AURCHEM EXPLORATION LTD.
26 LIARD ROAD
WHITEHORSE, YUKON TERRITORY
Y1A 3L4

094238

DISCOVERY CREEK PROJECT

FEBRUARY - NOVEMBER 2001
GEOLOGICAL, GEOCHEMICAL AND TRENCHING

ON THE

VIC, WEDGE 12 AND BULL 4
MINERAL CLAIMS

In The

WHITEHORSE MINING DISTRICT

YUKON TERRITORY

NTS 115 I/3
Latitude 62°07' N Longitude 137°08'W

R. Stroshein, P. Eng.

November 30, 2001

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 11,900.00.

M. B.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENTS

LIST OF FIGURES

1.0 SUMMARY

The Discovery Creek Project, located in the Mount Nansen area of Central Yukon encompasses a significant number of gold-silver mineralized occurrences. Exploration including geochemical soil sampling, geological mapping, ground and airborne geophysical surveys, trenching, reverse circulation drilling and diamond drilling has been carried out on mineralized occurrences throughout the property.

A program of prospecting, reconnaissance soil sampling and excavator trenching was carried out in 2001.

Prospecting and soil sampling on the Vic claims confirmed the location of a quartz-feldspar porphyry stock northwest of Iron Creek. Results do not indicate significant alteration or mineralization.

Trenching on the Wedge 12 claim partially outlined an extensive alteration system consisting of a weakly silicified breccia zone flanked by a pyritic alteration zone. Gold and silver values are anomalous but sub-economic.

A 1994 trench on the Eliza Creek extension zone (Bull 4) was re-opened for mapping and sampling. The mapping indicates that there are at least two separate faults offsetting the gold-silver mineralization. The northeast and east-northeast faults were not identified in the area previously. The faults have disrupted the mineralized breccia intersected in the prior drilling on the zone and are important factors determining the offsets to the mineralized zone.

2.0 INTRODUCTION

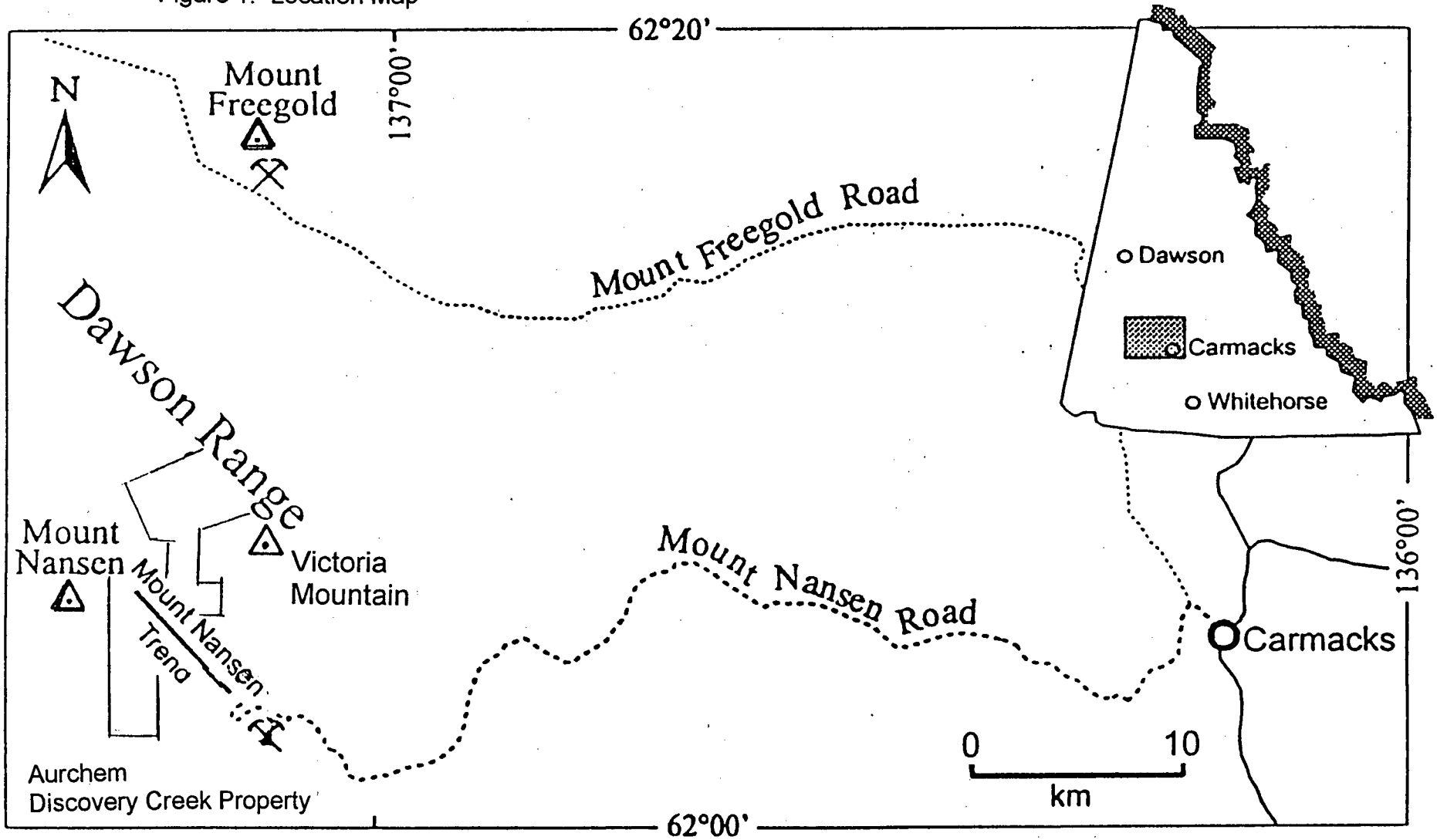
A limited exploration program carried out in 2001 attempted to find new targets from compilation of the extensive exploration data generated in the past 20 years and to examine the structure exposed in outcrop or previous exploration workings. Exploration reports and data were recovered from the BYG Natural Resources Inc. offices at Mount Nansen in February. The Discovery Creek property had been optioned to BYG and the reports and data had been in their care until the option was terminated. A review of the exploration data was undertaken to identify areas of potential interest.

The review of the Vic claims indicated an area underlain by quartz-feldspar porphyry that was reflected in the airborne radiometric survey and was a potential source for anomalous silt sediment samples in the downstream drainage. Geological mapping had previously identified a northeast trending fault zone near the headwaters of Iron Creek cross cutting the overlying Mount Nansen volcanics.

A small exposure in a road cut near the headwaters of Summit Creek contained a weakly silicified breccia in quartz-feldspar porphyry that contained anomalous gold-silver values. The excavator extended the roadside exposure and the removed material was used to repair the section of road. Three separate trenches were excavated along lines south of the road cut. Bedrock was exposed in areas that had previously been disturbed on surface but permafrost was encounter in the undisturbed organic covered areas. The up-slope trenches have been backfilled.

Drill and trench results at the Eliza Creek Extension zone had indicated a strongly mineralized but discontinuous quartz-tourmaline breccia body that had been difficult to correlate across the drill sections. Faulting in the district was known to be post-mineralization and faults that had been previously outlined were extrapolated from other areas. Section 44 N was chosen for examination because an intersection at depth in RC drill hole 94-7A yielded an assay average of 3.62 g/t gold over an interval of 15.2 metres. The shallow drill hole RC 94-31 drilled almost directly beneath the trench did not intersect the mineralized zones corresponding to the mineralization exposed in the trench. This appeared to be an ideal location to determine if faulting was present to explain the discontinuity of the mineralization.

Figure 1. Location Map



2.1 Property Location and Access

The Discovery Creek property (Latitude: 62° 07' N, Longitude: 137° 08' W) is located approximately 65 kilometres west of Carmacks in South Central Yukon Territory. Figure 1.

The property is accessible by a gravel road from Carmacks and within the property a network of roads and trails provides access to all of the workings and showings on the claims.

2.2 Property Description

The Discovery Creek project consists of 368 quartz mineral claims and 7 mineral leases. The outline of the property is outline in Figure 2. The detailed listing of claims and expiry dates are included in Appendix 2.

3.0 HISTORY

Placer gold was discovered on Nansen Creek in 1899. Placer mining has been carried out intermittently on the creeks in the area since 1910. Lode gold was discovered at the nearby Brown-McDade deposit in 1943 that led to the discovery of numerous other deposits in the district.

From 1946 to 1975 several corporate groups undertook mining and development of the Brown-McDade, Webber and Huestis deposits in the southern portion of the district. Gold recoveries were poor but confirmed the presence of high-grade gold-silver deposits in the district.

During the 1970's exploration for porphyry copper-molybdenum mineralization centred on the Mount Nansen Porphyry complex in the central portion of the property. Widespread drilling confirmed the presence of a large low-grade porphyry mineralized system in the area at the headwaters of Nansen and Victoria Creeks and their tributaries.

Exploration resumed in the 1980's that ultimately lead to the development of an open pit mining operation on the Brown-McDade deposit. The operation produced approximately 37,500 ounces of gold and 142,000 ounces of silver between 1996 and 1999. Other exploration companies were active during this period exploring the claims that now comprise the Aurchem Exploration Discovery Creek Project. The exploration activity included soil geochemical sampling, ground geophysics, trenching, reverse circulation drilling and diamond drilling. Aurchem Exploration concentrated exploration in the area flanking the Mount Nansen Porphyry near the headwaters of Discovery Creek. Other companies explored the Vic claims during this period.

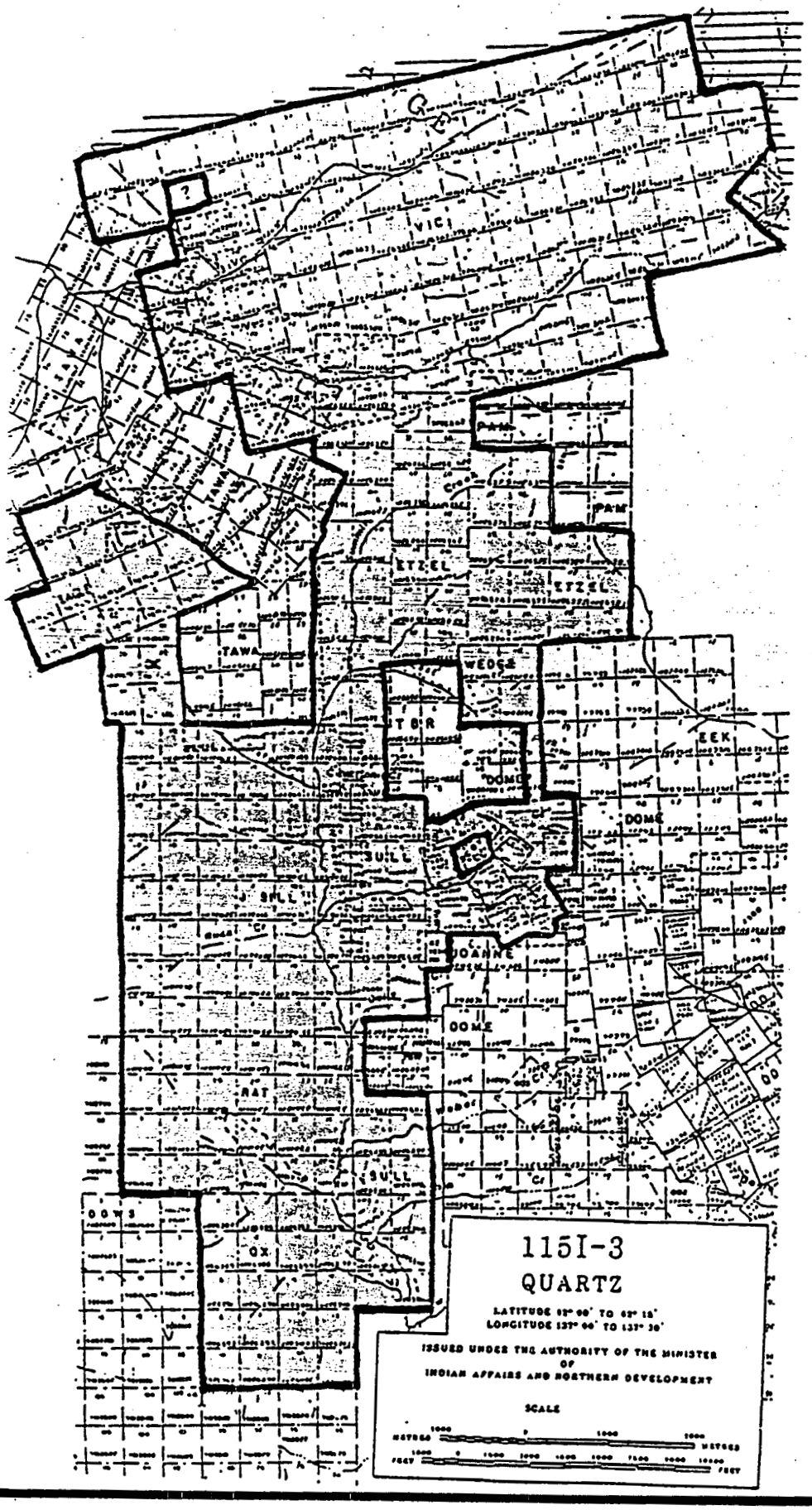
4.0 GEOLOGY

The Discovery Creek gold-silver property is located in the Dawson Range of the Yukon Tanana Terrane. The Dawson Range is underlain by Early Mississippian metamorphic rocks intruded by several plutonic suites (Carlson, 1987).

The metamorphic rocks are separated into two suites, meta-sedimentary and meta-igneous. Micaceous quartz-feldspar gneiss, schist, and quartzite of the Nasina assemblage form the meta-sedimentary rock suite. The meta-igneous package includes biotite-hornblende feldspar gneiss and coarse-grained granodiorite orthogneiss with lesser amphibolite.

The metamorphic rocks are intruded by Mid Cretaceous felsic plutonic rocks of the Coffee Creek Plutonic Suite and capped by the coeval mafic to intermediate volcanic flow and tuff rocks of the Mount Nansen Volcanic suite (Johnston and Mortensen, 1994). Genetically related sub-volcanic feldspar porphyry dikes and plugs intrude all rock types (Sawyer and Dickinson, 1976).

