BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM MINISTRY OF ENERGY AND MINES GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:1999/2000REPORT #:PAP 99-24NAME:UWE SCHMIDT

BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations 15 to 17, page 6.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name UWE SCHMIDT	
LOCATION/COMMODITIES	
Project Area (as listed in Part A)	MINFILE No. if applicable
Location of Project Area NTS 93K/16	Lat 54° 50' Long 124° 15'
Description of Location and Access	
Main Commodities Searched For gold, Copper-Gol	d
Known Mineral Occurrences in Project Area <u>Tas (Au-lu</u> Hat, D.EM, BID (Geochem Anomalie,), MAX (porphyry prospect)
WORK PERFORMED	
1. Conventional Prospecting (area) 200 Aquare pr	<u>~</u>
2. Geological Mapping (hectares/scale)	
3. Geochemical (type and no. of samples) TILL 40 SOIL 47	ROCK 35 PAN 18
4. Geophysical (type and line km) VLF-EM, SCINTILLOME	TER, 10 Dine-Jam.
5. Physical Work (type and amount) 10 line - hm, fla	gged control lines
6. Drilling (no. holes, size, depth in m, total m)	
7. Other (specify)	
SIGNIFICANT RESULTS	k
Commodities Claim N	lame
Location (show on map) Lat Long	
Best assay/sample type 1910 pph 194 m lite, 52.	- pph Hum Noon
Description of mineralization, host rocks, anomalies A prom	issing gold anomaly
was outlined in till. However, The s	ample dimaiting was
too low to define a staking Targe	to a conductive zone
on the Val 2 claims may be an	entirsion of gold-bearing
massive supplide shear pierre form	ad on the adjacent tas
property.	

Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

SUMMARY REPORT ON

KALDER PROJECT, PROSPECTING PROGRAM

FORT ST. JAMES, BRITISH COLUMBIA

NTS 93K/16

BY

Uwe Schmidt

January 28, 2000

TABLE OF CONTENTS

Page

1.	INTRODUCTION
2.	LOCATION AND ACCESS
3.	PHYSIOGRAPHY
4.	REGIONAL GEOLOGY2Mineral Deposits and Prospecting Models3
5.	GEOCHEMISTRY
6.	PROSPECTING TARGETS5Dem-Hat Area5Lynx Area8Kleedlee Creek9Rainbow Creek11Inzana Lake12
7.	CONCLUSIONS 13
8.	RECOMMENDATIONS
9.	BIBLIOGRAPHY AND REFERENCES
10.	STATEMENT OF EXPENDITURE

Appendices

Appendix A	Certificates of Analysis
------------	--------------------------

List of Illustrations

_

Figure	Title	<u>Scale</u>	Following Page
1	Prospecting Target Location	1:400,000	1
2	Dem-Hat Area Sample Location and Gold Geochemistry	1:20,000	in pocket
3	Dem-Hat Area, Gold in Till	1:100,000	6
4	Dem-Hat Area, Gold in Soil Detail	1:25,000	6
5	Lynx Area, Outcrop and Sample Location	1:50,000	8
6	Lynx Area, Gold Geochemistry	1:50,000	8
7	Kleedlee Creek, Val 2 Grid Location,	1:50,000	9
8	Val 2 Grid VLF-EM Survey, Field Strength	1:5,000	9
9	Val 2 Grid Scintillometer Survey	1:5,000	9
10	Rainbow Target	1:50,000	1 1
11	Inzana Target	1:25,000	12

Photographs

<u>Photo</u>		
1	till sampling with auger	4
2	carbonate alteration and calcite veining	6
3	gravel deposits on Val 2 claim	9

1. INTRODUCTION

The Kalder project is a prospecting program submitted by the writer for funding under the B.C. prospectors' assistance program. The proposal was approved and carried out during the period from June 25 to July 28, 1999, with the assistance of Jason McLaughlin, a recent U.B.C. geology graduate.

The project is located approximately 40 to 60 km north of Fort St. James, in Central British Columbia. Prospecting targets are hosted by metasedimentary and volcanic rocks of the Takla Group and coeval plutons within the Quesnel Terrane. This area lies north of northwest trending Pinchi and Prince George faults, the dominant structural elements of the area. The Prince George Fault marks the boundary of the Quesnel and Cache Creek Terranes in the area.

Prospecting targets are based on regional lake sediment geochemical data, recently published surficial and bedrock mapping and the writer's previous experience in the area. Targets were selected by a statistical analysis of the raw geochemical data, selecting thresholds and comparing anomalous sites with magnetic and structural features. Six target areas were selected, but one was not examined to keep costs within the limits of the grant.

Targets were evaluated by a combination geochemical analysis of till, soil, rock, stream sediment and stream panning concentrates. A limited VLF-EM survey and a scintillometer survey were carried out in an area of deep overburden.

This report summarizes the work in five sections, each discussing a target, in the sequence that work was carried out. Field notes and data relevant to the target are presented at the end of each section but analytical results are appended to the report.

2. Location and Access

The project area is located approximately 40 to 60 km north of Fort St. James, in central British Columbia. The four prospecting targets are located primarily in NTS map area 93K/16. One area overlaps a portion of 93K/9 and a second target is located at the boundary of 93K/15 and 16.

All targets were accessible by road from Fort St. James via the Germansen Road, which provides

 \bigcirc



all-season access to the area. Secondary logging roads extend east and west to provide access to the various prospecting targets. Additional local access is provided by numerous bulldozer trails and clear cuts. Traverses throughout the target areas were planned around this road network. A GPS navigation system with a truck-mounted antenna, provided navigation control for the many unmapped roads. The location of sample sites and isolated outcrops were also determined by GPS.

The network of logging roads is a great asset for mineral exploration. However, the recent practice, by the forest service, of deactivating unused roads, created unnecessary access problems on the Tezzeron F.S. road.

3. Physiography

The area lies with the Nechako Plateau at the northern edge of the Fraser Basin physiographic region. The area is predominantly covered by glacial till, with minor glaciofluvial and glaciolacustrine deposits (Plouffe, 1994). The terrain in the southern map area is characterized by low rolling hills with swamps and lakes in the low-lying areas. Elevations increase toward the northeast. Sampling strategies were adjusted in each target area based on this variation in topography. Till sampling was an effective sampling method in the two southern target areas. However, deep glaciofluvial gravel and sand deposits in Kleedlee Creek area made till sampling impractical. Rainbow target area is covered in part by glacial lake sediments and gravel deposits. Stream panning was used in this area to trace gold anomalies in stream sediments.

Glaciers moved from west to east in the southern map area and gradually turned northeastward in the northern half of the map area.

4. Regional Geology

The map area lies within Quesnel and Cache Creek Terranes. Four of the target areas are entirely within the Quesnel Terrane and the southern boundary of one target area straddles the boundary of the Cache Creek and Quesnel Terranes. This boundary is defined by the northwest trending Prince George Fault (Struik, 1998).

The erosional remnants of Miocene basalt flows are evident in the southeast map area, but these

rocks were not explored.

The Quesnel Terrane rocks are represented by an Early Mesozoic island-arc assemblage of the Takla Group. This group comprises sedimentary, volcanic, pyroclastic, epiclastic and coeval plutonic rocks of Upper Triassic to Early Jurassic time. The Takla Group was subdivided by Nelson et al (1991), into four informal successions. Of these, the predominantly sedimentary Inzana Lake Formation is the primary host rock of Early Jurassic and Cretaceous-Early Tertiary plutons in three of the four target areas. The fourth target area (Rainbow Road), is underlain by the volcanic-dominant Witch Lake Formation.

Mineral Deposits and Prospecting Model

This area has seen several episodes of mineral exploration. Early porphyry copper exploration occurred after the release of regional airborne magnetic maps by the G.S.C. in the late 1960's. Regional airborne EM and magnetic surveys in early 1980's led to the staking and drilling of several conductors for VMS deposits.

The most significant exploration success to date is the discovery of the Mt. Milligan Cu-Au porphyry deposit.

This alkalic porphyry system was discovered in 1987 and resulted in a reexamination of the porphyry potential of the project area. The Tas, Bio, Max and Hat properties were actively explored. Of these properties, the Tas has received the most work. Much of the drilling to date has centered on gold-bearing sulphide rich shear-veins, which are thought to be peripheral to an alkalic porphyry system.

Several exploration ideas were tested in 1999. In Dem-Hat area, the focus of the prospecting was precious metals, associated with Tertiary extension faults. This target area was chosen because of its proximity to the Pinchi and Prince George faults, lake sediment anomalies (Cook et al 1996) and regional magnetic trends. The Lynx area was chosen for similar reasons. Kleedlee Creek area was selected for its potential to host gold-bearing sulphide-rich shear/veins similar to the Tas Ridge Zone. Rainbow Creek area is an area of known placer gold. This area was resampled and the gold grains examined to determine provenance. Inzana Lake target is a multi-element lake sediment anomaly, associated with a very weak isolated magnetic anomaly. This location was

examined and sampled by stream panning.

5. Geochemistry

A total of 47 soil, 40 till, 35 rock and 18 panning concentrates were collected for geochemical analysis during the program. Sample numbers, types and sample densities varied for each area depending on the deposit model and surficial geology.

The largest concentration of samples was collected in Dem-Hat area. This is due in part to a large number of lake sediment anomalies to follow up, a fairly uniform blanket of till in the area and some prospecting success.

Till samples were collected by hand auger, shovel or a combination of both, depending on depth to undisturbed till. The hand auger, with extension, is capable sampling to a depth of 2 metres (Photo 1). This was usually not achieved because of the presence of cobble-sized fragments in the till. Sample depths in till ranged from 40 to 200 centimetres, with an average sample depth of approximately 90 cm.

Samples were analyzed by Acme Analytical Laboratories Ltd. of Vancouver. All till and soil samples, with the exception of four soil samples, were analyzed by 36 element ICP MS "ultra-trace" package using a 15 gm sample of -230 mesh screened material. This method samples the clay, silt fraction and ICP-MS has much lower detection limits than conventional ICP analysis.

Rock samples, panning concentrates and four soil samples were analyzed by standard ICP methods using a .5 gram sample with gold analyses done on a 10 gram aqua-regia digestion, MIBK extract and graphite furnace AA finish.

A few late gold analyses were analyzed directly by ICP-MS from the digested solution. This variation in technique was due to changes in analytical procedures at the laboratory. Geochemical analytical certificates are appended to this report.



Photo 1 Till sampling with auger

6. Prospecting Targets

Dem-Hat Area (Fig.2)

The Dem-Hat area is located approximately 40 km north of Fort St. James and is accessible via the Germansen road and Germansen-Hat F.S. road which heads west from the junction. The target area is approximately 11 by 20 km in size and encompasses 11 anomalous gold lake sediment samples. Aomalies range from 6 to 10 ppb Au.

The map area is underlain primarily by metasedimentary rocks of the Inzana Lake Formation of the Takla Group. At the southern edge of the map area, the Prince George Fault juxtaposes a mixed metasedimentary and volcanic assemblage of the Cache Creek Terrane against the Inzana Lake Formation. A Cretaceous-Early Tertiary pluton is mapped within the map area, west of Tezzeron Mountain.

Other outcrops of plutonic rocks were encountered during this program. These are equigranular medium grained diorites and are assumed to be related to the Early Jurassic intrusive event. Two mineral occurrences are known in the area. The Hat property was staked in 1986 and covers a small intrusion of Jurassic? hornblende diorite and Cretaceous-Early Tertiary quartz-feldspar porphyry intruded into shales, argillites and wackes. Work to date has included grid soil sampling, mapping and limited trenching. Weak multi-element geochemical soil anomalies with erratic gold values were outlined by this work.

The second showing of interest is the Dem showing which was discovered by the B.C. Geological Survey and subsequently staked and explored by Noranda Exploration Company, Limited, in 1991. The Dem showing is located 1 km south of Dem Lake and is underlain by metasediments of the Inzana Lake Formation. The sedimentary rocks are intruded and altered by syenomonzonite dykes. Alteration of the host rocks ranges from hornfelsing to skarnification. The showing is reported to contain 5 to 10% arsenopyrite in a brecciated quartz vein. This material is geochemically anomalous in gold. Noranda explored the property by grid soil geochemical survey and mapping. Several multi-element anomalies were outlined with highs of 2100 ppb Au, 160 ppm Ag. One cluster of anomalies is coincident with steep terrain, shallow overburden and down-ice dispersion. The second anomaly lies in a low-lying area at the junction of two creeks.

