2004 DIAMOND DRILLING REPORT

on the

CANYON GOLD

KM. 400 TARGET

Whitehorse Mining District

NST: 105 K/2
Latitude 62°06′, Longitude 132°58′

CANYON CLAIMS
(June 24th – Aug. 31st, 2004)

By: A. Carlos (owner of claims)
January 16, 2005

File Number 04-015

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INTRODUCTION

History of the Grew Creek deposit area leading to the present is detailed further on in this text. The summer and early fall was spent drilling Enzyme Leach Anomaly B, determined during a 2002 soil survey. A total of 354 infill soils taken in 2003, together with diamond drilling, encouraged us to undertake this past years program.

PROGRAM 2004

From July 1st to Aug. 26th, 5 shallow holes totaling 721 ft. were drilled on one of a number of recommendations made by Gregory T. Hill, Consulting Geologist.

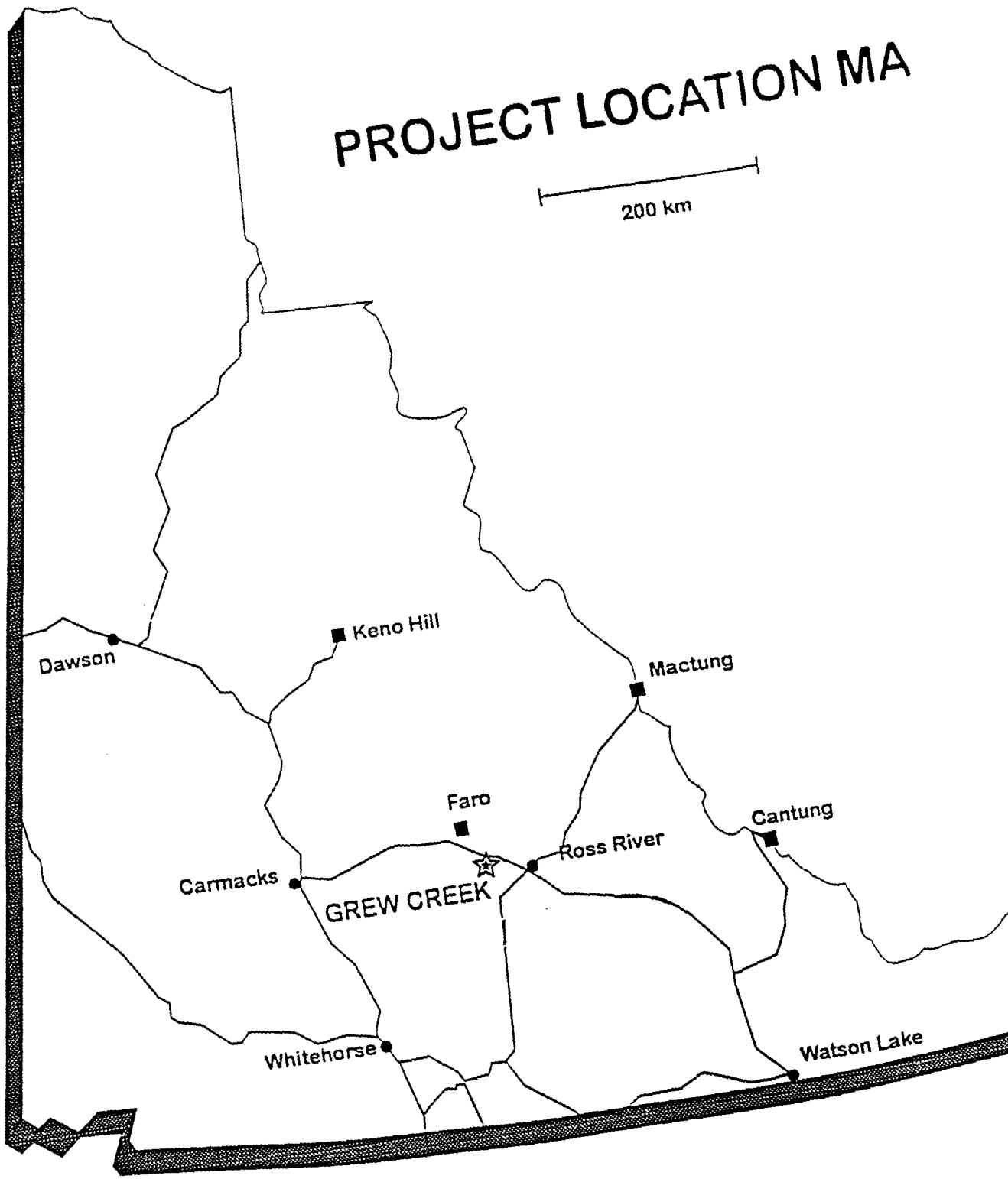
Later in the year a petrographic report was requested for a better understanding of our seasons work. That report is appended, together with analytical results.

RECOMMENDATIONS

Evidence to date strongly points to the presence nearby of a precious metal deposit. Careful and intensive drilling of ore targets is a must.

DISCUSSION OF DIAMOND DRILLING

2004 diamond drilling was guided by infill geochemical sampling, data gleaned from previous drilling, and the location of surficial clays derived from the


PROJECT LOCATION MA
200 km
Keno Hill
Dawson
Mactung
Faro
Cantung
Ross River
Carmacks
GREW CREEK
Whitehorse
Watson Lake

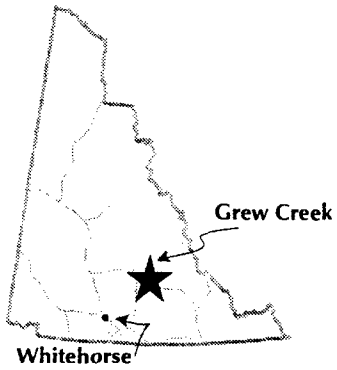
GREW CREEK PROJECT

Owner: A. Carlos
Whitehorse, Yukon

Phone (867) 668-6309

PROJECT STATUS

Available for option



Location
35 km west of Ross River

Ownership
A. Carlos

Commodity
Gold, silver

Ore type
Oxide

Geological resource (drill-indicated)
773,012 tonnes

Silver: 33 grams/tonne

Gold: 8.9 grams/tonne

Proposed mining method
Open-pit, 365 days per year

Processing method
Conventional mill, dore bar, 365 days per year

Power
3 MW, on-site diesel generation

HISTORY

The original Grew Creek claims were staked by Whitehorse prospector A. Carlos in 1983 and optioned by the Mincan JV (Hudson Bay Mining and Minerals), which carried out an extensive exploration program from 1984 to 1986.

In 1987, the claims were optioned by Noranda, who subsequently signed a joint-venture agreement with Golden Nevada Resources and Brenda Mines. Results of the 1987 program triggered a flurry of claimstaking and exploration activity in the area. A large-scale exploration program continued in 1988. In 1989, Golden Nevada changed its name to Goldnev Resources and renegotiated the joint venture agreement to give it a 100% interest in the property.

In 1992, Wheaton River Minerals took an option to conduct an underground development program, however, the option was dropped shortly after.

YGC Resources Ltd. optioned the property in 1993, and completed a $150,000 drilling program at Grew Creek in 1995 and a 17 diamond-drill hole program in 1996. YGC terminated its option agreement with Carlos in January, 1997.

In 2000, a total of $36,000 was spent by A. Carlos exploring a new area 1.8 km from the main zone. He returned in 2001 to drill an additional five holes totalling 262 m, and continued to drill six holes totalling 415 m in 2002.

PROJECT SUMMARY

The Grew Creek deposit can be mined by open-pit methods with a stripping ratio of 9:1, waste to ore. Metallurgical testing by Noranda in 1988 indicated that recoveries of 92% to 94% are possible using simple cyanide processing.

The Grew Creek property is located approximately 35 km west of Ross River and one km from the Robert Campbell Highway and the Whitehorse power grid. The property consists of 192 claims and is owned by A. Carlos of Whitehorse.

GEOLOGY, MINERALOGY AND ORE RESERVES

The Grew Creek epithermal gold deposit is hosted by Eocene volcanic and sedimentary rocks deposited in a pull-apart basin within the Tintina Fault zone. The gold

occurs in stockwork quartz veins and hydrothermal breccias cutting hydrothermally altered rhyolite.

In the main zone, rhyolitic tuffs are juxtaposed by an east-west fault against a cyclic sequence of fluvial sediments. The faulted contact is partly intruded by a quartz-feldspar porphyry dyke. The pyroclastic rocks, dyke, fault and sediments all dip steeply to the north. The volcanic rocks are hydrothermally altered to illite-quartz and illite-quartz-adularia assemblages, with an outer propylitic halo.

Mineralization consists of pyrite, marcasite, arsenopyrite, chalcopyrite, argentite, electrum, silver selenides, galena and sphalerite. Fluorite is also present in the Tarn zone. Gangue minerals include quartz, adularia, carbonates, and quartz pseudomorphs after calcite. In the main zone, gold and silver occur as micron-size grains in chalcedony stringer stockworks and adjacent silicified tuffs. There is a good correlation between gold and silver, with a gold:silver ratio of about 1:4 for ore-grade mineralization, which occurs in an elongated zone trending west northwest. The mineralization is strongly anomalous in arsenic and mercury, but mercury shows only a weak correlation with gold and silver. Most high mercury values lie along the fault, above the gold-silver zone.

Initial drilling on the main zone gave a best intersection of 11.7 grams/tonne Au and 150.9 grams/tonne Ag across 31.4 m while the best section exposed in a trench assayed 3.6 grams/tonne Au and 15.3 grams/tonne Ag across 13 m. The 1989 drilling focused on the main zone, with the best hole returning 10.5 grams/tonne Au over 13 m.

The Tarn zone, located 2 km to the east, consists of quartz-fluorite-chalcedony stockworks and localized silicification within a 900 x 100 m zone of sericitized rhyolite dykes and tuff. The best assays were 150 ppb Au across 2.0 m in a trench and 520 ppb Au over 1.5 m in a drill hole.

Prospecting in the area is difficult due to a thick cover of glacial till. Plouffe (1989) showed that gold is concentrated in the silt- and clay-size fraction down ice from the Grew Creek deposit, but the common pathfinder elements Ag, Sb, As and Hg show little correlation with the gold distribution.

In 1991, a trench in the K410 zone, 15 km northwest of the deposit, uncovered intensely iron-stained, highly fractured acid-leached volcanic rocks. Carlos excavated four hand pits to bedrock in 1992 and encountered intensely clay-altered Eocene sediments with hematite-rich bands. Samples from the pits returned anomalous values of mercury and barium, and a heavy mineral concentrate from 45 kg of glacial till in Pit #2 assayed 9,320 ppb Au.

The 1993 diamond drilling intersected strongly altered volcanic rocks beneath a zone of hydrothermal alteration exposed in a surface trench.

The 1994 drilling showed that mineralization in the South Zone consists of an extensive quartz-adularia stringer stockwork of low-grade Au-Ag values. The best intersections were 2.33 grams/tonne Au and 4.1 grams/tonne Ag over 10.4 m. The South Zone mineralization appears to be connected with the Main Zone mineralization, but further drilling between the two zones needs to be carried out to confirm this theory. Drilling in the Main Zone confirmed earlier reported grades. The best intersection was 1.69 grams/tonne Au and 3.0 grams/tonne Ag over 24 m.

In 2000, a total of 450 soil samples were grid-collected over a 2 km area and analyzed by the enzyme leach method. Three new geochemical targets were delineated in a favourable structural area north of the Tarn zone, adjacent to the Robert Campbell Highway.

In 2001, five holes were drilled and a hydrothermal breccia was intersected. Additional drilling was conducted in 2002.

PRODUCTION PLANS

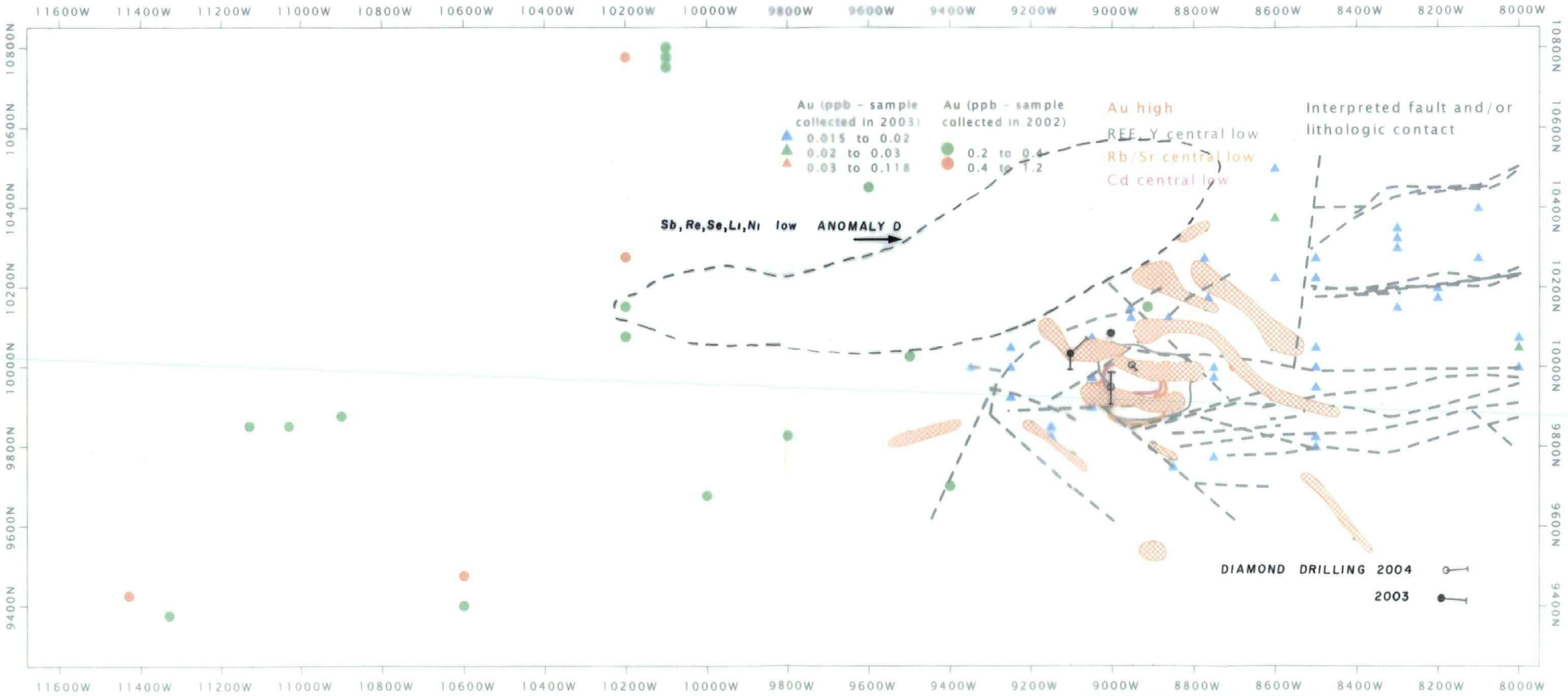
In 1989, Orcan Mineral Associates estimated geological reserves of 773,012 tonnes grading 8.9 grams/tonne Au and 33.6 grams/tonne Ag at a cut-off grade of 0.2 grams/tonne and containing a higher grade reserve of 184,947 tonnes grading 12.1 grams/tonne Au.

alteration of basalts. Though not successful in finding mineralization, important information has been obtained

CONCLUSIONS

Through persistence, we are building a data base hopefully leading to final success. New knowledge due to this years drilling, together with a geologically significant outcrop discovery, a new view of geochemical patterns, and air photo studies, lead to recognition of a possible volcanic landform which may help guide further drilling.