Figure 2. Claim Map. Discovery Creek Project Outline



The Late Cretaceous Carmacks Volcanic Suite, although lacking in the immediate Mount Nansen area is voluminous in the region where relatively flat lying pyroclastic tuffs and flow units form prominent ridges capping the basement rocks (Carlson, 1987). The Carmacks Volcanic Suite is magmatically related to the Prospector Mountain Plutonic Suite (Johnston and Mortensen, 1994).

Mineralized structures on the Mount Nansen property consist of fault-shear-hosted veins and associated clay-rich and bleached alteration zones (Figure 3). The vein zones range from narrow, simple quartz veins to complex, anastomosing and braided systems that crosscut all rock types. They trend northwest to north-northwest, and are generally steeply dipping across a two kilometre wide corridor called the Mount Nansen Trend. The Mount Nansen Trend is sub-parallel to the Big Creek Fault, an apparent control to mineralization in the Dawson Range (Carlson, 1987; Hart, Langdon, 1997). The structures are interpreted as dilational fracture systems peripheral to the Middle Cretaceous porphyry intrusive bodies.

Geochronological studies indicate that the U-Pb dating gives a time of 109 Ma for porphyry intrusive bodies that are interpreted as coinciding with the main mineralizing event in the district. (V. Meyers, B.Sc. thesis).

The Mount Nansen area was beyond the limit of the most recent continental glaciation although earlier incursions moved up the valley bottoms. Weathering extends to depths of up to 75 metres below surface which is accompanied by leaching and oxidation in the mineralized zones, and sulphides are commonly altering to limonite or other oxides (Melling, 1995).

5.0 CURRENT WORK PROGRAM

5.1 Vic Claims

Prospecting and soil sampling on the Vic claims was carried out over several days between June and August. Three rock samples from the Main Zone trenches and forty soil samples from the reconnaissance lines were collected and submitted for analysis. Figure 4. The samples were submitted for analysis along with the rock samples from the trenching program to ALS Chemex in Vancouver. The samples were analyzed for gold plus a suite of 32 metal and trace elements. Analytical procedures and results are included in Appendix 4. Soils in the area are poorly developed and are frozen in organic covered areas. Tabulated sample descriptions are included in appendix 3.

The Vic claims area is generally alpine with brush and small trees in the creek bottoms. Trenching in the central portion of the property has exposed narrow high-grade gold quartz veins hosted by horblende diorite in several zones. The mineralization occurs on a north-facing slope on a southwesterly trending ridge north of the Victoria Mountain.

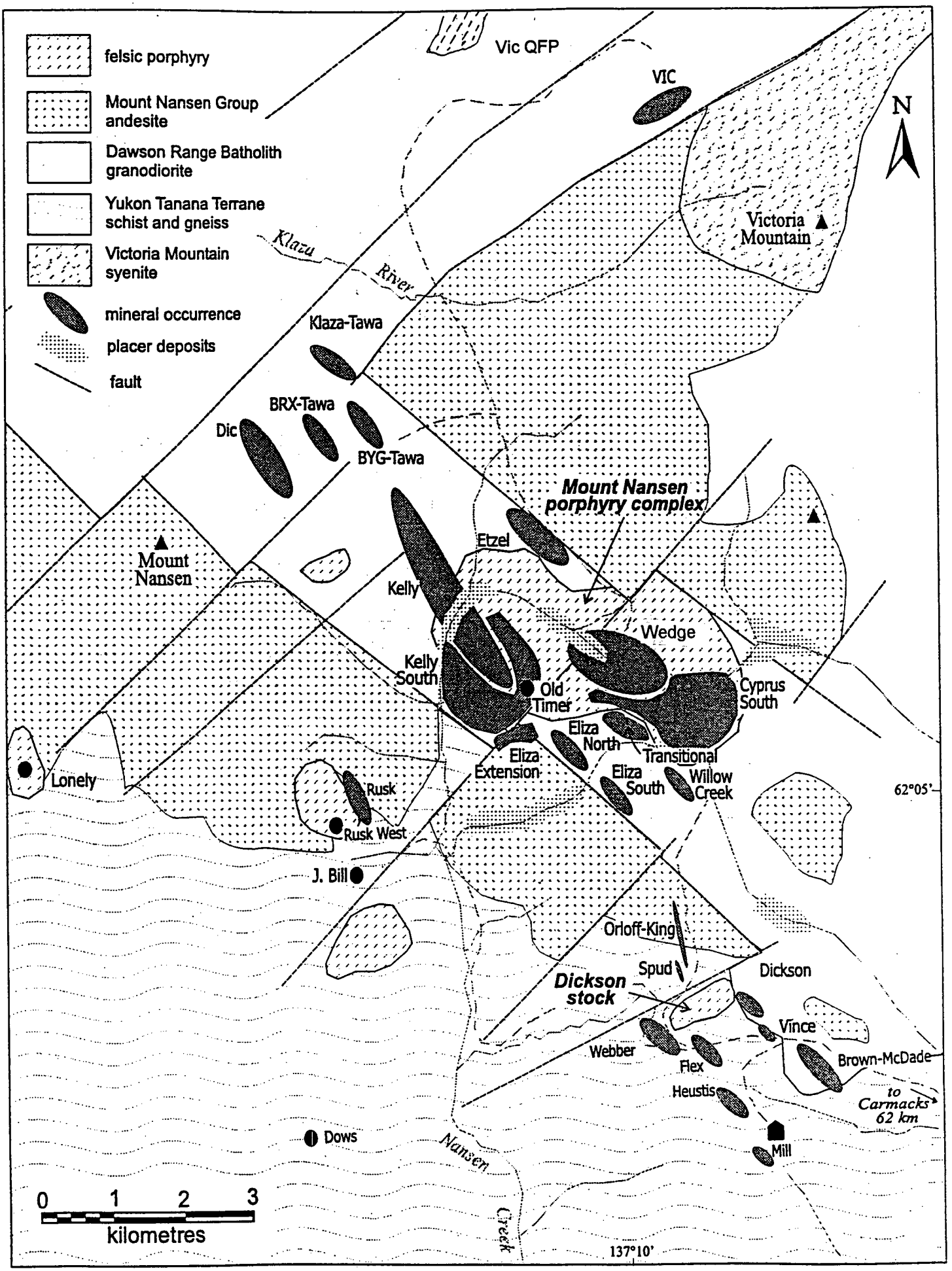
Two areas of interest were identified from the historic exploration data and regional radiometric airborne survey. A northeast trending fault near the head of Iron Creek cross cuts a stock of the Big Creek syenite that has been intruded by rhyodacite-feldspar porphyry dykes. The regional radiometric survey detected an area of anomalous potassium response that appeared to be related to a felsic and possibly clay altered stock.

5.2 Wedge Claims

The silicified outcrop and surrounding area was examine on September 2 and an excavator was mobilized to the project area on September 11. The excavator and operator were supplied by Donjeck Services of Whitehorse.

Excavator trenches were dug to test for the limits of the silicified quartz-feldspar porhyry breccia exposed in the road cut on the Wedge claims. Geological mapping and systematic sampling of the alteration zones in the road cut and in the shallow trenches was carried out at the same time. Figure 5. Trench logs are included in appendix 3. A total of 42 samples were collected and submitted to ALS Chemex Laboratories in Vancouver. The samples were analyzed for gold plus a 32-element suite of metals and trace elements.

Figure 3. Geology Map with Mineral Occurrences in the Mount Nansen District



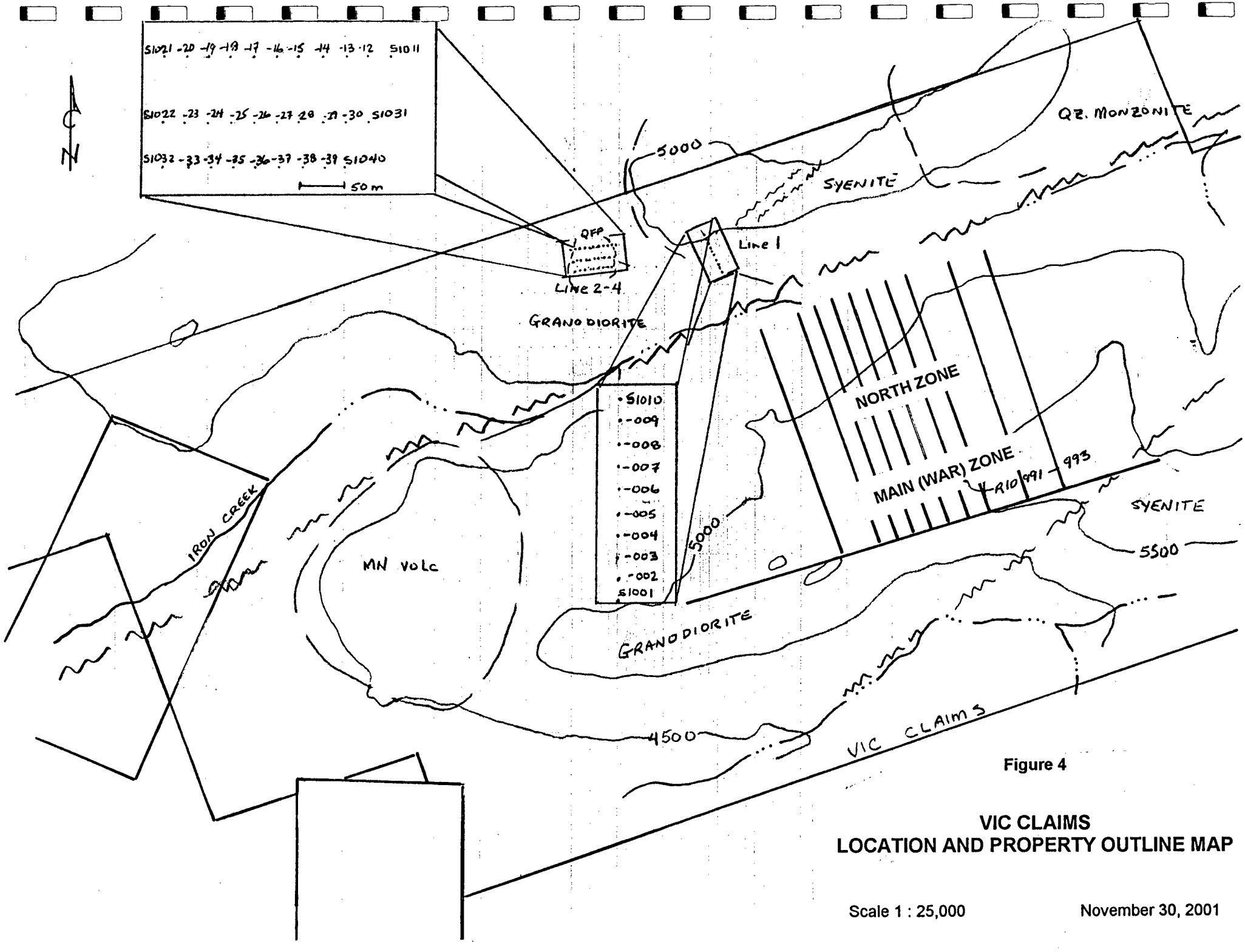


Figure 4

VIC CLAIMS
LOCATION AND PROPERTY OUTLINE MAP

Scale 1 : 25,000

November 30, 2001

5.3 Eliza Creek Extension Zone

The Eliza Creek Extension trenches were examined on September 2. The earlier trenches had been back filled or the walls had sloughed. The excavator was moved to the Bull 4 claim to clear up the Section 44 N trench on September 13 and de-mobilized the next day.

The trench was cleaned out, mapped and sampled at the same time. Structural measurements were recorded and a map subsequently prepared. Figure 6. A total of five rock samples were collected to characterize the mineralization and enclosing alteration. The samples were also used to check previous assay results. The samples were analyzed for gold plus a 32-element suite of metals and trace elements and submitted to ALS Chemex Laboratories in Vancouver. The analytical results are included in Appendix 4.

6.0 RESULTS OF CURRENT EXPLORATION

6.1 Vic Claims

The sample locations are reported on the accompanying sketch map. Geological observations have been added to the original property geology and included on the sketch.

The results from the east line over the projected fault zone indicate that the soils in this area are noticeably different than the results from the felsic stock to the west. This reflects the more developed soils, different bedrock and organic material in the soils. The east line yielded the highest zinc values (58 ppm) coinciding with generally higher levels of Ba, Ca, Fe, Hg, P Mn, Sr and V. None of the results are considered anomalous. The values reflecting sample quality (Fe, Mn, Ca, Al and Sr) are well within the range indicating good quality samples.

Detectable gold values (5 – 20 ppb) were reported near the margins of a quartz-feldspar porphyry stock. The two samples (S1032 – 33) on the southwest line occur on the lower slope are the highest gold values. The corresponding silver values are below detection. Metal values are also near detection limits in this area. The Al results do not indicated significant clay content and the K levels do not suggest argillic alteration. The low Fe levels and lack of visible sulphides do not indicate pyritization related to phyllic alteration.

6.2 Wedge Claims

A forty metre wide silicified alteration system was exposed in an outcrop of brecciated quartz-feldspar porphyry along the main access road. A zone of disseminated pyrite in quartz-feldspar porphyry that is rusty brown weathering flanks the silicified alteration zone that is yellow weathering.

The trenches and sample locations are shown in Figure 5. All of the rock samples are weakly mineralized with gold and silver indicating a relatively large disseminated mineralized system. The silicified zone yielded gold values ranging from 10 – 45 ppb and silver values ranging from 0.4 – 1.6 ppm. The flanking pyritized phyllic alteration zone yielded gold values ranging from 10 – 110 ppb and silver values ranging from 0.2 – 1.6 ppm. These results are considerably lower than a reported grab sample than yielded 270 ppb gold from the silicified zone.

The alteration indicates a local hydrothermal system has deposited the gold-silver mineralization. Elemental results that support the hypothesis of a hydrothermal system precipitating the gold-silver mineralization are the presence of anomalous levels of As, Bi, Hg and Sb.