5

The Dem-Hat map area was explored during the period from June 26 to July 14. A total of 45 soil, 33 till, 32 rock and 1 panning concentrate sample were collected. Sample locations, gold analytical results and outcrop locations are presented on Fig. 2, which is appended to this report. For clarity, interpreted gold analyses of till are presented on Fig. 3 and gold analyses of soil are presented on Fig. 4.

The aim of this portion of the project, besides conventional prospecting, was to outline possible source areas for lake sediment gold anomalies, reported by Cook et al (1996). The area is extensively covered by a glacial till blanket of moderate to shallow depth (Plouffe, 1994) and therefore till sampling was chosen as the most suitable technique. Attempts were made to orient sample lines across the direction of ice movement and to distribute sample locations evenly. Sample density and distribution, however, primarily reflect road access. A sample density of approximately 1 sample per 5 square kilometres was achieved over an area of 150 square kilometres.

A statistical analysis of the till data, using Probplot (Stanley 1987), revealed a mixture of three populations. The mean minus 2 standard deviations and the mean plus 2 standard deviations of population 2 were chosen as population boundaries. These values bracket 65% of the data. The two population boundaries are 2.5 and 6.6 ppb Au. The upper value of 6.6 ppb can be considered the anomalous threshold for gold in till. A contoured representation of the data (Fig. 3) shows that few samples exceed this threshold. Contour soil samples were collected in an area, underlain by hornfelsed metasediments, located a few kilometres north of Tezzeron Lake. Gold analyses for these samples are plotted on Fig. 4, as is one panning sample. No statistical analysis of the data was attempted. Analyses range from below threshold concentration of 0.2 ppb up to 38.9 ppb Au.

Thirty-two rock samples were analyzed. Most are float fragments, collected during prospecting. Carbonate alteration and veining was the most common alteration observed. In pelitic rocks this alteration occurred as orange-brown weathering selvages next to calcite-filled fractures (Photo2). Carbonate alteration along fractures in bedrock was observed in a number of gravel pits along the Germansen-Hat road. Less frequently this alteration was also observed in feldspar porphyry float boulders. In rare cases, pale green mica development accompanied the alteration. Pyrite was observed in a few boulders. The source of sulphide-bearing, carbonate-altered porphyry was not found.

6





۰· ۲



Photo 2 Carbonate alteration and calcite veining

Gold analyses in rock ranged from <0.2 to 32.2 ppb Au. The highest analysis of sulphide-bearing float was 27 ppb. Other elements are uniformly low.

Discussion of Results

Till sampling in Dem-Hat map area outlined three anomalous samples up ice from lake sediment gold anomalies. Sample density is too low to define a source area. The data suggest there may be two source areas. One of these appears to be located west of the map area.

Carbonate alteration along fractures is fairly common in the metasediments of the Inzana Lake Formation (Photo 2). This style of alteration was observed in outcrop and float. Outcrop occurrences are often located in local gravel pits. This material was often used as ballast in logging road construction and consequently much of the altered float found along the roads is exotic.

Carbonate and silica altered feldspar porphyry is less common and was only observed as float. Rare fragments contain fine grained, fracture controlled, pyrite mineralization. Gold values up to 27 ppb Au were obtained from this style of mineralization. Although this is anomalous, it is well below economic interest.

A previously unmapped stock of medium grained, equigranular hornblende diorite was found 5.5 km east-southeast of Tezzeron Mountain. This stock is assumed to belong to the Jurassic intrusive suite. Hornfelsing is observed in the host rocks for several kilometres around the stock, suggesting the presence of a larger intrusive body at depth. A selected sample of the diorite contained 13 ppb Au but samples of hornfels were lower.

Forty-three soil samples were collected along hip-chain and compass surveyed lines, west of the diorite stock. The area is underlain by weakly hornfelsed argillite. Gold analyses range from <0.2 to 38.9 ppb Au (Fig. 4). No trends are apparent in the data.

7

Dem-Hat Area Traverse Reports

С

 $\left(\right)$

C

.

01 LA 90 AD L	A05.2/2	1010000			0 0 7:00		
		(Northing)	<u> </u>				
2 Cer Wer Wow	705 361	6069 74 3		70	Basal fill	PALE BROWN	TAKLAT SALALE / ANGILLITE
a with a worke	0.0.0	CO. 7	<u> </u>		·	<u> </u>	
14	FILO	FILE	<u> </u>	<u>,</u>			
····				1 Cm	OR GANICS	BLACK	IN OLD LANDING
• •				2-13	CLAY DENCE	PALE GREY	MATRIX SUPPORTED
ó	l						YEBBLES SAND OF
7						-	TAKLA SHALE/MULLITE
8				13-70		PALE BRIWN	1-2cm PERCES. SUR
8							ANGULAN TAKIA ARKIN
0							MUNTE AVIDIZED FRAGTIENTS
1							
2				70	······		END OF HOLE DUE TO
3			<u> </u>				ROCK FRAGMENTS
4 Lh GA 107	AnECODI	6268.886		100	ROCAL TILL	GREY BARWW	HEAH DENSE CLAY
5 / 100	-10 - 20 - 01	0000000		100.	1011 8172 1100	Gird Property	WITH LATON SUCCOPT
6 6PS WPI NOT	<u> </u>		<u> </u>		OVERWARKS	D TREE	OFARING AND CAN
7			·		No onen	2010	PEDPUS HNU SHN B
, 							OF BLACK / SHALD / AFGUIR
							5% FRAGMENIS OXIDIZED
· · · · · · · · · · · · · · · · · · ·			 	100	STOPPED	HOLE PUE	TO COBBLES
····	ļ	<u> </u>	ļ	<u> </u>			
21 WPT WOZI	405638I	6068231	L	<u> </u>	N/5 %2	· · · · · · · · · · · · · · · · · · ·	SMALL OF \$ SUB OF
2							· · · · · · · · · · · · · · · · · · ·
23			ļ				GREY GREEN F.G.
4							Q.F.P. 5m Extosure
25							CALCITE VEWLETS, F.C. M.
26							
27 Ko 99003	405652	6067714		10-120	CLAY BASAL	GALY GREENSY BARNAL	MED GREY DENSE TILL
28 100 10022			<u> </u>	1			SUB ANGULAR TO SUB
29		<u> </u>	<u>+</u>	<u> </u>		· · · · · · · · · · · · · · · · · · ·	ROUNDED PEBBLES 1-1-SCA
30				 			ALSO SHNO & GRIT
·		<u>i</u>	 	┝	<u> </u>	<u> </u>	HACLAY MATRIX >20'440
10	-	<u> </u>	<u> </u>				TOD & YOU OUR WEATH
	÷	ļ	<u> </u>		· · · · · · · · · · · · · · · · · · ·		FRAGAIEN: 3 IN CREASING
13 ·	 	ļ	 	Pro	FILE		hast loan
4		······································	 	0-10	OR GANICS	BLACK	
5		<u> </u>		10-80	CLAY TILL	TO BEIGH	
36				80-120	PROBUL CLAY	GREY GACEN BROWN	
37				120-125	GRITY CLAY	DANK GREY	
38 :	 		1		1		
	·	÷		÷	L	<u>↓</u>	

Une crosses BL _____ m _____ of Station

C

 $\left(\right)$

C

Daily Totals: Line-km _____Number of Samples: _____

(WPT. WOIG 4056345 6067785W 2646 ft. Small 0/c of dark grey to black med grained equigranular altered mapic igneous rock? plag h.bl., seconday listite-philogopite? (hrown) weakly calcaretus on fracture parfaces-

•.

•

toject: KALDER	Property:	DEM-HA	ŗ		Claim Group:		Claim:
ampler: 4.5 / Jr	- Tro	iverse: REC	6		Gid.		Data JUNE 29 99
Date Samples Sent:	Dx	ate Results F	lece	eived: .	<u> </u>	Date Plotted:	Dule. 24MC 21, 11
	11= 0	01-11-0	L c	Ē			T
i somple norrbei	une NethinoT	(Easting)	췯	D D	sea. Iype	Colour	Notes
	(Eosting)	(Northing)	£	(am)			(Rock Fragment Description)
IL WARD NIS	ALAALA	6061260	C	100	Curl	122.0	
12	47410	6004200	-	1150	SICI/LLAY	DEIGE	LAKE SEDS
31.1000000	000-71	10.00-00		·			
° ° K 044 004	414010	6064592	<u> </u>	00	TILL	GREY-BROWN	
4 (WO33)		ffr	<u>296</u>	HLE			
		<u>_</u>		0-50	TILL & PEBBLES		SUB ANGULAR TO SUB
0		<u> </u>	 		TRASSATS		PONDED ARGULITE
7							PEBBLES AND SAND (30
8	'		ļ	L			IN DENSE CLAY MATRIX
9 ·				50-60	SUB O/C	-	ANGULAR ARGILLITE
0	······						CLAY MATRIX
1 P1T							
2 0 KD99005	416905	6066049	10	0-65	TILL	PHE GREY-BAGE	SUB ANGULAR PEBBLES
3 (WO34)							DAD SAND IN DENSE
4			1				MATRIX SUPPORTED CLAY
5				75	BERRACK ?		ANCHIAM ARCAULTS FRAK
6	· · · · ·		-	· ×_	000000		
7 410 21	116.927	Color pag		j	OL: TOMA	F_	5×5m ok of MED. GRG
8	710626				0/0 ///0		VALCANIC DERIVED WAKE
9						·	5 TALITNIC CLASS OF
0				<u> </u>			PURCH PROJULATE
PIT 3 PS	NGER ST	1.1220	10	110.20	Cart Cranut	. Hey Camillan	I cousis à consuis Cra
2 (11000	411379	GUG (5) D		110-120	BUILY FREDLY I	C LIGH GHOT GO	W - SMNOY & POISSLY COPY
- (W0 %1)		<u> </u>					
····			ļ	0-5	ORGANICS	DARK BRAD	
	! • • • • • • • • • • • • • • • • • • •	<u> </u>		5-95		neo reo beaun	PARAMENTS UP CO
			┝╌┲			A.,	CUBBLE SIZE, MUST
		<u> </u>	┝┈┨	5-30		TME BEIGE	PEBBLES AN YAND SIZ
			<u> </u>	20-95		THO AGO BAN	SMEPONTRO IN DONSE CLA
8		ļ					MATRIX
9		ļ	<u> </u>	<u>95-12-</u>	TILL	LIGHT GRY GRN	- PEBBLY & STANDY CLAY
0			 	<u> </u>	l 		MOST PEOBLES - lan 1
1				<u> </u>		·	LOTS OF GAND SIZE 25
2 (AUGER)				<u> </u>			
3 0 Kp 99007	419 365	6069 131	C	100	TILL	GREENSH BRN	SAMON PEBBLY CLAY
4 (WD3R)			···	0-1	ORGANICS	ORK BRN	SALIDY AND PARRINT
5		·····	ß	1-2	1	RAD BRN	DEALCE CLAY NATRIV
6		<u> </u>	<u>~</u>	3-51	1	PALE BRAUM	SAME CARAVE SIZE
7		<u> </u>	1	Sala	<u>† </u>	GRY RON	MACMENTS ENSY
6	<u> </u>	·	∲ i	00-100	<u> </u>		ADDACC / In
91		<u> </u>	<u> </u>				rabours & Icm
F 3		1	I I	1	1	1	1

Last Station before reaching Base Line: CLOSURE:

C

 $\left(\right)$

- -

Line crosses 8L _____ m _____ of Station ____

Daily Totals: Line-km ______Number of Samples: _____

GPS havens	ly Truch	, exami	ned	road	olc, traverse	along deading	rated Leggeron F.S. road.
		GEOC	HE	MICAL	. Sampling re	PORT	Page of
Project: KALDEN	- Property	<u> HAT - DE</u>	<u>M</u>		Claim Group: _		Claim:
Sampler: <u>U.S.~.</u> Date Samples Sept:		XVerse:			Grid:	Data Data d	Date: JUNE 30, 1999
	U			SIVOU			
Somple Number	Une 9,77 (Northing) (Easting)	? Station (Easting) (Northing)	Horizon	(cm)	Sed. Type	Colour	Notes (Rock Fragment Description)
01 K099008	407213	6072060	С	70	DENSE TILL	MED GRY BRN	PEBBLES & SAND 4 3000 MATRIX OFCLAY
DI 2 AUGER	· · · · · · · · · · · · · · · · · · ·	PROFIL	ē	0-2	ONGANICS		
03 W039		···		2-15	SANDY, PEBBLY	BEIGE	ROUNDED FRAGMENT
04			<u> </u>	<u> </u>			1001342 270-0
05		[15-70	DENSE PERKY	MED DRK	SUB ANGULAR ANGILLIVA
06					MAG TAIX	GARY	PEBBLES 1-1.5 cm. (10 T
07						-	CLAY BOT SAND (102)
08 K099 W040 RO1	n.						
09 W040	407 817	6071864	R		ROCK	RED BROWN	LIMONITIC, CARBONATE
10 PIT							PLTERED TAKIA METASSO
11							IN CONTACT C OFF
12 W042	408898	6072201	R		PIT N/S	PED BROWN	CARBONATE ALTERSO
13						TAK	LA SILICICLASTIC ALONG
14 kin 43	409 022	6071814	R	1	PIT NS	GREY GREEN	THEFA SILICICLASTIC
15							ALSO HEL PORPHYRY
16							
17 KD99009	409 667	6071641	C	80-90	DENSE PEBBLY TIL	L MED DAK BAN	PEOBLES & SAND IN
18 W044		PRAFILE		00			DENSE CLAY MATRIX
19 AUGER	• • • • • • • • • • • • • • • • • • •		A	0-2	MAG ANICS		
20: 15m SAUTH OF	t			2-61	GILTY CLAY T	BEIEE	
21 ROAD IN CLEAR	n14				PERRIEC		· · · · · · · · · · · · · · · · · · ·
22		·		C Q.	DENGE	Dar Ban	1-1.51- MADRIX SUPPORT
23	 	<u> </u>		60-10	PEBBUICHY	DICK WH	PEBBLAS & MINOR STAND
24: 1 09009-120	0.000		<u> </u>	0. 121	5167 2	Real Rail	
25 KD 1100 1-150	DUTLICH	2_	ŀ	154	PEBBIGS	VARUE BACK	CLAY 40 6 SAMO & SILT 40
26	 				HNP CLITY		TEOPOES CO C
221	1.9.0 11	0.10007	2	116		Oak Cay To	CHICKLACTIC TO DOWN
21 WO91	407 611	6007673	15	W/S	<u> 121 </u>	B. ANA	SILICICE ITETIC CO HIGHLING
20 1/20 00 + 1 0	100050	CALGARI	-	/10		DLACK	MINON FELDSPAR PORPH
30 1 40	107203	6001361	<u> </u>	170-		MAGO GILT BRAN	VULY DONSE TILL
w048	<u> </u>		}		VERY HAD O	Man August And	Cue Not un de des de co
WEST SIDE	or map cu	0		0-40	Degans The	PTHO GRY MAN	THE MTHULHE COBBLES.
" PROBABLY 20	DCm BELOW	YURHHUE		<u> </u>	TROBOL ITEC		Ur 10 1006 1-30m
33 :	 	 					PEBBLES SUPPORTED IN
34		 	 	ļ	 	<u> </u>	GRITTY CLAY
35						L	
30 K099011	408614	6069753	C	60	VERY DENSE	PAK GRY BRN	2000 PEPPLES -> 2cm
37 WO 51		PROFILE		0-60			SOME SUB HNGUAR
38 WEST SIDE	OP MAD ON	T	¦				COBBLES
39 PROBABLY 20	O Con BRION	SURFACE	ļ				SUB CHLAR ARGULITE
40 [:]							FRAG MENIC

CLOSURE: Last Station before reaching Base Line: _____ Distance to Base Line: ____ Line closses BL _____ m ____ of Station ____ Daily Totals: Line-km ______Number of Samples: _____

Í

C

	0	GFOC	HF		SAMPLING PR		Page _1 of 2
Project: KALDEn	Property:	DEM-HA	r a	rea	Claim Group:		Claim
Sampler: US - JM	Tr	averse:			Grid:		Date: 1/1/1 , 1999
Date Samples Sent:_	D	ate Results I	900	eived: .		Date Plotted:	
Sample Number	Line (Nerthing)- (Easting)	Station (E asting) (Northing)	Horizon	0epth	Seci. Type	Colour	Notes (Rock Fragment Description)
01 K099012 0	416056	6069717	C	60	TILL	MED GRY BRN	MATRIX SUPPORTED PEBRICS
03	+	20.00					AND SAND IN CLAY
100		[14FIL	26	0.60	PERBLY SANDY TI	<u>Ki 11</u>	MATRIX (VENY HARD)
05	<u> </u>	<u> </u>		┨────	SOME SUB	oneuran	PEBBLES 2 20th 7 Arg
06						BIES	SAME OXIDIZED
07 Kp99013 0	417093	6069220	C	80.	TILL	MED GRY BRN	
08 wa 54				·			
10 POAD CUT		PP	<u> </u>	0-2	ORGANICS	PALE PED BEN	OXIDIZED
SHITH SIDE	<u> </u>		C	2-50	SMNOY PEBBLY	GRY GRA - BRANN	DENDE BASAL TILL
PIT	ļ			. <u> </u>	CLAY		ANGULAR ROCK FRACKANS
12	!	<u> </u>	<u> </u>	50-100		·	DECOMPOSING MEEA ALUTE
13	÷		R	100	BEDROCK	DARK PRN	DECOMPOSING PELLITIC
, 14 	 						META SEPS
10 Kp99014 0	415890	6071006	6	80-90	DENSE TILL	ORK OLIVE BRN	SUB ANGOLAN PERBLY TILL
<u>, 17 Pi</u>		PROFILE		ļ			······
W055	 	·	A.	0-1	ORGANICS	·	
19	ļ	<u> </u>		1-40	SAMON PEBBLY	LIGHT BRN	LEACHED TILL?
20 :					CLAY		
21	} +	 	<u> </u>	<u>40-90</u>	BENSE TILL	DRK OLIVE BEA	SUB ANGULAR PEBBLES
22				ļ			OF TAKLA ARGULITE
23	• •						AND SAND IN DENSE
24		<u> </u>		ļ			CLAY MATRIX
25		ļ		<u> </u>	FRAGMANTS	UP TO 402	SOME COBBLES
26		<u> </u>	 .				
27 K099015 0	418 768	6071555	C	70-80	TILL	MED DLIVE BEN	PEBBLES \$6RIT 2 2002
28 W057		PROFILE	 				<u>_</u>
BUGEN, EAST	į 	<u> </u>	A.	0-2	ORGANICS	- <u></u>	
SIDE OF 40AD	· · ·	<u> </u>	C.	2-35	SANDY & PEBBLY	LIGHT BRN	(LEACHED TILL?)
'JI					CLAY	ļ	i
32	 	 	<u> C</u>	<u>35-60</u>	DENSE TILL	MED OLIVE BEN	GRIT & PEBBLES SUPPORTO
33		 		<u> </u>	<u> </u>	 	IN DENSE CLAY MATRIX
34			<u> </u>	ļ			······
35 KO99016 0	420936	6067459	C	70-80	TILL	Drik BRN	
30 AUGER SATIPLE	ļ	ļ		01	ORGANICS	ļ	
37 W058	ļ			1-40	PEBBLY, SANDI CLAY	LIGHT BRN TO BEK	6
38	i 	 		<u>46-80</u>	DENSE TILL	PRK BRN	DENSE FRITTY AND
39:		\ 		<u> </u>	 		PEBBLY CLAY, SUB-
40					<u> </u>		HNGULAR ARGILLITE CLASTS

-----___.

CLOSURE: Last Station before reaching Base Line: _____ Distance to Base Line: _____ Distance to Base Line: _____

Line crosses BL _____ m _____ of Station __

Daily Totals: Line-km _____Number of Samples: ___

t.

..

Sompler: US = JM		NEM-NAT	m	an-	Claim Group:		Claim:
Date Samples Sent:	((C	aveise: ate Results I	Rece	eived:	Gild:	Date Plotted	Date: JULY 1, 1499
Sample Number	Line (Northing) (Easting)	Station (Easting) (Northing)	Horizon	(JDepth	Sed. Type	Colour	Notes (Rock Fragment Description
01 KN 09 A17	120200	CNANTIL	1	60 70	DOULD OLOUS	Aux Car	· · · · · · · · · · · · · · · · · · ·
02 WA59	10 210	66600 547		0-10	DENSE CLATIC	<u>e gri diw</u>	
03 Aut 50			a	1	AM C MallAC		
04 LUGITAERINA				1-00	CALINY & DERAN	VALC POLCE	
05		 _		1-60	FLAN TILL	PHILE BAILOE	Lattona (
06		+	C	6.0-70	DENCE THE	Roy Roal	DE ATALY & STALLOW T
07		i	-	(20-10	VOUSE TILL	WILL PHY	1-150 DEPEN
08	· · · ·	-	<u> </u>			· · · · · · · · · · · · · · · · · · ·	1-1- Jun rupour
09					TAN BALL	TA CALTURE	rkhill 2
10					LOD LOCKY	CU CUN LINU	<u>v </u>
11 DACKS	 , , ,,	<u> </u>					+
12 100 58 W	n nut GEn	HEM	n		QTZ, CAREONA	TE RITCHE	D ATT PARPHYRY
13 KN99W058		A A A A A A A A A A A A A A A A A A A	_ <u></u>		AND MUXED	CARCULA	FIDAT YEUWA
14					BUD APEN	QUALA FUI	ING
15	·····				ANTI UI 12		
16					<u></u>		
17				>	clis Er	alionato al	ningen preced
18		· ··· · ··· · · · · · · · · · · · · ·			Isactures	and the second	projupari o processi
19					processes(1)	·····	· · · · · · · · · · · · · · · · · · ·
20							
21		1	1		,		······
22			<u> </u>				
23							······································
24							
25							
26		1					
27							
28							
29							
30							
31							
32	· .						
33							
34							
35							
36			ļ				
37							
38			<u> </u>				
30							
<u> </u>							

. . .