I will be discussing my observations with Gregory Hill, whom will shortly prepare an interpretation of a 611 soil sample program completed this past summer, immediately north of our present focus.



A. Carlos - Maverick prospect

Enzyme Leach Survey

Figure 2

Drawn by: G.T. Hill

Date: 25 April 2004

Revised: 2 June 2004

APPENDIX 1

STATEMENT OF QUALIFICATIONS

ALLEN M. CARLOS, PROSPECTOR

I, Allen M. Carlos of Whitehorse, Yukon Territory, hereby certify that:

1. I have been actively engaged as a mineral prospector in Western Canada for 35 years, initially for a major company, then as an independent.

2. I studied 3 years at the University of Saskatchewan:
One year of Engineering followed by 2 years Arts and Science (Geology).

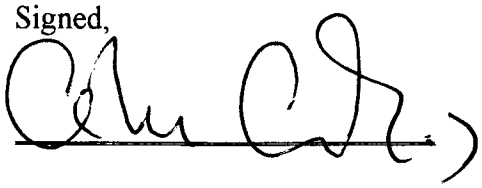
3. I worked one year in northern Saskatchewan as a student assistant for the Department of Mineral Resources.

4. I have for the last 18 years spent much time researching papers regarding Volcanic Hosted Epithermal type deposits.

5. In 1983 I was responsible for discovering the Grew Creek precious metal deposit, the first epithermal deposit of this type along the Tintina Trench in Yukon.

6. I planned and with the aid of my sons, carried out the current program.

Signed,



Allen M. Carlos, PROSPECTOR

APPENDIX 2

PETROGRAPHIC REPORT

Specimans for this study were selected over the length of D.D.H. MVK #9

MVR #1 – 35 ft.

MVR #2 – 49.5 ft.

MVR #3 – 67 ft.

MVR #4 – 76.5 ft.

MVR #5 – 89.5 ft.

MVR #6 – 150.5 ft.

MVR #7 – 175.5 ft.

SAMPLE MVR-2 **AMYGDALOIDAL BASALT**

Estimated mode

Plagioclase	27
Mafic groundmass	40
Chlorite amygdules	15
Carbonate	18

Macroscopic examination of the thin section of this sample shows three more or less distinctive variants, each occupying approximately 1/3 of the slide area. One end of the slide is occupied by a band of relatively featureless, light brownish-coloured rock without crystal clasts. This shows sharp contact with a central grey zone containing prominent colourless phenocrysts in a matrix abundantly speckled with tiny, dark amygdules. The other end of the slide is made up of a darker grey variant with only rare phenocrysts. This latter area shows a sharp, curving contact with the central zone, and it is possible that the three macroscopically distinguishable variants each represent parts of large fragments in a breccia (though this cannot be verified within the limited dimensions of a thin section).

Petrographic examination shows that the first of the three variants is a fragmental rock closely similar to MVR-1. It contains small clasts of a mafic volcanic rock, 0.3 - 3.0 mm in size, composed of tiny chlorite-filled amygdules and small laths of fresh plagioclase in a groundmass of brown glass. These clasts occur within an abundant matrix of fine-grained, turbid carbonate, possibly representing coalescent vesicular fillings. This carbonate exhibits weak effervescence with 10% HCl, and probably consists of dolomite or ankerite with minor admixed calcite.

The variant occupying the central area of the slide shows no obvious fragmental features, and is devoid of carbonate. It is an amygdaloidal basalt composed of tiny laths of plagioclase and abundant chlorite-filled amygdules in a dark, sub-opaque glassy groundmass. A few relatively coarse, subhedral phenocrysts of fresh plagioclase, 0.2 - 5.0 mm or more in size, are also present.

The third variant is similar to the previous one in thin section, differing only in that phenocrysts and chlorite amygdules are much less abundant, and there are a few pockets of the fine-grained carbonate seen as a major component in the first variant.

All three variants appear to be forms of amygdaloidal basalt. They may represent a package of different thin flows in extrusive contact.

Reflective phases are confined to minute specks of Fe-Ti oxides, 10 - 20 microns in size, evenly disseminated throughout the groundmass glass. Extremely rare specks of pyrite, of similar dimensions, were also noted.

SAMPLE MVR-3 **AMYGDALOIDAL BASALT**

Estimated mode

Plagioclase	18
Sub-opaque groundmass	32
Chlorite	8
Carbonate	42
Fe-Ti oxides	trace
Pyrite	trace

The macroscopic features of this thin section suggest close similarities in general character to the previous two samples, and clearly indicate mafic volcanic affinities. An apparent banded differentiation (flow contact?) can be seen as a lighter area at one end of the etched off-cut block - though this is less obvious in the slide itself.

Petrographic examination confirms the macroscopic observations in respect to the basic resemblance to Samples 1 and 2. However, the present sample lacks fragmental features.

The rock consists of a dark, sub-opaque, cryptocrystalline groundmass speckled with randomly-oriented, tiny, plagioclase laths, 0.1 - 0.5 mm in length. Rare, coarser, sub-phenocrystic grains of plagioclase to 1.0 mm in size are also present.

Sharply defined, individual, rounded amygdules, 0.1 - 1.5 mm in size, are abundant. These differ from those in the previous samples in that they are dominantly filled by sparry carbonate. This is strongly reactive to 10% HCl, and appears, therefore, to be largely of calcitic composition. Chlorite is an accessory component - sometimes filling small amygdules in its own right (or forming indistinct flecks in the dark glass groundmass) or, more often, forming thin rims to the dominant calcite amygdules.

The lighter-coloured band, distinguishable at one end of the off-cut, appears to be represented in the thin section as a zone containing abundant, inter-connected vesicular pockets of carbonate and chlorite - the carbonate in this case being mainly the minutely fine-grained, turbid variety as seen in the previous two samples.

This area of the slide is also distinctive for the presence of traces of fine-grained disseminated pyrite, as clusters and strings of tiny framboids or equant granules, 5 - 100 microns in size. The pyrite occurs in the basalt host, rather than in the carbonate/ chlorite pockets. Pyrite appears to be absent elsewhere in the slide.

SAMPLE MVR-4 **AMYGDALOIDAL BASALT**

Estimated mode

Plagioclase	23
Sub-opaque groundmass	60
Chlorite	15
Carbonate	1
Fe-Ti oxides	1
Pyrite	trace

This sample is another example of the amygdaloidal basalt described in the previous two samples.

The sectioned area appears homogenous, with no indication of fragmental character.

The dominant component is a black, opaque to sub-opaque groundmass, presumably representing mafic glass. Tiny laths of plagioclase, 0.05 - 0.2 mm in length, occur scattered through this groundmass. There are also occasional larger, sub-equant phenocrysts of plagioclase 0.3 - 2.0 mm in size.

Amygdules, 0.1 - 0.5 mm in size, are abundant. These are rather evenly distributed and of rounded to irregular shape. They are typically filled by fibrous chlorite. In rare cases the filling is sparry carbonate, with or without rims of chlorite.

The dark groundmass is evenly dusted with micron-sized specks of Fe-Ti oxides. There are also rare traces of pyrite, as scattered tiny grains and framboids, 2 - 50 microns in size.

SAMPLE MVR-5 **CARBONATED BASALT**

Estimated mode

Plagioclase	63
Brown glass	10
Fe/Ti oxides	3
Carbonate	24
Chlorite	trace
Pyrite	trace

The off-cut corresponding to the sectioned area of this sample presents a rather fine-grained, featureless appearance - without clearly defined fragmental character. It differs from that of the other samples of the suite in that it shows a rather strongly developed etch, suggesting feldspar-rich composition.

Thin section examination reveals that it is a homogenous, sparsely porphyritic basalt, composed essentially of three components.

The dominant constituent is plagioclase, as a close-packed, incipiently-oriented aggregate of tiny laths? 0.1 - 0.5 mm in length. There are also scattered, stumpy, prismatic/subhedral phenocrysts of plagioclase, ranging up to 4.0 mm or so in size.

An interstitial phase to the plagioclase laths appears to consist of translucent brown glass flecked with carbonate and dusted with tiny granules of Fe/Ti oxides.

Carbonate is the other principal constituent. This occurs in varied mode, including evenly distributed, individual, stumpy/prismatic polygranular bodies, 0.1 - 0.5 mm in size (and, rarely, to 2.0 mm or more). These are believed to represent pseudomorphs of original pyroxene. Rare examples of actual remnant pyroxene are recognizable but, for the most part, it appears to have been totally converted to carbonate. Carbonate is also seen as partial replacements of plagioclase phenocrysts, and occurs as a few hairline veinlets.

This rock lacks the prominently amygdaloidal character of many of the other samples of the suite, though a few rounded bodies of sparry carbonate may be of this origin. The rock resembles Sample 4 in its non-fragmental character, but differs compositionally from that sample in the abundance of carbonate and the essential absence of chlorite.

Rare traces of pyrite were noted, as randomly disseminated, minute specks. These are also present in cross-cutting veinlets of minutely fine-grained brown carbonate.

SAMPLE MVR-1 **BASALTIC FRAGMENTAL**

Estimated mode

Basaltic clasts	20
Tuffaceous matrix	45
Plagioclase crystal clasts	7
Quartz clasts	3
Carbonate	24
Chlorite	1

Macroscopic examination of the off-cut piece corresponding to the sectioned area of this sample clearly indicates its fragmental character. Fragments ranging up to 5 mm or so are distinguishable, and the whole rock appears rather porous and weakly consolidated.

Petrographic examination of the thin section shows that the rock consists almost entirely of vari-sized fragments of fine-grained mafic volcanic material. This includes lithic clasts of basalt, composed essentially of laths of fresh plagioclase (of andesine/labradorite composition) in a sub-opaque matrix of indeterminate composition - probably representing altered mafic glass. Vesicular textures are widespread - sometimes being infilled with carbonate and/or chlorite.

Fragment outlines are hard to differentiate in the thin section. Individual clasts of the dark basalt appear seldom to exceed 1.5 mm in size, and occur abundantly scattered through a fine matrix of similar composition, but of finely comminuted, tuffaceous textural character.

This matrix component also hosts more or less abundant small crystal clasts of fresh plagioclase and - somewhat surprisingly in a rock of mafic volcanic character - of quartz. The origin of the latter is uncertain. Most of it is in the form (like the plagioclase) of angular to sub-angular, monocrystalline grains ranging in size up to 0.5 mm, but rare examples of polygranular material of quartzitic appearance can also be found.

Fine-grained carbonate is an abundant constituent, forming ramifying clumps and networks which may represent the infilling of interconnected vesicles in an original gas-rich accumulation of basaltic ash and small lapilli. The carbonate is unreactive to 10% HCl, and is presumably of dolomitic or ankeritic composition. Sulfides in this rock are confined to extremely rare, tiny specks and framboidal clumps of pyrite, 5 - 50 microns in size, in the ramifying network of fine-grained carbonate pockets.

The nature of this rock is unclear. It has some tuff-like features, but shows no recognizable bedding. In addition, the abundant interconnected clumps of carbonate in the ash-like matrix have somewhat the appearance of vesicular fillings. Possibly this rock is a product of submarine explosive eruption of basaltic lava.

SAMPLE MVR-6 **BASALT FRAGMENTAL**

Estimated mode

Altered basalt fragments	68
Plagioclase crystal fragments	5
Brown glassy cement	25
Carbonate veinlets	2

Macroscopic examination of the thin and polished thick sections prepared from this sample shows prominently fragmental character. In addition, the sectioned area is traversed by vari-directional veinlets.

This rock is particularly soft, and could not be prepared as a polished thin section.

Petrographic study suggests that it is composed of fragments of a single lithotype. This is a mafic volcanic rock of similar general type to those making up all the samples of this suite.

The fragments range in size from 0.2 - 5.0 mm or so. They are generally sub-equant, sub-angular in shape, and non-matching. The larger fragments are typically separated by more or less close-packed smaller ones, the whole being cemented by dark brown translucent material which is most likely a form of glass.

The fragments themselves are composed of a fine-grained basaltic rock consisting of tiny laths of plagioclase, 0.05 - 0.2 mm in size, set in a groundmass of glassy/minutely amygdaloidal character. This differs from that of most of the other samples in that chlorite is not positively identifiable. Some of the amygdules are filled by carbonate, but many seem to be filled with a cryptocrystalline clay-like material. The groundmass glass also appears to be extensively altered to a soft secondary material (serpentine and clays?).