6.3 Eliza Creek Extension Zone

Host rocks for the Eliza Creek extension zone are predominantly felsic porphyritic dykes and hornblende granodiorite unconformably overlain by the intermediate to mafic to intermediate composition Mount Nansen Volcanic suite.

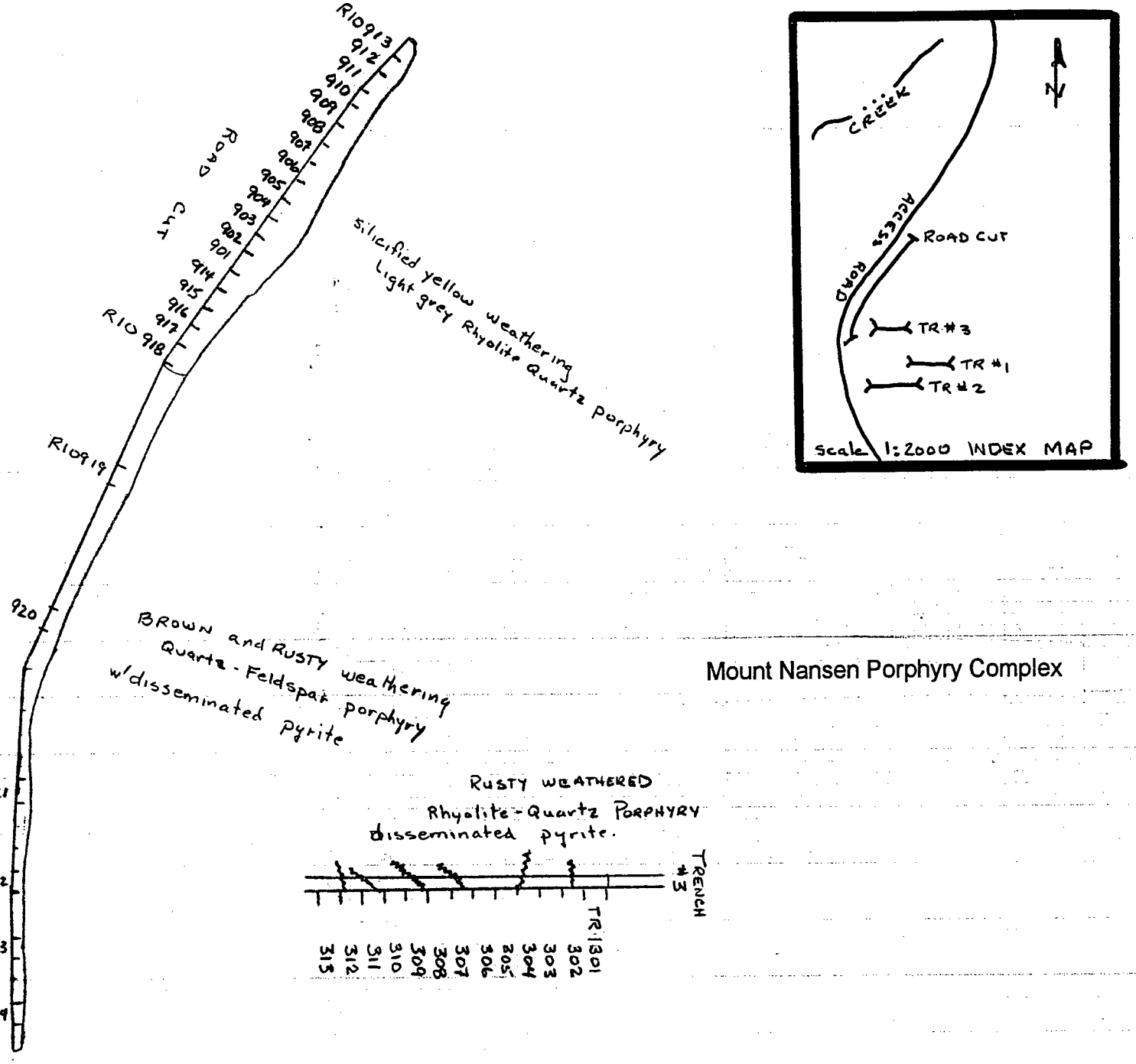


Figure 5

TRENCH SAMPLE LOCATION MAP
WEDGE 12 CLAIM

Scale 1 : 500 November 30, 2001

FOR MAPPING DETAIL
SEE APPENDIX 3
ASSAY RESULTS
SEE APPENDIX 4.

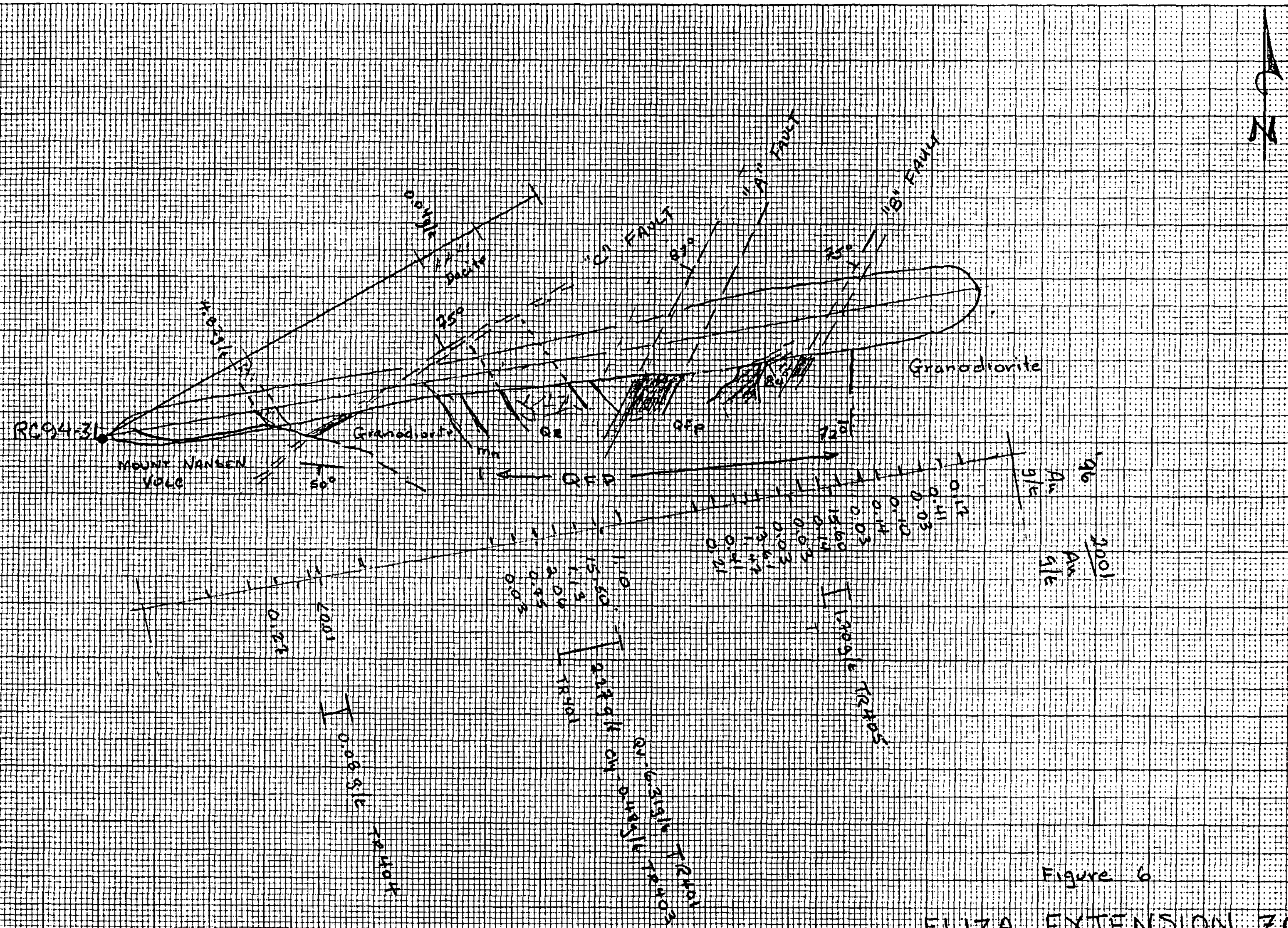


Figure 6

ELIZA EXTENSION ZONE

TRENCH L4400N

FOR: TRENCH NOTES SEE APPENDIX 3
ASSAY RESULTS SEE APPENDIX 4

Scale: 1:250 metric
Sept 13, 2001

At least two trends of post-mineralization faulting has been identified in the trench. Faults trend approximately 060° with moderate to steep northwest dip. The vein structures exhibit left-lateral offset along the faults. On the property scale this set of faults may offset the major deposits, creating disjointed and differential movements across major structures.

Three fault zones were exposed in the trench. Figure 6. Two of the faults (A and B) are sub-parallel and are undoubtedly strands of the same structure. These two faults trend approximately 020° and are near vertical, dipping steeply to the northwest. The third fault (C) has an orientation of 062° and dips approximately 75° to the north. The faults can be traced in several of the drill holes. These faults are consistent with similar structures in the district that exhibit sinistral movement.

The mineralization consists of quartz stringer/veinlet stockwork within intensely clay-altered zones. The pervasive argillic alteration envelops the sulphide-rich veins and forms hanging wall and footwall haloes up to three metres thick. Manganese oxides occur peripheral to the clay zones surrounding the mineralized stockwork veins. The distinctive yellowish-green stain of silicification accompanies the quartz-sulphide veins and is a visual indicator of high-grade gold value. See appendix 3 for trench field log.

Assay results indicate that the gold-silver values are primarily concentrated in the quartz stingers and veinlets. The three metre wide stockwork zone assayed 2.27 g/t gold and 17.6 g/t silver. Separate samples of the veinlets and intermediate clay altered zone assayed 6.31 g/t gold and 34.6 g/t silver and 0.48 g/t gold and 5.4 g/t silver respectively.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The review of the exploration data on the Vic claims indicated potential targets outside of the main showings area. Prospecting and soil sampling confirmed the presence of a quartz-feldspar porphyry stock similar to the porphyries related to the gold-silver mineralization in the Mount Nansen mining camp. Low but detectable gold values were located near the margins of the stock. Systematic soil sampling, mapping and prospecting is recommended to outline the extent of the stock and test for related mineralization. The soil samples should be analyzed for precious and base metals as well as a suite of indicator elements.

Tenching, mapping and rock sampling has confirmed the presence of a mineralized hydrothermal alteration system within the Mount Nansen Porphyry on the Wedge claims. Although the assay results yielded very low gold silver values further exploration is required to outline the extent of the alteration system. Although there was a paucity of veins in the area the system is near the headwaters of a gold placer creek. Systematic soil sampling and geophysical surveys are recommended to explore the area. Ground IP is an effective method to outline disseminated mineralized systems and would map the pyritized phyllic alteration surrounding the silicified breccia zone. The silicified zone may be detectable as a resistivity anomaly. Cross cutting structures are important for localizing mineralization and would be located with a VLF-EM survey.

Re-mapping of the 44 N trench revealed that northeast-trending faults cross-cut the mineralization and offset the Eliza Creek Extension zone. The faults had not previously been identified in the immediate area and are critical in determining the extent of the high-grade mineralization. The relative high intensity of drilling on the zone has provided abundant detailed information that requires re-interpretation to locate the potential for offset mineralization. The trench drill hole data should be compiled in a combined database for re-evaluation. Computerization of the data is the most efficient method for compiling such a large database.

8.0 SUMMARY OF EXPENDITURES

The exploration was carried out intermittently during the year. The following breakdown of expenditures reflects the period and activity related to the separate areas of the project.

Vic claims – research, prospecting and sample collecting between February 6 and August 8, 2001

Data collection and review	R. Stroshein	3 days @ $ 400 /day	$ 1,200.00
Field work	R. Stroshein	3.5 days @ $ 400 /day	1,400.00
Field supplies & expenses			85.00
Truck mileage	R. Stroshein	1060 km @ $ 0.50 /km	530.00
Sub – Total			$ 3,215.00

Wedge 12 claim – trenching, geological mapping, sampling and report preparation September 2 to November 30, 2001.

Excavator Trenching - Donject Services		20 hrs @ $ 135.00	$ 2,700.00
Field mapping and sampling	R. Stroshein	3.75 days @ $ 400 /day	1,500.00
Assaying – ALS Chemex		42 rock samples @ $ 29.00 ea.	1,218.00
		Processing charges	51.25
Room and Board Rupert's catering		6 B& 6 L @ $ 12.50 ea.	150.00
		5 D @ $ 25.00 ea	125.00
Truck mileage	R. Stroshein	680 km @ 0.50 $/km	340.00
Freight – Pacific Northwest Freight Systems			80.32
Report preparation	R. Stroshein	2 days @ $ 400.00	800.00
Sub – Total			$ 6,964.57

Bull 4 claim – trenching, geological mapping, sampling and report preparation September 2 to November 30, 2001.

Excavator Trenching - Donject Services		5 hrs @ $ 135.00	$ 675.00
Field mapping and sampling	R. Stroshein	1.5 day @ $ 400 /day	600.00
Assaying – ALS Chemex		5 high-grade samples @ $ 29.50 ea.	147.50
Room and Board Rupert's catering		1 B, 2 D @ $ 25.00 ea	62.50
Report preparation	R. Stroshein	1 day @ $ 400.00	400.00
Sub – Total			$ 1,885.00

Miscellaneous expenses related to Vic claims after August 15.

Sept. 3 - prospecting	R. Stroshein	1 day @ $ 400.00 day	$ 400.00
Report preparation (Nov.)	R. Stroshein	2 days @ $ 400.00 /day	$ 800.00
Assaying – ALS Chemex		40 soil samples @ $ 25.50 ea.	1,020.00
		3 high-grade rock samples @ $ 29.50 ea.	88.50
		Processing charges	9.75
Room and Board Rupert's catering B, D & L Sept. 3			75.00
Sub – Total			$ 2,393.25

Grand Total **$14,457.82**

9.0 REFERENCES

Carlson, G.G., 1987. Geology of Mount Nansen (115-I/3) and Stoddart Creek (115-I/6) Map Areas, Dawson Range, Central Yukon. Indian and Northern Affairs Canada, Northern Affairs: Yukon Region Open File 1987-2.

