was channel sampled in six places along underground workings driven from the Incline Adit. The channel samples averaged 9.4 grams (0.27 oz) per ton Au over an average width of 0.76 m (Baldys, 1991). In 1934, an independent engineer obtained assay results of 10.6 grams (0.31 oz) per ton Au over an average width of 0.91 m (Baldys, 1991). Also during 1934, Bobjo Mines acquired an interest in the Atlin-Pacific Mining Co. Ltd. and assumed management of the Spokane Group property until relinquishing its interest in 1935 (Carlyle, 1993a).

In 1975, Lobell Mines Ltd. obtained 20 samples from the property, with 8 samples assaying over 3.45 grams (0.1 oz) per ton Au. The highest value obtained was 17.93 grams (0.52 oz) per ton Au across 1.52 m from the Incline Adit drift (Carlyle, 1993a). Further prospecting was undertaken in 1981 by Silver Ice Mining Ltd., which obtained 20 samples, two of which yielded over 3.45 grams (0.1 oz) per ton Au (Carlyle, 1993a).

In 1985, the British Columbia Ministry of Energy, Mines, and Petroleum Resources sampled the adits on what is currently known as the Pit Claim. These assays returned values as high as 297 grams (8.61oz) per ton Au and 120 grams (3.52 oz) per ton Ag (Carlyle, 1993a).

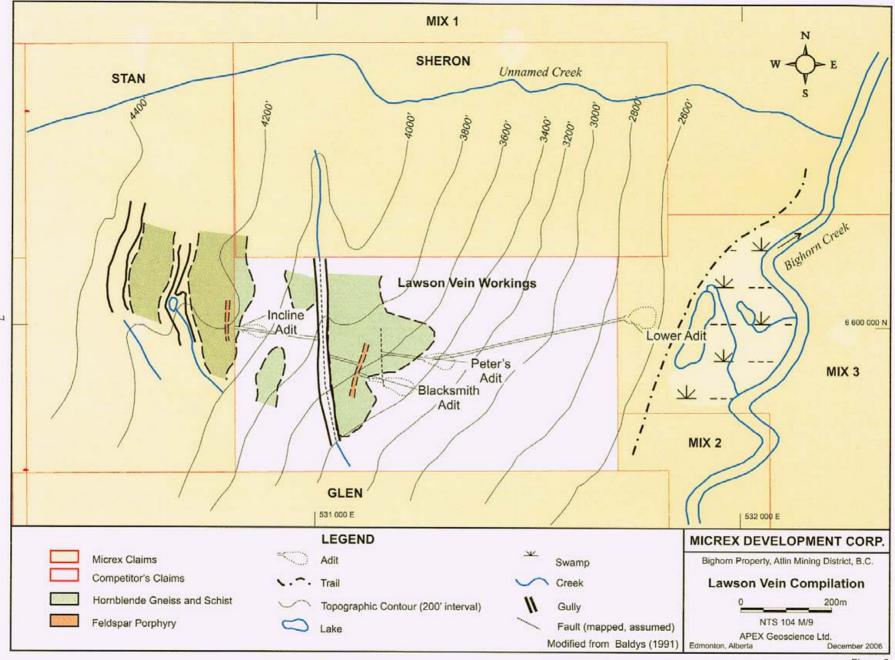


Figure 3

Baldys (1991) collected 29 samples from the Pit claim and conducted geological mapping at the request of the directors of 489166 Alberta Limited (see Figure 3). Of these samples, 11 assayed greater than 0.1 oz/t gold with the highest assay being 0.48 oz/t gold from a 0.8 m thick section of vein in the Blacksmith Adit (Baldys, 1991). The average length-weighted gold grades for samples collected from three of the adits (drifts) were as follows;

Peter's Drift - 0.06 oz/t gold across 1.3 m vein Blacksmith Drift - 0.13 oz/t gold across 0.9 m vein Incline Drift - 0.20 oz/t gold across 1.0 m vein

Based upon the assay results obtained, Baldys (1991) calculated a resource estimate of 76,000 tons of material averaging 0.17 oz/t gold between the Blacksmith and Incline drifts.

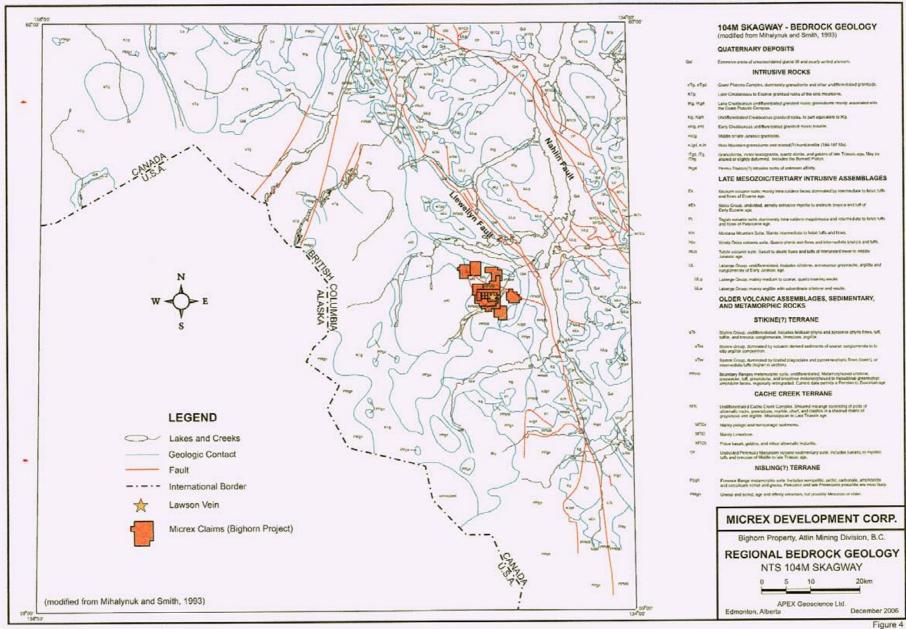
In 1993, Larry Carlyle was retained by L. Whelan and Associates to review all available information regarding the Bighorn Creek Property on behalf of Micrex Development Corporation. Upon reviewing the data from Baldys (1991), Carlyle (1993a) concurred with the reserve calculation arrived at of 76,000 tons grading 0.17 oz/t gold. In addition to data review, Carlyle (1993b) also conducted geological and geophysical exploration over the Lawson vein, which included chip sampling of the existing adits and grab sampling of the adit dumps. The highest assays obtained for the adits were as follows:

North Tunnel Drift – 1.78 oz/t gold Peter's Drift – 0.371 oz/t gold Blacksmith Drift – 0.612 oz/t gold Incline Drift – 1.375 oz/t gold

Additionally, Carlyle (1993b) conducted a short (6 line) Very Low Frequency Electromagnetic (VLF-EM) geophysical survey at an approximate strike of 100° over the Incline Drift. In total, 2400 metres of VLF-EM surveying was completed at 10 metre stations and 50 metre line spacing.

GEOLOGICAL SETTING

The Taku Arm area of Tagish Lake is underlain by Upper Triassic to Middle Jurassic strata of the Whitehorse Trough, Pre-Permian metamorphic rocks of the Yukon Group, and intrusions of the Mid-Jurassic Coast Plutonic Complex (Baldys, 1991; Carlyle, 1993a; Jackaman and Matysek, 1993). The geological setting of the Bighorn Property claims is illustrated on Figure 4.



There are two major subparallel north-northwest-trending faults in the area. The Nahlin Fault marks the western extent of the Cache Creek Terrane, and is a steeply dipping to a vertical fault, or series of faults which have been intermittently active since the Triassic into the Tertiary (Mihalynuk, 1999). The Llewellyn Fault forms the contact between regionally metamorphosed rocks and Mesozoic strata of the Stuhini Group (Mihalynuk, 1999). Similar to the Nahlin Fault, the Llewellyn Fault is believed to have been sporadically active over the Late Triassic into the Tertiary, with displacements being greatest during earlier episodes (Mihalynuk, 1999).