Some of the fragments exhibit porphyritic character, containing microphenocrysts of fresh plagioclase 0.2 - 1.0 mm in size. The latter also occur in disaggregated form as apparent individual crystal clasts.

The sectioned area is traversed by two somewhat irregular veinlets, 1 mm or so in thickness. These are infilled by what appears to be minutely fine-grained, brown carbonate.

Extremely rare, micron-sized specks of disseminated pyrite were noted in a few of the constituent fragments.

The nature of this rock (monolithic fragments cemented by glass) is consistent with formation as a flow breccia - though the scale of the fragmentation appears unusually fine. Alternatively it could be of explosive pyroclastic origin.

SAMPLE MVR-7 **BASALTIC TUFF**

Estimated mode

Plagioclase crystal clasts	10
Carbonate clasts	10
Basalt lithic clasts	35
Basaltic ash	17
Brown glass	12
Quartz	1

The off-cut of this sample differs in appearance from the other rocks of the suite. It is a fine-grained rock showing banded grain size variations on a scale of 1 - 2 cm, and having the textural aspect of a bedded tuff or clastic sediment.

Thin section observations show that, despite its distinctive appearance, this rock is closely similar in composition to the others of the suite in that it consists totally of mafic volcanic material - albeit it is a more or less finely comminuted and redistributed form.

It is made up essentially of individual crystal fragments of plagioclase and carbonate and lithic clasts of fine-grained basalt, 0.05 - 0.1 mm in size, scattered through an abundant matrix of brown cryptocrystalline material. The latter is presumed to be an ash of comminuted basalt and basaltic glass. The carbonate grains probably mainly represent altered clast of pyroxene (as in Sample 5).

The macroscopically visible banded variations represent zones having differing abundance and mean size of the crystal and lithic clasts, and differing ratios of these coarser particles to the fine vitric ash component.

The rock may confidently be classified as a bedded pyroclastic (ash tuff) of basaltic composition.

The crystal clasts include scattered grains of quartz along with the dominant plagioclase and carbonate. This is probably of exotic origin.

As in the other rocks of the suite, sulfides are confined to extremely rare, randomly disseminated, minute specks or framboids of pyrite.

This rock is devoid of veining or brecciation.

APPENDIX 3

DIAMOND DRILL HOLE DESCRIPTIVE LOGS

DIAMOND DRILL HOLE LOGS

GEOLOGIC LEGEND (DISCUSSION)

The following legend is a correlation of observations garnered in the past 2 years of drilling, together with a recently received petrographic report.

EOCENE

ABBC **AMYGDALOIDAL BASALT BRECCIA COMPLEX**
(in 2003 – H.B. COMPLEX) (2-3-4 of Pet. Report)

Limited to the dimension of a thin section, Mr. Harris named this unit amygdaloidal basalt, though in paragraph 1 of MVR #2 – he alluded to the breccia possibilities, which in fact it is.

In studying this unit – there is no doubt that, even though it may initially have been laid down as a pyroclastic, it has since been subjected to hydrothermal activity: Fluid flow features – hydraulic brecciation (jig-saw puzzle texture) and instances noted where it has penetrated both the porphyritic basalt (MVR #5) and banded siltstone.

A possible scenario: Laid down initially as a porous pyroclastic (perhaps some brecciation and healing taking place prior to eruption), followed by hot fluids entering these permeable beds carrying silica, carbonate, liquid hydrocarbons, and minor sulphides. Becoming pressurized and fluidized, the above noted hydrothermal features developed. Unfortunately, no precious metals.

I believe it would be simplistic, lazy and exploration limiting to simply write off this unit as "HETEROLITHILOGIC VOLCANIC BRECCIA."

CARBONATED BASALT

(in 2003 – ANDESITE) (#5 of Pet. Report)

BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)

(#1 and #6 of Pet. Report)

BASALTIC TUFF (BASE SURGE)?

(#7 in Pet. Report)

SILTSTONE (COLOR BANDED)

GRID 9+000 W HOLE NO. MVK 5 COORDINATES 9+937.5 N

BEARING 225° Az ANGLE -45° DEPTH 184 ft.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
0'	45'			
45'	131'	BASALTIC FRAGMENTAL (NON MATRIX Supported)		
		SoSt in nature - See MVR # 1 and # 6 of Petrographic report by J. Heavs.		
		Generally of Ce Sme oxidized nature.		
		55' - 58' - Shear faces with qtz. calcite - orientation parallel to core axis		
		66' - Qtz. Calcite fracture 10° CA		
		72½' - 6" Clay alt.		
		78½' - 80' - Clay alt.		
		90' - 92' - " " .		
		99' - 100' " " .		
		107' - Series of fractures 10° CA		
		112' - 1 foot Clay alt.		
		112' - 131'		
		A relatively larger fragment pyroclastic.		
		124' - 127' - A prominent section of qtz. calcite veining - parallel to CA.		
131'	165'	AMYGDALOIDAL BASALT BRECCIA COMPLEX		
		Individual clasts are most often made up of previously brecciated material, together with variable no's of carbonate matrix (MVR # 5). Clasts hosting dark Pyrohitumen grains and globules are ubiquitous.		
		This unit intercept has a consistent variable dark gray cast and is well silicaceous (Silicaous).		

Logged by A. Carlo Hole Number MVR # 5 Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
165'	184'	BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)			
		Soft in texture. See MVR# 1 and # 6 of Petrographic report by J. Harris.			
		165' - 172' - A relatively larger fragment pyroclastic.			
		172' - 177' - Very Clay rich (SMECTITE)? Major fractures 60° to CA. Fault ZONE.			
			E.O.H.		
		Mineralization - GRAINS + GLOBULES.			
		45' - 131' - minor - Some noted in coarser fragment material.			
		131' - 150' - moderate - at times more noted in preferred fragments.			
		150' - 165' - Abundant			
		165' - 170' - moderate			
		170' - 184' - not noted - clay alt. Section.			
		MAGNETICS NONE!			
		CARBONATE Generally calcareous veins, fractures and thin veinlets.			
		150' - 165' - Veins fractures and patches of mottly textured qtz. calcite.			
		Silicification			
		45' - 124' - Soft			
		124' - 139' - minor silicification.			
		139' - 150' - moderate			
		150' - 165' Intense ⟶ 165' - 184' - Soft			

Logged by A. Carlos Hole Number MVR# 5 Sheet Number 2

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
		NOTE:		
		THE FOLLOWING CORRELATION:		
		1. 150'-165' - Strong silicification.		
		2. 150' - 165' - Greatest pyrrhitumen presence.		
		3. 150' - 165' - Spotty textured qtz. calcite		
		All above: Near a Structural ZONE.		
		MUR#5 ASSAY INTERVALS		
131'	136'	053830		
136'	141'	053831		
141'	146'	053832		
146'	151'	053833		
151'	156'	053834		
156'	161'	053835		
161'	165'	053836		
165'	170'	053838		
123'	127'6	053837		

Logged by A. Carlos Hole Number MUR #5 Sheet Number 3

GRID 9+000W HOLE NO. MVK 6 COORDINATES 9+937.5 N

BEARING 45° Az ANGLE -45° DEPTH 164½ ft.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
0'	30'	OVBN			
30'	164'	AMYGDALOIDAL BASALT BRECCIA COMPLEX			

Individual clasts are often made up of previously brecciated material, together with variable no's of carbonate basalt (MVR #5). Fragments hosting dark pyrobitumen grains and globules are ubiquitous.

In General - This unit is of a variable grey cast. In this instance, it is uniformly so - and generally of a darker color. As a result this section has a stronger magnetic signature (relative observation elsewhere).

The greater portion of core is altered to a degree whereby only a shadowy remnant of its brecciated character is visible. The section is well indurated (siliceous).

Pyrobitumen - grains + globules

Abundant thru entire core length other than MVR #7 at end.

MAGNETICS

Entire section magnetic.

Carbonate

Calcareous thru-out - Aptly textured qtz. calcite crosses more so.

Silicification

30' - 141' - intense

141' - 164½ Less Siliceous - Clasts more visible.

Logged by A. Cardus Hole Number MVI2 #6 Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
164	164½	BASALTIC TUFF (BASE SURGE)?		
		A bedded - fine dark tuff. Has a distinct banded appearance.		
		See Ref. report (MUR #7) - also drill hole MUR #9 for further detail.		
		E.O.H.		
		MUR #6 ASSAY intervals		
30'	35'	053862		
35'	40'	053863		
40'	45'	053864		
45'	50'	053865		
50'	55'	053866		
55'	60'	053867		
60'	65'	053868		
65'	70'	053869		
70'	75'	053870		
75'	80'	053871		
80'	85'	053872		
85'	90'	053873		
90'	95'	053874		
95'	100'	053875		
100'	105'	053876		
105'	110'	053877		
110'	115'	053878		
115'	120'	053879		
120'	125'	053880		
125'	130'	053881		
130'	135'	053882		
135'	141'	053883		

Logged by A. Cantus Hole Number MUR #6 Sheet Number 2

GRID 8+950W HOLE NO. MVK 7 COORDINATES 10+000N BL

BEARING 180° Az ANGLE -45° DEPTH 102'

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
0'	2½'	OVIBN		
2½'	73'	AMYGDALOIDAL BASALT BRECCIA COMPLEX Individual clasts are most often made up of previously brecciated material. Notably lacking are Carbonate basalt fragments (MVR#5). Last years drilling of this breccia unit (some distance to North) encountered Numerous MVR#5 fragments - becoming larger in size nearer the main mass. Some sections of core are not distinct in their fragmental character - most likely as a result of alteration. The section is of variable dark grey color - Siliceous. Dark Pyrobitumen grains and globules are ubiquitous within specific type clasts.		
73'	102'	BASALTIC FRAGMENTAL (NON MATRIX Supported) Soft in nature - See MVR#1 and #6 of Petrographic report by J. Harris. E.O.H. PYROBITUMEN - GRAINS + GLOBULES 2½' - 73' - Abundant. Essentially Absent within 2 ft. past contact at 73'. MAGNETICS 2½' - 73' - A consistent magnetic signature - more so in the darker color cast portions of core.		

Logged by A. Carlo Hole Number MVK#7 Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
		MAGNETICS - 73'-102' - non magnetic			
		CARBONATE			
		2½'-73' - Calcareous veins fractures and patches of spotty textured Qtz. Calcite Veins fractures			
		73'-102' - Veins fractures only.			
		Silicification			
		2½'-73' - intense			
		73'-102' - minor to Nil Qtz veins			
		CLAY			
		70'-72' + 52'-59' - The bottom section of a dark grey cast.			
		MVK#7 Assay Intervals			
2½'	7½'	053839			
7½'	12½'	053840			
12½'	17½'	053841			
17½'	22½'	053842			
22½'	27½'	053843			
27½'	32½'	053844			
32½'	37½'	053845			
37½'	42½'	053846			
42½'	47½'	053847			
47½'	52½'	053848			
52½'	57½'	053849			
57½'	62½'	053850			
62½'	67½'	053851			
67½'	73'	053852			

Logged by A. Curly Hole Number MVK#7 Sheet Number 2

GRID 8+950 W HOLE NO. MVK 8 COORDINATES 10+000 N · B.L.

BEARING Vertical ANGLE - DEPTH 60½ feet.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
0'	59½'	AMYGDALOIDAL BASALT BRECCIA COMPLEX		
		Individual clasts are most often made up of previously brecciated material. The section 0'-49' is not that distinct in its fragmental character - most likely due to alteration. It is interesting to note that Pyrhitumen is more abundant from 0'-49', than in the remaining 10½' of this section, where fragments become readily discernible. Scattered through the breccias are a minor proportion of porphyritic basalt (MVK#5 - Pet. report) Clasts,		
59½'	60½'	BASALTIC FRAGMENTAL (NON MATRIX Supported)		
		Soft in nature - See MVK#1 and #6 of Petrographic report by J. Harris.		
			E.O.H.	
		Pyrhitumen - GRAINS + Globules		
		Abundant 0'-49', less prominent to 59½' - NON in last portion of basaltic fragmental.		
		MAGNETICS Somewhat magnetic at beginning - becoming more so as core darkened in darker color - ending at 46' - a Clay section. 46'-60½' - Non magnetic.		

Logged by A. Carlo Hole Number MVK # 8 Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
		CARBONATE			
		0'-46' - Along fractures and patches of spotty textured Qtz. calcite.			
		46'-60'½ - Along fractures and occasional Qtz. calcite veinlets.			
		Silicification			
		0'-46' - Intense			
		46'-49' - Clay			
		49'-60'½' - moderate in spotty fashion.			
		PYRITE			
		42'-46' - fine grained pyrite visibly disseminated.			
		MUK # 8 Assay Intervals			
0'	5'	053853			
5'	10'	053854			
10'	15'	053855			
15'	20'	053856			
20'	25'	053857			
25'	30'	053858			
30'	35'	053859			
35'	40'	053860			
40'	46'	053861			

Logged by N. Carlin Hole Number MUK # 8 Sheet Number 2

GRID 9+000W HOLE NO. MVK-9 COORDINATES 9+937.5 N

BEARING ~ ANGLE Vert. DEPTH 210 ft.

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
0'	34'	OVBN			
34'	47'	BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED) Soft in nature. See MVK#1 and #6 of Petrographic report by J. Harris. Section is relatively finer grained.			
47'	84'	AMYGDALOIDAL BASALT BRECCIA COMPLEX Individual clasts are most often made up of previously brecciated material, together with variable %'s of carbonate basalt (MVK#5). Clasts having dark pyrohitumen grains + globules are ubiquitous. 47'-71' - a variable grey color cast is prevalent. 71'-84' - Visibly hematite rich.			
84'	102'	CARBONATED BASALT See MVK#5 of Petrographic report. In 2003 diamond drilling named "Andesite". Not as siliceous as in last years drilling. Black pyrohitumen very evident along fractures - most notable 85'-87'.			
102'	134'	AMYGDALOIDAL BASALT BRECCIA COMPLEX Individual clasts are most often made up of previously brecciated material, Together with variable %'s of carbonate basalt (MVK#5). Clasts having pyrohitumen grains + globules throughout. Section is of a variable dark cast.			