Eaton, W.D., and Archer, A.R., 1989. Report on the Geology and Mineral Inventory of the Mt. Nansen and Tawa Properties, Yukon Territory; with Assessment of the Economic Potential for Open Pit Mining of Oxidized Mineralization in the Brown-McDade Zone. Unpublished company report, BYG Natural Resources Inc. and Chevron Minerals Ltd.

Hart, Craig J.R. and Langdon, Mark, 1997. Geology and mineral deposits of the Mount Nansen camp, Yukon. Yukon Exploration and Geology 1997, Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, p. 129 - 138.

Johnston, Stephen, T., and Mortensen, James, K., 1994. Regional Setting of Porphyry Cu-Mo Deposits, Volcanogenic Massive-Sulphide Deposits, and Mesothermal Gold deposits in the Yukon-Tanana Terrane, Yukon. In Yukon Metallogeny: Recent Developments, p. 30 -34.

Melling, David, R., 1995. Summary Report: 1995 Exploration Program, Mt. Nansen Gold Project, Carmacks, Yukon Territory. Unpublished company report, BYG Natural Resources Inc.

Meyers, V., 1997. Geology and Mineralization of the Flex Deposit, Mount Nansen, Yukon Territory. B.Sc. Thesis at the University of British Columbia, in progress.

Sawyer, J.P.B., and Dickinson, R.A., 1976. Mount Nansen, Porphyry Copper and Copper-Molybdenum Deposits of the Calc-Alkaline Suite, Paper 34. In Porphyry Deposits of the Canadian Cordillera. CIM Special Volume 15, p. 336 - 343.

APPENDIX 1

STATEMENT OF QUALIFICATIONS

ROBERT W. STROSHEIN, P. ENG.

I, Robert W. Stroshein of the City of Whitehorse, Yukon Territory, hereby certify that:

1. I am a Professional Engineer registered (No. 1165) as a member of the Association of Professional Engineers of Yukon Territory.

2. I graduated from the University of Saskatchewan at Saskatoon, Saskatchewan in 1973 with a Bachelor of Science Degree in Geological Engineering.

3. I have been actively engaged as an Exploration Geologist in the Mineral Industry in Western Canada since graduation.

4. I have carried out the exploration on the Aurchem Discovery Creek Project during 2001.

5. My business address is:

26 Liard Road
Whitehorse, Yukon Territory
Y1A 3L4

My residential address is:

26 Liard Road
Whitehorse, Yukon Territory
Y1A 3L4

Signed,

Robert W. Stroshein

Robert W. Stroshein, P. Eng.

November 30, 2001

Appendix 2 - LIST OF CLAIMS AND MINERAL LEASES

CLAIM NAME	CLAIM NUMBER	GRANT NUMBER	EXPIRY DATE & #CLAIMS
IDA MAY 549	21 YEAR LEASE	39192	2019/11/27 1
RICCO 545	21 YEAR LEASE	4209	2019/11/27 2
HAZEL ANNE 546	21 YEAR LEASE	4210	2019/11/27 3
SUNSET 547	21 YEAR LEASE	4243	2019/11/27 4
MACK 548	21 YEAR LEASE	39134	2019/11/27 5
MYRTLE 550	21 YEAR LEASE	55602	2019/11/27 6
COURTLAND 551	21 YEAR LEASE	55836	2019/11/27 7
VIC	1-6	YA86308-YA86313	2001/12/17 13
VIC	7	Y 76007	2003/07/17 14
VIC	8	YA86314	2001/12/17 15
VIC	9	Y 76009	2003/07/17 16
VIC	10-23	YA86315-YA86328	2001/12/17 30
VIC	24	Y 76024	2003/07/17 31
VIC	25	YA86329	2001/12/17 32
VIC	26	Y 76026	2003/07/17 33
VIC	27-32	YA86330-YA86335	2001/12/17 39
VIC	33-58	YA93037-YA93062	2001/08/15 65
VIC	60-64	YA93064-YA93068	2001/08/15 70
VIC	66-67	YA93070-YA93071	2001/08/15 72
VIC	69-118	YA93073-YA93122	2001/08/15 122
J. BILL	1-2	YA78049-YA78050	2009/02/28 124
J. BILL	3-4	YA78051-YA78052	2010/02/28 126
J. BILL	5-8	YA78053-YA78056	2009/02/28 130
J. BILL	9-24	YA78072-YA78072	2009/02/02 146
J. BILL	25-32	YA78073-YA78080	2009/02/28 154
BULL	1-8	YA81420-YA81427	2014/12/01 162
BULL	9-10	YA86288-YA86289	2013/12/01 164

CLAIM NAME	CLAIM NUMBER	GRANT NUMBER	EXPIRY DATE	
BULL	11-20	YA86290-YA86299	2011/02/28	174
BULL	21-24	YA86300-YA86303	2009/02/28	178
BULL	25-28	YA86304-YA86307	2007/02/28	182
RAT	1-8	YA81428-YA81435	2005/02/28	190
RAT	9-24	YA81436-YA81451	2010/02/28	206
RAT	25-40	YA81452-YA81467	2005/02/28	222
WEDGE	1-4	YA82167-YA82170	2007/12/26	226
WEDGE	5-10	YA82171-YA82176	2015/12/01	232
WEDGE	11-14	YA82177-YA82180	2003/12/26	236
WEDGE	15	YA82181	2015/12/01	237
WEDGE	16-17	YA93843-YA93844	2006/12/26	239
ETZEL	1-3	YA86336-YA86338	2009/12/18	243
ETZEL	4	YA86339	2005/12/18	244
ETZEL	5	YA86340	2009/12/18	245
ETZEL	6	YA86341	2005/12/18	246
ETZEL	7	YA86342	2009/12/18	247
ETZEL	8	YA86343	2005/12/18	248
ETZEL	9	YA86344	2009/12/18	249
ETZEL	10	YA86345	2005/12/18	250
ETZEL	11-17	YA86346-YA86352	2009/12/18	261
ETZEL	18-20	YA86353-YA86355	2010/12/18	264
ETZEL	21-28	YA86356-YA86363	2009/12/18	272
ETZEL	29-34	YA86364-YA86369	2010/12/18	278
ETZEL	35-44	YA86370-YA86379	2007/12/18	288
ETZEL	45-50	YA86380-YA86385	2006/12/18	294
OX	1-4	YA86386-YA86389	2003/12/20	298
OX	5-10	YA86390-YA86395	2001/12/20	304

CLAIM NAME	CLAIM NUMBER	GRANT NUMBER	EXPIRY DATE & #CLAIMS	
OX	11-14	YA86396-YA86399	2003/12/20	308
OX	15-20	YA86400-YA86405	2001/12/20	314
VG	1-8	YA86406-YZ86413	2003/12/20	322
RAS	1-3	YA93138-YA93140	2015/12/01	325
RAS	4	YA93141	2005/12/01	326
DIC	1-7	YA93470-YA93476	2006/12/11	333
LGCS	1	YA95014	2005/12/01	334
LGCS	3	YA95016	2011/12/01	335
MSL		YA95099	2015/12/01	336
BIT	1	YA97733	2010/12/01	337
BIT	2	YA97734	2009/12/01	338
BIT	3	YA97735	2005/12/01	339
BIT	4	YA97736	2002/12/01	340
BIT	5	YA97737	2010/12/01	341
EAGLE	1-12	YB35415-YB35426	2005/01/15	348
DIC	101-106	YB35470-YB35475	2007/01/17	354
JON-WEDGE	1-6	YB35895-YB35900	2006/12/01	360
JLZ	1	YB36258	2005/12/01	361
JBF	1	YB36259	2006/12/01	362
JBF	2-3	YB36954-YB36955	2002/12/01	364
JBF	4-7	YB36956-YB36959	2006/12/01	368
JBF	10	YB54543	2002/12/05	369
J.D.	1-2	YB54755-YB54756	2002/12/05	371
D	1-4	YB57373-YB57376	2002/01/20	375

AURCHEM EXPLORATION LTD.

DISCOVERY CREEK PROJECT

APPENDIX 3

FIELD NOTES AND TRENCH LOGS

2001 EXPLORATION

Aurchem Exploration Ltd.
Vic Claims
Soil Sample Descriptions

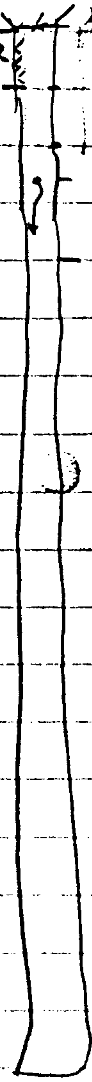
Appendix 3

Augtust, 2001

SAMPLE No.	Location N	Location E	Slope %	Depth (cm)	Color	Horizon	% clay	% silt	% coarse	Float	Comments
1001	6893850	386350	8	65	rd-brn	B1	60	35	5		wet
1002	6893875	386345	8	100	gry-brn	B1	50	25	25		wet, roots
1003	6893900	386340	8	100	gry	B1	40	30	30	syenite pebbles	wet, frozen
1004	6893925	386335	8	50	gry-grn	B1	40	30	30	qfp	wet, frozen
1005	6893950	386330	8	75	gry-brn	B1	20	35	45	syenite, qfp pebbles	wet
1006	6893975	386325	10	70	gry-brn	B1	30	30	40	schist, syenite pebbles	dry
1007	6894000	386320	12	70	gry-brn	B1	25	25	50	pebbles	wet
1008	6894025	386315	16	50	md-brn	B1	20	35	45	syenite pebbles	dry
1009	6894050	386310	16	10	md-brn	B1	30	30	40	mega-crystic syenite, grano blders	dry
1010	6894075	386305	10	10	brn	B1	30	30	40	mega-crystic syenite, sub-crop and bldrs	dry
1011	6893650	385800	0	28	org-brn	C1	35	35	30	hbld-grano otc, MN volcs	oxidized frags grano
1012	6893650	385775	0	38	brn	C1	25	30	45	grano, apilite, MN volcs	
1013	6893650	385750	0	33	lt brn	C1	35	35	30	grano, MN volcx	
1014	6893650	385725	0	34	lt brn	C1	35	30	35	qfp	angular talus
1015	6893650	385700	0	12	org-brn	C1	20	30	50	buff qfp	
1016	6893650	385675	0	15	ly gry-brn	C1	40	30	30	qfp - gry and brn frags	
1017	6893650	385650	0	8	brn	C1	20	30	50	qfp - buff and brn frags	
1018	6893650	385625	2	8	rd-brn	C1	20	30	50	qfp - buff and bleached frags	end of cat road
1019	6893650	385600	2	12	yl-brn	C1	30	30	40	qfp - buff to tan	
1020	6893650	385575	2	12	brn	C1	10	20	70	qfp - buff to tan	otc
1021	6893650	385550	0	15	brn	C1	20	50	30	MN volcs porphyritic	grano castels
1022	6893580	385550	5	15	gry-brn	C1	35	40	25	cg grano, qfp	
1023	6893580	385575	5	15	brn	C1	35	40	25	buff, pink, grey qfp	
1024	6893580	385600	5	15	brn	C1	35	30	35	pink, grey qfp	
1025	6893580	385625	5	15	brn	C1	35	30	35	buff grey qfp	flow banding
1026	6893580	385650	5	20	brn	C1	35	40	25	qfp	
1027	6893580	385675	5	15	lt brn	C1	35	25	40	buff grey qfp	
1028	6893580	385700	5	10	lt brn	C1	30	35	35	grey qfp	otc - flow banding
1029	6893580	385725	5	10	lt brn	C1	30	35	35	buff and grey qfp	
1030	6893580	385750	5	10	brn	C1	25	35	40	qfp	flow banded rhy porph ot
1031	6893580	385775	5	12	brn	C1	30	40	30	buff, dark, light grey qfp	
1032	6893530	385550	7	12	org-brn	C1	25	35	40	qfp	
1033	6893530	385575	7	18	lt brn	C1	25	35	40	qfp	
1034	6893530	385600	7	18	brn	C1	30	40	30	qfp	ash layer
1035	6893530	385625	7	15	brn	C1	20	40	40	qfp	
1036	6893530	385650	7	12	brn	C1	25	25	50	qfp	
1037	6893530	385675	7	12	brn	C1	25	35	40	buff and grey-green qfp	
1038	6893530	385700	7	15	brn	C1	20	40	40	buff qfp	
1039	6893530	385725	7	12	lt brn	C1	20	40	40	qfp	
1040	6893530	385750	7	12	lt brn	C1	25	35	40	qfp	otc, CN qfp-MN volcs

TR01D1

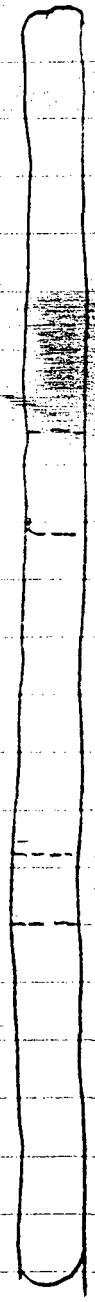
SAMPLE No.		Metres	Description
TR01101	2-7% py	0	Orange-yel-Brn Strongly weathered INTENSE Frac
			Amorphous porphyry feld-Qz phenos light yl gry matrix
TR01102	1-4% dis py	2	Light blue grey siliceous rhy with few Qz-feld phenos
			ORN-BRN WEATHER - Highly fractured.
103	Tr dis py	4	Light grey f.g. sandy texture. Qfp yl BRN weathered
	water		Variable ORN-BRN weathering
		6	talus and fine clay - sand
		8	Frozen
		10	
		20	Black frozen muck.
		30	
		36	
		40	



Sept. 11/01

RWS

TR0102



0
2
4
6
8
10
20
30
40
4-

FROZEN
BLACK
muck

FROZEN
YL CL rich ZONE.
rusty weathered frags

TR01202 Tr py Tr Lim

FROZEN
GRAVEL AND Qfp talus
frags

TR01201 Tr limonite diggings.