The Bighorn Project is underlain by the meta-intrusive Bighorn Creek Orthogneiss which is found within the Yukon-Tanana Terrane, and contains localized schistose zones (Mihalynuk, 1999). This unit crops out over an area of about eight square kilometres and is characterized by Mihalynuk (1999) as being a well foliated, medium-grained, leucocratic body containing 50% quartz, and 40% feldspar with 6 to 7% combined muscovite, biotite, hornblende, chlorite, and accessory pyrite. Intruding into the orthogneiss are dykes of andesite and feldspar porphyry (Carlyle, 1993a). The feldspar porphyry is composed of phenocrysts of white feldspar in a fine-grained pyroxene-rich matrix.

The rocks within the property strike north-northeasterly and are generally found to be dipping gently to the east. A large north-south striking fault is recognized at an elevation of 1220 metres with a right-handed, horizontal displacement of roughly 75 metres (Carlyle, 1993a).

DEPOSIT TYPES

The goal of exploration efforts at the Bighorn Property is to identify economically viable precious metal-bearing quartz veins. According to Mihalynuk (1999), the quartz veins found on the Pit Claim most closely resemble mesothermal precious metal vein deposits that form at temperatures of 200 to 400°C. Analysis of fluid inclusions from samples of quartz veins give average temperatures of more than 250°C. These veins are podiform, sheared, and concordant with enclosing schists of a transitional greenschist-amphibolite grade (Mihaynuk, 1999). The veins are located along second or third-order structures related to the regional Llewelyn Fault zone.

MINERALIZATION

Mineralization at and near the property consists of mesothermal precious metal-bearing quartz-sulfide veins, which appear to be located along second or third-order structures related to the regional Llewelyn Fault zone. The veins are podiform, sheared, and discordant with enclosing schists of a transitional

greenschist-amphibolite grade (Mihaynuk, 1999 and Baldys, 1991). Numerous small quartz veins were observed around the property. The majority of previous exploration efforts have been focused on the Lawson vein around which the bighorn Property has been staked.

The Lawson vein has been traced intermittently along a horizontal distance of 920 m and a vertical distance of 460 m (Figures 3). The vein strikes roughly east-west and dips 85° to the north. The vein averages 1.1m in thickness and contains pyrite and minor chalcopyrite, galena, sphalerite and native gold. Baldys (1991) notes that the wall rock does exhibit significant alteration or mineralization and that feldspar porphyrytic dykes were observed underground to cross-cut the vein. Baldys (1991) also notes that gold content appears to correlate well with sulfide (pyrite) content, both of which appear to increase in a vertical direction from the Lower adit to the Incline adit.

The most thorough evaluation of the Lawson vein to date was conducted by Baldys (1991), during which a total of 29 chip samples were collected from 3 of the 4 adits. The length-weighted average gold grades are presented below.

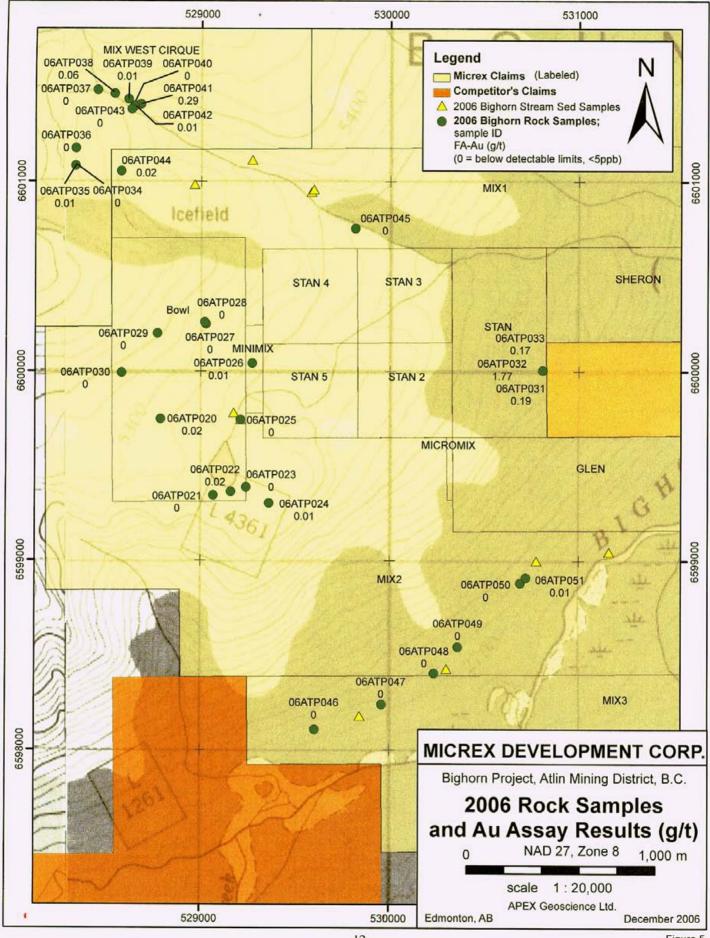
Peter's Drift - 0.06 oz/t gold across 1.3 m, (the vein was sampled over a 135 m horizontal length)

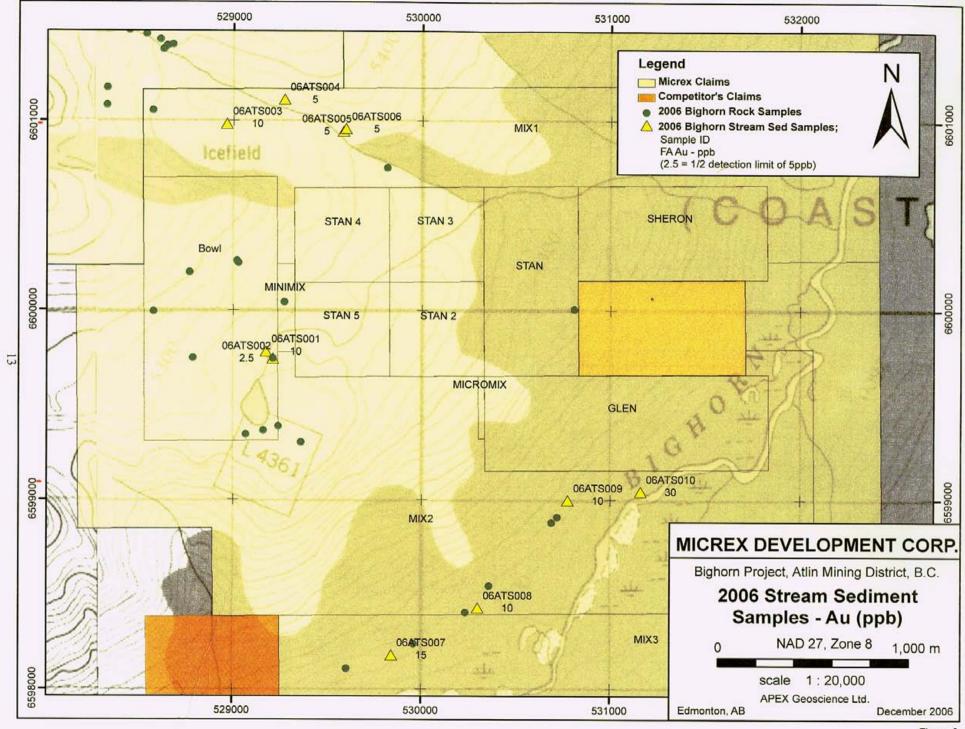
Blacksmith Drift - 0.13 oz/t gold across 0.9 m, (the vein was sampled over a 47 m horizontal length)

Incline Drift – 0.20 oz/t gold across 1.0 m, (the vein was sampled over a 23 m horizontal length)

2006 EXPLORATION

From September 21 to 25, 2006, APEX Geoscience Ltd. conducted exploration at the Bighorn Property on behalf of Micrex Development Corp. The program was intended to evaluate the area around the Lawson vein for evidence of either more high-grade quartz veins, similar to the Lawson vein decribed above, or lower-grade disseminated mineralization. Unfortunately, an early snowfall limited the amount of work that could be completed but four (4) days were spent prospecting the west side of Bighorn Creek. A total of 32 rock grab samples and 10 stream silt sediment samples was collected. Sample information (locations and descriptions) and analytical certificates are appended to this report (Appendix 2 and 3, respectively). Sample locations are shown in Figures 5 and 6.