Logged by A. Carter Hole Number MVK#9 Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
134'	160'	BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)		
		Sust in nature. See MVR#1 and #6 of Petrographic report by J. Harris.		
		Clast size largest relative to upper section 34'-47'.		
160'	200'	BASALTIC TUFF — BASE SURGE?		
		See MVR#7 of Petrographic report.		
		Distinct in fine grain size - foliation and cross bedding.		
		182' - cross bedding.		
		cross bedding at 50°-60° CA.		
		200' - Shear - 60° CA. FAULT.		
		* 1 ft of nice black pyrrhitumen with pyrite occurs within shear.		
200'	210	SILTSTONE — SERICITIC		
		Notable for cross bedding.		
		Fine grained to coarser near end - pervicite rich.		
			E.O.H.	
		MAGNETICS		
		34'-49' - non magnetics		
		49'-71' - somewhat magnetic - particularly darker sections of breccia.		
		71'-84' - more strong magnetic - hematite + a short section 81'-82½' - very little dark material or hematite - non magnetic.		
		84'-102' - carbonated basalt - responds to magnet in a spotty fashion.		

Logged by A. Carlos Hole Number MVR#9 Sheet Number 2

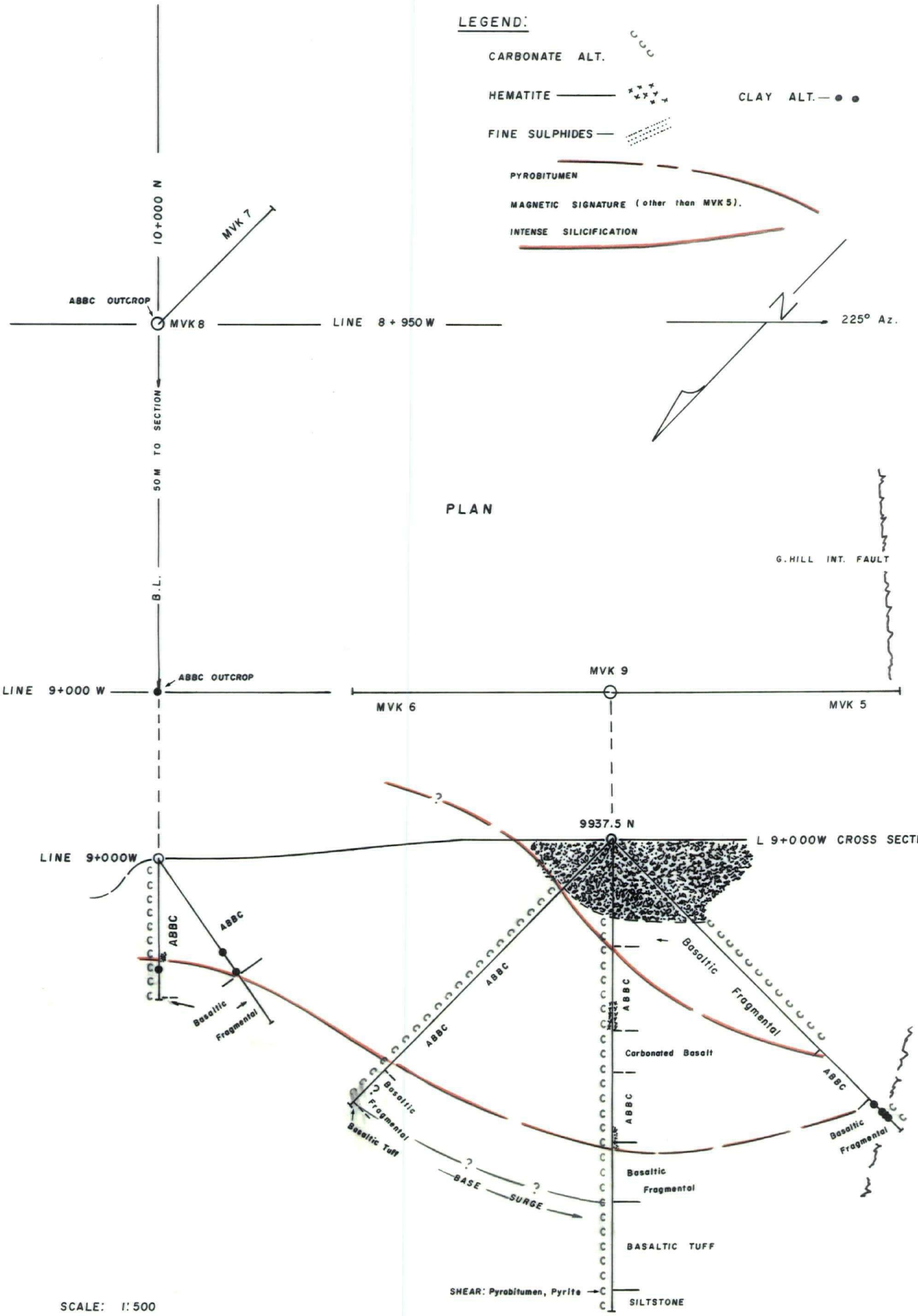
FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
		MAGNETICS cont.			
		102' - 117' - Somewhat magnetic - as 48'-71'			
		117' - 134' - Very little magnetic response.			
		134' - 210' - Non-magnetic.			
		CARBONATE			
		34' - 47½' - Calcareous along fractures			
		47½' - 84' - " " " and patches of spotty textured grn. calcite.			
		84' - 102' - calcite along fractures + minor veinlets of grn. calcite. No spotty Calcite texture.			
		102' - 134' - as 47½' - 84'.			
		134' - 210' - mostly along fractures, but less pronounced generally.			
		SILICIFICATION			
		34' - 47' - moderate - begins to increase at 47'.			
		47' - 84' - intense			
		84' - 96' - moderate			
		96' - 129' - intense			
		129' - 134' - less well silicified - spotty sections of MVR #6 occur.			
		134' - 210' - moderate.			
		PYRITE			
		127' - 128½' - fine disseminations visible - abundant. Assay int. = 053820.			

Logged by A. Carlo Hole Number MVR #9 Sheet Number 3

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY
		MUH #9 ASSAY INTERVALS		
47'	52'	053B12		
52'	57'	053B13		
57'	62'	053B14		
62'	67'	053B15		
67'	72'	053B16		
72'	77'	053B17		
77'	82'	053B18		
82'	87	053B19		
87'	92'	053B20		
92'	97'	053B21		
97'	102'	053B22		
102'	107'	053B23		
107'	112'	053B24		
112'	117'	053B25		
117'	122'	053B26		
122'	127'	053B27		
127'	128½'	053B28 — Pulphides		
128½'	134'	053B29		

Logged by A. Canby Hole Number MUH #9 Sheet Number 4

DIAMOND DRILL HOLE CROSS SECTIONS



SCALE: 1:500

MVK 5—9 D.D.H. SECTIONS (2004)

APPENDIX 4

ANALYTICAL RESULTS

ALS Chemex
EXCELLENCE IN ANALYTICAL CHEMISTRY
ALS Canada Ltd.
212 Brooksbank Avenue
North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

To: **CARLOS, ALLEN**
275 ALSEK RD
WHITEHORSE YT Y1A 4T1

Finalized Date: 12-NOV-2004
This copy reported on 15-NOV-2004
Account: TFI

CERTIFICATE VA04077990

Project:

P.O. No.:

This report is for 76 Drill Core samples submitted to our lab in Vancouver, BC, Canada on 5-NOV-2004.

The following have access to data associated with this certificate:

ALLEN CARLOS

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	
ME-MS41	50 element aqua regia ICP-MS	
ME-XRF10	Fusion XRF - Ore Grade	XRF
OA-GRA06	LOI for ME-XRF06	WST-SIM
Au-AA24	Au 50g FA AA finish	AAS

To: **CARLOS, ALLEN**
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WHITEHORSE YT Y1A 4T1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

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Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
B053812		1.88	<0.005	0.05	2.42	1.3	<10	150	1.22	0.06	4.29	0.28	55.7	29.9	92	0.27
B053813		1.72	<0.005	0.05	2.51	1	<10	70	0.98	0.03	2.78	0.22	64	33.6	108	0.22
B053814		1.70	<0.005	0.04	2.98	2	<10	120	1.21	0.02	3.77	0.35	59.7	29.7	115	0.21
B053815		1.46	<0.005	0.03	2.71	3.5	<10	90	1.26	<0.01	3.92	0.17	51.8	30.2	113	0.09
B053816		1.98	<0.005	0.04	3.04	2.5	<10	100	1.26	<0.01	3.91	0.14	55.5	32	112	0.08
B053817		1.56	<0.005	0.03	2.95	1.4	<10	110	1.1	<0.01	3.98	0.1	51.8	29.3	107	0.05
B053818		1.66	<0.005	0.03	2.35	1.2	<10	80	0.86	<0.01	4.15	0.09	54.3	24.4	100	0.08
B053819		1.40	<0.005	0.04	3.04	0.6	<10	90	1.84	0.01	3.82	0.1	60.8	27.6	86	0.83
B053820		1.76	<0.005	0.04	2.05	0.9	<10	120	1.96	0.01	2.14	0.11	60.4	28.9	90	0.89
B053821	MVK 9	1.94	<0.005	0.03	2.81	1.2	<10	160	1.26	<0.01	3.64	0.08	56.3	29	93	1.21
B053822		1.60	<0.005	0.04	2.38	0.6	<10	170	1.19	0.01	4.97	0.13	61.4	29.8	91	1.2
B053823		2.10	<0.005	0.03	2.72	4.5	<10	110	0.96	<0.01	3.7	0.13	58.6	31.4	111	0.13
B053824		1.86	<0.005	0.04	2.65	8.8	<10	100	0.91	<0.01	4.07	0.17	62.1	33.9	112	0.09
B053825		1.64	<0.005	0.04	3.35	6.4	<10	140	1.32	<0.01	2.53	0.13	66.8	32.9	111	0.18
B053826		1.54	<0.005	0.52	2.59	6.5	<10	90	0.97	<0.01	2.91	0.14	60.3	32.4	93	0.24
B053827		1.42	<0.005	0.18	2.99	5.6	<10	110	1.31	0.01	2.43	0.16	63.6	32.3	89	0.2
B053828		0.94	<0.005	0.04	2.33	17.8	<10	80	1.08	0.02	2.18	0.48	62	29.5	81	0.28
B053829		1.70	<0.005	0.05	2.23	2	<10	160	0.98	0.03	2.96	0.19	57.1	26.8	69	0.39
B053830		1.74	<0.005	0.08	2.89	1.9	10	120	1.34	0.07	1.17	0.29	60.1	26.2	58	0.99
B053831		1.26	<0.005	0.07	2.13	1	<10	100	1.23	0.07	1.31	0.27	59.5	27.2	47	1
B053832		1.86	<0.005	0.07	2.47	1.9	<10	120	1.01	0.06	1.26	0.23	61	34.3	56	0.76
B053833		1.74	<0.005	0.08	2.6	2.6	<10	130	1.37	0.09	1.22	0.28	55.8	27.4	59	1.04
B053834		1.88	<0.005	0.04	2.2	5.8	<10	80	0.88	0.02	2.92	0.19	66	34.5	89	0.26
B053835		1.88	<0.005	0.04	2.16	9.1	<10	90	1	0.03	1.86	0.13	60.4	37.4	80	0.5
B053836	MVK 5	1.54	<0.005	0.04	2.54	4.2	<10	100	0.75	0.02	3.13	0.14	56.6	36.4	83	0.46
B053837		1.34	<0.005	0.08	2.16	4.6	<10	140	0.82	0.07	6.37	0.23	45.7	24.5	43	0.94
B053838		1.16	<0.005	0.11	2.82	4.4	<10	150	1.4	0.08	2.34	0.26	57.8	29.6	61	1.22
B053839		1.34	<0.005	0.03	2.61	0.8	<10	120	0.66	<0.01	4.52	0.04	55.7	31	96	1.1
B053840		1.68	<0.005	0.03	2.7	0.5	<10	110	0.71	<0.01	4.46	0.03	55.1	28.7	93	0.95
B053841		1.68	<0.005	0.03	2.47	0.2	<10	70	0.67	<0.01	5.83	0.03	52.8	27.2	87	0.92
B053842		1.46	<0.005	0.04	2.78	0.4	<10	90	0.83	<0.01	5.39	0.03	56.6	26.5	94	1.54
B053843		1.70	<0.005	0.02	2.63	0.5	<10	90	0.83	<0.01	5	0.04	55	30.6	92	1.26
B053844		1.70	<0.005	0.03	2.81	0.9	<10	110	0.94	<0.01	5.08	0.04	55.2	38.4	94	1.21
B053845		2.24	<0.005	0.03	2.31	1	<10	80	0.7	<0.01	4.22	0.05	52	40.6	92	0.74
B053846	MVK 7	1.70	<0.005	0.02	2.19	1	<10	120	0.69	<0.01	3.84	0.06	49.6	33.2	88	0.08
B053847		1.48	<0.005	0.03	2.19	1.1	<10	100	0.72	<0.01	2.7	0.06	49.9	30.5	92	0.09
B053848		1.62	<0.005	0.03	1.96	1.4	<10	90	0.58	<0.01	2.8	0.09	50.9	30.6	93	0.1
B053849		1.70	<0.005	0.03	2.14	1.5	<10	110	0.66	<0.01	3.39	0.06	50.7	31.6	91	0.07
B053850		1.68	<0.005	0.04	2.39	1.5	<10	100	0.92	<0.01	3.68	0.08	57.1	31.2	86	0.24
B053851		1.50	<0.005	0.04	1.92	3.7	<10	110	0.45	0.04	4.23	0.09	50.4	33.4	86	0.12