FROZEN
YL CL rich ZONE.
Qfp frags
buff

Frozen Dull grey brown
sand & gravel
Qfp talus frags

Sept 11/01
RWT

TR0103

Sept 12/01

SAMPLE No	MIN	Description	metres
		FROZEN Brown Gravel & Rhyodacite talus	0
		FROZEN Bright orange clay rich soil.	
TR01301	2-5% dis py.	ORN-BRN WEATHERING Rhyodacite Qz-feld phenos Grn Groundmass	
302	2-5% dis py	178° vert GRN Rhyodacite - white feldspar phenos - rare Qz grains	
303	1-3% dis py	Rusty Brn weathered Rhyodacite fine clay seams along fractures	10
304	1-5% dis py	Grey-Grn f.g. massive rhyolite ORN-BRN weather. Gradational contact with above.	
305	1-5% dis py	195°/85°W Rhyolite as above	
306	2-7% dis py	Lt gry-grn Rhyolite Rusty Brown weathered.	
307	Tr-2% dis py	CN 132°/78°W CLAY FILLS CONTACT Light grey Rhyodacite Tr feldspar phenos Lt. Grey	
308	1-5% dis py	Rusty brown weathered grey gray Rhyolite f.g.	20
309	2-5% dis py	130°/98°W Intensely fractured CN Rhyodacite porphyry. gry-grn Yl weathering	
310	Tr-3% dis py	Dk Grey sparse pheno rhyolite porphyry coarse f-phenos	
311	Tr dis py	128° vert YL WEATHERING Lt Grey Qz-feld porphyry. w/c sil	
312	Tr dis py	165°/vert 4cm clay Rhyolite porphyry Light grey f.g.	30
313	Tr dis py	w/ kly. Silicified	
		OB FROZEN	

weak clay alt^{n} of feldspars throughout

Dominant fracts 115°/80°S Fractures.

238°/67S

Sep 11/01

RWS

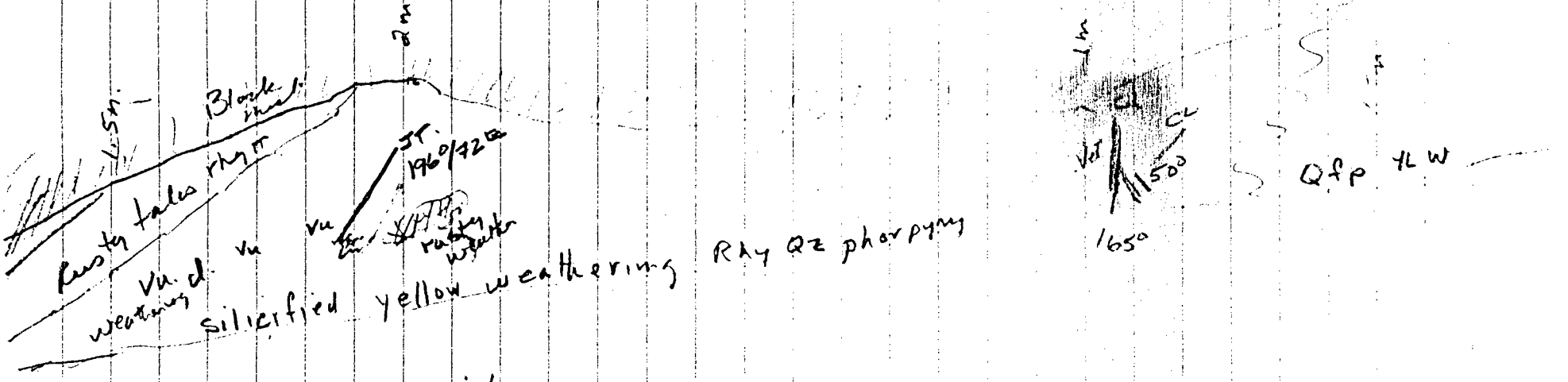
Strongly fractured intense Angular

~ shear zone - clay seams

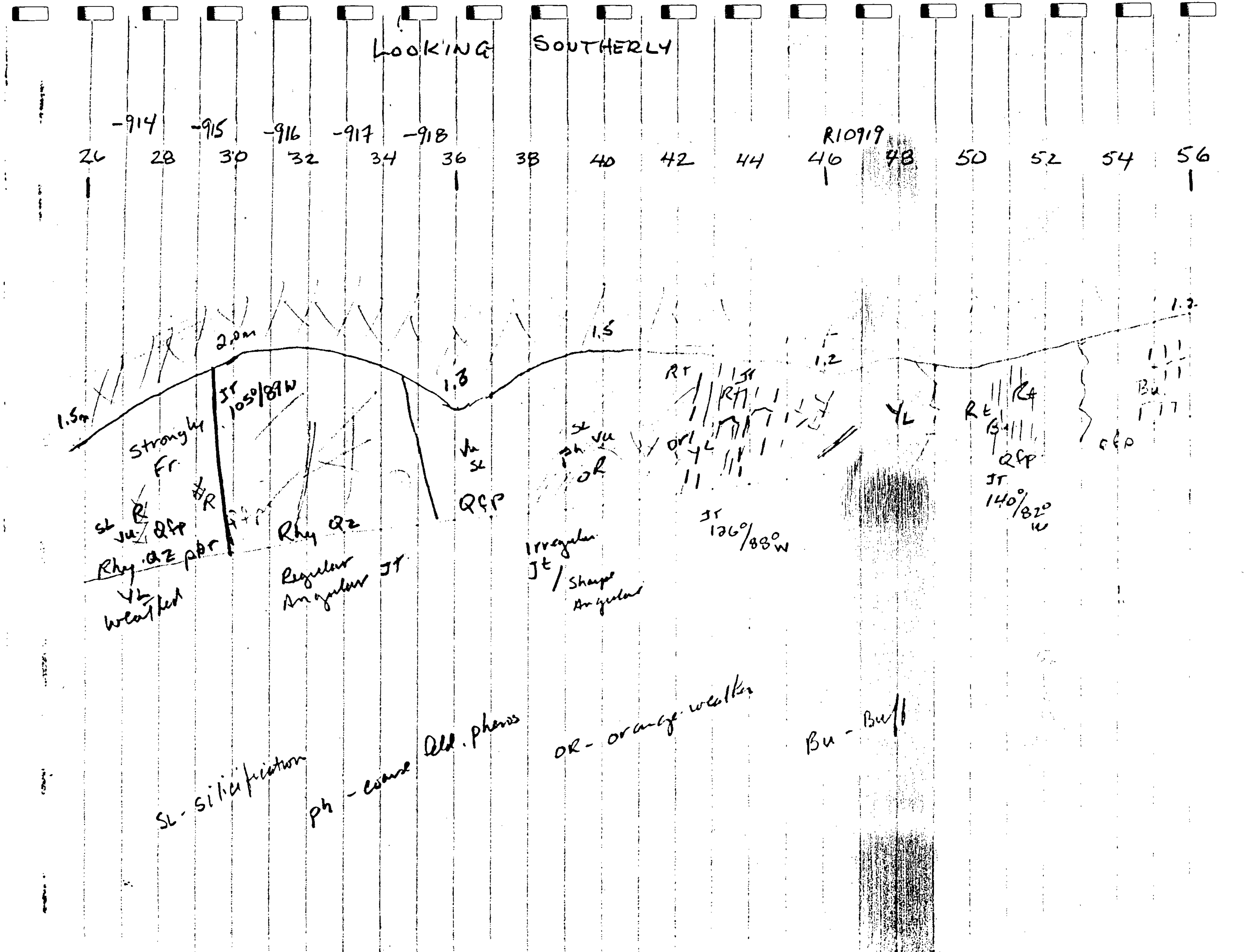
ROAD CUT JACKS CORNER

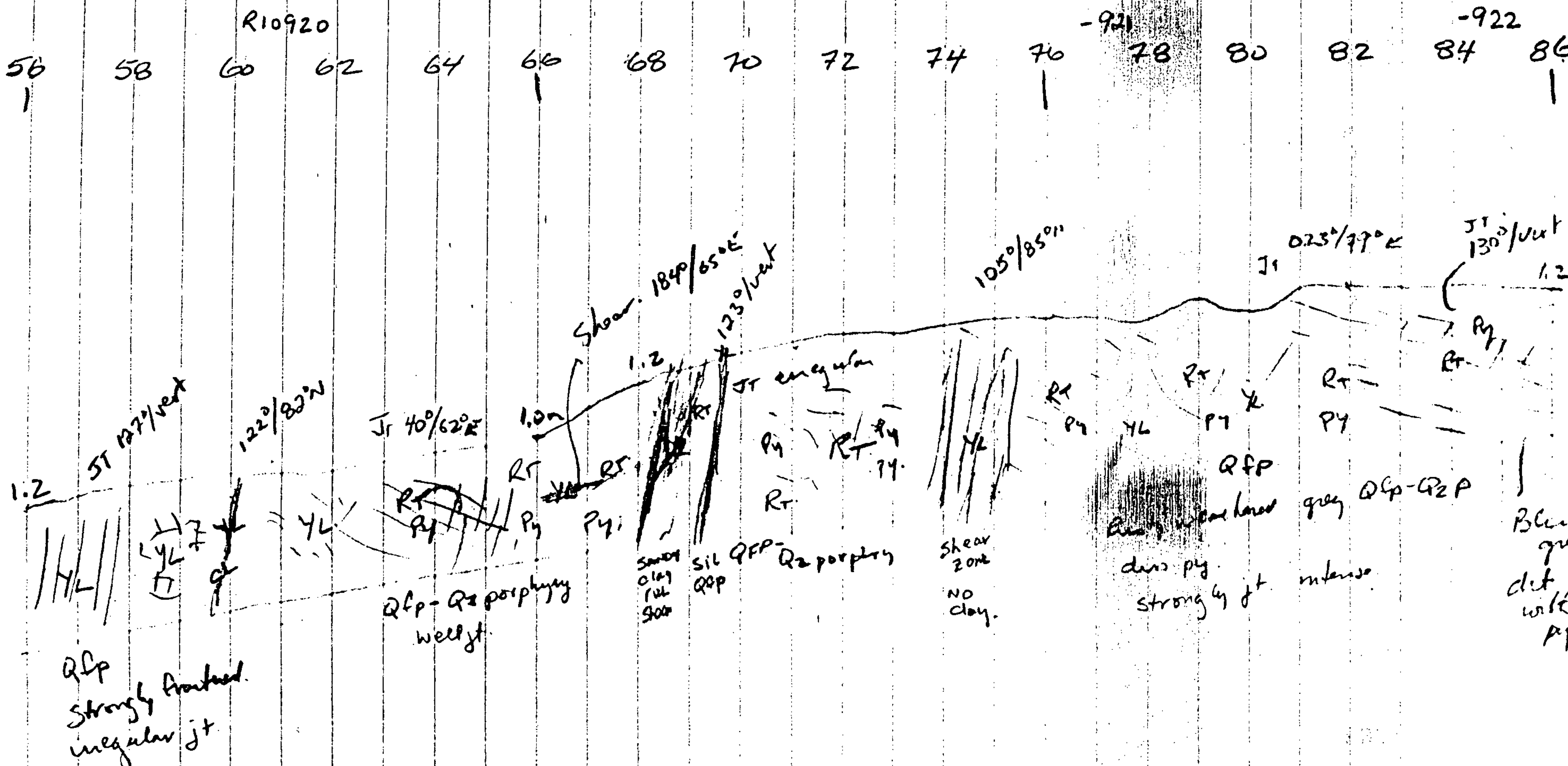
Sept 12/13
RWB

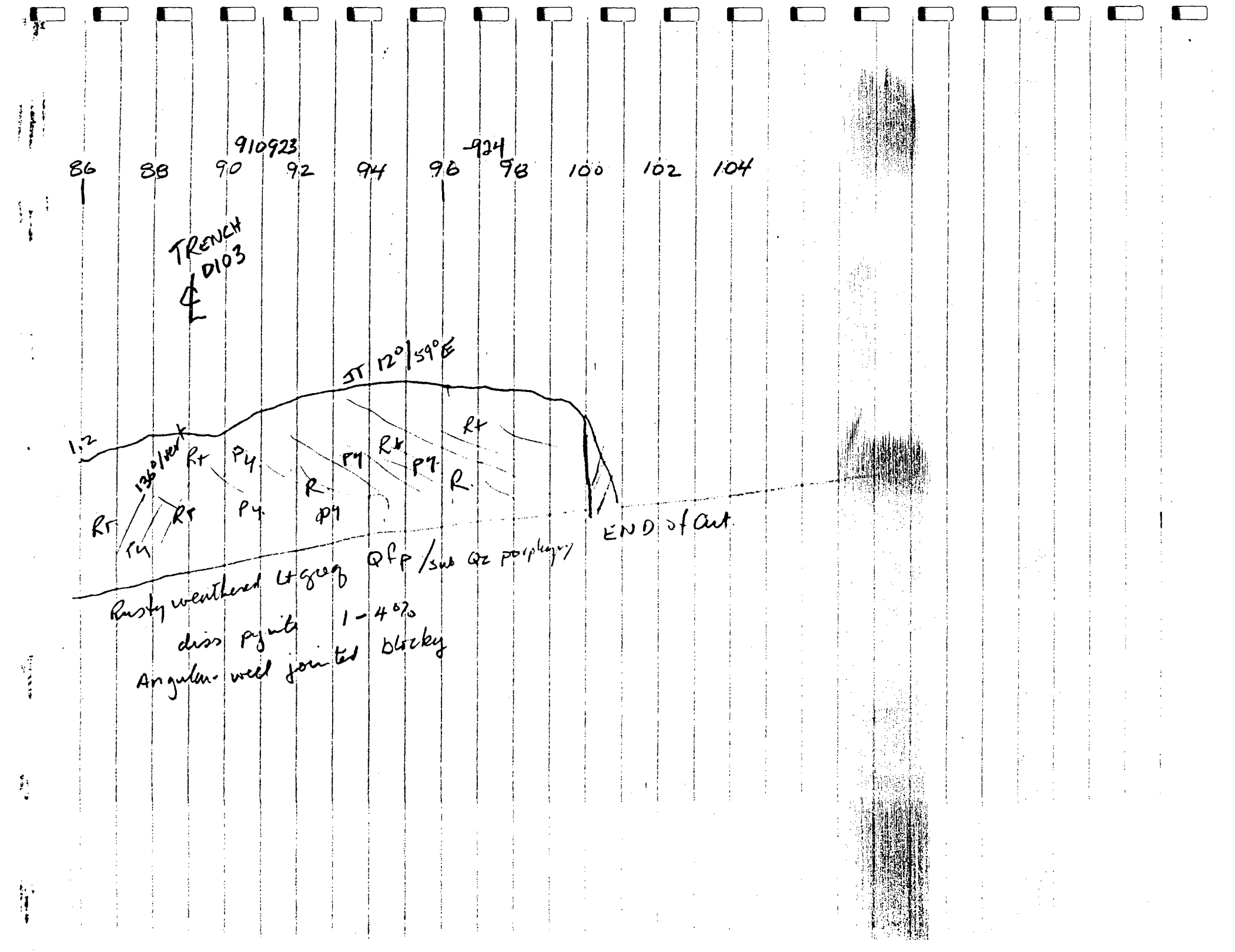
-913	-912	-911	-910	-909	-908	-907	-906	-905	-904	-903	-902	R10901
0	2	4	6	8	10	12	14	16	18	20	22	24	26	28