Overall results from the sampling were somewhat disappointing. The highest gold assay was returned from three samples that comprise chip samples across the western extension of the Lawson Vein. A sample of the 15cm wide quartz vein returned an assay of 1.77gAu/t (06ATP032). Although samples failed to return significant assay results, prospecting in the cirque west of the Lawson Vein identified a large area of weak sulphide mineralization and gossan development within the gneissic rocks adjacent to feldspar porphyry dykes and a granitic intrusion near the western limit of the property. However, the porphyry dykes appear to post-date quartz veining and thus the granitic intrusives are considered to be more prospective in terms of potential controls on mineralization.

INTERPRETATION AND CONCLUSIONS

The amount and extent of alteration identified in 2006 west of Bighorn Creek indicates the possibility of identifying epithermal mineralization in this area. Particular attention should be paid to the identification and examination of intrusive bodies (granites).

RECOMMENDATIONS

Based on the results of the 2006 exploration program, as well as those from previous exploration efforts at the property by APEX and by others, further work is warranted at the Bighorn Property. Detailed mapping and sampling is required on the Bighorn Property to evaluate the area west of Bighorn Creek adjacent to granitic intrusions at the west side of the property. Also, the east side of Bighorn Creek requires prospecting and sampling for a potential extension to the Lawson vein.

APEX GEOSCIENCE LTD.

Andrew J. Turner, P.Geol.

December 30, 2006

STATEMENT OF COSTS

Tables summarizing 2006 exploration expenditures and applied costs per claim are presented in Appendix 1. The field portion of the 2006 exploration program at the Bighorn Property was conducted between September 21 and 25, 2006. Prospecting (i.e. sampling) took place on the MIX 1, MIX2, MIX 3, STAN, BOWL, MINIMIX and the new MIX WEST CIRQUE claims.

Total expenditures for the 2006 exploration program were \$25,851.25 and comprised costs for wages (field and office), sample shipping and analysis, crew accommodations, food and field supplies, equipment rentals and travel. Costs were distributed to each claim by determining the number of samples collected on each and multiplying by the average cost per sample, which represents total expenditures divided by the total number of samples.

The majority of the 2006 expenditures were applicable to the contiguous block of claims that comprise the majority of the Bighorn Property (see Figure 2). These costs were then distributed amongst the contiguous claims as needed and were applied as assessment credit according to the Expenditure Allocation Table. Also included in Appendix 1 is a copy of the confirmation page resulting from the successful filing online, at the BC Mineral Titles website, of the expenditures described in this report.

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CERTIFICATE OF AUTHOR

I, Andrew J. Turner, P.Geol., do hereby certify that:

- I am currently employed as a senior geologist with;
 APEX Geoscience Ltd.
 200, 9797 45 Ave.
 Edmonton, AB
 T6E 5V8
- 2. I graduated with a degree (B.Sc.) in Earth Sciences (Geology) from the University of Alberta, Edmonton, Alberta in 1989 and have practised my profession continuously since 1989.
- 3. I am responsible for the preparation of the report titled Report on 2006 Exploration Activities at the Bighorn Creek Project, Atlin Mining District, British Columbia. NTS 109M/9 and dated December 30, 2006, relating to the Bighorn Creek Project. I visited the property between September 21 and 25, 2006.
- 4. The author has no direct interest in the property that is the subject of this report or the owners thereof.

Andrew J. Turner, P.Geol.

December 30, 2006

APPENDIX 1

2006 Expenditure Summary Tables

2006 Bighorn Expenditure Summary (APEX)

Item			Dates	Days	Rates		Cost
Wages	field (incl. travel)	Andrew Turner	Sept 19 - 27, 2006	9	\$ 550.00	\$	4,950.00
		Jackie Chow	Sept 19 - 27, 2006	9	\$ 400.00	\$	3,600.00
	office (field prep)	Andrew Turner	Sept 18, 2006	1	\$ 400.00	\$	400.00
		Jackie Chow	Sept 17 - 18, 2006	1.75	\$ 200.00	\$	350.00
	office (data comp -	Andrew Turner	part days between	3.25	\$ 400.00	\$	1,300.00
	report writing)		Dec 1-20, 2006		•	*	.,
	, 5,	Carol Andrews	Dec 20, 2006	0.13	\$ 200.00	\$	26.00
			,		, ,,,,,	_	10,626.00
				(hours)		•	.0,020.00
Helicopter		flight time	Sept 21-25	5.6	\$ 965.00	\$	5,404.00
		fuel	Sept 21-25	5.5	* 000.00	\$	708.63
			00012120			\$	6,112.63
						♥	0,112.00
Airfares	(Edmt-Wthrs for A. To	urner and J. Chow)				\$	2,460.68
	misc travel expenses					\$	58.92
	moo waror expenses			i		9	30.32
Accommoda	ations						
	ner and J. Chow	Whitehorse (2 rooms)	Sept 19, 2006	1	\$ 238.00	\$	238.00
,		Atlin	Sept 20 - 25, 2006	6	\$ 85.00	\$	510.00
		miscelaneous (tel, etc.)	Dept 20 - 23, 2000	ı Y	Ψ 00.00	\$	131.52
		Whitehorse (2 rooms)	Sept 26, 2006	1	\$ 238.00	\$	238.00
		miscelaneous (tel, etc.)	Sept 20, 2000	'	Ψ 230.00	\$	77.68
		miscelaneous (tel, etc.)				\$	1,195.20
						Þ	1,195.20
Food/Meals		A. Turner and J. Chow	Sept 20 - 26, 2006			\$	739.21
Shipping	samples					\$	272.80
pp9	field gear				i	\$	580.43
						4	300.43
Analytical		rock grab samples	1	32	\$ 35.00	\$	1,120.00
a.yoa.		stream silt sediment sample) ac	10	\$ 30.00	\$	300.00
		Stream sit scannent sample	-3 	' '	¥ 30.00	\$	1,420.00
						Ð	1,420.00
Rental	hand-held radios		Sept 19 - 25, 2006	7	\$ 10.00	æ	70.00
\c:itai	truck			7 8		\$	
	misc (taxes and fees)		Sept 19 - 27, 2006	•	\$ 90.00	\$	720.00
	inisc (taxes and rees	,			}	\$	49.62
						\$	839.62
Fuel	rental truck					\$	119.05
ield equip	(sample bags, sample	e tags, 2 rock hammers, 1 GF	PS and misc hardware i	items)		\$	1,004.62
misc (APEX	fee)					\$	422.09
TOTAL						_	25,851.25

Samples

32 Rx 10 SS 42 total

^{\$ 615.51 \$/}sample

2006 Bighorn Property Tenures And Expenditures

Tenure	Claim	Owner	Owner	Мар	Date	Date	Status	Mining	Area	Expenditures by	Claim 2006	Work F	Filed (Nov 21,	2006)
Number	Name	ID	Name		Issued	Expiry		Division	(ha)	Samples/claim	\$/claim	Years	Cost	Fees
414754	STAN 2	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	ATLIN	25,000	0	\$0.00		\$0.00	
414755	STAN 3	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	ATLIN	25.000	0	\$0.00		\$0.00	
414756	STAN 4	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	ATLIN	25.000	0	\$0.00		\$0.00	
414757	STAN 5	147087 (100%)	John Patrick Armstrong	104M058	2004/OCT/03	2009/OCT/03	ACTIVE	ATLIN	25.000	0	\$0.00		\$0.00	
507085	Bowl	147087 (100%)	John Patrick Armstrong	104M	2005/FEB/14	2007/FEB/14	ACTIVE	ATLIN	98.482	10	\$6,155.06	2	\$787.86	\$78.89
406125	SHERON	110482 (100%)	Jenny Ann Gruber	104M058	2003/OCT/20	2014/OCT/20	ACTIVE	ATLIN	50.000	0	\$0.00		\$0.00	410.0
406126	STAN	110483 (100%)	Karl Josef Gruber (Sr)	104M058	2003/OCT/20	2014/OCT/20	ACTIVE	ATLIN	50.000	3	\$1,846.52	-	\$0.00	
406127	GLEN	145968 (100%)	Karl Josef (Jr) Gruber	104M058	2003/OCT/20	2012/OCT/20	ACTIVE	ATLIN	75.000	0	\$0.00		\$0.00	
522605	MIX1	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	328.209	6	\$3,693.04	3	\$3,938.51	\$394.21
522606	MIX2	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	410.443	9	\$5,539,55	3	\$4,925.32	\$492.98
522635	MINIMIX	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	16,414	1	\$615.51	3	\$196.97	\$19.7
522636	MICROMIX	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	16.416	0	\$0.00	3	\$196.99	\$19.7
522638	MIX3	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	295.556	3	\$1,846.52	3	\$3,546.67	\$355.00
522641	MIX4	109352 (100%)	Gee Cee Mines Ltd.	104M	2005/NOV/24	2006/NOV/24	ACTIVE	ATLIN	410.123	0	\$0.00	2	\$3,280.98	\$328.55
528423	MIXOVER1	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	ATLIN	409.830	0	\$0.00		non-contiguou	ALTERNATION OF THE PARTY OF
528425	MIX OVER2	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	ATLIN	409.878	0	\$0.00		non-contiguou	
528426	MIXCROSS1	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	ATLIN	410.647	0	\$0.00	2		\$328.97
528427	MIXCROSS2	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	ATLIN	410.355	0	\$0.00	VALUE OF THE	non-contiguou	The state of the s
528429	MIXNORTH	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/FEB/16	2007/FEB/16	ACTIVE	ATLIN	409.912	0	\$0.00	2	man of the last of the last of some last	\$328.38
543064	MIX WEST CIRQUE	109352 (100%)	Gee Cee Mines Ltd.	104M	2006/OCT/12	2007/OCT/12	ACTIVE	ATLIN	229.708	10	\$6,155.06		new claim	
								, ili.	\$4,130.97	42	\$25,851.25		\$23,437.77	\$2,346.41