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Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41	ME-MS41
	Analyte	Cu	Fe	Ga	Ge	Hf	Hg	In	K	La	Li	Mg	Mn	Mo	Na	Nb
	Units	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm
	LOR	0.2	0.01	0.05	0.05	0.02	0.01	0.005	0.01	0.2	0.1	0.01	5	0.05	0.01	0.05
B053812		31.9	6.97	7.79	0.13	0.11	0.05	0.052	0.12	27.5	9.6	2.2	1870	2.82	0.38	0.07
B053813		42.7	7.33	8.77	0.17	0.3	0.05	0.061	0.11	27.9	12.6	1.92	1055	0.85	0.26	0.14
B053814		39	6.83	9.73	0.13	0.19	0.05	0.059	0.15	28.4	10.9	1.86	1200	0.9	0.32	0.12
B053815		35.9	8.01	10.05	0.15	0.18	0.05	0.063	0.08	29.7	10.9	2.18	1455	3.2	0.21	0.1
B053816		36.8	8.2	10.95	0.14	0.27	0.05	0.058	0.11	29.9	9.3	2.18	1495	3.52	0.34	0.17
B053817		40.1	7.09	10.6	0.13	0.33	0.03	0.054	0.11	25.9	9.6	1.86	1310	1.59	0.34	0.21
B053818		33.4	5.47	8.75	0.11	0.33	0.02	0.049	0.06	25.1	8.1	1.58	1160	0.8	0.25	0.21
B053819		31.4	6.32	9.63	0.13	0.38	0.02	0.054	0.07	30.1	10.2	1.9	1245	0.79	0.63	0.28
B053820		35.3	6.46	7.2	0.12	0.07	0.01	0.045	0.09	29.4	7.9	1.93	1090	0.68	0.59	0.33
B053821	MVK 9	31.3	7.16	8.59	0.11	0.3	0.01	0.049	0.08	28.4	4.7	2.44	1380	1.35	0.7	0.14
B053822		37.1	6.44	8.11	0.15	0.19	0.01	0.059	0.06	28.7	6.5	2.1	1525	0.54	0.61	0.12
B053823		41.8	7.32	9.61	0.14	0.17	0.02	0.044	0.09	25.7	8.7	2.37	1380	4.13	0.29	0.08
B053824		47.8	7.25	9.24	0.15	0.21	0.03	0.047	0.1	27.2	10	2.41	1440	6.76	0.23	0.08
B053825		53.1	7.07	10.4	0.15	0.31	0.04	0.055	0.18	30.7	11.6	2.31	960	6.16	0.39	0.1
B053826		40.7	6.81	8.39	0.14	0.26	0.02	0.051	0.1	27.5	10.9	2.42	1410	4.91	0.35	0.07
B053827		38	7.43	9.18	0.14	0.22	0.02	0.058	0.16	32.6	9.5	2.54	1685	6.59	0.49	0.07
B053828		33.6	7.03	8.39	0.13	0.3	0.06	0.059	0.11	33.7	9.7	2.04	1310	55.6	0.38	0.09
B053829		26.9	6.73	6.94	0.12	0.21	0.01	0.045	0.1	25.9	10.2	2.36	1435	5.95	0.44	0.05
B053830		32.8	6.05	7.95	0.13	0.22	0.04	0.053	0.31	25	9	1.68	1120	0.49	0.66	0.05
B053831		35.7	5.71	6.58	0.14	0.24	0.03	0.055	0.2	26.1	8.4	1.61	1115	0.5	0.61	0.05
B053832		36.1	6.16	7.5	0.15	0.21	0.04	0.053	0.22	25.9	7.3	1.77	1220	0.51	0.6	0.05
B053833		35.1	5.95	7.36	0.14	0.21	0.07	0.05	0.29	25	7.8	1.62	1145	0.52	0.58	<0.05
B053834		39.8	5.85	7.52	0.14	0.18	0.1	0.058	0.09	29.7	8.1	2.1	1260	4.66	0.53	0.06
B053835	MVK 5	41.5	6.36	7.63	0.14	0.25	0.12	0.055	0.12	28.1	7.6	2.11	1020	2.58	0.5	0.06
B053836		37.5	6.87	8.25	0.16	0.2	0.05	0.056	0.12	26.7	8.1	2.22	1465	4.95	0.5	0.08
B053837		29	5.37	6.54	0.11	0.23	0.04	0.045	0.16	22.5	11.5	1.5	1350	3.02	0.5	0.05
B053838		34.9	5.36	8.13	0.13	0.21	0.03	0.057	0.21	25	13.2	1.69	1170	3.41	0.7	0.05
B053839		32.9	7.05	9.7	0.21	0.08	0.02	0.036	0.03	27	6.3	2.18	1595	0.59	0.28	0.13
B053840		31.9	7.12	10.1	0.18	0.11	0.03	0.035	0.05	24.8	7.4	2.1	1615	0.61	0.29	0.1
B053841		31.5	7.1	9.74	0.16	0.09	0.02	0.034	0.03	26.8	7	2.13	1830	0.68	0.26	0.1
B053842		38.5	6.72	10.65	0.16	0.11	0.04	0.038	0.04	28.5	7.5	2.21	1745	0.82	0.43	0.07
B053843		29.4	7.25	10.4	0.19	0.08	0.02	0.042	0.03	27	7.5	2.47	1920	0.74	0.38	0.07
B053844		32.8	6.91	10.35	0.16	0.12	0.02	0.047	0.06	28	9	2.29	1775	1.24	0.44	0.07
B053845	MVK 7	32.8	7.09	9.95	0.15	0.08	0.02	0.047	0.04	28	8	2.37	1775	1.19	0.26	0.06
B053846		30.8	8.03	9.38	0.15	0.14	0.03	0.048	0.1	25.6	7.9	2.45	2260	0.97	0.14	0.08
B053847		33.6	7.85	9.4	0.16	0.14	0.03	0.054	0.09	26.5	8.5	2.38	1990	0.86	0.16	0.08
B053848		31.4	7.21	8.54	0.16	0.1	0.03	0.05	0.07	26.1	7.4	2.17	1770	0.9	0.14	0.07
B053849		33.1	7.42	8.59	0.17	0.14	0.02	0.053	0.11	26.9	7.6	2.17	1925	1.06	0.2	0.08
B053850		33.6	7.01	8.46	0.14	0.21	0.02	0.054	0.13	24.4	7	2.03	1730	0.96	0.16	0.07
B053851		48.1	5.94	7.63	0.14	0.18	0.04	0.052	0.13	25.2	4.8	1.5	1585	2.75	0.26	0.12

ALS Chemex

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To: CARLOS, ALLEN
275 ALSEK RD
WHITEHORSE YT Y1A 4T1

Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Tl % 0.005
B053812		61.6	2930	7.3	6.4	<0.001	0.05	0.15	10.8	0.6	1.2	211	<0.01	<0.01	4.2	0.016
B053813		72.3	2850	3.3	6.5	<0.001	0.06	0.12	12	0.6	1.4	123	<0.01	<0.01	4.5	0.042
B053814		61.5	3210	2.3	5.9	<0.001	0.07	0.15	10.8	0.7	1.6	190.5	<0.01	<0.01	3.8	0.049
B053815		70.9	2870	1	2.7	0.002	0.33	0.13	10	0.8	1.2	155.5	<0.01	<0.01	3.5	0.031
B053816		77.8	2820	1.2	3.3	0.001	0.33	0.14	11.2	0.6	1.3	185	0.01	<0.01	3.5	0.091
B053817		70	2700	1.3	2.6	<0.001	0.13	0.09	11.4	0.6	1.4	203	<0.01	<0.01	3.5	0.172
B053818		52.9	2620	0.7	1.4	<0.001	0.09	0.08	10	0.5	1.3	193.5	<0.01	<0.01	3.4	0.17
B053819		56.4	2760	0.9	2.6	<0.001	0.06	0.05	10.6	0.5	1.3	247	<0.01	<0.01	3.4	0.18
B053820	MVK 9	58.8	2920	0.9	4.8	<0.001	0.04	0.06	8.4	0.5	1.2	140	0.01	<0.01	2.9	0.172
B053821		55.3	2810	1.1	2.8	0.001	0.1	0.06	7.6	0.5	1.3	238	0.01	<0.01	2.5	0.048
B053822		63.5	2730	0.8	2.6	<0.001	0.09	<0.05	10.2	0.6	1.1	223	<0.01	<0.01	3.2	0.029
B053823		68	3050	0.8	2.6	0.001	0.33	0.11	7.9	1.6	1.2	172.5	<0.01	<0.01	3.5	0.026
B053824		64.6	2950	1.2	4.3	0.001	0.46	0.16	10.1	3.9	1.2	180.5	<0.01	<0.01	3.7	0.03
B053825		66.8	3150	1.5	8.7	0.001	0.4	0.15	11.2	3.8	1.4	208	<0.01	<0.01	4.4	0.049
B053826		67.2	2650	1.3	5.5	0.001	0.36	0.12	9.2	2	1.2	180.5	<0.01	<0.01	4.2	0.02
B053827		65.2	2910	1.9	8.1	0.002	0.58	0.1	9.6	1.4	1.3	214	<0.01	<0.01	4.3	0.017
B053828		74.4	2920	2.5	5.7	0.012	1.26	0.33	8	2.7	1.3	187.5	<0.01	<0.01	4.1	0.01
B053829		58.3	2620	2.3	6.2	0.001	0.25	0.08	8.3	0.6	1.1	183	0.01	<0.01	3.9	0.007
B053830		51.8	1510	4.5	19.4	<0.001	0.03	0.09	10	0.6	1.4	151	0.01	0.01	5.5	0.014
B053831		50.7	1770	3.4	13.6	<0.001	0.03	0.07	9.2	0.5	1.3	134.5	0.01	<0.01	5.2	0.009
B053832		59.8	2010	3.7	14.2	<0.001	0.03	0.07	9.3	0.6	1.3	134	0.01	<0.01	4.9	0.013
B053833		52.4	1420	4.4	19.2	<0.001	0.03	0.07	9.5	0.6	1.3	129	<0.01	0.01	5.5	0.013
B053834	MVK 5	74.8	3190	2.8	5.1	0.001	0.21	0.13	8.9	0.8	1.3	160	0.01	<0.01	4.7	0.009
B053835		81.3	2580	2.9	8.5	0.001	0.35	0.14	9.1	0.8	1.2	138.5	0.01	0.01	4.7	0.008
B053836		72.7	2750	2.7	6.4	<0.001	0.13	0.14	9	0.6	1.4	197	0.01	<0.01	4.7	0.012
B053837		50.1	1560	5.9	11	0.001	0.09	0.18	7.5	0.6	1.1	304	<0.01	<0.01	4.8	0.008
B053838		57.3	1900	6.2	13.6	0.001	0.1	0.2	9.6	0.7	1.5	181.5	0.01	<0.01	5.7	0.01
B053839		58.3	2610	0.8	0.8	<0.001	0.01	<0.05	6.2	0.5	1.2	227	0.01	<0.01	3.5	0.023
B053840		55.7	2460	0.8	1.2	<0.001	0.02	<0.05	6.3	0.4	1	282	0.01	<0.01	3.6	0.025
B053841		59.4	2370	0.5	0.6	<0.001	0.02	<0.05	6.7	0.5	0.9	356	0.01	<0.01	3.4	0.025
B053842		57.5	2540	0.7	0.9	<0.001	0.02	<0.05	6.6	0.5	0.9	284	<0.01	<0.01	3.6	0.033
B053843		92.6	2570	0.6	0.7	<0.001	0.03	<0.05	7.2	0.4	1	207	<0.01	<0.01	3.9	0.011
B053844		113	2580	0.9	1.2	<0.001	0.06	<0.05	7.1	0.6	1.2	284	<0.01	<0.01	3.9	0.019
B053845	MVK 7	115.5	2570	0.9	0.8	<0.001	0.05	<0.05	6.4	0.6	1.1	227	<0.01	<0.01	3.8	0.012
B053846		81.2	2430	1	1.9	<0.001	0.08	<0.05	6.9	1.1	1.1	174.5	<0.01	<0.01	3.5	0.021
B053847		67.6	2150	1	1.7	<0.001	0.06	<0.05	7.3	0.9	1.2	131.5	<0.01	<0.01	3.7	0.019
B053848		63.4	2440	1	1.4	<0.001	0.08	0.05	6.4	1	1.1	113.5	<0.01	<0.01	3.9	0.013
B053849		64	2460	1.1	2.1	<0.001	0.08	0.05	6.9	0.9	1.2	155.5	<0.01	<0.01	3.8	0.023
B053850		61.4	2450	1.3	6	<0.001	0.08	0.05	8.4	1.7	1.2	170	<0.01	<0.01	4	0.017
B053851		62.8	2350	1.6	3.6	<0.001	0.37	0.1	6.6	5	1.3	191.5	<0.01	<0.01	3.6	0.027

ALS Chemex

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To: CARLOS, ALLEN
275 ALSEK RD
WHITEHORSE YT Y1A 4T1

Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method Analyte Units LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	ME-XRF10 W % 0.01
B053812		0.08	1.07	105	<0.05	18.45	62	3.4	
B053813		0.07	0.7	124	<0.05	18.05	79	6.6	
B053814		0.06	0.85	133	<0.05	18.15	63	5.7	
B053815		0.07	0.71	144	<0.05	16.25	68	5.4	
B053816		0.05	0.67	143	<0.05	17.95	76	8.2	
B053817		0.03	0.66	152	<0.05	15.5	66	9.4	
B053818		0.04	0.51	131	0.05	15.55	56	8	
B053819		0.02	0.58	118	<0.05	16.95	73	10.4	
B053820		<0.02	0.56	120	<0.05	17.1	83	4.3	
B053821	MVK 9	<0.02	0.58	137	<0.05	17.5	61	6.5	
B053822		0.02	0.45	127	<0.05	18.2	48	5.4	
B053823		0.04	1.14	223	<0.05	16.8	65	4.8	
B053824		0.03	1.07	218	<0.05	18.4	69	4.7	
B053825		0.03	1.23	224	<0.05	20.2	76	7	
B053826		0.03	1.16	162	0.13	17.3	80	5.5	
B053827		0.04	1.12	162	0.07	19.45	79	4.9	
B053828		0.22	1.88	141	<0.05	18.25	66	6	
B053829		0.03	0.97	103	<0.05	17.8	70	4	
B053830		0.05	0.67	77	<0.05	19.55	80	4.5	
B053831		<0.02	0.6	67	<0.05	20.5	81	4.7	
B053832		0.04	0.66	83	<0.05	20.7	93	4.1	
B053833		0.05	0.94	87	<0.05	17.7	82	4.3	
B053834	MVK 5	0.03	1.37	116	<0.05	21.6	75	4.3	
B053835		0.05	1.67	109	<0.05	19.05	82	5	
B053836		0.03	1.4	112	<0.05	18.55	70	5.6	
B053837		0.05	0.68	65	<0.05	15.3	77	4.5	
B053838		0.05	0.88	89	<0.05	18.6	87	4.4	
B053839		<0.02	0.6	122	<0.05	16.05	68	2.4	
B053840		<0.02	0.7	116	<0.05	15.75	61	4.1	
B053841		<0.02	0.71	113	<0.05	16	66	2.9	
B053842		<0.02	0.8	116	<0.05	16.55	73	3.9	
B053843		<0.02	0.93	122	<0.05	15.8	59	2.5	
B053844		<0.02	0.95	122	<0.05	15.45	62	4	
B053845	MVK 7	<0.02	0.93	121	<0.05	14.5	56	3	
B053846		<0.02	0.9	125	<0.05	14.15	55	5.1	
B053847		<0.02	0.71	127	<0.05	13.8	58	5.6	
B053848		<0.02	0.71	129	<0.05	14.2	50	3.7	
B053849		<0.02	0.76	129	<0.05	14.65	52	5.4	
B053850		<0.02	1	136	<0.05	16.5	73	4.7	
B053851		<0.02	0.92	171	<0.05	14.6	55	6.7	

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Total # Pages: 3 (A - D)
Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA24 Au ppm 0.005	ME-MS41 Ag ppm 0.01	ME-MS41 Al % 0.01	ME-MS41 As ppm 0.1	ME-MS41 B ppm 10	ME-MS41 Ba ppm 10	ME-MS41 Be ppm 0.05	ME-MS41 Bi ppm 0.01	ME-MS41 Ca % 0.01	ME-MS41 Cd ppm 0.01	ME-MS41 Ce ppm 0.02	ME-MS41 Co ppm 0.1	ME-MS41 Cr ppm 1	ME-MS41 Cs ppm 0.05
B053852		1.48	<0.005	0.07	2.74	6.9	<10	130	0.79	0.01	2.53	0.09	55.7	36.9	95	0.22
B053853		1.20	<0.005	0.08	2.93	0.7	<10	160	0.8	<0.01	2.66	0.07	60.2	32.9	101	1.23
B053854		1.44	<0.005	0.03	2.55	0.4	<10	90	0.63	0.01	4	0.03	55.1	29.7	95	0.85
B053855		1.64	<0.005	0.03	2.85	0.5	<10	100	0.76	<0.01	4	0.03	59.8	30.6	99	1.74
B053856		1.56	<0.005	0.03	2.59	0.5	<10	80	0.76	<0.01	4.08	0.03	53.8	31.9	92	1.72
B053857	MVK 8	1.94	<0.005	0.03	2.69	0.4	<10	90	0.82	<0.01	3.42	0.03	56.9	29.7	88	1.46
B053858		1.90	<0.005	0.03	2.63	0.5	<10	80	0.92	<0.01	3.08	0.03	60.2	30.1	98	1.59
B053859		1.80	<0.005	0.03	2.69	0.5	<10	110	0.72	0.01	3.28	0.04	58.4	29.8	98	1.01
B053860		1.60	<0.005	0.03	2.14	1.3	<10	90	0.7	<0.01	4.63	0.07	54.4	31.3	94	0.24
B053861		2.18	<0.005	0.03	2.19	4.8	<10	130	0.67	<0.01	4.08	0.03	55.7	32.6	94	0.11
B053862		1.22	<0.005	0.03	2.04	2.3	<10	70	0.9	<0.01	4.65	0.08	49.3	31.1	104	0.11
B053863		1.30	<0.005	0.03	2.23	2.2	<10	80	0.94	<0.01	5	0.12	52	32.9	104	0.12
B053864		1.24	<0.005	0.04	2.53	1.8	<10	180	1.28	<0.01	3.48	0.08	54.5	31.6	110	0.13
B053865		1.44	<0.005	0.05	2.57	1.6	<10	90	0.92	<0.01	7.01	0.11	53.3	32	101	0.12
B053866		1.22	<0.005	0.05	2.46	2	<10	100	0.98	<0.01	4.21	0.09	50.4	30.8	105	0.14
B053867		1.64	<0.005	0.03	2.21	1	<10	100	0.98	<0.01	3.01	0.08	57.1	29.3	113	0.14
B053868		1.70	<0.005	0.03	2.43	1.3	<10	130	0.98	<0.01	3.86	0.09	50.4	27.7	104	0.13
B053869		1.60	<0.005	0.04	2.18	1.4	<10	100	1.04	<0.01	3.3	0.06	52.7	30.3	117	0.1
B053870		1.84	<0.005	0.03	2.59	1.4	<10	110	0.96	<0.01	4.21	0.07	53.8	32.1	118	0.12
B053871		1.30	<0.005	0.03	2.14	2	<10	80	0.81	<0.01	3.99	0.09	50.8	30.8	121	0.12
B053872		1.08	<0.005	0.04	2.5	1.5	<10	100	0.77	<0.01	3.79	0.11	50.6	31.6	119	0.12
B053873		1.62	<0.005	0.03	2.14	1.4	<10	80	0.82	<0.01	3.68	0.09	53.7	30.6	117	0.12
B053874		1.06	<0.005	0.03	2.45	1.6	<10	100	0.78	<0.01	3.48	0.08	55.9	29	115	0.12
B053875	MVK6	1.38	<0.005	0.03	2.45	1.1	<10	120	0.81	<0.01	2.91	0.07	53	26.4	118	0.13
B053876		1.76	<0.005	0.03	2.06	3.2	<10	110	0.65	<0.01	3.77	0.07	56.7	31.9	111	0.17
B053877		1.86	<0.005	0.03	2.11	2.8	<10	110	0.82	<0.01	4	0.09	55.4	34.6	108	0.15
B053878		1.64	<0.005	0.03	2.49	3.7	<10	140	0.84	<0.01	4.03	0.07	55.8	36.5	106	0.24
B053879		1.66	<0.005	0.03	2.01	3.5	<10	90	0.75	<0.01	4.03	<0.01	55.6	34.1	105	0.23
B053880		1.82	<0.005	0.03	2.2	5.3	<10	150	0.77	<0.01	3.44	0.05	50.5	30.6	98	0.06
B053881		1.60	<0.005	0.03	1.98	5.3	<10	100	0.6	<0.01	3.79	0.03	50.4	30.1	94	0.18
B053882		1.50	<0.005	0.03	3.01	3.6	<10	100	0.87	<0.01	2.62	0.08	61.4	29.4	98	0.2
B053883		2.16	<0.005	0.05	2.27	6.8	<10	110	0.79	0.01	3.17	0.03	59.9	29.8	88	0.26

ALS Chemex
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North Vancouver BC V7J 2C1 Canada
Phone: 604 984 0221 Fax: 604 984 0218

TO: CARLOS, ALLEN
275 ALSEK RD
WHITEHORSE YT Y1A 4T1

Finalized Date: 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Cu ppm 0.2	ME-MS41 Fe % 0.01	ME-MS41 Ga ppm 0.05	ME-MS41 Ge ppm 0.05	ME-MS41 Hf ppm 0.02	ME-MS41 Hg ppm 0.01	ME-MS41 In ppm 0.005	ME-MS41 K % 0.01	ME-MS41 La ppm 0.2	ME-MS41 Li ppm 0.1	ME-MS41 Mg % 0.01	ME-MS41 Mn ppm 5	ME-MS41 Mo ppm 0.05	ME-MS41 Na % 0.01	ME-MS41 Nb ppm 0.05
B053852	7	46	9.44	9.34	0.18	0.21	0.04	0.062	0.09	28.4	9.3	2.5	2050	11.95	0.32	0.07
B053853		35.2	7.67	10.5	0.16	0.13	0.02	0.039	0.06	30.3	6.6	2.17	1580	0.64	0.3	0.17
B053854		32.4	7.52	9.98	0.15	0.09	0.02	0.032	0.03	27.1	6.5	2.27	1585	0.63	0.23	0.08
B053855		34.3	7.02	10.9	0.16	0.11	0.02	0.034	0.05	27	7	2.41	1450	0.87	0.5	0.08
B053856	MVK 8	35.2	6.76	10.05	0.17	0.1	0.02	0.034	0.03	28.7	7.8	2.36	1560	0.88	0.45	0.07
B053857		31.1	7.31	10.45	0.17	0.12	0.02	0.036	0.04	28.2	9.5	2.53	1645	0.97	0.44	0.08
B053858		34.7	7.19	10.6	0.23	0.09	0.03	0.04	0.04	27.1	9.4	2.6	1525	1	0.44	0.08
B053859		33.5	6.99	10.35	0.17	0.14	0.03	0.038	0.06	28.6	8.9	2.47	1505	1.15	0.4	0.11
B053860		32.7	6.7	9.24	0.15	0.1	0.03	0.05	0.06	28.7	9.1	2.27	1865	1.8	0.17	0.06
B053861		31.8	7.32	9.15	0.15	0.18	0.02	0.055	0.11	27.9	8.7	1.95	1700	10.3	0.23	0.09
B053862		33.8	7.67	8.39	0.17	0.13	0.03	0.054	0.1	26	5.5	2.25	1630	1.57	0.11	0.1
B053863		33.5	7.54	8.02	0.14	0.16	0.03	0.059	0.1	26.4	6.7	2.2	1785	1.66	0.16	0.09
B053864		35.6	7.25	8.66	0.14	0.19	0.04	0.061	0.12	26.4	7.5	2.34	1400	1.17	0.15	0.1
B053865		31	6.25	8.38	0.14	0.17	0.03	0.053	0.13	26.4	5.5	2	1755	1.05	0.27	0.09
B053866		32.6	7.09	9.29	0.16	0.15	0.03	0.065	0.15	27.8	7.3	2.17	1405	1.72	0.26	0.1
B053867		35.5	6.79	9.42	0.16	0.14	0.02	0.064	0.1	29.6	7.2	2.34	1165	0.81	0.18	0.08
B053868		34.7	6.55	9.53	0.15	0.15	0.02	0.063	0.16	27.1	7	2.1	1400	1.1	0.26	0.11
B053869		42.4	6.76	9.29	0.15	0.15	0.02	0.064	0.1	28.1	6.6	2.23	1355	1.26	0.19	0.09
B053870		42.5	6.49	10.05	0.16	0.14	0.02	0.063	0.13	28	6.3	2.19	1550	1.24	0.29	0.09
B053871		47	6.13	9.42	0.14	0.12	0.02	0.063	0.08	27.8	5.9	2.18	1520	1.22	0.19	0.07
B053872		43	6.57	9.51	0.14	0.16	0.02	0.062	0.12	26.7	6.1	2.23	1555	1.18	0.28	0.08
B053873		38.9	6.39	9.42	0.15	0.12	0.02	0.062	0.08	28.1	6.6	2.19	1570	0.98	0.19	0.06
B053874		38.5	6.62	9.75	0.15	0.15	0.02	0.062	0.11	29.2	6.8	2.2	1500	1.18	0.25	0.08
B053875	MVK 6	40.5	6.86	9.67	0.15	0.15	0.02	0.065	0.11	28.6	8	2.21	1415	1.16	0.25	0.08
B053876		34.9	6.08	9.09	0.13	0.13	0.03	0.06	0.08	29.3	7.4	2.07	1400	1.98	0.2	0.08
B053877		35.2	6.38	9.32	0.14	0.13	0.02	0.063	0.07	28.8	8.7	2.14	1450	3.07	0.19	0.07
B053878		33.7	7.25	9.62	0.15	0.18	0.02	0.068	0.1	29.2	8.3	2.3	1685	3.44	0.32	0.08
B053879		33.4	6.75	8.58	0.14	0.14	0.01	0.065	0.06	29.2	7.7	2.08	1675	21.5	0.25	0.07
B053880		31.6	6.94	8.99	0.15	0.19	0.01	0.065	0.1	26.9	8.2	2.02	1480	8.86	0.27	0.09
B053881		31.7	6.75	8.26	0.13	0.15	0.02	0.064	0.07	27.6	8	1.92	1655	15.2	0.22	0.07
B053882		37.2	7.76	10.75	0.17	0.22	0.04	0.072	0.11	33.2	11.2	2.39	1225	2.41	0.29	0.07
B053883		34.5	6.77	8.95	0.15	0.29	0.04	0.064	0.08	31.3	10.4	2.05	1480	18.5	0.25	0.07