С

 $\left(\right)$

<u>.</u>		· · · · · · · · · · · · · · · · · · ·	GEOC	HE	MICAI	. Sampling Ri	Eport	Page _1_ of _1
Piojec	T.KALDER	- Property:	DEM-MA	T A	REA	Claim Group: _		Claim:
Samp Dete	oler: <u>U.S. − JM</u>	Tro	averse: <u>KD</u>	07	02_	Grld:		Date: JULY 2, 1999
	samples sent:	Do	ate Results (ece	eived:		Date Plotted:	
	Sample Number	Line (Northing) (Easting)	Station [Easting) (Northing)	Horizon	(mo)	Sect. Type	Colour	Notes (Rock Fragment Description)
ⁿ ikr	199018	419280	(N.7912		90	14	p	······································
02	10 61	111200	4001013	-			PAULOLIVE BRN	
)3 y	41650	· · · · · · · · · · · · · · · · · · ·	<u> </u>			00000000	· · · · · · · · · · · · · · · · · · ·	
34		 		7	1.07	URGANKS		
)5					1-75	DENSE TILL	PALE OLIVE ARN	1-1.5cm ressies < 202
16			 			··		MAINLY ARGILUTE ALSO
)7 i								FINER SPANO & GRIT IN
a		<u> </u>						CLAY MATRIX
9 1-	n agn 10	419-10	Loli 420	~	0.00	· · · · · · · · · · · · · · · · · · ·		
<u> </u>	D-1701-1	717512	10066 130	<u> </u>	20			
1	NUG Z			~		Data in P	······································	· · · · · · · · · · · · · · · · · · ·
2	TUGAR			A A	01	ORGANICS		
1	····			<u> </u>	1-75	PENSE TILL	MED GRY BRN	PEBBLES 1-1.5 cm
4					l			ROUNDED TO SUB-ANGULAN
								10-152 MAINY BACK
A .					·			ARGILLITE, IN DENSE
7							· · · · · · · · · · · · · · · · · · ·	CLAY MATRIX
<u>' :</u> 	10 0 C + 0 +	44 040	1.15.200					
	D99620	417 848	6065577	2		TILL	GRY OLIVE BEN	PEBBLES AND SONO
<u>^! W</u>	065							· · · · · · · · · · · · · · · · · · ·
<u> </u>	MGER			<u>H</u>	0-1	ORGANICS		
<u>, i</u>	.			Ċ	1-20	PEBBLY CLAY	PALE BROWN TO BE	GE LEAGIED TILL?
<u> </u>				<u> </u>	20-100	PEBALY TILL	GREY OLIVE BRN	·5-1 cm PEOBLES,
J :								ANGULAR FRAGMENTS
4 								OF ARGILLITE
<u>,</u>								SAME ROUNDED BLOTIC FED
0 '								
<u>/. 9</u>	15m@045 A2	_ aurca	<u>0P</u>	R,		SILICISOUS	BLACK, RED	7 020/90 VERY
8 · o :						HAGILLITE	BROWN WEATH .	SILICEOUS TAKEA ARGULS
9 i								MOTTLED TEXTURE IN AA
	·····		<u> </u>		<u> </u>			CHULD BE HORN FELS
<u>.</u>					1			
<u>4 ;k(</u>	249021	420707	6066 328	Ç	10-116	PEBBLY TILL	MED OLIVE BRN	
31[1	V064)		- <u>-</u> .					
4				A	0-2	ORGANICS		
5	<u>-</u>			C	2-40	SANDY PEBBLY	PARE BRN	SANDY LESS CONSOLIDATE
6 !				C	40-116	PEBBLY TILL	MED OLIVE BRN	ANGULAN & ROUNDED
7								PEBBLES 1-1.5 cm.
в	: 							UP TO 2020, 2-5mm
9								ARGILLITE CLASTS OMMAN
2							102	CLAY MATRIX SUADOR

CLOSURE: Last Station before reaching Base Line: _

 $\left(\right)$

(

Distance to Base Line: _

Line crosses BL _____ m _____ of Station

Daily Totals: Line-km _____Number of Samples: ___

_

		GEOC	HEN	AICAL	. Sampling Re	EPORT	Page of
ioject: <u>KALDER</u>	- Property:	OEM-HAT	And	2 A-	Claim Group: _	DEM	Claim:
ampier:	Irc	iverse:			Grid:		Date: JULY 3, 1999
vale samples sem:-	Do			elved: .		Date Plotted:	·····
Sample Number	Line	Station	õ	L La	Sed. Type	Colour	Notes
	(Fosting)	(Northing)	Ę				(Rock Fragment Description)
	1000111-01						
W065	408273	6066721	R		Olc of felds	par porply	in located a few
2					metre north	arvanza	and typic Al light
)3 [brown to le	eine lelds	par suphing
)4 :							1.1.00
05					O/c South	1 Warba	int surte weathering
06					met osen.	line Coranne	driverbe mith
)7					indated	maula la	las prillide
8					ham	An Aut	las rule 7. rolit
9					1 line 1	at 20	indo Anon
0					Auga L	NE A. I	Bul alaman
1					and the se	h. a.	, and coursed
2					- sand of	time and	ne marchell
3					Frome in	ans are o	This to Real
4					in aux 1	usona	som planes
5					alsoca	wie ones	fragmentsof
<u>,</u>	+				ash one	g casure	re and poppingu
1 15		^	. 0		wollan	<u> </u>	······································
ann ena	mining	Ven	Ch.	am	^		· · · · · · · · · · · · · · · · · · ·
<u>Came ou</u>	r al wo	68		· · · ·		<u> </u>	
20	damant	6 4170 - 17					+ 1 -
<u>w wo (67</u>	401014	6061401	.	Can	re of yom	1-9 2-p	A clame
	10 50-	6 600			· · · · · · · · · · · · · · · · · · ·		
2 WO GS	408592	a67614	R	0/2			TEZZENON ROAD
23			-		Duli/oc se	d brown	reathering carling
4		! +			altered To	pla met	Dedments on_
!5 <u> </u>		ļ			westsie	lo of por	td.
16	<u> </u>					<u> </u>	· · · · · · · · · · · · · · · · · · ·
27 🗮 KD 99 W068	LOCK BE	DCHEM		ļ			· · · · · · · · · · · · · · · · · · ·
28							
29							
0							
31							
32						1	
33							
34	1				<u> </u>	1	
35		<u>}</u>		<u> </u>	<u> ··· ··· ··· ···</u> ··		
ió ¹							
17	<u> </u> .			† ·		1	
18	+			<u> </u>		+	
	1	· · · · · · · · · · · · · · · ·					
	<u> </u>			<u> </u>			
	•	1	1		1	1	1

 \subset

 $\left(\right)$

C

		GEOC	HEN	VICAI	SAMPLING RE	PORT	Page ot
roject: Kalden	Property:	Dam-Ha	Ŧ		Claim Group		Claim:
ampler:	Tro	verse: <u>Kûr</u> î	70-	4	Grid:		Date: July 4, 1999
ate Samples Sent:_	Do	ate Results R	ece	eived: .		Date Plotted:	
Sample Number	Line (Nerthing) - (Easting)	Station (E asting) (Northing)	Horizon	Depth Depth	Sed. Type	Colour	Notes (Rock Fragment Description)
1 KD 99022	44			T			
2 WOG9	922519	Cab1198	C	20-95	TILL	LOGY NINE BAN	POBRIES / Icm & Solar
3 AUGER			1	030	PEBRLY TILL	PALE RRAN	COPPEDSION INTO
1			~	2094	PERRIY TILL	MED AINS ROAL	PEORIES / Law 5-IND
5		†*************************************	_ <u></u>		1000-11	Conc Dido	Condition Antilitte
5					1		EN ALMENT C
,	<u> </u>	i	0	60	<u> </u>	CHAR BROWN !	15RC DECMONERD
3			<u> </u>	au _		CHOC. DICOWIN	NUCCON ERALE ?
2		[VOLUTING FIGIOSS 1
Knggunzo	10, 945	60/7317	2		PACTY FLAAT	SUMPLEM	CANDENIATE ANTEREN
	421745	4001211		<u> </u>		SICILITIES 1	Suich Takin
			——			<u>////////////////////////////////</u>	MAN AD THICOT MUDUE DE
KN9967AD1	W C (n		FIRAT	PalaDED BRAL	CHARBIN ATT ALTERS
						Rolla 1.117	DIACK MATDIX AD
		+		<u> </u>		TEDDE WII	Gones Routest Anto R
	<u> </u>			<u> </u>			C. a.c Manager Ma
		÷					WILLIAM MANTA TO TASTLE ACA
<u> </u>		<u> </u>				<u> </u>	MITTE I TO VILLY PACATES
			5	+	Della and the	++.	1 a l to
	A 66		<u> </u>	1	alt any vie	un weare	ing carlinal
	 				allace of	physig er	accia manoppu
<u>.</u>	·				allered fro	gonenes o	- antiocrupsis
			0	+			17
KD44010403	I GC		<u> 1</u>	·	1 anna as a	Lose much	open space prod
	<u> </u>			+	Contrac Boul	var a like	15 6 -41 15
E019010404	E GC			·	KUSTY WEATT	MERING RUL	avorte with dissom
J	<u> </u>		<u> </u>	+	ppsnaud	²_·	
	- **			<u> </u>	0 1 0 0 0 0		
KU11070405	μiωC	+	۳Ľ		Icea isren we	urering, ca	monare allored_
/ + 		+			precia w	in aan o	ply Acklesus
J		1	<u> </u>	<u> </u>	Coment an	sevidence.	of apar space fills
		<u> </u>		+	1 1		
K094070406	H GC		n	·	KUSTY WR	THERING M	IED GREY SILICICLAS
3 : 	+				on METAUD	CARNES, P.	IN FRACTURES
<u>.</u>	ļ	<u> </u>		+	WITH BLEA	ahrn satti	ABES, EG. SPOTT
5	ļ	i	 ∤		EPIDOTS A	ONG FRACT	WRES HORNFELS?
<u>6</u>	<u> </u>	i f	 	· ·			
1 kp99070407	2 60		R		BRIGHT ON	ANGE WEATH	ERING, LIGHT GREY
8	· · · · · · · · · · · · · · · · · · ·	ļ		ļ	GILICEOUS P	paceip on	FLOW BANDED ALLO VOL
n i	1	1	1	1	1 AAAA	بمحيره مسمداه	

CLOSURE: Last Station before reaching Base Line: _____ Distance to Base Line: _____ Line crosses BL _____ m _____ of Station _____

£

Daily Totals: Line-km _____Number of Samples: ____

Project KALURAL	Property:	DEM-H	AT		Claim Group		Claim
Sampler:	_ Tropony _ Tro	verse: Ko	07	04	Grid:		Date: 14 7 4 1999
Date Samples Sent:	Do	ate Results I	Sece	wed:		Date Plotted:	
Sample Number	Une (Northing) (Easting)	Station (Easting) (Northing)	Horizon	30epth	Sect, Type	Colour	Notes (Rock Fragment Description)
01 kp99 070408	G.C.		h		RAMORO C	ARRIG WITH	Rep and the an int
02		∤			IN Smar C	ADBUL WIN	an annag origh
23			+		/ Hanger	<u>11005, 191</u>	Ner, Stillizowis
34			┼╍╍		CHYDRO TH	ENNON BREE	CIA: ON VIEIN)
05			+		CARCONIT	E HLIGHED	41 THIC CLAST S
		· · · · · · · · · · · · · · · · · · ·	<u>+</u>		mmyzin	e cunsts	MALE GREY-GREEN
17			+		(RHYOLITA	PORMARY)	TOUNDED TO MAGUE
ле — — — — — — — — — — — — — — — — — — —		· · · · · · · · · · · · · · · · · · ·	+		-IRACE	YANTE IN	SOME FRAGMENTS
		<u> </u>					
10	· · · · · · · · · · · · · · · · · · ·				·		
		<u>. </u>	<u> </u>	<u> </u>	 		
12							
·		• •	├		+	·· · · · · · · · · · · · · · · · · · 	
			<u> </u>			- <u> </u>	
14		<u>]</u>	+		<u> </u>		<u>}</u>
······································			_−			<u> </u>	
·/·			<u> </u>				
					<u></u>		
19			 	ļ	L		
	·		+		<u> </u>		
21 :			<u> </u>			_	
22							
23					L		
24	·	1 +	<u> </u>				
25					<u></u>		
26		ļ	<u> </u>	ļ	L		
27		 +	 				······································
28		·	<u> </u>		L		
29			ļ	ļ			
30	<u></u>	 	<u> </u>	 	ļ		
31		<u>i</u>	} 	! 	1		
32			<u> </u>	<u> </u>	<u> </u>		
33							
34							
35							
36							
37		!					
38			1				
30		· · · · · · · · · · · · · · · · · · ·	1				
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	1	[