Vu - vugs
Rt - rusty
CL - clay


LOOKING SOUTHERLY
-914 -915 -916 -917 -918
R10919
26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56
1.5m
2.0m
1.3
1.5
1.2
1.2
JT 105°/89W
Strongly Fr.
Rhy Qz
QFP
Rhy Qz pbr
YL weathered
Regular Angular JT
Irregular Jt / Sharp Angular
JT 126°/88°W
YL
Rt
QFP
JT 140°/82° W
Bu
SL - silicification
ph - coarse feld. phenos
OR - orange weather
Bu - Buff


R10920
-921
-922
56
58
60
62
64
66
68
70
72
74
76
78
80
82
84
86
1.2
ST 127°/vert
122°/82°N
Jr 40°/62°E
1.0m
Shear 184°/65°E
123°/vert
1.2
JT irregular
105°/85°N
J1
023°/77°E
JT 130°/vert
1.2
YL
Rt
Py
Py
Rt
Py
Rt
Py
Rt
YL
Rt
Py
YL
Rt
Py
Rt
Py
Rt
QFP
grey QFp-QzP
QFp-Qz porphyry
well jt
Sil QFP-Qz porphyry
Shear zone
No clay.
dis py
strongly jt
intense
Blue grey
QFp
strongly fractured
irregular jt

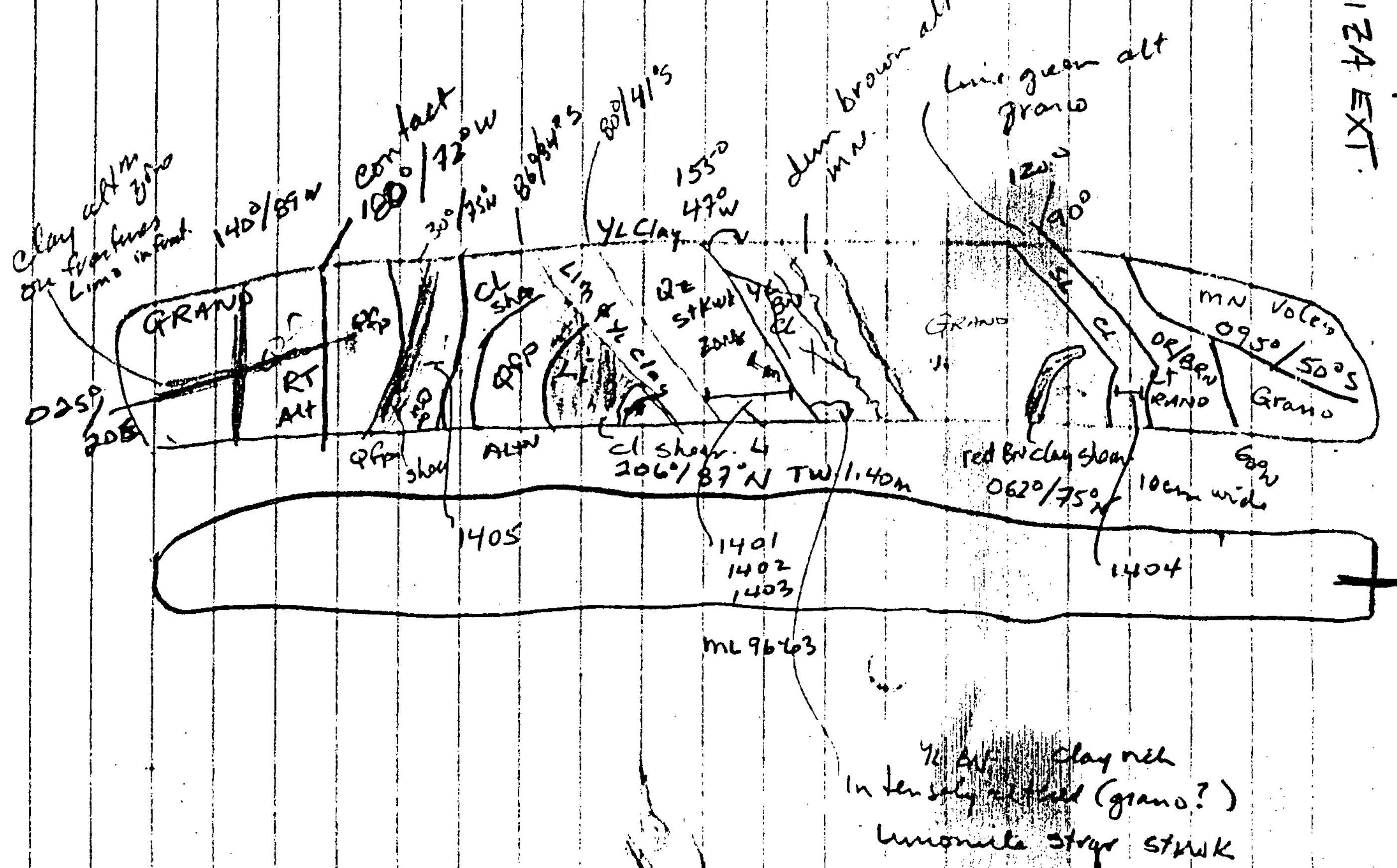

910923
924
86
88
90
92
94
96
98
100
102
104
TRENCH
D103
JT 120/59°E
1.2
136°/vert
Rt
Py
R
END of cut
Rusty weathered Lt grey Qfp/sub Qz porphyry
diss pyrite 1-4%
Angular-well jointed blocky

R0104

ELIZA EXT.

Sept 13/01

Rn8



TR 1401 - High Grade Vns
1402 - Channel
19.5m - 22m
1403 - Clays etc.
19.5 - 22m
1404 - 7.5 - 8.5m.

Section 44N

Qz
08/68°W
060°/88°S

Qz stk zone

Qz4	106/76°S	1cm
Qz2	121/50°S	1cm
Qz3	138°/84W	1m
Qz1	100°/72°S	3cm
Qz5	105°/52°S	1mm
Qz6	70°/38°S	4cm.
Qz7	80°/41°S	12cm

40 30 20 10 8 6 4 2 0

AURCHEM EXPLORATION LTD.

DISCOVERY CREEK PROJECT

APPENDIX 4

ASSAY RESULTS
ALS CHEMEX LABORATORIES

2001 EXPLORATION

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD.

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

A0126474

Comments: ATTN: ROBERT STROSHEIN

CERTIFICATE A0126474

(TEH) - AURCHEM EXPLORATION LTD.

Project: DISCOVERY
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 22-OCT-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
SCR-42	40	-180 micron screen - Save Minus
SCR-01	40	Screen - Save Plus Charge
LOG-22	40	Samples received without barcode
229	40	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	40	Weight of received sample	BALANCE	0.01	1000.0
Au-AA23	40	Au-AA23 : Au ppb: Fuse 30 grams	FA-AAS	5	10000
Ag-ICP41	40	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	40	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	40	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	40	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	40	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	40	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	40	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	40	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	40	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	40	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	40	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	40	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	40	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	40	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-CV41	40	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
K-ICP41	40	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	40	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	40	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	40	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	40	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	40	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	40	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	40	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	40	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	40	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	40	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	40	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	40	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	40	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	40	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	40	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	40	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	40	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	40	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Certificate Date: 22-OCT-2001
Invoice No. : I0126474
P.O. Number :
Account :TEH

CERTIFICATE OF ANALYSIS A0126474

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm
S1001	94069407	0.42	< 5	< 0.2	1.40	10	< 10	190	0.5	< 2	0.50	< 0.5	10	14	13	3.45	< 10	20	0.04	10
S1002	94069407	0.20	< 5	< 0.2	1.42	8	< 10	130	0.5	< 2	0.29	< 0.5	6	18	13	2.24	< 10	30	0.05	< 10
S1003	94069407	0.20	< 5	< 0.2	1.26	2	< 10	130	0.5	< 2	0.24	< 0.5	6	17	16	1.92	< 10	30	0.05	< 10
S1004	94069407	0.26	< 5	< 0.2	1.51	4	< 10	210	0.5	< 2	0.43	< 0.5	10	17	20	2.68	< 10	70	0.06	10
S1005	94069407	0.24	< 5	< 0.2	1.67	8	< 10	300	0.5	< 2	0.55	< 0.5	14	15	24	3.42	< 10	150	0.06	10
S1006	94069407	0.54	< 5	< 0.2	1.63	14	< 10	330	1.0	2	0.78	< 0.5	14	14	24	3.84	< 10	320	0.08	20
S1007	94069407	0.36	< 5	< 0.2	1.87	10	< 10	430	0.5	< 2	0.72	< 0.5	11	18	24	3.04	< 10	100	0.07	10
S1008	94069407	0.28	< 5	< 0.2	1.23	10	< 10	220	0.5	< 2	0.27	< 0.5	8	14	16	2.37	< 10	10	0.06	10
S1009	94069407	0.28	< 5	< 0.2	1.43	10	< 10	130	0.5	< 2	0.20	< 0.5	11	17	16	2.62	< 10	30	0.08	< 10
S1010	94069407	0.36	< 5	< 0.2	1.48	4	< 10	90	0.5	< 2	0.14	< 0.5	10	14	15	2.90	< 10	30	0.06	< 10
S1011	94069407	0.26	< 5	< 0.2	1.30	4	< 10	300	0.5	< 2	0.39	< 0.5	8	25	26	2.51	< 10	150	0.13	10
S1012	94069407	0.30	< 5	< 0.2	1.25	8	< 10	150	0.5	< 2	0.14	< 0.5	13	19	15	2.49	< 10	60	0.09	< 10
S1013	94069407	0.26	< 5	< 0.2	1.92	4	< 10	110	0.5	< 2	0.11	< 0.5	9	21	23	2.46	< 10	20	0.08	10
S1014	94069407	0.28	< 5	< 0.2	1.90	10	< 10	100	0.5	< 2	0.08	< 0.5	10	22	18	2.54	< 10	10	0.08	< 10
S1015	94069407	0.26	< 5	< 0.2	1.90	18	< 10	140	0.5	< 2	0.11	< 0.5	10	22	18	2.41	< 10	10	0.09	< 10
S1016	94069407	0.24	< 5	< 0.2	1.59	2	< 10	230	1.5	< 2	0.20	< 0.5	8	13	4	2.63	< 10	30	0.69	10
S1017	94069407	0.24	< 5	< 0.2	2.19	14	< 10	80	0.5	< 2	0.05	< 0.5	8	22	14	2.69	< 10	40	0.06	< 10
S1018	94069407	0.20	< 5	< 0.2	2.02	16	< 10	70	0.5	< 2	0.05	< 0.5	7	17	15	2.05	< 10	40	0.04	< 10
S1019	94069407	0.22	< 5	< 0.2	1.71	8	< 10	90	0.5	< 2	0.05	< 0.5	7	17	15	1.95	< 10	20	0.05	< 10
S1020	94069407	0.30	< 5	< 0.2	2.04	14	< 10	80	0.5	< 2	0.05	< 0.5	7	20	15	3.20	< 10	30	0.07	< 10
S1021	94069407	0.36	< 5	< 0.2	1.88	8	< 10	120	1.0	< 2	0.17	< 0.5	14	11	22	3.00	< 10	20	0.04	30
S1022	94069407	0.28	< 5	< 0.2	1.83	10	< 10	90	0.5	< 2	0.09	< 0.5	6	22	10	2.39	< 10	20	0.06	< 10
S1023	94069407	0.24	< 5	< 0.2	1.69	12	< 10	120	0.5	< 2	0.06	< 0.5	7	20	10	2.43	< 10	10	0.06	10
S1024	94069407	0.34	< 5	< 0.2	1.62	10	< 10	150	0.5	< 2	0.09	< 0.5	6	18	11	2.19	< 10	30	0.06	10
S1025	94069407	0.30	< 5	< 0.2	1.86	14	< 10	140	0.5	< 2	0.04	< 0.5	7	20	11	2.25	< 10	30	0.07	10
S1026	94069407	0.28	5	< 0.2	1.65	10	< 10	90	0.5	< 2	0.06	< 0.5	6	19	13	2.00	< 10	20	0.06	< 10
S1027	94069407	0.26	< 5	< 0.2	1.48	14	< 10	180	0.5	< 2	0.06	< 0.5	9	15	7	2.30	< 10	70	0.27	10
S1028	94069407	0.30	< 5	< 0.2	1.42	6	< 10	80	0.5	< 2	0.07	< 0.5	6	14	10	1.73	< 10	30	0.06	< 10
S1029	94069407	0.30	< 5	< 0.2	1.38	12	< 10	70	0.5	< 2	0.05	< 0.5	7	15	10	1.77	< 10	30	0.07	< 10
S1030	94069407	0.30	5	< 0.2	1.65	12	< 10	80	0.5	< 2	0.06	< 0.5	8	18	12	2.30	< 10	30	0.09	< 10
S1031	94069407	0.28	5	< 0.2	1.35	8	< 10	80	0.5	< 2	0.09	< 0.5	6	17	12	1.80	< 10	10	0.08	10
S1032	94069407	0.32	20	< 0.2	1.59	10	< 10	90	0.5	< 2	0.09	< 0.5	6	21	14	2.67	< 10	20	0.08	< 10
S1033	94069407	0.28	15	< 0.2	1.51	10	< 10	130	0.5	< 2	0.11	< 0.5	6	17	11	2.41	< 10	10	0.06	10
S1034	94069407	0.34	< 5	< 0.2	1.42	10	< 10	140	0.5	< 2	0.12	< 0.5	8	17	11	1.96	< 10	10	0.06	10
S1035	94069407	0.34	< 5	< 0.2	1.41	14	< 10	120	0.5	< 2	0.11	< 0.5	7	21	12	2.44	< 10	10	0.09	< 10
S1036	94069407	0.36	< 5	< 0.2	1.45	16	< 10	120	0.5	< 2	0.11	< 0.5	6	18	13	2.54	< 10	10	0.08	10
S1037	94069407	0.44	< 5	< 0.2	1.79	12	< 10	90	0.5	< 2	0.09	< 0.5	9	22	14	2.49	< 10	10	0.09	< 10
S1038	94069407	0.38	< 5	< 0.2	1.65	12	< 10	100	0.5	< 2	0.17	< 0.5	7	17	13	2.04	< 10	20	0.08	< 10
S1039	94069407	0.32	5	< 0.2	1.78	8	< 10	80	0.5	< 2	0.11	< 0.5	7	22	13	2.70	< 10	10	0.08	10
S1040	94069407	0.30	< 5	< 0.2	2.03	10	< 10	90	0.5	< 2	0.11	< 0.5	9	18	12	2.16	< 10	30	0.10	< 10