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WHITEHORSE YT Y1A 4T1

Total # Pages: 3 (A - D)
Finalized Da 12-NOV-2004
Account: TFI

CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Ni ppm 0.2	ME-MS41 P ppm 10	ME-MS41 Pb ppm 0.2	ME-MS41 Rb ppm 0.1	ME-MS41 Re ppm 0.001	ME-MS41 S % 0.01	ME-MS41 Sb ppm 0.05	ME-MS41 Sc ppm 0.1	ME-MS41 Se ppm 0.2	ME-MS41 Sn ppm 0.2	ME-MS41 Sr ppm 0.2	ME-MS41 Ta ppm 0.01	ME-MS41 Te ppm 0.01	ME-MS41 Th ppm 0.2	ME-MS41 Tl % 0.005
B053852	7	79.2	2440	2.9	4.2	0.002	0.51	0.08	9.4	5.3	1.4	177.5	<0.01	<0.01	4.2	0.014
B053853		65.8	2670	1.1	1.7	<0.001	0.01	<0.05	6.4	0.5	1.3	158.5	0.01	<0.01	3.7	0.03
B053854		64.8	2450	0.5	0.9	<0.001	0.02	<0.05	6.3	0.4	0.9	247	0.01	<0.01	3.6	0.025
B053855		59.3	2610	0.7	1	<0.001	0.02	<0.05	5.9	0.5	1.1	235	<0.01	<0.01	3.7	0.038
B053856	MVK 8	66.6	2450	0.7	0.8	<0.001	0.03	<0.05	6.2	0.4	1	200	<0.01	<0.01	3.6	0.019
B053857		81.3	2490	0.9	1	<0.001	0.03	<0.05	6.1	0.4	1.2	194	0.01	<0.01	3.5	0.019
B053858		71	2600	0.8	1.2	<0.001	0.05	<0.05	6.3	0.4	1.2	161	<0.01	<0.01	3.4	0.02
B053859		75.2	2460	0.9	1.4	<0.001	0.05	<0.05	6.5	0.4	1.2	164.5	0.01	<0.01	3.7	0.037
B053860		145	2490	1	1.1	0.001	0.11	<0.05	6.8	0.5	1.2	150.5	<0.01	<0.01	3.9	0.011
B053861		79.8	2350	1.4	2.4	0.002	0.77	0.06	7.5	0.5	1.3	204	<0.01	<0.01	3.9	0.022
B053862		71	3260	0.7	4.5	<0.001	0.09	0.07	9	0.5	1.3	132	<0.01	0.01	3.2	0.026
B053863		64.6	2910	1.1	3.5	0.001	0.07	<0.05	8.8	0.5	1.2	217	<0.01	0.01	3.3	0.033
B053864		57	2460	1.1	4.7	<0.001	0.06	0.12	8.9	0.5	1.5	124	<0.01	<0.01	3.7	0.056
B053865		63.9	2750	1	5	0.001	0.08	<0.05	8.4	0.5	1.3	356	<0.01	<0.01	3.6	0.034
B053866		65.7	3110	1.4	6.7	<0.001	0.09	0.09	7.9	0.7	1.3	211	0.01	<0.01	4.1	0.031
B053867		61.2	3230	0.7	5.3	<0.001	0.05	<0.05	7.5	0.5	1.3	127	0.01	0.01	3.8	0.029
B053868		52.5	3260	0.7	7.5	<0.001	0.06	0.06	8.1	0.5	1.2	187.5	0.01	<0.01	4	0.046
B053869		58.6	3680	0.5	4.3	<0.001	0.06	0.06	8.3	0.6	1.2	137.5	0.01	<0.01	3.8	0.038
B053870		61.2	3290	0.6	4.4	<0.001	0.06	0.07	8.6	0.7	1.3	186	0.01	<0.01	4.2	0.04
B053871		63.1	3010	0.5	2.5	<0.001	0.07	0.06	8.4	0.8	1.2	157.5	0.01	<0.01	3.7	0.021
B053872		62.1	2830	0.6	3.6	<0.001	0.06	0.07	8.1	0.7	1.2	194.5	<0.01	<0.01	4	0.033
B053873		56	2870	0.5	2.2	<0.001	0.05	0.06	8	0.7	1.2	153	<0.01	<0.01	4	0.021
B053874	MVK 6	53.5	2800	0.7	2.6	<0.001	0.07	0.08	7.8	0.7	1.3	178	0.01	<0.01	4	0.035
B053875		51.3	2400	0.7	2.3	<0.001	0.06	0.06	7.7	0.9	1.3	160	<0.01	0.01	4.2	0.037
B053876		62.1	2650	0.7	1.9	<0.001	0.11	0.06	7.8	1.5	1.3	198	<0.01	<0.01	4.1	0.021
B053877		73.3	2430	0.7	1.4	<0.001	0.17	0.05	7.8	0.6	1.2	156	0.01	<0.01	4.1	0.014
B053878		77.4	2540	0.9	2	<0.001	0.17	0.05	8.4	0.5	1.3	203	<0.01	<0.01	4.1	0.025
B053879		76.2	2560	0.8	1.1	<0.001	0.19	<0.05	7.8	0.5	1.2	173.5	<0.01	<0.01	4	0.014
B053880		57.6	2170	0.8	1.9	0.001	0.31	0.06	8	0.4	1.3	183	<0.01	<0.01	3.7	0.024
B053881		57.3	2230	0.9	1.7	<0.001	0.38	0.08	8	1.1	1.2	196	<0.01	<0.01	3.7	0.015
B053882		53.5	2690	1.4	4.9	<0.001	0.28	0.08	9.4	2.8	1.5	175.5	<0.01	<0.01	4.6	0.024
B053883		51.6	2640	2.1	4	0.003	0.48	0.15	8.6	3.9	1.8	202	0.01	0.01	4.2	0.011

ALS Chemex

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275 ALSEK RD
WHITEHORSE YT Y1A 4T1

Finalized Date: 12-NOV-2004
Account: TFI

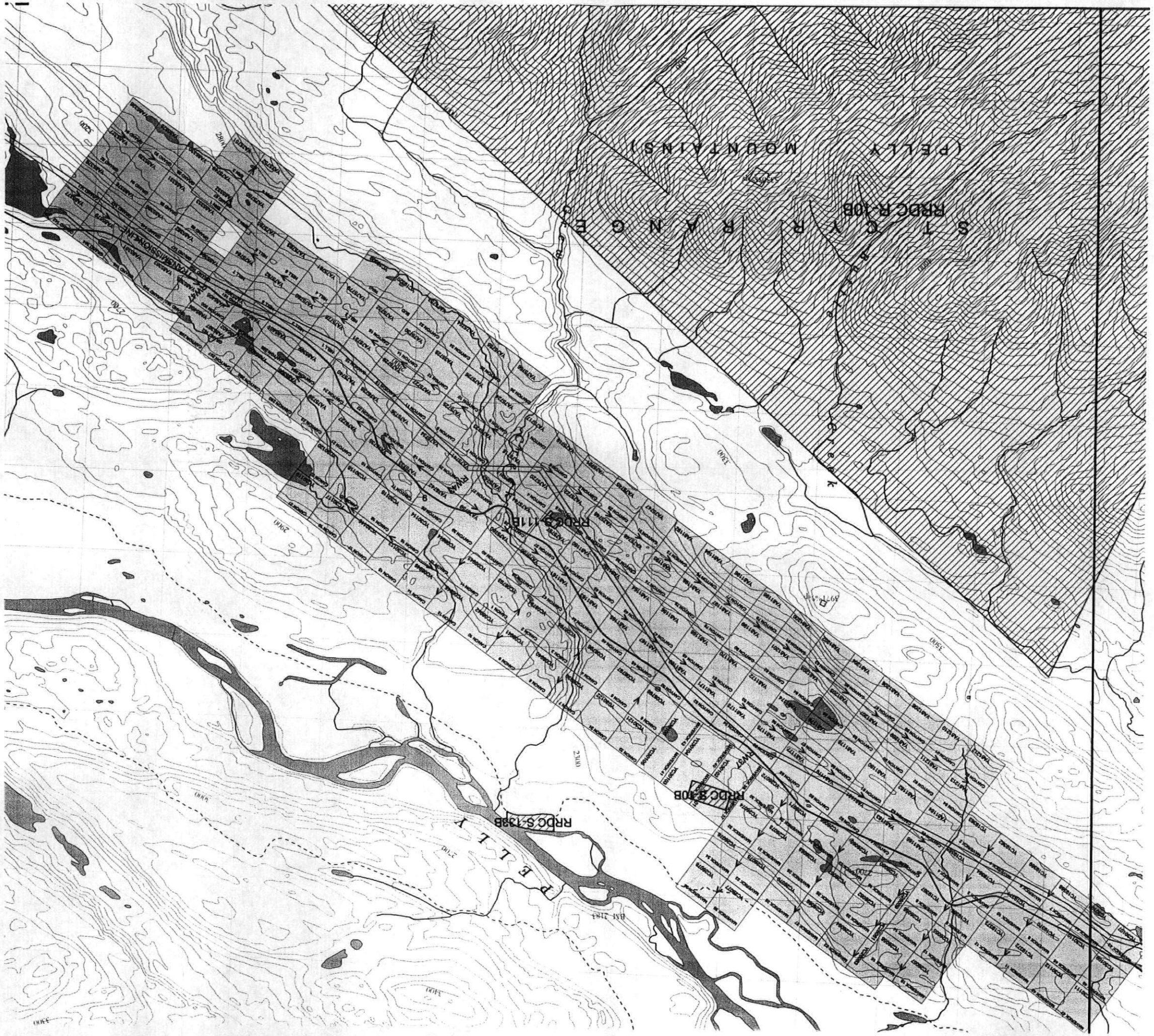
CERTIFICATE OF ANALYSIS VA04077990

Sample Description	Method / Analyte / Units / LOR	ME-MS41 Tl ppm 0.02	ME-MS41 U ppm 0.05	ME-MS41 V ppm 1	ME-MS41 W ppm 0.05	ME-MS41 Y ppm 0.05	ME-MS41 Zn ppm 2	ME-MS41 Zr ppm 0.5	ME-XRF10 W % 0.01
B053852		<0.02	1.32	165	<0.05	15.85	94	5.6	
B053853		<0.02	0.67	125	0.05	16.35	67	4.4	
B053854		<0.02	0.79	118	<0.05	15.6	65	2.9	
B053855		<0.02	0.71	119	<0.05	16.7	71	4.1	
B053856		<0.02	0.62	115	<0.05	15.55	60	3	
B053857		<0.02	0.64	118	<0.05	15.8	61	4.2	
B053858		<0.02	0.65	123	<0.05	15.4	62	2.8	
B053859		<0.02	0.75	121	<0.05	15.05	64	5.3	
B053860		<0.02	0.97	118	<0.05	14.3	50	3	
B053861		<0.02	1.33	135	<0.05	14.55	60	6.3	
B053862		<0.02	0.81	128	<0.05	16.7	65	4	
B053863		<0.02	0.8	127	<0.05	16.95	67	4.7	
B053864		<0.02	0.74	131	<0.05	15.65	72	4.6	
B053865		<0.02	0.71	132	<0.05	16.85	59	5.7	
B053866		<0.02	0.75	149	0.05	17.05	68	5.7	
B053867		<0.02	0.66	160	<0.05	17.55	63	4.4	
B053868		<0.02	0.79	168	<0.05	17	68	6	
B053869		<0.02	0.86	176	<0.05	18.5	70	4.9	
B053870		<0.02	0.95	179	<0.05	17.7	69	5.4	
B053871		<0.02	0.81	181	<0.05	17.05	61	4.2	
B053872		<0.02	0.83	175	<0.05	16.25	64	5.9	
B053873		<0.02	0.81	163	<0.05	16.45	54	3.9	
B053874		<0.02	0.86	162	<0.05	17.15	61	5.7	
B053875		<0.02	0.81	163	<0.05	15.6	63	5.5	
B053876		<0.02	0.89	159	<0.05	16.15	69	4	
B053877		<0.02	1.02	156	<0.05	16	56	3.8	
B053878		<0.02	1.08	151	<0.05	16.7	63	6.2	
B053879		<0.02	0.94	148	<0.05	17.35	63	4.6	
B053880		<0.02	0.96	142	<0.05	15	65	7.1	
B053881		<0.02	0.75	153	<0.05	14.75	68	5.2	
B053882		<0.02	1.3	201	<0.05	18.05	82	6.8	
B053883		0.02	1.3	162	<0.05	18.3	76	6.4	

APPENDIX 5

LIST OF CLAIMS

CLAIM MAP


STUCKY RANGE
(PELLY MOUNTAINS)
RRDC R-10B
RRDC S-13B
RRDC S-11B
RRDC S-10B
PELLY

Yukon
Energy, Mines and Resources

Claim Status Report

12 January 200

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	NTS #'s
CANON 1 - 6	YC08793 - YC08798	2016/12/27	A.M. Carlos	100.00	105K02
CANON 7 - 14	YC08939 - YC08946	2016/12/27	A.M. Carlos	100.00	105K02
CANON 15 - 24	YC30113 - YC30122	2005/10/01	A.M. Carlos	100.00	105K02
CANYON 1 - 16	YA75717 - YA75732	2023/12/27	A.M. Carlos	100.00	105K02
CANYON 17 - 26	YA75733 - YA75742	2021/12/27	A.M. Carlos	100.00	105K02
CANYON 27 - 32	YA75743 - YA75748	2023/12/27	A.M. Carlos	100.00	105K02
CANYON 33 - 40	YA75753 - YA75760	2023/12/27	A.M. Carlos	100.00	105K02
CANYON 41 - 50	YA81160 - YA81169	2019/12/27	A.M. Carlos	100.00	105K02
CANYON 51 - 56	YA81170 - YA81175	2020/12/27	A.M. Carlos	100.00	105K02
CANYON 57 - 66	YA81176 - YA81185	2016/12/27	A.M. Carlos	100.00	105K02
CANYON 73 - 78	YA81192 - YA81197	2019/12/27	A.M. Carlos	100.00	105K02
CANYON 79 - 84	YA81198 - YA81203	2020/12/27	A.M. Carlos	100.00	105K02
CANYON 85 - 94	YA81204 - YA81213	2016/12/27	A.M. Carlos	100.00	105K02
CANYON 293 - 300	YA85398 - YA85405	2018/12/27	A.M. Carlos	100.00	105K02
DOZER 1 - 14	YC18135 - YC18148	2008/08/12	A.M. Carlos	100.00	105K03
GRAND 91	YA85326	2012/12/27	A.M. Carlos	100.00	105K02
GRAND 92	YA85327	2013/12/27	A.M. Carlos	100.00	105K02
GRAND 93 - 98	YA85328 - YA85333	2016/12/27	A.M. Carlos	100.00	105K02
GRAND 141	YA85376	2013/12/27	A.M. Carlos	100.00	105K02
GRAND 142	YA85377	2012/12/27	A.M. Carlos	100.00	105K02
GRAND 143 - 148	YA85378 - YA85383	2016/12/27	A.M. Carlos	100.00	105K02
GRAND 159	YA85394	2012/12/27	A.M. Carlos	100.00	105K02
GRAND 160 - 162	YA85395 - YA85397	2016/12/27	A.M. Carlos	100.00	105K02
KAOLIN 1 - 3	YC18762 - YC18764	2010/09/17	A.M. Carlos	100.00	105K03
KAOLIN 4 - 10	YC19300 - YC19306	2007/09/17	A.M. Carlos	100.00	105K03
KAOLIN 11 - 12	YC19374 - YC19375	2008/09/17	A.M. Carlos	100.00	105K03
MAVERICK 1 - 12	YC19362 - YC19373	2012/06/15	A.M. Carlos	100.00	105K02
MAVERICK 13 - 36	YC26055 - YC26078	2008/06/15	A.M. Carlos	100.00	105K02
MAVERICK 37 - 48	YC30101 - YC30112	2005/10/01	A.M. Carlos	100.00	105K02, 105K03

Criteria(s) used for search:

CLAIM NTS: 105K02 , 105K03 CLAIM STATUS: ACTIVE & PENDING OWNER(S): CARLOS A.M. REGULATION TYPE: QUARTZ

Total claims selected : 2

Left column indicator legend:

R - Indicates the claim is on one or more pending renewal(s).