ġ

 C^{2}

(

С

Project: KALVER	Property: 0	EM-HAT	·		Claim Group:		
Sampler: <u>US-JM</u>	Irc				Grid:	Date: JULY 5, 1999	
Date Samples Sent:_	Do	ate Results f	Rece	eived: .			
Sample Number	Une (Nothing) - (Easting)	Station (Easting) (Northing)	Horizon	3 Depth	Sed. Type	Colour	Notes (Rock Fragment Description)
11K099023	422588	6069609	C	140-152	TILL	MED Clive BRN	PEBOLES < 10 2
D2 PIT AND							
D3 AHGER N.			A	0-1	ORGANICS		
SOF OF ROAD	Į		<u> </u> C	1-40	PEBBIS TILL	PALE BEIGE	PEBBLES 1-1.5cm <10'
15 (W071)		·		L			GRIT \$ SAND & 10 2
15			 +				CLAY MATRIX
17	· · · · · · · · · · · · · · · · · · ·		C	40-15	TILL	MED OLIVE BRA	ICM PEBBLES - 105
)8	·	. <u> </u>	: -				MM SCALE ARGILLITE
9 <u> </u>	l		<u> </u>				FRAGMENT 210 020
0							MATRIX SUPPORTED,
]: 			L			· ·	DENSE CLAY
2							
3					•		
4			¦ +	!			
5	ļ		·				
6			-				
7		L					·
8'	•		 	<u> </u>			
Ç.						 	
0			<u> </u>				
21			 ;				
2							· · · · · · · · · · · · · · · · · · ·
23 .	 	· 	• • • • •	; 			
24 :			, ,				
?5							· · · · · · · · · · · · · · · · · · ·
?¢			ļ	<u> </u>			· · · · · · · · · · · · · · · · · · ·
?7	ļ	····	ļ	<u> </u>		 	
8	· · · · ·					 	 +
9 	ļ					·	
i0	ļ		:				
<u>si </u>	! 	<u> </u>		, ! }			
	• • • • • • • • • • • • • • • • • • • •			L			
3	<u></u>			Į		ļ	
4				\bot			· · · · · · · · · · · · · · · · · · ·
·5				<u> </u>		·····	· · · · · · · · · · · · · · · · · · ·
ió	ļ	 		 			i
	 ,	<u>↓</u> ,	÷	÷			
8:	<u> </u>		ļ	<u> </u>	·····	ļ	
.Q ;	 		<u> </u>	 		·····	· · · · · · · · · · · · · · · · · · ·
ю:	i.	,	-	1		,	

1.1.1.1.6		GEOC	CHE	MICAL	<u>. Sampling re</u>	EPORT	Page _1_ pr _2_
Dject <u>KHLDAR</u>	Property:	DEM-HAT	An	<u>SA</u>	Claim Group:		Claim:
atte Somples Sonti	ir	avelse: <u>Ky</u>	070	<u>~</u>	Grid:		Date: 21127 6,1999
	<i>V</i>			elvea; .		Date Plotted:	
Sample Number	Line	Station	S S	Ę	Sed. Type	Colour	Notes
	(Fastina)	(EGSIIN g) (Northing)	ļ ģ				(Rock Fragment Description)
	(2.000.00)		 		<u> </u>		
KD99024	417428	6268383	C	50	PEBBLY TILL	MED BROWN	-2 cm PEORES 20-60
W072		· · · · · ·					SAND 2020
PIT		: 	A	0-1	ORGANICS]	GLAY MATRIX
1			C	1-36	PEBBLY TILL	HANT BOOM	1. 1
ð							1-7 Cm Palille, 7197
			1				The seels coit of
			1			•	Son 1 20 07 Willing
}	; · · · · · · · · · · ·		6	21-50	DERRIN TH.	Men Round	Como de a conves
)				<u>- 10 - 14</u>	L'ELZINGI ITAL	WEAT WILCOWN	RET NOCHER
)			†				MI VHILKER
KNSMAL		+	2	CILCONA	SAUN CLOU	Van Anual	
				Junit	JANUI LUTY	1420 DIGHON	OXIVICAD TILL IN
							CLEAR CUT.
	1111	(11-20)	0/		SILICICLASTIC		
<u>-W074</u>	41661	0065180	1/2		TO ANGILLITA	MED GREY	STRONGLY JOINTED
·	<u> </u>	·			WITH CAPILLY		OUTCROP CARBONATE
·		÷	:	· · · · · · · · · · · · · · · · · · ·	··		VEININING POSSIBLE
		· · · · ·		r			WEAK HORNFELSING
·							
W076	405495	6070907	1/2		PIT - CAN	BONATE M	TERED PALE
): 					RED BROW	UN WEATHER	LING BOULDERS
PHOTO					WITH CM S	CALE CALLT	E UEINING ALONG
· ·					JOINT SET.	5 BRITTE	DEFORMATION WITH
					CALCITE FI	LING OPEN	JOINTS
KD070601 F			R		Rock	PALE ORANGE BR	V CARBENATE & SILICA
);					FLOAT		ALTERED ROCK WITH
l'		1	;				OPEN SPACE FILLING TOXILL
· · · · · · · · · · · · · · · · · · ·					······································		<u></u>
* KD070602 F		T	2		nock FLOAT	1241 STY WEATHERIN	BLACK EVAITIC ADLINT
)	· · · · · · · · · · · · · · · · · · ·		-				TAKIACO ON TIME
		†	<u> </u>			 	HORNESIC
	+ · · · · · · · · · · · · · · · · · · ·	<u> </u>				<u> </u>	I INTERTIZES
Kh074649		<u>.</u>	n		Cha 6 6	MRA. Day Carl	0
THE TOTAL		<u> </u>	<u> </u>		THE U/C	VINK 6125 Y	roly MICTIC REBALS
· · · · · · · · · · · · · · · · · · ·			<u> </u>			<u> </u>	LONGLOMERATE TAKLA
·		<u> </u>	<u> </u>				GRAMP, PALE GREEN
	<u> </u>	i 			<u> </u>	ļ	HUTENATION ! OF MATRIX
an los and a l	ļ				<u> </u>	; ;	
N KD070604	T	·	r_		ROCK FLOAT	DANK GREY	PYRITIC THAT LA
	 						META SEDIMENTARY
						1	HOMMERIC

Line crosses BL _____ m _____ of Station _____

۰.

Daily Totals: Line-km _____Number of Samples: _____

toject <u>KALPER</u>	_ Property: _	DRM HA	I. GA	6A	Claim Group: _		Claim:	
ampier: <u>4 s -0 191</u>)ate Samples Sent:		IVERSE: Ita Dasulte I		ivod	Grid:	Data Dattadi	Date: _ July (6, 1999	
Sample Number	Line	Station (Sastion)	ļ j	ept	Sed. Type	Colour	Notes	
	(Easting)	(Northing)	1 Q	(cm)			(Rock Fragment Description)	
IKD070605			n	<u> </u>	DAL FORT	PARE ANNUE P	En CHARMATE	
2			<u> </u>	····		THE D. UNINGO DE	N 12. CHICPONITIN_	
)3					+		TO LOUR ,	
)4			<u>+</u>		·		LGNOOUS WITH	
			+			+	DEFEN SPACE FILLING	
					+		THE GREEN MIGRATIN	
7							OF TRAGMONTS! PHENOCRY	
8 = Knozacoco			2		Roch Elman		CARAGE AS OPANIS	
9			<u> </u>		WUN I WITI	· · ·	PURILIK FAMT	
0			÷ i				CLICK-GNCINC -	
1			i		<u> </u>	+	SHUMMUSIUES	
2 K 0070607	7		R		ROCK FINAT	PALE ORANGE BAL	W FO CARALINATE BITER	
3							THE CAPPOINT A CARA	
4	Crana	8.4000	<u>↓</u>		+		MARINE, THE BROWN	
5	3/1-02	Conclog	-			+	ALLAND AF DISE SHALLATE	
6	{						ELLES DI DISSOLUTION	
7					<u> </u>	· · · · · · · · · · · · · · · · · · ·	V. LG. PAICLE	
8 m k 0070609			n		RACK FLAGT		BLACK N. F.G. SULFIDE	
9			10		HOUS LUAT		VEIN/STUTCA REPAREM	
0			}'		<u>}</u>		IN THIS BOULDEN-	
1								
2		·			1 			
3		·	<u>}</u>			+	<u> </u>	
4					1			
5			;					
6			<u> </u>		•		<u> </u>	
7			<u> </u>			·	1	
8								
9;			<u> </u>			<u> </u>	<u> </u>	
<u>, </u>			÷		<u>+</u>	+		
1	[+	+		
2					+	+	 	
3				└── <u>-</u> -	· 	+	i	
<u> </u>			┼──			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
<u>к</u>			├			·	: 	
×			¦	<u> </u>	· · · · · · · · · · · · · · · · · · ·	+	· · · · · · · · · · · · · · · · · · ·	
7			÷		1	<u> </u>		
· 			<u> </u>				<u> </u>	
<u> </u>							l 	
n	······				- 			
. ا						1		

.....

1140 SFRUITA	us that	(144 5	sAr	npU	NG		
0		GEOC	HE	MICAL	SAMPLING RE	PORT	Page <u>1</u> of <u>1</u>
Project <u>KAROBA</u>	Property:	PEM-HAT 1	<u>HE</u>	<u>À</u>	Claim Group: _		Claim:
Date Samples Sent:	L Ir	averse: <u>Kør</u> ate Desutte I	700		Grid:	Date Date d	Date: 1414 8, 1999
	U					Dale Pioliea;	
: Sample Number	Une (Nodhio a)	Station	LO2	ttd:	Sed. Type	Colour	Notes
	(Easting)	(Northing)	Р.				(Rock Fragment Description)
01-1-09025	4-191	1017.10					h
02 1 1 0 2 3	411214	6062019		1/0-18	PEBBLY THE	MED OLIVE BAN	CUT BANK
13 0 -	<u> </u>	+			·	· · · · · · · · · · · · · · · · · · ·	: +;;;;;;
00 P17			∔ <u>₽</u>	0-4	ONGANICS		· · · · · · · · · · · · · · · · · · ·
אר אר	÷	<u> </u>	<u>F</u>	<u>4-25</u>	PEBBLY TILL	PALE GRY	
<u>~</u>			C	75-183	PEBBLY TILL	MED OLIVE BRI	ANGULAR ARGILITE
77		·	 	ļ		F .	FRAGMENTS 1-2 cm
אין 	· ·	·	 	ļ			220% GRITE SAMO
0	·	i 	ļ	ļ			6 10% VERY DENSE
10 : 19 :		 	·				CLAY MATRIX
<u> </u>							
1.10084	417619	6064826				! • • • • • • • • • • • • • • • • • • •	ROAD JUNCTION AT EPGE
2							CFCLEAR CUT
3 W0 85	417753	Kal A 533	R	2/C	Altenso Hbl	DIDNITE O/C	EDGE OF CLEANCUT
4 WO 86	418040	6064506	r_	0/2	16 11	11	
15 : 	 	T				····	
~ KD99026	418 266	6064777	C	170	PENSE CLAY	MED GRY BRIN	ANGULAR FRAGMENTS 410
W081	·····					·····	
		 	C	1-190	PEBBLY TILL	MED GRY BAN	MINON PRBBLES HP
······································		ļ		ļ			(D,75cm
20	ļ	ļ	C	40-170	PEBBLY TILL	MEDGRY BEN	PNGULER ARGILITR
· · · · · · · · · · · · · · · · · · ·							FRASMENTS UP TO
2		·					1020 SOME OXIDIZED
23	 		 				FRAGMENTS
24	•						
15 K099027	416743	6063997	C	210	PEBBLY TILL	PRK GRY BRN	DENSE CLAY WITH
° W088	ļ	ļ	ļ		<u>_</u>		2-5 mm KRAGMENT
PIT & AUGEN		<u> </u>		! 		ļ	LLORO MANY
28 CUT BANK		 					RED & YELLOW BROWN
29 -						 	OXIDE PRAGMENTS
30	; • • • • • • • • • • • • • • • • • • •	ļ					· · · · · · · · · · · · · · · · · · ·
" = KN07080 1	l		R	<u> </u>	nock o/c	DARK GRY	HEL DIORITE WITH
					··		BIOTITE ALTENATION
13	 		l 				
4 + K0070802	[n		ROUK FLOTAT	PARE ORGNER	PARK GREY PEBBLY
35							EREYWACKE TAKLAG
ió.							Fe CAR GUNATE ALTEREN
17							WHITE CALCITE VEINING !
18 1 KD070803			r		NOCK FLOHT	BLACK	MULTI STAGE BLACK
، ک ^ر							STETUM REPERCEMENT
.Ç							Utime (+++++++++++++++++++++++++++++++++++

CLOSURE: Last Station before reaching Base Line: ______ Distance to Base Line: ______ Line crosses BL ______ of Station ______