APNDIX 2

2006 Sample Locations and Descriptions

SampleID	DATE	Location	NTS	E_NAD27	N_NAD27	Zone	Collector	E_83Zn16	N_83Zn16	Claim	Lithology	Magnetism
06ATP020		"Bowl Pond" Area	104M09	528788	6599748	8	AT	1		BOWL	Hbld Gn	n/a
06ATP021	21-Jul-06	"Bowl Pond" Area	104M09	529067	6599345	8	AT	0		BOWL	QFP	n/a
06ATP022	21-Jul-06	"Bowl Pond" Area	104M09	529160	6599365		AT	0		BOWL	Hbld Gn	wk
06ATP023	21-Jul-06	"Bowl Pond" Area	104M09	529241	6599388	8	AT	0		BOWL	Hbld Gn	wk
06ATP024	21-Jul-06	"Bowl Pond" Area	104M09	529362	6599304		AT	0		MIX 2	Hbld Gn	wk
06ATP025	21-Jul-06	"Bowl Pond" Area	104M09	529211	6599745	8	AT	0		BOWL	Qtz Vn	n/a
06ATP026	21-Jul-06	"Bowl Pond" Area	104M09	529272	6600043		ΑT	0		MINIMIX	Bio Gn	mod
06ATP027	21-Jul-06	"Bowl Pond" Area	104M09	529027	6600250		ΑT	0		BOWL	Qtz Vn	n/a
06ATP028	21-Jul-06	"Bowl Pond" Area	104M09	529020	6600260		AT	0		BOWL	Qtz Vn	n/a
06ATP029	21-Jul-06	"Bowl Pond" Area	104M09	528770	6600200		AT	1		BOWL	Hbld Gn	n/a
06ATP030	21-Jul-06	"Bowl Pond" Area	104M09	528580	6599993		AT	1		BOWL	Hbld Gn	n/a
06ATP031		Inclined Adit Area	104M09	530808	6600007		AT	0		STAN	Hbld Gn	n/a
06ATP032		Inclined Adit Area	104M09	530808	6600007		AT	0		STAN	Qtz Vn	n/a
06ATP033		Inclined Adit Area	104M09	530808	6600007		AT	0	· ·	STAN	Hbld Gn	n/a
06ATP034		Mixing Bowl Creek	104M09	528333	6601083		AT	1		W of MIX 1	Qtz Vn	n/a
06ATP035		Mixing Bowl Creek	104M09	528333	6601083		AT	1		W of MIX 1	Hbld Gn	wk
06ATP036		Mixing Bowl Creek	104M09	528335	6601175		AT	1		W of MIX 1	Hbld Gn	wk
06ATP037		Mixing Bowl Creek	104M09	528450	6601480		AT	1		W of MIX 1	Hbld Gn	n/a
06ATP038		Mixing Bowl Creek	104M09	528540	6601460		AT	1		W of MIX 1	Fel Gn	n/a
06ATP039		Mixing Bowl Creek	104M09	528613	6601431		AT	1		W of MIX 1	Fel Gn	n/a
06ATP040		Mixing Bowl Creek	104M09	528650	6601399	. ,	AT	1		W of MIX 1	Fel Gn	n/a
06ATP041		Mixing Bowl Creek	104M09	528679	6601404		AT	1		W of MIX 1	Qtz Vn	n/a
06ATP042		Mixing Bowl Creek	104M09	528645	6601394		AT	1		W of MIX 1	Qtz Vn	n/a
06ATP043		Mixing Bowl Creek	104M09	528630	6601379		AT	1		W of MIX 1	Qtz Vn	n/a
06ATP044		Mixing Bowl Creek	104M09	528575	6601055		AT	1		MIX 1	Qtz Vn	n/a
06ATP045		Mixing Bowl Creek	104M09	529815	6600754		ÀΤ	0		MIX 1	Qtzt (?)	n/a
06ATP046		Bighorn Cr - SW	104M09	529606	6598108		AT	0		MIX 3	Hbld Gn	n/a
06ATP047		Bighorn Cr - SW	104M09	529960	6598240		AT	0		MIX 3	Hbld Gn	n/a
06ATP048		Bighorn Cr - SW	104M09	530235	6598405		AT	0		MIX 2 or 3	Hbld Gn	n/a
06ATP049		Bighorn Cr - SW	104M09	530360	6598545		AT	0	!	MIX 2	Hbld Gn	n/a
06ATP050		Bighorn Cr - SW	104M09	530690	6598881		AT	0		MIX 2	Qtzt (?)	n/a
06ATP051	25-Jul-06	Bighorn Cr - SW	104M09	530720	6598910	8	AT	0		MIX 2	Qtzt (?)	n/a

SampleID	Disposition	Alt'n Type	Grain Size	Vein %	Strike	Dip	Magnetite	Pyrrhotite	Pyrite Arsenopyrit	Moly	Сру	Sph	Other	Quartz	Biotite
06ATP020	fels	sil	med		320	25W	tr		tr-1					20	
06ATP021	fels	prop?	por				tr		tr-1				1	20	20
06ATP022	fels	prop?	med				tr	2-3						20	
06ATP023	bldr	prop?	med				tr	1-2						10	
06ATP024	fels	sil	med		320	30W	tr	1-2						15	
06ATP025	bldr	sil	med					-	tr-1				Ī	80	
06ATP026	bldr	prop?	med	10			tr	3-5						20	
	bldr/fels	sil	med						tr	T				100	
	bldr/fels	sil	med						tr					100	
06ATP029	o/c	prop?	med	10	340	20W	_		tr]	10	
06ATP030	talus	prop?	med				-		tr-1					30	
	o/c	sil	med			40W			tr-1					20	
	1	sil	med	100		80S	_		1-2					98	1
L	o/c	,	med			40W			tr-1					20	1 1
06ATP034	o/c	sil	med	100	20	90			tr			}		100	
		sil	med						tr-1					20	
	L	l	med	10		30NE		1-2	1-2					20	
		L_	med	10		50N			tr					40	1 1
		sil	med	10		50N			1-2				<u></u>	40	
		sil	med	10		20N	,		3-5		L			40	_
		sil	med		130	50N			tr					40	_
			med	20					tr					80	
			med	50				1-2	1-2					100	
06ATP043		sit	med	50	_			1-2	1-2					100	
		sil	med	20			_		tr-1					100	
06ATP045		sil	med					tr						80	
06ATP046	o/c		med	10					tr					20	
06ATP047	o/c	sil	med	10					tr					20	
06ATP048		sil	med						tr					20	
06ATP049		sil	med						tr					20	
		sil	med					tr						40	
06ATP051	o/c	sil	med					tr		1				50	