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Certificate Date: 22-OCT-2001
Invoice No. :10126474
P.O. Number :
Account :TEH

CERTIFICATE OF ANALYSIS A0126474

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
S1001	94069407	0.54	490	< 1	< 0.01	9	1080	8	0.01	2	4	29	0.01	< 10	< 10	78	< 10	56
S1002	94069407	0.50	215	< 1	< 0.01	10	760	2	0.01	2	3	16	0.03	< 10	< 10	56	< 10	32
S1003	94069407	0.44	215	< 1	< 0.01	9	690	< 2	0.02	< 2	2	14	0.03	< 10	< 10	49	< 10	30
S1004	94069407	0.59	425	< 1	< 0.01	9	960	2	0.04	2	3	24	0.02	< 10	< 10	69	< 10	42
S1005	94069407	0.67	695	< 1	< 0.01	10	1280	< 2	0.04	< 2	4	33	0.01	< 10	< 10	71	< 10	58
S1006	94069407	0.57	1030	< 1	< 0.01	10	1600	< 2	0.02	< 2	6	50	0.01	< 10	< 10	67	< 10	58
S1007	94069407	0.46	610	< 1	< 0.01	11	910	< 2	0.04	2	3	62	0.01	< 10	< 10	54	< 10	36
S1008	94069407	0.41	495	< 1	< 0.01	10	840	< 2	0.01	< 2	2	18	0.03	< 10	< 10	45	< 10	28
S1009	94069407	0.47	680	< 1	< 0.01	13	660	< 2	0.02	2	1	14	0.03	< 10	< 10	48	< 10	32
S1010	94069407	0.42	480	< 1	< 0.01	10	720	< 2	0.03	< 2	1	8	0.02	< 10	< 10	55	< 10	32
S1011	94069407	0.55	300	< 1	< 0.01	15	840	4	< 0.01	8	4	42	0.04	< 10	< 10	55	< 10	46
S1012	94069407	0.35	915	< 1	< 0.01	10	480	12	0.01	< 2	1	11	0.05	< 10	< 10	56	< 10	40
S1013	94069407	0.44	475	< 1	< 0.01	15	510	4	0.01	< 2	1	2	0.05	< 10	< 10	48	< 10	32
S1014	94069407	0.47	440	< 1	< 0.01	16	410	2	0.01	< 2	2	4	0.06	< 10	< 10	48	< 10	30
S1015	94069407	0.49	390	< 1	< 0.01	17	400	2	0.01	< 2	1	3	0.05	< 10	< 10	47	< 10	28
S1016	94069407	0.68	690	< 1	< 0.01	5	310	< 2	< 0.01	< 2	6	13	0.08	< 10	< 10	57	< 10	38
S1017	94069407	0.39	355	< 1	< 0.01	14	420	4	0.03	< 2	1	< 1	0.06	< 10	< 10	52	< 10	26
S1018	94069407	0.34	265	< 1	< 0.01	13	340	4	0.03	< 2	< 1	< 1	0.05	< 10	< 10	38	< 10	34
S1019	94069407	0.36	360	< 1	< 0.01	14	250	2	0.01	< 2	1	< 1	0.04	< 10	< 10	36	< 10	20
S1020	94069407	0.37	550	< 1	< 0.01	13	350	20	0.03	6	1	< 1	0.04	< 10	< 10	57	< 10	38
S1021	94069407	0.50	1265	< 1	< 0.01	6	800	6	0.01	< 2	7	7	< 0.01	< 10	< 10	57	< 10	28
S1022	94069407	0.35	220	< 1	< 0.01	11	510	4	0.01	< 2	1	4	0.06	< 10	< 10	51	< 10	18
S1023	94069407	0.35	265	< 1	< 0.01	12	350	4	0.01	< 2	2	< 1	0.06	< 10	< 10	55	< 10	20
S1024	94069407	0.35	370	< 1	< 0.01	11	350	2	0.01	< 2	1	5	0.03	< 10	< 10	44	< 10	22
S1025	94069407	0.37	325	1	< 0.01	12	280	2	0.01	< 2	1	< 1	0.05	< 10	< 10	46	< 10	22
S1026	94069407	0.32	260	< 1	< 0.01	11	340	4	0.02	< 2	1	2	0.05	< 10	< 10	43	< 10	14
S1027	94069407	0.54	885	< 1	< 0.01	8	100	10	< 0.01	2	4	2	0.05	< 10	< 10	53	< 10	22
S1028	94069407	0.29	330	< 1	< 0.01	10	390	2	0.01	< 2	1	1	0.04	< 10	< 10	35	< 10	12
S1029	94069407	0.33	365	< 1	< 0.01	10	340	2	0.02	< 2	1	1	0.04	< 10	< 10	38	< 10	16
S1030	94069407	0.41	445	1	< 0.01	12	370	6	0.02	< 2	1	3	0.05	< 10	< 10	51	< 10	28
S1031	94069407	0.36	310	< 1	< 0.01	11	420	2	0.01	< 2	1	5	0.04	< 10	< 10	38	< 10	18
S1032	94069407	0.39	220	< 1	< 0.01	13	370	2	0.01	< 2	1	3	0.06	< 10	< 10	52	< 10	20
S1033	94069407	0.33	420	< 1	< 0.01	10	520	4	0.01	< 2	1	5	0.04	< 10	< 10	51	< 10	22
S1034	94069407	0.34	595	< 1	< 0.01	10	460	2	0.01	2	1	10	0.04	< 10	< 10	40	< 10	18
S1035	94069407	0.42	355	< 1	< 0.01	12	410	4	0.01	< 2	1	8	0.06	< 10	< 10	58	< 10	32
S1036	94069407	0.36	370	< 1	< 0.01	11	470	6	0.02	< 2	1	7	0.04	< 10	< 10	50	< 10	22
S1037	94069407	0.43	445	< 1	< 0.01	14	430	4	0.01	2	1	4	0.06	< 10	< 10	55	< 10	28
S1038	94069407	0.37	315	< 1	< 0.01	12	660	6	0.01	< 2	1	7	0.03	< 10	< 10	43	< 10	16
S1039	94069407	0.41	260	< 1	< 0.01	13	560	6	0.01	< 2	1	1	0.06	< 10	< 10	59	< 10	22
S1040	94069407	0.42	420	< 1	< 0.01	12	500	8	0.01	< 2	1	4	0.05	< 10	< 10	45	< 10	20

CERTIFICATION:

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD.

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

A0126473

Comments: ATTN: ROBERT STROSHEIN

CERTIFICATE A0126473

(TEH) - AURCHEM EXPLORATION LTD.

Project: DISCOVERY
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 24-OCT-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	50	Pulv. <250g to >85%/-75 micron
STO-21	50	Reject Storage-First 90 Days
LOG-22	50	Samples received without barcode
CRU-31	50	Crush to 70% minus 2mm
SPL-21	50	Splitting Charge
229	50	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 1 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	50	Weight of received sample	BALANCE	0.01	1000.0
Au-AA23	42	Au-AA23 : Au ppb: Fuse 30 grams	FA-AAS	5	10000
Au-AA25	8	Au g/t: 1 assay ton, AA finish	FA-AAS	0.01	100.00
Ag-ICP41	50	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	50	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	50	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	50	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	50	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	50	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	50	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	50	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	50	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	50	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	50	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	50	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	50	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	50	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-CV41	50	Hg ppb: HNO3-HCl digestion	AAS-FLAMELESS	10	100000
K-ICP41	50	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	50	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	50	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	50	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	50	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	50	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	50	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	50	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	50	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	50	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	50	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	50	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	50	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	50	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	50	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	50	U ppm: 32 element, soil & rock	ICP-AES	10	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD.

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

A0126473

Comments: ATTN: ROBERT STROSHEIN

CERTIFICATE A0126473

(TEH) - AURCHEM EXPLORATION LTD.

Project: DISCOVERY
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 24-OCT-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	50	Pulv. <250g to >85%/-75 micron
STO-21	50	Reject Storage-First 90 Days
LOG-22	50	Samples received without barcode
CRU-31	50	Crush to 70% minus 2mm
SPL-21	50	Splitting Charge
229	50	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 2 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
V-ICP41	50	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	50	W ppm: 32 element, soil & rock	ICP-AES	10	10000
Zn-ICP41	50	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Certificate Date: 24-OCT-2001
Invoice No. :I0126473
P.O. Number :
Account :TEH

CERTIFICATE OF ANALYSIS A0126473

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %
R10901	9413 9402	1.52	15	-----	1.0	0.90	60	< 10	190	< 0.5	10	0.03	< 0.5	< 1	59	59	2.51	< 10	150	0.72
R10902	9413 9402	1.04	10	-----	0.4	0.66	38	< 10	160	< 0.5	10	0.02	< 0.5	< 1	53	25	2.86	< 10	60	0.84
R10903	9413 9402	1.08	10	-----	0.4	0.63	54	< 10	120	< 0.5	< 2	0.01	< 0.5	< 1	53	30	3.54	< 10	40	0.96
R10904	9413 9402	1.20	15	-----	1.0	0.52	66	< 10	100	< 0.5	2	0.01	< 0.5	< 1	43	46	3.36	< 10	70	0.90
R10905	9413 9402	1.52	15	-----	1.8	0.65	136	< 10	130	< 0.5	< 2	0.02	< 0.5	< 1	46	137	3.09	< 10	140	0.73
R10906	9413 9402	1.56	20	-----	1.6	0.75	144	< 10	150	< 0.5	2	0.02	< 0.5	< 1	42	95	2.79	< 10	330	0.70
R10907	9413 9402	1.80	15	-----	1.8	1.03	184	< 10	130	< 0.5	< 2	0.03	< 0.5	< 1	47	159	3.45	< 10	140	0.76
R10908	9413 9402	1.96	15	-----	1.2	0.74	56	< 10	130	< 0.5	< 2	0.01	< 0.5	< 1	45	89	2.98	< 10	80	0.71
R10909	9413 9402	1.50	30	-----	2.0	0.57	74	< 10	140	< 0.5	22	0.01	< 0.5	< 1	55	38	3.11	< 10	60	0.86
R10910	9413 9402	1.62	15	-----	1.4	0.64	94	< 10	130	< 0.5	4	0.02	< 0.5	< 1	62	36	3.32	< 10	130	0.91
R10911	9413 9402	1.54	20	-----	2.2	0.75	216	< 10	160	< 0.5	12	0.05	< 0.5	< 1	59	44	2.61	< 10	240	0.66
R10912	9413 9402	1.82	15	-----	0.6	0.76	142	< 10	130	< 0.5	2	0.05	< 0.5	< 1	62	33	2.37	< 10	110	0.67
R10913	9413 9402	1.70	15	-----	1.2	0.70	58	< 10	170	< 0.5	8	0.07	< 0.5	< 1	64	33	2.40	< 10	360	0.68
R10914	9413 9402	1.36	15	-----	1.4	0.83	162	< 10	210	< 0.5	< 2	0.03	< 0.5	< 1	26	111	2.56	< 10	190	0.57
R10915	9413 9402	2.46	30	-----	1.6	0.84	106	< 10	120	< 0.5	4	0.01	< 0.5	< 1	28	67	3.07	< 10	630	0.53
R10916	9413 9402	1.88	45	-----	1.8	0.81	82	< 10	110	< 0.5	2	0.01	< 0.5	< 1	39	40	2.72	< 10	250	0.63
R10917	9413 9402	2.04	40	-----	1.2	1.04	100	< 10	100	< 0.5	< 2	0.03	< 0.5	< 1	29	53	2.67	< 10	190	0.59
R10918	9413 9402	1.80	30	-----	0.6	0.77	62	< 10	160	< 0.5	< 2	0.03	< 0.5	< 1	41	31	1.98	< 10	120	0.57
R10919	9413 9402	2.18	10	-----	1.0	0.64	44	< 10	120	< 0.5	< 2	0.01	< 0.5	< 1	38	53	3.08	< 10	40	0.65
R10920	9413 9402	2.10	55	-----	1.4	1.07	20	< 10	150	0.5	< 2	0.02	< 0.5	< 1	46	203	2.17	< 10	< 10	0.45
R10921	9413 9402	2.58	10	-----	0.4	0.89	14	< 10	260	0.5	10	0.01	< 0.5	1	50	93	2.58	< 10	< 10	0.54
R10922	9413 9402	1.88	20	-----	0.6	2.41	12	< 10	60	0.5	< 2	0.27	< 0.5	3	37	167	2.53	< 10	< 10	0.35
R10923	9413 9402	2.08	45	-----	1.6	2.09	12	< 10	60	0.5	12	0.29	< 0.5	6	41	274	1.79	< 10	< 10	0.28
R10924	9413 9402	1.96	30	-----	0.8	1.59	32	< 10	150	0.5	8	0.05	< 0.5	2	49	166	3.44	< 10	< 10	0.40
R10991	9413 9402	0.84	-----	< 0.10	< 0.2	0.38	8	< 10	50	< 0.5	< 2	0.04	< 0.5	< 1	72	4	0.25	< 10	100	0.21
R10992	9413 9402	1.06	-----	19.20	3.4	0.14	< 2	< 10	< 10	< 0.5	98	0.38	< 0.5	< 1	150	16	0.52	< 10	30	0.01
R10993	9413 9402	0.60	-----	65.01	2.6	0.27	< 2	< 10	40	< 0.5	236	0.69	< 0.5	1	131	12	0.51	< 10	< 10	0.08
TR1101	9413 9402	1.88	20	-----	0.2	1.26	28	< 10	210	0.5	10	0.14	< 0.5	4	41	41	2.33	< 10	< 10	0.28
TR1102	9413 9402	2.06	110	-----	1.0	0.62	60	< 10	180	< 0.5	6	0.10	< 0.5	3	39	92	1.87	< 10	< 10	0.41
TR1103	9413 9402	1.30	20	-----	0.2	0.76	6	< 10	190	< 0.5	8	0.14	< 0.5	3	26	46	1.74	< 10	< 10	0.28
TR1201	9413 9402	1.24	10	-----	0.2	0.86	2	< 10	200	0.5	8	0.07	< 0.5	3	35	150	1.81	< 10	< 10	0.39
TR1202	9413 9402	1.30	15	-----	0.4	0.43	22	< 10	460	0.5	8	0.04	< 0.5	3	42	166	1.97	< 10	30	0.31
TR1301	9413 9402	1.94	15	-----	0.2	1.48	6	< 10	140	< 0.5	2	0.25	< 0.5	4	53	72	2.77	10	10	0.13
TR1302	9413 9402	2.18	10	-----	0.2	1.73	6	< 10	70	< 0.5	10	0.24	< 0.5	3	57	63	2.97	< 10	10	0.15
TR1303	9413 9402	1.92	20	-----	0.8	1.81	10	< 10	70	< 0.5	18	0.16	< 0.5	2	39	56	2.97	10	10	0.22
TR1304	9413 9402	1.72	15	-----	0.6	1.71	14	< 10	60	0.5	2	0.18	< 0.5	3	41	50	2.09	< 10	< 10	0.29
TR1305	9413 9402	2.20	20	-----	0.8	1.33	36	< 10	60	< 0.5	8	0.11	< 0.5	4	49	60	2.49	< 10	< 10	0.26
TR1306	9413 9402	1.76	25	-----	0.6	2.53	22	< 10	40	0.5	4	0.32	< 0.5	4	48	143	3.15	10	< 10	0.30
TR1307	9413 9402	1.64	50	-----	0.6	1.36	48	< 10	80	0.5	< 2	0.07	< 0.5	1	37	115	3.25	< 10	< 10	0.39
TR1308	9413 9402	1.62	20	-----	0.6	2.05	10	< 10	30	0.5	4	0.36	< 0.5	3	41	201	2.12	< 10	< 10	0.29