Doily Totals: Line-km ______Number of Samples: _____

HUJEC KALDER	Property:	DEM-HA	T A	nsA	Claim Group:		
Sampler: <u>US-</u> ,	M Tr	averse:			Grid:		Date: 211LY 9, 1999
Date Samples Sent:_	D	ate Results F	ece	eived: _		Date Plotted:	
Sample Number	Line	Station	G	Ę	Sed. Type	Colour	Notes
:	(N orthing) -	(E asting)	<u>D</u> İŻ	, Ö			(Rock Fragment Description)
- • • • • • • • • • • • • • • • • • • •	(Easting)		_		· · · · · · · · · · · · · · · · · · ·		
K099028	413938	6063442	C	69	PEBBLY TILL	MED GRY BAN	
12 WO91			ļ				
13. PIT			4	0-9	ONL ANICS	} }	
4			C	9-69	PERRIY TILL	MED GET BRN	VEDT DENSE CLAY
5							MATRIX SUPARTING
6							FRAGMENTS UP CD
7	·					<u>-</u>	FIST SIZE
	-•		· • · -				10-1597 PERRIEC
••••••••••••••••••••••••••••••••••••••	-+					· · · · · · · · · · · · · · · · · · ·	102 SAMIN APLANTE
0		+	—				ERAGMENTC
1	+	••••••		•·····	·····	<u> </u>	(
2: kn99029	417983	6064690	·		·····	··	
3 WAAR	1.2000	WU1201	A	0-10	ARGANICS		
<u>VY_U_1</u>			1	10 00	PERPIN TH	PARRAN	
<u> </u>	<u>.</u>		~	40-00	PRODUCTION	MCD ALUC DAJ	a BRIEG IN 1507
<u>م</u>			<u> </u>	10 00	TUDGLY THE	riew ULIVE DIAN	17. DCARISE E 100
7							T-San Pepties S-10-6
<u> </u>			ļ			Z	-Sman MOULANC Manual
<u> </u>				0 20	R. ILL.	F	UTERPENIS 10-150G
<u>,</u>				Coll	eour feldsp	a porphy	262
	1.0.050	101-0-0			0.0		
A KDPODI	413056	6065311	P.		PANNING CON	CENTRA 75_	I large Dreved pan
<u>~ WU 44</u>			 		#8 MESH	POPHYRY F	ONT, I SILISICLASTIC BOU
			_	-		A 1	1 D ITM
• KUS002		SOIL	Ď	12	SOIL	Ked	oridized like, Red
					·····		weathing
∧							
	didlat	is sear.					
7 Kp99030	414616	6065360	C	10	PEBBY IIL	MED BILN	• · · · · · · · · ·_
7 Kp99030 8 W095	414616	6065360	2	10	PEBBY IIL	MAD 1374N	· · · · · · · · · · · · · · · · · · ·
7 Kp99030 8 W095 9	414616	6065360	C A	0-8	PEBBLY TILL ORGANICS	MAD 1374N	······································
7 Kp99030 8 W095 9	414616	6065360	C A	0-8 8-33	PEBBLY TILL ORGANICS PEBBLY TILL	PALE BROWN	
7 Kp99030 8 W095 9	414616	6065360	C A	0-8 8-33 33-76	PEBBY THE ORGANICS PEBBLY THE PEBBLY THE	PALE BROWN MED BRN	1-2cm PEBBLES
7 Kp99030 8 W095 9 2	414616	6065360	C A	0-8 8-33 33-76	PEBBLY TILL PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2cm PEBBLES 10-20%
7 Kp99030 8 W095 9 2 3	414616	6065360	С А	0-8 8-33 33-76	PEBBLY TILL ORGANICS PEBBLY TILL PEBBLY TILL	PALE BROWN MGD BRN	1-2cm PEBBLES 10-20th 2-5 mm fragments
× 7 Kp99030 8 W095 9 0 1 2 3 4	414616	6065360	С А	0-8 8-33 33-76	PEBBY TILL ORGANICS PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2cm PEBBLES 10-20tr 2-5mm fragments 10-20tr
7 Kp99030 8 W095 9 1 2 3 4 5	414616	6065360	С А	0-8 8-33 53-76	PEBBLY TILL PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2000 PEBBLES 10-2002 2-5 mm fragmants 10-2002
7 Kp99030 8 W095 9 0 2 3 2 5 6	414616	6065360	<i>C</i>	0-8 8-33 33-76	PEBBLY TILL ORGANICS PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2000 PEBBLES 10-20to 2-5 mm fragments 10-20tz
7 Kp99030 8 W095 9 0 2 3 3 4 5 5 6 7	414616	6065360	<u>с</u> А	0-8 8-33 33-76	PEBBY TILL ORGANICS PEBBLY TILL PEBBY TILL	PALE BROWN MED BRN	1-2000 PEBBLES 10-2002 2-5 mm fragmants 10-2002
7 Kp99030 8 W095 9 2 3 4 5 6 7 8	414616	6065360	A	0-8 8-33 33-76	PEBBLY TILL PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2cm PEBBLES 10-20tr 2-5 mm fragmants 10-20tr
1 Kp99030 1 W095 1 1 1 1 2 1 3 1 15 1 16 1 7 1 8 0	414616	6065360	C A	0-8 8-33 53-76	PEBBY TILL PEBBLY TILL PEBBLY TILL	PALE BROWN MED BRN	1-2000 PEBBLES 10-20to 2-5 ma fragments 10-20tz

t

Project: Kalder	Property:	Dem-Hat	are	á	Claim Group:		Claim:
Sampler: <u>U.S) r</u>	<u>. </u>	averse: <u>KD</u>	2711		Grid:		Date: July 11, 1999
Date Samples Sent:	D	ate Results ((ece	eived:		Date Plotted:	
Sample Numper	Line (Northing) (Easting)	Station (Easting) (Northing)	Hoizon	(cm)	Sed. Type	Coloui	Notes (Rock Fragment Description)
0: a Kn071101			n		Roch	dade mar	prait: Hhl dist
02			+		007	name guey	Hhig 50 2 mili
03			+	<u>}</u>	·		E-127 Della Li
C4			+			<u> </u>	Stop paregrey
05		+				+·· ·· · -	paquetast
00 K099031	410613	Call 8 152	ic.	<u> </u>	T111-	Med Oner Bin	
07 (W(II))	110 00 10					and any with the	
08		<u>+</u>	A	0-11	ODGANICS		•
09			B	10-50	SANDY PERALY	REDONSH BAI	OXIDIZEN TIL
10				10.00	CLAY	- Company VIN	PRESIBLY REWARERI
11.			<u> </u>	†			LANGE PARALES
12 -			0	5,85	PERRY TILL	MED GAY BAN	1-3in PERRIES ZOD
13							SAND & GRIT ZATZ.
14			<u>†</u> _	1			couldes 40 to 15 en.
15		-************************************	+ 				Later and a sector
10 Kno7107		****	n	1	MOR SUBO/C	PALE BRN	QUARTZ-FELDSPAN
17			+				PMPHYRY KTA
18			•				
19 1 KD07110 4			a	1	FLAGTHAUS	DAK GREY	TAKLA SILICICLASTIC
20							HORNFELS WITH BLACK
21		· * · ··· ··	1				VEINING FOR AND A
22			+	1			3502
23			+	<u> </u>			
24 1 10071105		· · · · · · · · · · · · · · · · · · ·	R		FLOAT BOULDE	PALE ORANGE	FE CARBONATE &
25			:			BROWN	SILICA BRECCIA.
26		i		i			ANGULAR FRAGMENTS
27			1		I		OF TAKLA METASEDS
28			1				
29				!			
30				!	•		
31	• •	· · · · · · · · · · · · · · · · · · ·					
32			:				
33				;	7		
34	· · · · · · · · · · · · · · · · · · ·		-		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
35		· ,	-+	•			
36				!			
37							
38			1				
39 :							
4C			1	1			
			* * *		······································		