SampleID	Amphibol	Plag	К-ѕраг	Sericite	Pyroxene	Garnet	Epidote	Carbonate	Chlorite	Other
06ATP020	40	20		-						
06ATP021			60						1-2	
06ATP022	70	10								
06ATP023	60	30								
06ATP024	45	40								
06ATP025	10	10								
06ATP026	60	20								
06ATP027										
06ATP028										
06ATP029	60	30								
06ATP030	40	30				7				
06ATP031	50	30							1-2	
06ATP032										
06ATP033	50	30							1-2	
06ATP034										
06ATP035	50	30							1-2	
06ATP036	40	40					L		1-2	
06ATP037	20	20								
06ATP038	15	20							1-2	
06ATP039	15	20							1-2	
06ATP040	30	30								
06ATP041	10	10								
06ATP042	1									
06ATP043										
06ATP044										
06ATP045		20								
06ATP046	60	20							1-2	
06ATP047	60	20							1-2	
06ATP048	60	20							1-2	
06ATP049	60	20							1-2	
06ATP050	20	40								
06ATP051	10	40								

SampleID	Description
06ATP020	strongly foliated, thinly banded hold gneiss
06ATP021	weakly altr'd lite grey QFP with 30% .5-1cm feld and minor qtz eyes, minor chl - sil alt'n
	strongly foliated, thinly banded hbld-rich gneiss at S end of "Bowl Pond"
	strongly foliated, thinly banded rusty hbld-rich gneiss at S end of "Bowl Pond"
	strongly foliated, thinly banded rusty hbld-rich gneiss with minor qtz vn (qtz sweat), located on top of small knob
	bldrs/rubble white qtz vein with minor Hbld Gn wall rock and tr py
	rusty flt bldr in small creek w/ minor thin qtz vng at 3-5% dis po in thinly banded Bio gneiss
	grey-white glassy qtz vein, rusty, talus?
	grey-white glassy qtz vein, rusty, talus?
06ATP029	hbld-rich gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
	hbld-poor (felsic?) gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
06ATP031	1m chip - strongly foliated, thinly banded rusty sil'd hbld-poor gneiss with, located on top of knob above inclined adit
06ATP032	15cm chip - rusty 15cm qtz vein with 1-2% py in Hbld Gn (appears to be on strike/continuation of the adit vein - but thinner)
06ATP033	.5m chip - strongly foliated, thinly banded rusty sil'd hbld-poor gneiss with, located on top of knob above inclined adit
	bull white qtz vn developed in Hbld Gn/QFP contact of similar orientation, tr sulphide - rocks around vein are somewhat rusty (could be from ma
	strongly foliated, thinly banded (crenulated) rusty hbld-rich gneiss
	strongly foliated, thinly banded (crenulated) rusty hbld-rich gneiss with 2-3% dis py/po
	rusty Hbld-poor Gn
	rusty Hbld-poor (felsic - psammitic) Gn with 1-2% dis py/po and minor thin qtz veins
06ATP039	rusty Hbld-poor (felsic - psammitic) Gn with 3-5% dis py/po and sil'n adjacent to 1.5m wide QFP dyke in creek
	rusty Hbld-poor (felsic - psammitic) Gn with tr dis py/po and sil'n - S side of creek
06ATP041	.15m chip - white (mnr rust) qtz vein with minor Hbld Gn wall rock and tr py
06ATP042	1.0m chip - white (mnr rust) qtz vein, ~2m x 40m, in Hbld-poor Gn wall rock and tr py
06ATP043	1.0m chip - white (mnr rust) qtz vein, ~2m x 40m, in Hbld-poor Gn wall rock and tr py
	irregular white (mnr rust) qtz vein, ~2m x ~1m, in Hbld Gn in contact w/ cut by, QFP, tr py
	felsic gneiss (quartzite?), with tr dis py (minr rusty o/c)
	hbld-rich gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
	hbld-rich gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
06ATP048	hbld-rich gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
	hbld-rich gneiss, thinly banded, minor thin (5-10cm) white qv's - tr py/po
	felsic gneiss (quartzite?), with tr dis py (minr rusty o/c)
06ATP051	felsic gneiss (quartzite?), with tr dis py (minr rusty o/c)

SampleID	Date	Location	NTS	E_NAD27	N_NAD27	Zone	Collector	Claim	Description
06ATS001	21-Jul-06	"Bowl Pond" Area	104M09	529174	6599782	8	AT	BOWL	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS002	21-Jul-06	"Bowl Pond" Area	104M09	529211	6599745	8	AT	BOWL	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS003	23-Jul-06	Mixing Bowl Creek	104M09	528965	6600985	8	AT	MIX 1	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS004	23-Jul-06	Mixing Bowl Creek	104M09	529270	6601114	8	AT	MIX 1	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS005	23-Jul-06	Mixing Bowl Creek	104M09	529583	6600946	8	ΑŤ	MIX 1	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS006	23-Jul-06	Mixing Bowl Creek	104M09	529595	6600960	8	AT	MIX 1	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS007		Bighorn Cr - SW	104M09	529843	6598180	8	AT	MIX 3	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS008	25-Jul-06	Bighorn Cr - SW	104M09	530300	6598430	8	ΑT	MIX 2	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS009	25-Jul-06	Bighorn Cr - SW	104M09	530775	6599000	8	AT	MIX 2	small (<1m) creeks with gravely bottoms (O-C-SIt-Sand = 3-4-2-1)
06ATS010	25-Jul-06	Bighorn Cr - SW	104M09	531160	6599047	8	AT	MIX 2	small (<1m) creeks with gravely bottoms (O-C-Slt-Sand = 3-4-2-1)

^{*} O-C-Slt-S, relative content or Organics, Clays, Silt and Sand in sample

APPENDIX 3

2006 Analytical Certificates



2 - 302 48th Street · Saskatoon, SK · S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.coi

RECEIVED NOV 14 2006



Company:

APEX Geoscience Ltd.

Geologist:

A. Turner

Project:

99105

Purchase Order:

TSL Report:

S21028

Date Received:

Sep 29, 2006

Date Reported:

Oct 05, 2006

Invoice:

40580

Remarks:

Sample Type:

Number 32 Size Fraction

Reject ~ 70% at -10 mesh (1.70 mm) Pulp ~ 95% at -150 mesh (106 µm) Sample Preparation

Crush, Riffle Split, Pulverize Pulp Size requested ~ 1000 g

None

Rock Pulp

0

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams. Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

Au ppb

Initial analysis of sample

Au1 ppb

Repeats that accompany initial analysis, usually two every twenty samples

Au g/t, Au1 g/t

Gravimetric repeats on values in either Au ppb column

AuL-3

Value is based on a 30 gram sample weight Value is based on a 1 AT sample weight

AuM-3

Lower Upper Element Extraction Detection Detection Name Unit Technique Limit Limit Αu ppb Fire Assay/AA 5 3000 Αu g/tonne Fire Assay/Gravimetric 0.10 6500



#2 - 302 48th Street · Saskatoon, SK · S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

APEX Geoscience Ltd. 200 - 9797 - 45th Ave. Edmonton, Alberta T6E 5V8

REPORT No. S21028

SAMPLE(S) OF

32 Rock/0 Pulp

INVOICE #:40580

P.O.:

A. Turner

Project: 99105

	Au	Aul	File
	ppb	ppb	Name
06ATP020	20		S21028
06ATP021	<5		S21028
06ATP022	15		S21028
06ATP023	<5		S21028
06ATP024	5		S21028
06ATP025	<5		S21028
06ATP026	10		S21028
06ATP027	<5		S21028
06ATP028	<5	<5	S21028
06ATP029	<5		S21028
06ATP030	<5		S21028
06ATP031	190		S21028
06ATP032	1770		S21028
06ATP033	170		S21028
06ATP034	<5		S21028
06ATP035	5		S21028
06ATP036	<5		S21028
06ATP037	<5		S21028
06ATP038	55	50	S21028
06ATP039	10		S21028

COPIES TO:

INVOICE TO: Apex Geoscience - Edmonton

Oct 05/06

SIGNED

ssell Fehr - Fire Assay Manager



#2 - 302 48th Street • Saskatoon, SK • S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

APEX Geoscience Ltd. 200 - 9797 - 45th Ave. Edmonton, Alberta T6E 5V8

REPORT No. S21028

SAMPLE(S) OF

32 Rock/0 Pulp

INVOICE #:40580

P.O.:

A. Turner

Project: 99105

	Au	Aul	File
	ppb	ppb	Name
06ATP040	<5		S21028
06ATP041	290		S21028
06ATP042	10		S21028
06ATP043	<5		S21028
06ATP044	15		S21028
06ATP045	<5		S21028
06ATP046	<5		S21028
06ATP047	<5		S21028
06ATP048	<5	<5	S21028
06ATP049	<5		S21028
06ATP050	<5		S21028
06ATP051	5		S21028
AuL-3	1130		S21028
AuL-3	1270		S21028

COPIES TO:

INVOICE TO: Apex Geoscience - Edmonton

Oct 05/06

SIGNED

Russell Fehr - Fire Assay Manager



2 - 302 48th Street · Saskatoon, SK · S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com NOV 1 4 2006

Company:

APEX Geoscience Ltd.