P - Indicates the claim is pending.

Right column indicator legend:

L - Indicates the Quartz Lease.

F - Indicates Full Quartz fraction (25+ acres)

P - Indicates Partial Quartz fraction (<25 acres)

D - Indicates Placer Discovery

C - Indicates Placer Codiscovery

B - Indicates Placer Fraction

GRID 9+000W HOLE NO MVK 5 COORDINATES 9+937.5 N
BEARING 225° Az ANGLE -45° DEPTH 184 ft.

FROM	TO	DESCRIPTION
0′	45′	
45′	131′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR #1 and #6 of petrographic report by J. Harris.
		Generally of a fine grained nature. 55′ - 58′ - sheer faces with qtz. calcite -
		essentially parallel to core axis.
		66′ - Qtz. calcite fracture 10° CA
		72½′ - 6 " clay alt.
		78½′ - 80′ clay alt.
		90′ - 92′ clay alt.
		99′ - 100′ clay alt.
		107′ - Series of fractures 10° CA
		112′ - 131′ - A relatively larger fragment pyroclastic.
		124′ - 127′ - A prominent section of qtz. calcite veining – parallel to CA
131′	165′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are most often made up of previously brecciated material,
		together with variable no's of carbonate basalt (MVR#5). Clasts hosting
		dark pyrobitumen grains and globules are ubiquitous.
		This unit intercept has a consistent variable dark gray cast and is well
		indurated (siliceous).
165′	184′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR#1 and #6 of petrographic report by J. Harris.
		165′ - 172′ - A relatively larger fragment pyroclastic.
		172′ - 177′ - Very clay rich (Smectite)? Major fractures to 60° CA.
		Fault Zone. **E.O.H.**
		PYROBITUMEN – GRAINS + GLOBULES
		45′ - 131′ - Minor + some noted in coarser fragment material.
		131′ - 150′ - Moderate – at times more noted in preferred fragments.
		150′ - 165′ - Abundant.
		165′ - 170′ - Moderate.
		170′ - 184′ - Not noted – clay alt. section.

Logged by _____ Hole Number MVK #5 Sheet Number 1

FROM	TO	DESCRIPTION
		MAGNETICS – NONE.
		CARBONATE
		Generally calcareous along fractures and thin veinlets.
		150′ - 165′ - Along fractures and patches of spotty textured qtz. calcite.
		SILICIFICATION
		45′ - 124′ - Soft.
		124′ - 139′ - Minor silicification.
		139′ - 150′ - Moderate.
		150′ - 165′ - Intense → 165′ - 184′ - Soft
		NOTE – THE FOLLOWING CORRELATION:
		1. 150′ - 165′ - Strong silicification.
		2. 150′ - 165′ - Greater pyrobitumen presence.
		3. 150′ - 165′ - Spotty textured qtz. calcite.
		All above: Near a structural zone.
		MVK#5 ASSAY INTERVALS
131 ft.	136 ft.	053830
136	141	053831
141	146	053832
146	151	053833
151	156	053834
156	161	053835
161	165	053836
165	170	053838
123	127½	053837

Logged by _____ Hole Number MVK #5 Sheet Number 2

GRID 9+000W HOLE NO. MVK 6 COORDINATES 9+937.5N
BEARING 45° Az ANGLE -45° DEPTH 164½ ft.

FROM	TO	DESCRIPTION
0′	30′	OVBN
30′	164′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are often made up of previously brecciated material,
		together with variable no's of carbonate basalt (MVR#5). Fragments
		hosting dark pyrobitumen grains and globules are ubiquitous.
		In general – this unit is of a variable gray cast. In this instance, it is
		uniformly so – and generally of a darker color. As a result this section has a
		stronger magnetic signature (relative observation elsewhere).
		The greater portion of core is altered to a degree whereby only a shadowy
		remnant of its brecciated character is visible. The section is well indurated
		(siliceous).
		PYROBITUMEN – GRAINS + GLOBULES
		Abundant thru entire core length other than MVR#7 at end.
		MAGNETICS - Entire section magnetic.
		CARBONATE - Calcareous thru-out. Spotty textured qtz. calcite areas
		more so.
		SILICIFICATION - 30′ - 141′ - Intense
		- 141′ - 164½′ - Less siliceous – clasts more visible.
164′	164½′	**BASALTIC TUFF (BASE SURGE)?**
		A bedded – fine dark tuff. Has a distinct banded appearance.
		See Pet. report (MVR#7) – also drill hole MVK#9 for further detail.
		E.O.H.
		MVK#6 ASSAY INTERVALS
30 ft.	35 ft.	053862
35	40	053863
40	45	053864
45	50	053865
50	55	053866

Logged by _____ Hole Number MVK #6 Sheet Number 1

FROM	TO	DESCRIPTION
		MVK#6 ASSAY INTERVALS (continued)
55 ft	60 ft	053867
60	65	053868
65	70	053869
70	75	053870
75	80	053871
80	85	053872
85	90	053873
90	95	053874
95	100	053875
100	105	053876
105	110	053877
110	115	053878
115	120	053879
120	125	053880
125	130	053881
130	135	053882
135	141	053883

GRID 8+950W HOLE NO MVK 7 COORDINATES 10+000N BL
BEARING 180° Az ANGLE -45° DEPTH 102 ft.

FROM	TO	DESCRIPTION
0′	2½′	OVBN
2½′	73′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are most often made up of previously brecciated material.
		Notably lacking are carbonate basalt fragments (MVR#5). Last years
		drilling of this breccia unit (some distance to north) encountered numerous
		MVR# 5 fragments – becoming larger in size nearer the main mass.
		Some sections of core are not distinct in their fragmental character - most
		likely as a result of alteration. The section is of variable dark gray color -
		siliceous.
		Dark pyrobitumen grains and globules are ubiquitous within specific type
		clasts.
73′	102′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR#1 and #6 of petrographic report by J. Harris.
		E.O.H.
		PYROBITUMEN – GRAINS + GLOBULES
		2½′ - 73′ - Abundant. Essentially absent within 2 ft. past contact at 73 ft.
		MAGNETICS
		2½′ - 73′ - A consistent magnetic signature – more so in the darker color
		cast portions of core.
		73′ - 102′ - Non Magnetic.
		CARBONATE
		2½′ - 73′ - Calcareous along fractures and patches of spotty textured qtz.
		calcite.
		73′ - 102′ - Along fractures only.
		SILICIFICATION
		2½′ - 73′ - Intense.
		73′ - 102′ - Minor to soft core.

Logged by _____ Hole Number MVK #7 Sheet Number 1

FROM	TO	DESCRIPTION
		CLAY
		70′ - 72′ + 58′ - 59′ - The latter section of a dark gray cast.
		MVK #7 ASSAY INTERVALS
2½ ft.	7½ ft.	053839
7½	12½	053840
12½	17½	053841
17½	22½	053842
22½	27½	053843
27½	32½	053844
32½	37½	053845
37½	42½	053846
42½	47½	053847
47½	52½	053848
52½	57½	053849
57½	62½	053850
62½	67½	053851
67½	73	053852

Logged by _____ Hole Number __MVK #7_ Sheet Number 2

GRID 8+950W HOLE NO MVK 8 COORDINATES 10+000N BL
BEARING - - ANGLE VERTICAL DEPTH 60½ ft.

FROM	TO	DESCRIPTION
0′	59½′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are most often made up of previously brecciated material.
		The section 0′ - 49′ is not that distinct in its fragmental character – most
		likely due to alteration. It is interesting to note that pyrobitumen is more
		abundant from 0′ - 49′, than in the remaining 10½′ of this section, where
		fragments become readily discernible. Scattered through the breccia are a
		small proportion porphyritic basalt (MVR#5 – Pet. report) clasts.
59½′	60½′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR#1 and #6 of petrographic report by J. Harris.
		E.O.H.
		PYROBITUMEN – GRAINS + GLOBULES
		Abundant 0′ - 49′. Less prominent to 59½′ - none occur in last portion of
		basaltic fragmental.
		MAGNETICS
		Somewhat magnetic at beginning – becoming more so as core developed a
		darker color – ending at 46′ - a clay section. 46′ - 60½′ - non magnetic.
		CARBONATE
		0′ - 46′ - Along fractures and patches of spotty textured qtz. calcite.
		46′ - 60½′ - Along fractures and occasional qtz. calcite veinlets.
		SILICIFICATION
		0′ - 46′ - Intense.
		46′ - 49′ - Clay.
		49′ - 60½′ - Moderate in spotty fashion.
		PYRITE
		42′ - 46′ - Fine grained pyrite visibly disseminated.

Logged by _____ Hole Number MVK #8 Sheet Number 1

TO	FROM	DESCRIPTION
		MVK#8 ASSAY INTERVALS
0 ft.	5 ft.	053853
5	10	053854
10	15	053855
15	20	053856
20	25	053857
25	30	053858
30	35	053859
35	40	053860
40	46	053861

Logged by _____ Hole Number MVK #8 Sheet Number 2

GRID 9+000W HOLE NO MVK 9 COORDINATES 9+937.5N
BEARING - ANGLE VERTICAL DEPTH 210 ft.

FROM	TO	DESCRIPTION
0′	34′	**OVBN**
34′	47′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR#1 and #6 of petrographic report by J. Harris.
		Section is relatively finer grained.
47′	84′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are most often made up of previously brecciated material,
		together with variable no's of carbonate basalt (MVR#5). Clasts hosting
		dark pyrobitumen grains + globules are ubiquitous.
		47′ - 71′ - A variable gray color cast is prevalent.
		71′ - 84′ - Visibly hematite rich.
84′	102′	**CARBONATED BASALT**
		See MVR#5 of petrographic report. In 2003 diamond drilling named
		"Andesite." Not as siliceous as in last year's drilling. Black pyrobitumen
		very evident along fractures – most noted 85′ - 87′.
102′	134′	**AMYGDALOIDAL BASALT BRECCIA COMPLEX**
		Individual clasts are most often made up of previously brecciated material,
		together with variable no's of carbonate basalt (MVR#5). Clasts hosting
		pyrobitumen grains + globules thru-out. Section is of a variable dark cast.
134′	160′	**BASALTIC FRAGMENTAL (NON MATRIX SUPPORTED)**
		Soft in nature – see MVR#1 and #6 of petrographic report by J. Harris.
		Clast size larger relative to upper section 34′ - 47′.
160′	200′	**BASALTIC TUFF (BASE SURGE)?**
		See MVR#7 of petrographic report.
		Distinct in fine grain size, foliation and color banding.
		182′ - Cross bedding. Color banding at 50° - 60° CA.
		200′ - Shear - 60° CA. FAULT.
		1 ft. of nice black pyrobitumen with pyrite occurs within shear.

Logged by _____ Hole Number MVK #9 Sheet Number 1

FROM	TO	DESCRIPTION
200′	210′	**SILTSTONE - SERICITIC**
		Notable for color banding. Fine grained to coarser near end – sericite rich.
		E.O.H.
		MAGNETICS
		34′ - 49′ - Non magnetic.
		49′ - 71′ - Somewhat magnetic – particularly darker sections of breccia.
		71′ - 84′ - More strongly magnetic – hematite. A short section 81′ - 82½′ - very little dark material or hematite – non magnetic.
		84′ - 102′ - Carbonated basalt – responds to magnet in a spotty fashion.
		102′ - 117′ - Somewhat magnetic – as 49′ - 71′.
		134′ - 200′ - Non magnetic.
		CARBONATE
		34′ - 47½′ - Calcareous along fractures.
		47½′ - 84′ - Calcareous along fractures and patches of spotty textured qtz. calcite.
		84′ - 102′ - Calcite along fractures + minor veinlets of qtz. calcite. No spotty calcite texture.
		102′ - 134′ - As 47½′ - 84′.
		134′ - 210′ - Mostly along fractures, but less pronounced generally.
		SILICIFICATION
		34′ - 47′ - Moderate – begins to increase at 47′.
		47′ - 84′ - Intense.
		84′ - 96′ - Moderate.
		96′ - 129′ - Intense.
		129′ - 134′ - Less were silicified – spotty sections of MVR#6 occur.
		134′ - 210′ - Moderate.
		PYRITE
		127′ - 128½′ - Fine sulphides visible – abundant. Assay int. = 053828.

Logged by _____ Hole Number MVK #9 Sheet Number 2

FROM	TO	DESCRIPTION
		MVK#9 ASSAY INTERVALS
47 ft.	52 ft.	053812
52	57	053813
57	62	053814
62	67	053815
67	72	053816
72	77	053817
77	82	053818
82	87	053819
87	92	053820
92	97	053821
97	102	053822
102	107	053823
107	112	053824
112	117	053825
117	122	053826
122	127	053827
127	128½	053828 -sulphides
128½	134	053829

Logged by _____ Hole Number MVK #9 Sheet Number 3