CERTIFICATION: _____

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Certificate Date: 24-OCT-2001
Invoice No. : I0126473
P.O. Number :
Account : TEH

CERTIFICATE OF ANALYSIS A0126473

SAMPLE	PREP CODE	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
R10901	94139402	10	0.13	5	13	0.01	1	690	14	0.86	10	1	112	< 0.01	< 10	< 10	7	< 10	< 2
R10902	94139402	10	0.07	5	15	0.01	< 1	430	12	1.06	6	< 1	106	< 0.01	< 10	< 10	4	< 10	< 2
R10903	94139402	10	0.07	5	18	0.02	1	480	10	1.31	6	< 1	113	< 0.01	< 10	< 10	4	< 10	< 2
R10904	94139402	< 10	0.07	5	17	0.01	< 1	410	18	1.23	8	< 1	40	< 0.01	< 10	< 10	4	< 10	< 2
R10905	94139402	< 10	0.08	5	25	0.01	1	560	26	1.05	12	1	67	< 0.01	< 10	< 10	5	< 10	< 2
R10906	94139402	10	0.11	5	22	0.01	< 1	750	2	0.94	12	1	50	< 0.01	< 10	< 10	6	< 10	< 2
R10907	94139402	10	0.08	5	29	0.01	1	960	6	1.23	10	2	67	< 0.01	< 10	< 10	9	< 10	2
R10908	94139402	10	0.08	5	23	0.01	< 1	440	4	1.09	6	1	44	< 0.01	< 10	< 10	5	< 10	< 2
R10909	94139402	< 10	0.07	5	23	0.01	< 1	390	54	1.14	8	1	55	< 0.01	< 10	< 10	4	< 10	< 2
R10910	94139402	10	0.08	5	32	0.01	1	550	22	1.19	6	2	92	< 0.01	< 10	< 10	4	< 10	< 2
R10911	94139402	10	0.11	5	31	0.01	< 1	1240	42	0.85	26	2	255	< 0.01	< 10	< 10	6	< 10	< 2
R10912	94139402	20	0.11	5	32	0.01	< 1	970	2	0.82	16	2	290	< 0.01	< 10	< 10	6	< 10	< 2
R10913	94139402	10	0.10	15	21	0.01	1	550	8	0.84	18	1	176	< 0.01	< 10	< 10	5	< 10	< 2
R10914	94139402	10	0.08	5	15	0.01	< 1	880	14	0.82	36	3	86	< 0.01	< 10	< 10	12	< 10	2
R10915	94139402	10	0.07	5	26	0.01	< 1	470	10	1.03	56	1	52	< 0.01	< 10	< 10	9	< 10	2
R10916	94139402	10	0.10	5	33	0.01	1	290	10	0.94	24	< 1	65	< 0.01	< 10	< 10	6	< 10	< 2
R10917	94139402	10	0.12	5	12	0.01	< 1	460	22	0.87	16	1	90	< 0.01	< 10	< 10	8	< 10	< 2
R10918	94139402	10	0.10	5	13	0.01	1	470	32	0.65	14	< 1	110	< 0.01	< 10	< 10	7	< 10	< 2
R10919	94139402	10	0.06	5	4	0.01	< 1	480	20	1.03	10	1	31	< 0.01	< 10	< 10	5	< 10	< 2
R10920	94139402	10	0.41	30	60	0.08	1	500	14	0.36	2	1	90	< 0.01	< 10	< 10	8	< 10	10
R10921	94139402	10	0.25	25	47	0.08	1	440	8	0.49	2	1	42	< 0.01	< 10	< 10	8	< 10	14
R10922	94139402	< 10	0.87	95	44	0.15	4	560	16	0.59	2	3	142	0.02	< 10	< 10	31	< 10	42
R10923	94139402	< 10	0.68	85	77	0.12	5	630	12	0.58	6	1	70	0.01	< 10	< 10	18	< 10	28
R10924	94139402	< 10	0.68	50	51	0.10	6	670	14	0.57	4	2	89	0.01	< 10	< 10	22	< 10	20
R10991	94139402	< 10	0.01	245	1	0.01	1	40	68	< 0.01	< 2	< 1	13	< 0.01	< 10	< 10	3	< 10	2
R10992	94139402	< 10	0.09	135	3	0.01	3	70	56	< 0.01	< 2	< 1	16	< 0.01	< 10	< 10	9	< 10	6
R10993	94139402	< 10	0.16	135	4	0.03	4	270	18	< 0.01	< 2	1	43	0.01	< 10	< 10	17	< 10	10
TR1101	94139402	30	0.86	115	2	0.08	4	560	8	0.56	2	3	51	< 0.01	< 10	< 10	36	< 10	24
TR1102	94139402	10	0.15	40	32	0.09	2	340	12	0.56	< 2	< 1	39	< 0.01	< 10	< 10	4	< 10	6
TR1103	94139402	10	0.30	55	3	0.10	2	480	6	0.43	< 2	< 1	33	< 0.01	< 10	< 10	8	< 10	8
TR1201	94139402	< 10	0.24	45	8	0.04	3	400	10	0.24	2	< 1	79	< 0.01	< 10	< 10	5	< 10	48
TR1202	94139402	20	0.03	30	22	0.05	3	730	8	0.34	2	< 1	40	< 0.01	< 10	< 10	4	< 10	28
TR1301	94139402	10	1.08	170	1	0.08	5	830	8	0.47	2	6	48	0.10	10	< 10	55	< 10	46
TR1302	94139402	20	1.15	150	3	0.10	4	840	8	0.57	8	6	61	0.09	< 10	< 10	59	< 10	40
TR1303	94139402	10	1.10	95	5	0.11	3	750	10	0.70	2	5	85	0.06	< 10	< 10	52	< 10	24
TR1304	94139402	< 10	0.72	60	9	0.14	4	470	12	0.86	2	3	75	0.03	< 10	< 10	23	< 10	22
TR1305	94139402	< 10	0.53	45	20	0.13	4	500	14	1.19	4	2	99	0.01	< 10	< 10	20	40	20
TR1306	94139402	< 10	0.93	85	12	0.19	5	650	16	1.09	2	4	165	0.04	< 10	< 10	36	< 10	32
TR1307	94139402	10	0.28	25	20	0.16	2	680	18	0.74	< 2	1	129	< 0.01	< 10	< 10	12	< 10	14
TR1308	94139402	< 10	0.47	45	22	0.12	4	500	8	0.87	6	1	124	0.01	< 10	< 10	13	< 10	16

CERTIFICATION: _____ +

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Page Number :2-A
Total Pages :2
Certificate Date: 24-OCT-2001
Invoice No. :I0126473
P.O. Number :
Account :TEH

CERTIFICATE OF ANALYSIS A0126473

SAMPLE	PREP CODE	Weight Kg	Au ppb FA+AA	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %
TR1309	94139402	1.52	40	-----	1.2	1.07	6	< 10	100	< 0.5	42	0.10	< 0.5	6	44	107	3.62	< 10	< 10	0.31
TR1310	94139402	1.70	10	-----	0.6	1.08	2	< 10	140	< 0.5	10	0.04	< 0.5	4	49	76	3.05	< 10	< 10	0.22
TR1311	94139402	1.76	20	-----	0.2	0.62	< 2	< 10	90	< 0.5	< 2	0.01	< 0.5	< 1	55	28	1.20	< 10	< 10	0.42
TR1312	94139402	2.10	110	-----	< 0.2	0.85	6	< 10	120	< 0.5	4	0.02	< 0.5	1	48	57	1.48	< 10	< 10	0.42
TR1313	94139402	1.94	< 5	-----	0.2	1.66	12	< 10	90	0.5	2	0.42	< 0.5	2	41	53	1.19	< 10	< 10	0.37
TR1401	94139402	1.10	-----	6.31	34.6	0.20	108	< 10	70	< 0.5	274	0.15	< 0.5	< 1	82	65	3.70	< 10	140	0.80
TR1402	94139402	3.42	-----	2.27	17.6	0.24	224	< 10	60	< 0.5	60	0.24	< 0.5	< 1	60	14	5.66	< 10	60	1.19
TR1403	94139402	1.40	-----	0.48	5.4	0.23	180	< 10	90	< 0.5	18	0.24	< 0.5	< 1	66	8	5.50	< 10	20	1.16
TR1404	94139402	1.44	-----	0.08	1.6	0.39	12	< 10	80	< 0.5	10	0.78	< 0.5	< 1	64	4	1.36	< 10	60	0.35
TR1405	94139402	1.16	-----	1.70	9.8	0.22	52	< 10	60	< 0.5	248	0.04	< 0.5	< 1	71	9	5.38	< 10	50	1.21

CERTIFICATION: _____

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: AURCHEM EXPLORATION LTD. **

26 LIARD RD.
WHITEHORSE, YT
Y1A 3L4

Project : DISCOVERY
Comments: ATTN: ROBERT STROSHEIN

Certificate Date: 24-OCT-2001
Invoice No. : I0126473
P.O. Number :
Account : TEH

CERTIFICATE OF ANALYSIS A0126473

SAMPLE	PREP CODE	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR1309	9413 9402	< 10	0.47	50	15	0.15	5	1140	18	1.36	< 2	1	105	0.04	< 10	< 10	20	< 10	16
TR1310	9413 9402	< 10	0.68	65	4	0.11	6	1040	8	1.04	6	2	104	0.06	< 10	< 10	33	< 10	22
TR1311	9413 9402	< 10	0.17	15	10	0.06	1	330	4	0.27	< 2	< 1	32	< 0.01	< 10	< 10	3	< 10	8
TR1312	9413 9402	< 10	0.28	20	7	0.06	1	340	6	0.30	< 2	< 1	90	< 0.01	< 10	< 10	4	< 10	14
TR1313	9413 9402	< 10	0.36	30	6	0.14	2	580	12	0.30	2	< 1	102	< 0.01	< 10	< 10	7	< 10	16
TR1401	9413 9402	< 10	0.01	35	< 1	0.03	1	110	628	2.06	8	< 1	22	< 0.01	< 10	< 10	3	< 10	60
TR1402	9413 9402	< 10	0.01	25	1	0.04	1	380	322	2.49	4	< 1	40	< 0.01	< 10	< 10	6	< 10	26
TR1403	9413 9402	< 10	0.01	20	< 1	0.04	1	240	186	2.01	2	< 1	37	< 0.01	< 10	< 10	6	< 10	18
TR1404	9413 9402	20	0.02	10	1	0.03	1	320	52	0.91	2	2	40	< 0.01	< 10	< 10	10	< 10	16
TR1405	9413 9402	< 10	0.01	15	1	0.03	1	100	122	2.11	8	< 1	17	< 0.01	< 10	< 10	3	< 10	14

CERTIFICATION: _____