TSL Report:

S21028

Geologist:

A. Turner

Date Received:

Sep 29, 2006

Project:

99105

Date Reported:

Oct 30, 2006

Purchase Order:

Invoice:

40580

Sample Type:

Number

Size Fraction

Sample Preparation

Rock

32

Reject ~ 70% at -10 mesh (1.70 mm)

Crush, Riffle Split, Pulverize

Pulp ~ 95% at -150 mesh (106 µm)

Pulp Size requested ~ 1000 g

iCP-MS Aqua Regia Digestion HCI-HNO₃

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element Name	Lower Detection Limit	Upper Detection Limit	Element Name	Lower Detection Limit	Upper Detection Limit
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm
Al *	0.01 %	10 %	Мо	0.1 ppm	2000 ppm
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm
B *	1 ppm	2000 ppm	P*	0.001%	5 %
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm
Cr *	1 ppm	10000 ppm	Sr *	1 ppm	10000 ppm
Cu	0.1 ppm	10000 ppm	Те	1 ppm	2000 ppm
Fe *	0.01%	40 %	Th. *	0.1 ppm	2000 ppm
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %
Hg	0.01 ppm	100 ppm	TI	0.1 ppm	1000 ppm
κŤ	0.01%	10 %	U*	0.1 ppm	2000 ppm
La'	1 ppm	10000 ppm	٧*	2 ppm	10000 ppm
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm
Ū		7- 11	Zn	1 ppm	10000 ppm

TSL LABORATORIES INC.

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 99105 Sample: 32 Rock

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No:

S21028

Date:

October 30, 2006

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element Sample	Ag ppm	Ai %	As	Au	В	Ва	ВІ	Ça %	Cd	Co	Cr	Cu	Fe %	Ga	Hg	K %	La	Mg %	Mn	Mo	Na %	Ni ppm	P %
Sample	ppiii	70	bbw	dqq	ppm	ppm	ppm	76	ppm	ppm	ppm	ppm	79	ppm	ppm	70	ppm	/0	ppm	ppm	70	ppm	/6
06ATP020	0.3	1.44	<.5	10.6	<1	143	0.2	1.06	0.1	21.9	15.0	179.0	3.17	4	<.01	0.47	2	0.78	471	0.3	0.127	7.5	0.069
06ATP021	0.2	2.43	<.5	1.8	<1	124	0.2	0.88	0.4	4.1	14.0	40.1	3.20	7	<.01	0.31	18	0.62	407	2.8	0.157	6.2	0.044
06ATP022	0.5	2.14	16.4	12.3	<1	107	0.2	5.93	0.6	22.8	3.0	133.1	6.15	6	<.01	0.43	2	1.86	1419	8.0	0.103	13.4	0.087
06ATP023	0.1	3.03	<.5	<.5	<1	82	0.3	0.24	0.3	16.1	75.0	41.6	5.10	8	<.01	1.00	17	1.36	219	1.2	0.033	57.5	0.048
06ATP024	0.2	0.73	7.0	3.4	<1	28	0.5	0.22	<.1	5.8	5.0	25.2	3.93	5	<.01	0.15	11	0.31	252	2.8	0.050	3.0	0.066
06ATP025	<.1	0.34	0.7	<.5	<1	21	<.1	0.04	<.1	1.9	12.0	6.4	1.15	1	<.01	0.07	5	0.20	163	0.3	0.025	2.7	0.004
06ATP026	0.4	2.00	< 5	3.9	<1	36	0.2	0.99	1.1	9.5	11.0	44.0	3.66	5	<.01	0.16	14	0.52	350	13.3	0.135	20.8	0.046
06ATP027	0.1	0.08	0.9	1.3	<1	88	<.1	0.02	<.1	1.2	14.0	9.1	1.07	<1	<.01	0.03	1	0.02	68	0.7	0.006	3.6	0.004
06ATP028	<.1	0.12	0.9	<.5	<1	186	<.1	0.06	<.1	0.5	10.0	4.8	0.79	<1	<.01	0.04	2	0.07	63	0.3	0.006	3.4	0.026
06ATP029	<.1	1.25	<.5	<.5	<1	157	0.1	0.26	0.1	3.1	8.0	30.7	2.47	6	<.01	0.59	18	0.45	435	0.4	0.080	1.9	0.031
06ATP030	0.1	0.85	1.0	2.7	<1	60	0.2	0.17	<.1	1.0	12.0	12.0	1.97	4	<.01	0.26	21	0.37	271	2.3	0.041	1,4	0.028
06ATP030 Re	0.1	0.84	0.7	4.0	1	60	0.2	0.17	<.1	1.0	11.0	12.6	1.97	4	<.01	0.26	21	0.37	276	2.6	0.044	1.5	0.028
06ATP031	0.3	0.74	2.1	87.0	<1	69	0.4	0.73	<.1	4.3	8.0	5.4	2.98	3	<.01	0.39	20	0.45	741	0.9	0.068	4.3	0.042
06ATP032	2.2	0.20	6.3	1286.2	<1	108	0.5	0.01	4.9	4.9	12.0	17.8	1.67	7	0.06	0.17	7	0.02	53	3.1	0.008	15.7	0.004
06ATP033	0.3	0.57	0.8	102.6	<1	65	0.2	0.25	0.4	4.4	58.0	73.2	3.07	3	<.01	0.25	20	0.33	645	3.8	0.036	6.1	0.030
06ATP034	0.1	0.28	4.9	4.9	<1	205	0.1	0.03	<.1	1.0	177.0	10.2	1.01	1	<.01	0.03	2	0.30	122	0.5	0.008	7.4	0.010
06ATP035	0.3	0.93	0.9	5.4	<1	96	0.2	0.29	0.2	7.1	464.0	57.7	2.55	5	<.01	0.09	4	0.90	340	5.7	0.044	30.9	0.072
06ATP036	0.2	0.42	10.4	0.8	1	782	0.1	0.03	0.1	3.3	380.0	22.7	1.28	2	<.01	0.14	3	0.30	139	3.7	0.014	19.5	0.011
06ATP037	< 1	0.81	0.5	2.1	1	87	0.1	0.10	<.1	2.4	204.0	21.5	1.78	4	<.01	0.32	13	0.39	273	7.2	0.050	4.8	0.023
06ATP038	1.4	0.25	159.3	54.3	<1	80	0.8	0.02	<,1	1.5	245.0	53.9	3.37	1	0.01	0.20	9	0.03	57	27.6	0.028	5.2	0.022
06ATP039	0.2	1.05	4.8	4.6	1	103	0.1	0.25	0.1	9.6	258.0	42.0	2.54	5	<.01	0.10	4	0.95	486	3.2	0.040	28.0	0.034
06ATP040	0.3	0.91	2.2	3.6	<1	93	0.1	0.29	1.2	5.6	333.0	27.9	1.72	3	<.01	0.20	4	0.59	215	4.2	0.053	21.3	0.019
06ATP041	0.3	0.92	1.8	154.0	<1	54	2.0	0.62	0.1	12.3	338.0	72.7	1.96	3	<.01	0.09	10	0.31	232	4.3	0.102	24.8	0.038
06ATP042	0.4	0.36	15.7	9.4	<1	116	0.3	0.60	0.5	5.2	369.0	45.9	1.78	1	<.01	0.14	5	0.19	341	6.3	0.026	18.6	0.018
06ATP043	0.3	0.84	17.7	4.7	<1	145	0.1	1.07	1.8	8.3	317.0	16.2	2.19	2	<.01	0.15	5	0.86	540	6.3	0.031	35.0	0.045
06ATP044	0.1	0.52	<.5	13.8	<1	16	0.1	0.57	0.1	5.8	460.0	68.8	1.90	2	<.01	0.04	1	0.15	202	4.6	0.027	12.1	0.022
06ATP045	< 1	0.18	8.0	1.7	<1	23	0.4	0.03	<.1	1.2	331.0	7.0	0.78	1	<.01	0.12	10	0.01	137	3.1	0.036	7.8	0.002
06ATP046	<.1	1.60	<.5	<.5	<1	214	0.1	0.93	0.1	15.3	68.0	10.1	4.50	8	<.01	0.53	7	1.49	827	0.8	0.129	1.7	0.129
06ATP047	<.1	1.91	<.5	<.5	<1	290	<.1	0.10	<.1	4.7	237.0	11.0	3.14	10	<.01	1.33	20	1.08	753	3.6	0.055	5.7	0.045
06ATP048	<.1	0.34	<.5	<.5	<1	70	0.1	0.02	<.1	1.1	208.0	4.9	0.76	1	<.01	0.17	21	0.05	75	4.8	0.049	4.0	0.015
06ATP049	<.1	0.05	< 5	2.9	<1	2	<.1	0.01	<.1	0.9	344.0	3.2	0.43	<1	<.01	<.01	<1	0.04	62	8.0	0.002	6.7	0.001
06ATP050	<,1	0.36	<.5	0.5	<1	93	<.1	0.01	<.1	1.0	132.0	2.5	0.81	1	<.01	0.19	31	0.02	125	3.1	0.054	2.4	0.006
06ATP051	<.1	0.17	< 5	4.7	<1	75	0.9	0.02	<.1	0.6	74.0	2.2	0.67	1	<.01	0.09	17	0.04	60	1.6	0.037	1.5	0.003
Std DS7	1.0	1.00	47.3	56.4	36	376	4.5	0.94	6.4	9.4	172.0	104.0	2.36	5	0.20	0.43	13	1.05	630	20.5	0.081	53.2	0.076