1

Daily Totals: Line-km ______Number of Samples: ______

Reject. Kaller Nopetty. Res. Edited. Claim Somple: itoverse: KQ 21/3 Grid Color: Claim: Claim: Somple: itoverse: KQ 21/3 Grid Color: Claim: Claim: Somple: Date Points: Korney Somple: Somple: Note: Somple: Une Somple: Somple: Somple: Note: Note: Somple: Une Somple: Somple: Somple: Note: Note: Note: Somple: Une Somple: Somple: Somple: Note: Note: Note: Somple: Note: Somple: Somple: Note:	· · · · · · · · · · · · · · · · · · ·		 			C A N AF			
Norther Norther Norther Norther Colin	Project: Kalden	< Proportie	GEUU				LING RE	PORI	Poge o!
Date Samples Sent Date Received: Date Point Date Samples Sent Date Received: Date Received: Notes Sampe Number three Sample Sample Sent Date Received: Notes Sampe Number three Sample Sample Sent Date Received: Notes Sampe Number three Satan Satan Sent Point Received: Notes Sampe Number three Satan Satan Point Received: Point Received: Notes Sample Satan three Satan Received: Received: Paste Satan	Sampler:	горену. та	waranka	<u>41.8</u> 1717	2	Claim	Group:		
Some Number Under Notation Control Didle Polled Some Number Interesting State State Sod type Colour Rock Fragmen Description 01. # KL0713.0 1 Hild 52.1 667004 P. Rick Flogt Rock Fl	Date Samples Sent:	"' D	nte Results (2000		Giid: -		Data Plattadi	Date:
Sampe Number Une (Earing) Station (Earing) Station (Earing) <thstation (earing)<="" th=""></thstation>		V							······································
Itemating Team of the second of	Sample Number		Station	UQ2	pt	Sed	і. Түрө	Colour	Notes
Image: State State Park FLOOT See Park FLOOT See On Ansee Park FLOOT See On Ansee <td></td> <td>(Prodhing) (Eastina)</td> <td>(Easting), (Northing)</td> <td>Ş</td> <td></td> <td></td> <td></td> <td></td> <td>(Rock Fragment Description)</td>		(Prodhing) (Eastina)	(E asting), (Northing)	Ş					(Rock Fragment Description)
M = KC07150 H16521 6667004 P. Nake Funt Peo Dianke Pule gues-grass 021 W113 W12		1	(/	н <u>. </u>	1 1 ····			
041 μighty freetred luit dischard & bricking 021 Linghty freetred luit dischard & bricking 025 k097032 446/115 6066987 C 70 PEBRY THE MED BAN 1-20m. Reference 05 k097032 446/115 6066987 C 70 PEBRY THE MED BAN 1-20m. Reference 06 C 1-27 PEBRY THE MED BAN 1-20m. Reference 162 07 A 0-1 026ANICS 1-20m. Reference 162 08 C 1-27 PEBRY THE MED BAN 120m. Answere 162 10 C 2770 PEBRY THE MED BAN Sub Answere 163 11 C 2770 PEBRY THE MED BAN Sub Answere 163 13 C 2770 PEBRY THE MED BAN Sub Answere 163 14 D Der BAN Sub Answere 163 164 207. BAN Answere 14 D Der BAN Sub Answere Sub Answere 164 207. BAN Answere 15 R Refer Ban Der BAN Answere Sub Answere Sub Answere	01 # K0071301	416521	6067004	r-		ROCK 1	FLOAT	RED ORANGE	Pale grep-grass
03	02 W113	ļ				 		<u></u>	propun houlder
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	03	· · · · · · · · · · · · · · · · · · ·	ļ	ļ.,		high	ly fra	tweed fut al	shard to breach_
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	C4 :				[0	~1		
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	05 KD99032	416115	6066987	C	20	PEBBLY	TIL	MED GRY BAN	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	05 W 116								
08 C 1-27 PEBRAY TILL RED BAN' 1-2 cm PEBRAS 10-152 10	C7 ·	· ·		A	0-1	ORGA	THICS	1	
109 2-4mm. βnGu.gr. Fibbles 10 μΑινκτ. Αποδικ.υτξ. 10% 11 C 27-70. PEGELY TILL NEO GRY BAN Sub. Anksurn. 12 ANO GRY BAN Sub. Anksurn. ANO GRY BAN Sub. Anksurn. 13 C 27-70. PEGELY TILL NEO GRY BAN Sub. Anksurn. Ano Gry Ban 14 ANO GRY BAN ANO GRY BAN Sub. Anksurn. Ano Gry Ban 14 ANO GRY BAN Ano Gry Ban Ano Gry Ban Ano Gry Ban 15 Ano Gry Ban Ano Gry Ban Ano Gry Ban Ano Gry Ban 16 Kb071302 R Cock FLONT NEO ONANGE Phic Green fragment Ano Gry Ban 17 AND OTISO 3 R Prock. FLONT NEO ONANGE Phic Ban Ant GANATE ALTERNO 22 AND OTISO 3 R Prock. FLONT NEO ONANGE BLACK % GREY 23 MAD OTISO 5 R Ontrace Phic Ban OnAnde Fa Grey Ande 24 AND OTISO 5 R Ontrace Phic Ban OnAnde Fa Grey Fabre 25 MKD OTISO 5 R Ontrace Phic Ban OnAnde Fa Grey Fabre 26 MILO TISO 5 R Ontrace Phic Ban	08	· · · · · · · · · · · · · · · · · · ·		C	1-27	PEBBL	YTILL	KEO BRN'	1-2 cm PEBBLES 10-152
10 MAINEY MISSION [] 10% 11 C 27-70 PEBBLY TILL HED GRY BRN SUB BASULAN 12 AND DEMUNDED PERSPECTING AND DEMUNDED PERSPECTING SUB BASULAN 13 20% UP TO S CM AND DEMUNDED PERSPECTING AND DEMUNDED PERSPECTING 14 20% UP TO S CM AND DEMUNDED PERSPECTING AND DEMUNDED PERSPECTING 15 20% UP TO S CM AND DEMUNDED PERSPECTING AND DEMUNDED PERSPECTING 16 KDD TISO Z R. POCK FLOHT DED ONANGE PARE GREENTH GREY 17 III IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	109								2-4 mm ANGULAR FRAKTOR
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	10								MAINLY ARGILLITE 102
12 ANO POWDED FRESHWITS 13 20% UP TO S cm. 14 10-15% SHALLER FRESHWITS 15 10-15% SHALLER FRESHWITS 15 10-15% SHALLER FRESHWITS 16 10-15% SHALLER FRESHWITS 17 10-15% SHALLER FRESHWITS 16 10-15% SHALLER FRESHWITS 17 THELD META SED. HOUTES 18 CARBONATE & SILL GA 19 ANTOFALATION 20 ANTOFALATION 21 KD 07130 3 21 KD 07130 3 22 NULTI-STAGE STUCK VENNES, BLACK & GRESY 23 MULTI-STAGE STUCK VENNES, BLACK & GRESY 24 NULTI-STAGE STUCK VENNES, BLACK & GRESY 25 KD 07130 5 R 26 POTPHYRY, CLAY 27 PHE GRESH PEDESAN MATCHY METALLES 28 PALE GREY SHANCAY VENNES, BLACK & GRESY 29 PALE GRESH SHANCAY VENNES, BLACK & GRESY 29 PALE GRESH SHANCAY VENNES, BLACK & GRESY 20 PALE GRESH SHANCAY VENNES, BLACK & GRESY 20 PALE GRESH SHANCAY VENNES, ATTEL SHALLES 20 PERBLY SHANCAY VE	.11			1	27-70	PERSU	YTILL	MED GRY BRN	SUB ANKILLAN
$\begin{array}{c c c c c c c c c c c c c c c c c c c $.12				-		.)		AND PAUNDED FRAGMENTS
14 10-15% SHALLA FRANCIST 15 10 16 K D071302 16 K D071302 17 11 17 11 18 K D071302 19 11 10 K D071302 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 12 11 14 11 15 11 16 11 17 11 18 11 19 11 11 11 12 11 12 11 12 11 12 11 12 12 12 12 <	13								20th 4PTO Scon
15 R POCK FLONT ILD ONANGE PME GREENIH GREY 10 KD071302 R POCK FLONT ILD ONANGE PME GREENIH GREY 17 ID ID ID ID ID ID ID 18 ID ID ID ID ID ID ID ID 19 ID	14					1			10-150 SULALIEN FRACTIONER
10 K b071302 R Pack FLOMT LED ONANGE PAGE GREENHT & REY 17 17 17 17 17 17 17 18 18 18 18 18 18 18 18 19 19 19 10 10 10 10 10 21 KD 071303 17 10 17 17 17 17 21 KD 071303 17 10 10 10 10 10 21 KD 071303 17 10 10 10 10 10 21 KD 071303 17 10 10 10 10 10 10 22 23 10	.15	· ···· ··· ···	• !			•			TO IS SAMECUC MARKED
17 1000 11 20 00 11 20 00 11 1000 11 20 000 10 1000 11 20 000 10000 10000 10000 10000 100000 1000 100000 100000 10000 10000 100000 10000 10000 10000 10000	10 = KhA71302	1		n		Park	FLAAT	DED MANGE	DAIE CREENIN GREY
$\begin{array}{c c c c c c c c c c c c c c c c c c c $.17	·		<u> </u>		and -	1 0011 1	Jupp or on the diff	FOLL A WETA SEA HANNER
19 An TERATION 20 An TERATION 21 AND OTISO 3 21 AND OTISO 3 22 NOCK FLOAT RED ONANGE FE CANDONATE PLICASED SULCIFIED TAKLA? 23 MULTI-STAGE STUCH VENNING, BLACK & GREY 24 An TERATION 25 KD071305 26 PALE REDBEN QUART 2 FELD SPAR 25 KD071305 26 PALE REDBEN QUART 2 FELD SPAR 26 PALE REDBEN QUART 2 FELD SPAR 27 PALE REDEPAR PHENOCAYSTS 28 PALE CAREY GREEN MATCH & ALTERATION 29 HINOT SALAHIDE OXIDE ON FRACTURES 30 MOSOGS 100 m FROM ROAD B 20 31 SOIL SAMMENSE AT ODD B 20 32 NOSOG 100 m N B 25 34 KDSOOG 100 m N B 25 35 PALE RED BEN 2012 ELD 34 KDSOOG 100 m N B 25 35 PALE RED BEN 2012 ELD 36 ND 20 4 37 KDSOOG 100 m N B 25 32 SOOG 100 m N B 25 34 KDSOOG 10	· 18	1							PARCHIPIELT JED. WANTES
2C Image: Constraint of the constrain	19								ATEA ATION!
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	20	• · · · · · · · · · · · ·						1 • · · · · · · · · · · · · · · · · · · ·	HC CACHTIC CO
1×100 (150 S) [L] 100 (150 F) Ref of 1180 E F2 CAM325000 E H121200 22 SILUTATION C SILUTATION C SILUTATION C SILUTATION C F2 CAM325000 E H12120 23 MULTI-STAGE SNICH VEINING, BLACK 9 GRAY 24 MULTI-STAGE SNICH VEINING, BLACK 9 GRAY 25 K0071305 P OHTCROP PALE REDBRN QUART 2 FELD SPAR 26 POTPHYRY, CLAY P P P P 27 PALE GREY GRESS MATRIX ALTRATION P P P 28 PALE GREY GRESS MATRIX ALTRATION P P P 29 HINOR SHLPHIDE, OXIDE ON FRACHES P P P 30 HINGR SGREY GRESS MATRIX ALTRATION P P P P 31 SOL SAMELINK, TRAVERSE AT ODD ⁰ P P P P P P P P 32 KDS 005 100 m FROM POD B 20 P P P P P P P P P P P P P P P	21 + 60 0712 0 2	:		 		Mac I-	CI MT	aca on talls	Provide Atta Attained
23 SILCIPIC DIFFERIO INDER IN 24 MULTI-STAGE SILICA VERNING, BLACK & GREY 24 D MULTI-STAGE SILICA VERNING, BLACK & GREY 25 KOOTIBOS R OMTCROPP PALE REDBEN QUART 2. FELD SPM. 25 KOOTIBOS R OMTCROPP PALE REDBEN QUART 2. FELD SPM. 26 PALE PALE REDBEN QUART 2. FELD SPM. PMTRY, CLAY 27 PALE GREY ERESN MATRIX. ALTRANTIN 28 PALE GREY ERESN MATRIX. ALTRANTIN 29 HINOR SMLPHIPE, OXIDA ON FRACTURES 30 HAFICS D HOIZED 31 SOLL SAMPLINK, TIANGASE AT 0000 32 KOS005 IOO m. FRUM ROAD 33 KOS005 IOO m. FRUM ROAD B 34 KOS005 IOO m. N B 25 34 KOS008 IOO M.N B 25 WILL 'I BED BRN 2925 'elw 35 IOO M.N B 25 WILL 'I BED BRN 2925 'elw IDDITTS 36 KDS008 IGO M.N B 25 WILL 'I BED BRN 2925 'elw IDD	22	•		r_		TALK		NOD DIGITION	Fe CHABONHIE HURED
23 PMLTI-STAGE STICH VENNE, BLACK 4 GREY 24 24 25<		• · · · · · · · · · · · · · · · · · · ·					n		SILICIMILD VARLA
25 KD071305 R OHTCROP PALE REDBAN QUART 2 FELD SPAN 20 POT2PHYRY, CLAY POT2PHYRY, CLAY 27 PALE GREY GREEN MATCHY, ALTERATION 28 PALE GREY GREEN MATCHY, ALTERATION 29 PALE GREY GREEN MATCHY, ALTERATION 20 PALE GREY GREEN MATCHY, ALTERATION 30 SOUS 005 100 m FROM ROAD B 20 31 SOUS 005 100 m N B 25 SANDY REBUYCLAY BEIGE 2925 (els) 33 KDS000 100 m N B 25 4 4 4 FED BRN 2925 (els) 35 SOUS 010 IOD N B 25 4 4 4 FED BRN 2925 (els) 37 KDS000 100 m	20		· · · · ·			MULT	- 51 AGA	SILICA VEININ	G BLACK & GREY
22 K BOTTSOS 12 CHICLEOF PHE KOBBAN QUART 2 FELD STAR. 20 PORPHYRY, CLAY PPRPHYRY, CLAY 27 PALE GREY FREEN MATRIX, ALTERATION 28 PALE GREY FREEN MATRIX, ALTERATION 29 HINON SHLPHIPE, OXIDE ON FREENTES 30 MAFIC S D XIDE ON FREENTES 31 SOIL SAMTLINK, TRANERSE AT ODDO 32 KDS 005 33 KDS 005 34 KDS 006 35 POM N 36 KDS 007 37 KDS 008 38 KDS 008 39 KDS 009 30 B 25 31 SOIL SAMTLINK, TRANERSE AT 0000 32 KDS 005 33 KDS 006 34 KDS 006 35 POM N 36 KDS 008 37 KDS 008 38 KDS 009 39 KDS 000 39	25 20 40 40 20 20	+		5			<u></u>	DALE DE DAL	0.11.1.12 Do. 0.01
27 PHTGHANK, CLAY 28 PALE GREY GREEN MATCHY, CLAY 29 PALE GREY GREEN MATCHY, MITRAPTION 29 PHTGHANDE, SALPHIDE, OXIDIE ON FRACTURES 30 PHTFLING, THANGRESE AT ODD ⁰ 31 SOIL SAMMLING, THANGRESE AT ODD ⁰ 32 NOSOO5 33. KOSOO6 100 m FRIGH POAD 34. KOSOO5 100 m FRIGH POAD 35 SOIL SAMMN CLAY 36 KOSOO5 37 KOSOO8 160 m N B 32 SOOB 100 m N B 32 KOSOO5 100 m N B 25 SANDY REBLY CLAY BEIGE 2925 Clay 34 KOSOO8 100 m N B 25 35 FULTOT 36 KOSOO8 160 m N 37 KOSOO9 100 m N 38 KOSOI0 140 m N 39 KOSOI0 140 m N 39 KOSOI0 140 m N 37 KOSOI1 160 m N 39 <td>20 KD011SOS</td> <td></td> <td>÷</td> <td>14</td> <td>···· •·-</td> <td>OUTC</td> <td>1207</td> <td>THE RED BRAN</td> <td>QULART Z FELD STAR</td>	20 KD011SOS		÷	14	···· •·-	OUTC	1207	THE RED BRAN	QULART Z FELD STAR
27 ALTERADO FELOSPAN_ PHENOCRYSTS 28 PALE GREY GREEN MATRIX, ALTERATIND 29 MINON SHLPHIDE OXIDE ON FRATURES 30 HINON SHLPHIDE OXIDE ON FRATURES 31 SOIL SAMPLING, TRAVERSE AT ODD ⁰ 32 KOSOO5 33. KOSOO6 100 m FROM POAD 34. KOSOO5 100 m FROM POAD 35 Z25 36 KOSOO5 37 KOSOO8 160 m N B 25 VIII I PEO BRN 36 KOSOO5 37 KOSOO8 38 KOSOO8 39 KOSOO9 39 KOSO08 39 KOSO09 39 KOSO09 39 KOSO10 39 KOSO10 39 KOSO10 39 KOSO10 39 KOSO10 39 KOSO12 39 KOSO12 39 KOSO12 39 KOSO12 39 KOSO12 30 KOSO12									POTTOPHYICY, CLAY
23 PALE GREY GREEN MATRIX ALTRIATION 29 MINOR SHLPHIPE OXIDE ON FRATURES 30 MAFIC S D HD 12 RD 31 SOIL SAMPLING TRAVERSE AT ODDO 32 KOS 005 33 KOS 005 34 KOS 005 35 B 36 B 37 KOS 008 38 KOS 009 39 KOS 009 36 B 37 KOS 009 38 KOS 009 39 KOS 009 100 m N B 25 SANDY FEBRY CLAY BEIGE 2925 'eley 36 KOS 008 160 m N B 25 37 KO S008 160 m N 38 25 4 40 KD S010 140 m N 39 KO S010 140 m N 39 KO S010 140 m N 39 KO S012 160 m N 37 KO S012 160 m N 37 KO S010 140 m N 30 </td <td>27</td> <td></td> <td></td> <td></td> <td></td> <td>ALTA</td> <td>RED F</td> <td>GLOSPAN PH</td> <td>ENOCRYSTS</td>	27					ALTA	RED F	GLOSPAN PH	ENOCRYSTS
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	20:					PALE	GREY	GREEN MATI	21X ALTERATION
30 MAFICS DXIDIZED 31 SOIL SAMPLING, TRAVERSE AT 000° 32 × KDS005 100 m FROM POAD B 20 PEBBLY SANDY CLAY RED BRN 2874 blas, 32 × KDS005 100 m FROM POAD B 20 PEBBLY SANDY CLAY RED BRN 2874 blas, 33 × KDS006 100 m N B 25 SANDY REBEYCLAY BEIGE 2925 elas 34 × KDS007 100 m N B 25 SANDY REBEYCLAY BEIGE 2925 elas 35 100 m N B 25 41 '1 PED BRN 2925 elas 36 × KDS008 160 m N B 25 41 '1 RED BRN 2925 elas 37 × KDS009 100 m N B 25 41 '1 '1 BRISE 2 38 × KDS010 140 m N B 25 41 '1 '1 '1 '1 '1 '1 '1 '1 '1 '1 '1 '1 '1	27	i 	····			MINOT	2 SHLP	HIDE OXIDIA	ON FRACTURES
31 SOIL SAMPLING, TRAVERSE AT 000° 32 • KDS 005 100 m FROM POAD B 20 PEBBLY SANDY CAY RED BRN 2874 clav. 33 • KDS 006 100 m N B 25 SANDY REBLYCLAY BEIGE 2925 clav 34 • KDS 007 100 m N B 25 SANDY REBLYCLAY BEIGE 2925 clav 35 100 m N B 25 SANDY REBLYCLAY BEIGE 2925 clav 35 100 m N B 25 SANDY REBLYCLAY BEIGE 2925 clav 36 KDS008 100 m N B 25 SANDY REBLYCLAY BEIGE 2925 clav 37 KD S008 100 m N B 25 4 11 17 PED BRN 2925 clav 37 KD S009 100 m N B 25 4 11 17 2898 clav 39 KD S010 140 m N B 25 4 11 11 2892 clav 40 KD S012 160 m N B 20 4 11 11 2892 clav	. 30		1			MAFI	CSD	HOIZED	······································
32 · KDS 005 100 m FRIM MOAD 13 20 NEBBLY SANDY REBLY CLAY RED BAN 2874 plan 33 · KDS 006 100 m N B 25 SANDY REBLY CLAY BE195 2925 elas 34 · KDS 007 100 m N B 25 SANDY REBLY CLAY BE195 2925 elas 34 · KDS 007 100 m N B 25 SANDY REBLY CLAY BE195 2925 elas 35	31 SOIL SAMPLING	TRAVERSE	AT OOD	0				1	
33 · KOSOGG 100 m N B 25 SANDY REBLYCLAY BE195 2925 elas 34 · KOSOO7 100 m N D 20 4 11 11 RED BRAN 2925 elas 35 5 5 5 5 5 5 5 5 36 · KD SOO8 160 m N B 25 4 4 4 120 2925 elas 37 · KD SOO8 100 m N B 25 4 4 4 120 2925 elas 37 · KD SOO9 100 m N B 25 4 4 16 160 m - 2917 f 38 · KDSO10 100 m N B 25 4 4 17 2898 elas 39 · KDS O11 100 m N B 20 4 1 17 2880' elas 40 · KDS O12 100 m N B 25 4 4 17 2892' elas	32 .KDS 005	100 m F728	MRAD	15	20	REBEL	i sindi çi	AY RED BRN	2874 elan,
34 · KDS CO7 10pm N B 20 4 11 PED BRN 2925 'elev Hbl Didnite 35 35 FUED T FUED T FUED T 36 · KD S008 160m N B 25 4 4 PED BRN 2925 'elev 37 · KD S009 100m N B 25 4.4 4 PED BRN 2925 'elev 38 · KD S010 160m N B 25 4.4 4 17 2898'elev 39 · KD S010 160m N B 25 4.4 11 11 2880' elev 40 · KD S012 160 m N B 25 4.4 11 11 2892' elev	33 · Kps 006	100 m N	,	ß	25	SANDY A	EBBLY CLAY	BEIGE	2925 els
35 FLOTT 30 · KDS008 JODm N B 25 4 4 4 160 BPN 2925'elev 37 · KDS009 100m N B 25 4 4 4 160 BPN 2925'elev 38 · KDS010 100m N B 25 4 11 11 2898'elev 39 · KDS011 100m N B 20 4 1 11 2880'elev 40 · KDS012 100 m N B 25 4 4 11 11 2892'elev	34 · KOS007	100m N	+	ß	20	4	4 4	RED BRN	2925 ele , HEL DIORITE
30 · KD SOOB 100m N B 25 4 4 120 BRN 2925'elev 37 · KD SOO9 100m N B 25 4.4 11 BEIGE 2925'elev 38 · KD SO10 100m N B 25 4.4 11 BEIGE 280-2919' 38 · KD SO10 100m N B 25 4.1 4 11 2898'elev 39 · KD SO11 100m N B 20 4.1 11 12 2880'elev 40 · KD SO12 100 m N B 25 4.4 4.1 11 2892'elev	- 35	ļ	••••		•				FLOTT
37 - KD SOO9 100m N B 25 4.4 4 BRIGE 2892-2919' 38 - KD SO10 140m N B 25 4.1 4 11 2898' plan 39 - KD SO11 100m N B 25 4.1 4 11 2898' plan 40 - KD SO12 100 m N B 25 4.4 4 11 2880' plan	30 .KDS008	100 m N	•····-	B	25	ч	4 4	RED BRN	2925'elev.
38 · KDSOIO 100m N B 25 4 // 4 11 2898' classical 39 · KDSOII 100m N B 20 4 / 11 11 2880' classical 40 · KDSOI2 100 m N B 25 4 / 4 11 12 2892' classical	.37 . KD S 009	100m N	i	B	25	4 4	(4	BRIGE	2lar-2919'
39 - KDS O'L 100 m N B 20 4 1 11 11 2880' eller. 40 - KDS O'Z 100 m N B 25 4 4 11 RED BRN 2892' eller.	38 · KDS010	100mN	ļ	ß	25	4.	11 4		2898' pla
40 - KDS012 100 MN 13 25 " " " " " RED BRN 2892 etc.	39 KOS OH	100mN		ß	20	4	1 11	11	2880' elev.
	40 - KDS012	100 MN	<u> </u>	B	25	4	4 4	RED BRN	2892 eler