Page 1 of 2

inner!

A 0.5 g sample is digested with 3 ml 3:1 HCl-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Mark Acres - Quality Assurance

TSL LABORATORIES INC.

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 99105 Sample: 32 Rock

2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	s	Sb	Sc	Se	Sr	Те	Th	Ti	TI	U	v	w	Žn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
·				• • •	• • •	• •	• • •	• • •		• • •	• • •		***	• • •
06ATP020	3.2	0.22	0.1	48	1.0	41	<1	0.6	0.181	0.1	0.2	67	0.2	30
06ATP021	8.6	0.17	0.1	4.8	2.0	69	<1	9.5	0.125	0.1	3.0	76	1.7	57
06ATP022	11.8	0.65	0.2	13.3	1.2	192	<1	0.5	0.129	0.1	0.2	176	1.9	98
06ATP023	10.0	0.71	0.1	5.2	2.3	26	<1	10.6	0.157	0.5	2.0	158	0.1	164
06ATP024	10.9	1.62	0.2	3.9	2.6	8	<1	6.1	0.091	0.1	0.9	40	0.3	18
06ATP025	1.1	<.05	<.1	0.8	<.5	3	<1	1.4	0.009	<.1	0.2	10	<.1	21
06ATP026	6.9	1.60	0.1	3.7	4.3	61	<1	9.1	0.115	0.1	2.5	64	0.5	82
06ATP027	0.4	<.05	0.1	0.2	0.6	1	<1	0.2	0.001	<.1	0.2	3	0.1	4
06ATP028	0.5	<.05	<.1	0.5	<.5	3	<1	0.3	0.004	<.1	0.2	8	< 1	4
06ATP029	3.7	<.05	<.1	5.0	<.5	13	<1	6.0	0.134	0.1	2.1	9	0.1	57
06ATP030	5.7	0.21	0.1	2.7	1.0	28	<1	10.2	0.080	0.1	1.8	17	0.2	22
06ATP030 Re	5.7	0.21	0.1	2.7	0.9	30	<1	10.5	0.083	0.1	1.7	18	0.2	22
06ATP031	16.7	0.92	0.1	2.1	<.5	14	<1	8.5	0.030	0.1	0.5	12	1.8	51
06ATP032	250.6	0.75	1.9	0.4	<.5	4	<1	2.1	0.001	<.1	0.1	2	0.3	387
06ATP033	12.7	0.37	0.1	1.8	<.5	7	<1	7.9	0.021	0.1	0.7	3	0.6	80
06ATP034	1.7	<.05	0.2	1.3	<.5	2	<1	0.7	0.004	<.1	0.1	39	Ð, T	14
06ATP035	4.2	0.79	0.1	7.6	3.4	12	<1	1.8	0.101	<.1	1.0	108	0.3	60
06ATP036	2.3	0.10	1.4	1.6	0.7	6	<1	0.6	0.018	< 1	0.2	22	0.1	18
06ATP037	4.0	<.05	0.1	4.1	0.5	5	<1	6.4	0.085	0.1	1.0	7	0.1	26
06ATP038	15.4	0.13	2.8	1.3	3.6	8	<1	5.0	0.001	<.1	0.5	5	0.3	6
06ATP039	3.5	0.57	0.1	6.7	1.2	10	<1	1.5	0.148	<.1	1.7	80	2.1	61
06ATP040	4.2	0.64	0.2	3.8	1.4	21	<1	1.9	0.055	0.1	1.2	41	0.5	69
06ATP041	2.5	0.61	0.4	2.6	1.8	34	1	3.1	0.109	<.1	0.7	33	0.6	17
06ATP042	8.8	0.58	1.1	2.4	1.1	23	<1	2.4	0.001	<.1	0.9	8	0.4	43
06ATP043	25.0	0.18	0.7	4.4	1.1	32	<1	1.3	0.012	<.1	8.0	44	0.5	79
06ATP044	1.4	0.41	0.1	1.4	0.6	15	<1	0.3	0.047	<.1	0.2	22	0.4	12
06ATP045	3.0	<.05	0.1	0.2	<.5	3	<1	12.7	0.002	<.7	1.7	<1	0.1	4
06ATP046	0.9	<.05	0.1	8.2	<.5	8	<1	1.2	0.161	0.1	0.3	163	0.4	60
06ATP047	7.0	<.05	< 1	4.7	<.5	5	<1	7.2	0.180	0.3	1.1	23	0.4	107
06ATP048	1.4	<.05	0.3	0.4	<.5	3	<1	9.3	0.003	<.1	1.1	1	0.1	11
06ATP049	0.5	<.05	<.1	0.2	<.5	<1	<1	0.1	0.001	<.1	<.1	1	0.1	3
06ATP050	0.5	<.05	<.1	0.4	<.5	3	<1	10.7	0.002	<.1	1.0	1	0.2	9
08ATP051	2.1	<.05	0.1	0.4	<.5	2	<1	10.8	0.003	0.1	0.8	1	0.5	7
Std DS7	68.7	0.19	5.4	2.5	3.4	74	1	4.7	0.125	4.2	5.1	79	3.7	404

Signed: Mark Acres - Quality Assurance

Report No:

Date:

S21028

October 30, 2006

A 0.5 g sample is digested with 3 ml 3:1 HCI-HNO3 at 95C for 1 hour and diluted to 15 ml with D.I. H2O.

Page 2 of 2



2 - 302 48th Street • Saskatoon, SK • S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:

APEX Geoscience Ltd.

Geologist:

A. Turner

Project:

99105

Purchase Order:

AG00603

TSL Report:

S21336

Date Received:

Nov 14, 2006

Date Reported:

Nov 17, 2006

Invoice:

40987

Remarks:

Sample Type:

Number

Size Fraction

Sample Preparation

Silt

10

-80 mesh

Dry, Screen

Standard Procedure:

Samples for Au Fire Assay/AA (ppb) are weighed at 30 grams. Samples for Au Fire Assay/Gravimetric (g/tonne) are weighed at 1 AT (29.16 grams).

			Lower	Upper
Element		Extraction	Detection	Detection
Name	Unit	Technique	Limit	Limit
Au	ppb	Fire Assay/AA	5	3000
Au	g/tonne	Fire Assay/Gravimetric	0.03	100%



#2 - 302 48th Street · Saskatoon, SK · S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

CERTIFICATE OF ANALYSIS

SAMPLE(S) FROM

APEX Geoscience Ltd. 200 - 9797 - 45th Ave. Edmonton, Alberta T6E 5V8

REPORT No. S21336

SAMPLE(S) OF

10 Silt/0 Pulp

INVOICE #:40987 P.O.: AG-00603

A. Turner

Project: 99105

	Au ppb	Aul ppb	File Name
06ATS001	10		S21336
06ATS002	<5		S21336
06ATS003	10		S21336
06ATS004	5		S21336
06ATS005	5	<5	S21336
06ATS006	5		S21336
06ATS007	15		S21336
06ATS008	10		S21336
06ATS009	10		S21336
06ATS010	30		\$21336
GS-1B	1070		S21336

COPIES TO: A. Turner

INVOICE TO: Apex Geoscience - Edmonton

Nov 17/06

Mark Acres - Quality Assurance



2 - 302 48th Street • Saskatoon, SK • S7K 6A4 P (306) 931-1033 F (306) 242-4717 E info@tsllabs.com

Company:

APEX Geoscience Ltd.

S21336

Geologist:

A. Turner

TSL Report:

Nov 14, 2006

Project:

99105

Date Received: Date Reported:

Dec 08, 2006

Purchase Order:

AG-00603

Invoice:

40987

Sample Type:

Number 10

Size Fraction

Sample Preparation

Silt

-80 mesh

Dry, Screen

ICP-MS Aqua Regia Digestion HCI-HNO₃

The Aqua Regia Leach digestion liberates most of the metals except those marked with an asterisk where the digestion will not be complete.

Element	Lower Detection	Upper Detection	Element	Lower Detection	Upper Detection		
Name	Limit	Limit	Name	Limit	Limit		
Ag	0.1 ppm	100 ppm	Mn *	1 ppm	50000 ppm		
ΑĪ*	0.01 %	10 %	Mo	0.1 ppm	2000 ppm		
As	0.5 ppm	10000 ppm	Na *	0.001%	10 %		
Au	0.5 ppb	100 ppm	Ni	0.1 ppm	10000 ppm		
B *	1 ppm	2000 ppm	₽*	0.001%	5 %		
Ba *	1 ppm	1000 ppm	Pb	0.1 ppm	10000 ppm		
Bi	0.1 ppm	2000 ppm	S	0.05 %	10 %		
Ca *	0.01%	40 %	Sb	0.1 ppm	2000 ppm		
Cd	0.1 ppm	2000 ppm	Sc	0.1 ppm	100 ppm		
Co	0.1 ppm	2000 ppm	Se	0.5 ppm	1000 ppm		
Cr *	1 ppm	10000 ppm	Sr*	1 ppm	10000 ppm		
Cu	0.1 ppm	10000 ppm	Te	1 ppm	2000 ppm		
Fe *	0.01%	40 %	Th *	0.1 ppm	2000 ppm		
Ga *	1 ppm	1000 ppm	Ti *	0.001%	10 %		
Hg	0.01 ppm	100 ppm	Ti	0.1 ppm	1000 ppm		
K *	0.01%	10 %	U*	0.1 ppm	2000 ppm		
La *	1 ppm	10000 ppm	V*	2 ppm	10000 ppm		
Mg *	0.01%	30 %	W *	0.1 ppm	100 ppm		
-			Zn	1 ppm	10000 ppm		

TSL LABORATORIES INC.

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 99105 Sample: 10 Silt 2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

Report No:

S21336

Date: December 08, 2006

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Ag	Ai	As	Au	В	Ba	Bi	Ca	Cd	Со	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P
Sample	ppm	%	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	þþm	ppm	%	ppm	%
06ATS001	0.6	2.74	4.1	6.2	1	282	0.1	0.88	0.5	21.1	62.0	81.7	4.30	10	0.04	0.45	12	1.99	592	1.1	0.023	29.9	0.104
06ATS002	0.3	1.58	14.1	6.2	2	178	0.3	0.88	1.2	20.1	51.0	69.7	3.60	6	0.05	0.20	12	1.06	2892	6.5	0.015	22.9	0.135
06ATS003	0.1	2.34	7.7	3.4	1	375	0.1	0.68	0.3	23.8	54.0	69.1	4.46	8	<.01	0.87	9	2.16	735	0.5	0.040	30.1	0.106
06ATS004	0.1	1.15	6.7	2.4	<1	180	0.1	0.63	0.1	13.6	27.0	40.4	2.42	4	<.01	0.30	8	0.95	363	0.4	0.029	15.6	0.165
06ATS005	<.1	1.99	3.6	1.3	<1	277	0.1	0.55	0.1	18.2	43.0	57.9	3.85	7	<.01	0.67	9	1.76	725	0.2	0.022	22.1	0.135
06ATS006	<.1	1.28	6.5	2.0	<1	187	0.1	0.58	0.2	13.3	27.0	41.5	2.55	4	<.01	0.32	8	1.05	435	0.4	0.027	16.4	0.139
06AT\$007	0.2	0.99	<.5	3.0	2	202	0.2	1.39	0.8	6.9	17.0	74.5	2.11	4	0.03	0.16	16	0.70	721	3.6	0.014	8.6	0.088
06ATS008	0.1	0.87	<.5	2.4	1	124	0.2	0.82	0.2	7.3	20.0	30.0	2.60	4	0.02	0.10	15	0.54	505	2.9	0.011	7.0	0.087
06ATS009	0.1	1.30	0.7	2.5	<1	148	0.2	0.78	0.2	10.8	45.0	29.6	2.72	4	0.01	0.22	32	0.92	750	6.1	0.015	18.6	0.089
06ATS010	<.1	1.13	1.0	1.9	<1	148	0.1	0.44	0.1	8.2	32.0	16.4	2.71	4	0.01	0.19	17	0.64	474	2.1	0.016	11.4	0.066
Std DS7	0.9	1.01	47.1	85.9	41	381	4.3	0.95	6.3	9.6	194.0	103.9	2.41	5	0.20	0.45	12	1.06	635	20.9	0.086	55.1	0.078

Signed:

TSL LABORATORIES INC.

APEX Geoscience Ltd.

Attention: M. Dufresne

Project: 99105 Sample: 10 Silt 2 - 302 48th Street East, Saskatoon, Saskatchewan, S7K 6A4

Tel: (306) 931-1033 Fax: (306) 242-4717

S21336

Date: December 08, 2006

Report No:

MULTIELEMENT ICP-MS ANALYSIS

Aqua Regia Digestion

Element	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	TI	Ų	V	W	Zn
Sample	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
06ATS001	11.2	0.20	0.1	8.2	2.3	37	<1	2.1	0.191	0.3	9.6	104	0.3	131
06ATS002	17.8	0.19	0.2	4.4	6.1	31	<1	2.1	0.065	0.3	18.7	82	0.7	90
06ATS003	6.9	<.05	0.1	8.4	<.5	27	<1	2.6	0.260	0.3	1.4	124	0.3	85
06ATS004	4.8	<.05	0.2	4.0	<.5	21	<1	2.9	0.106	0.1	1.3	67	0.3	41
06AT\$005	5.1	<.05	0.1	7.0	<.5	21	<1	2.8	0.206	0.2	1.0	101	0.3	65
06ATS006	5.2	0.06	0.2	4.2	0.5	21	<1	2.6	0.114	0.1	1.5	66	0.3	44
06ATS007	6.0	0.17	0.2	2.2	3.3	83	<1	1.4	0.058	0.1	17.0	40	0.3	81
06ATS008	6.6	0.11	0.9	2.1	2.7	41	<1	1.8	0.048	0.1	9.6	60	0.3	59
06ATS009	5,5	0.08	0.1	3.1	0.5	37	<1	3.6	0.071	0.2	12.1	48	0.3	55
06ATS010	4.8	<.05	0.1	2.4	<.5	29	<1	6.0	0.083	0.1	6,0	62	0.7	43
Std DS7	66.2	0.22	5.5	2.6	3,6	74	1	4.2	0.127	4.3	4.7	86	3.9	402

Mo

Signed: ______ Mark Acres - Quality Assurance