CLOSURE Last Station before reaching Base Line: _____ Distance to Base Line: _____ Line crosses BL _____ m ____ of Station _____

Daily Totals: Line-km ______Number of Samples; ______

toject: Kalder	Property: 🖌	om-Hat			Claim	Giol	ip:		Claim: Date: <u>1444 13, 1999</u>
ampler: <u>4 5 -0 14</u> ate Samelar Soot:	Tra	verse:			Grid: .	·			
	DC		(ece	eivea: _				Date Plotted:	
Sample Number	Line	Station	LO2	tt t	Se	d. Type	9	Coloui	Notes
	(Norining) (Easting)	(Northing)	HOI	(cm)					(Rock Fragment Description)
Kne 013	11Z		a		C.A. INV	in the second			2021 1
-KDS014	IND AL		12	20.	2 <u>AWU (</u>	<u>rebel</u>	$\frac{u}{u}$	30160	2832 000.
knsait	NOM N		15	25	H L			KAD BALN	2850 elf.
kpsn1/a	100 mil	<u> </u>	12	25	4	"	11	RED BRN	2832 elles
100010	100 m IV		15	25	<i>tt</i>			13BIGE	2820 elev.
	Toom IV		IJ	25				TTO BROWN	2/89 24
: 						<u>.</u>			
1									· · · · · · · · · · · · · · · · · · ·
								<u>↓</u>	
·		<u>.</u>					<u> </u>		1
· 	···				· · · · · · · · · · · · · · · · · · ·	<u></u>			
	:								•
·					<u></u>				• ••• • • • • • • • • • • • • • • • •
									,
· · · · · · · · · · · · · · · · · · ·								· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·									
	·····								
			Ī						
		- · · ·						ł	· ·
									:
									· · · · · · · · · · · · · · · · · · ·
	<u>.</u>								
!									
,			1						
-									
1						<u> </u>			
				:					
			<u> </u>		 ,			- <u></u>	
) [····	ļ	 					
· ·			i –		1				
· · · · · · · · · · · · · · · · · · ·				<u> </u>					•
,	 		 	- <u>-</u>					1 1
L *								ļ	
	,		-						
-			+	 					
			-						
				 				<u> </u>	
)			1					<u> </u>	1
Toject: KALDEN	Property:	ORM-HAT	Ā	NA	Claim Group:		Cloim		
--	--	----------------------	----------	-----------	---	---	---------------------------	--	--
Sampler: U-S.	Tro	iverse: KD	Ø71	14	Grid:		Date: JULY 14, 199		
Date Samples Sent:_	Do	ate Results f	lece	eived:		Date Plotted:			
Somple Number		Station (Easting)	LO LO	epth	Sed. Type	Colour	Notes		
	(Eosting)	(Northing)	Ę		• · · · · · · · · · · · · · · · · · · ·		Rock Fragment Description		
# KUR071401			R	Υ <u></u>	Roch O/C	DAAK GARY	SHEAMED TAKLA		
2				1		TO BLACK	ARGILLITE		
3		·		<u>r</u>	·····				
1 KO99033	415597	6063417	C	60	PERRY TILL	HED GOY BOAL	ADDILLITE CARRE		
(W119)				<u> </u>			project ne conserve		
<u>م</u>			A.	06	ORGANICS				
7	· · · · · · · · · · · · · · · · · · ·		B	6-11	SANOY PERBY LLA	EED BAN			
3			Ċ	11-36	4 10 10	PEICE	LEACHED TILL?		
;			C	36-60	PEBBLY TILL	MED GRY BRN	DENSE CLAY		
							1-1.5cm. PEBBLES		
							11000, mm Score		
}							FRAGMENTS MAINLY		
<u>.</u>		 +					ARGULITE 10-1502		
l <u></u>									
5		•····	•				·		
) : 		i 	-				 		
7 :				<u> </u>		_			
3			 	Ĺ					
,		· · · ·]				I		
				<u> </u>					
 				Γ		:			
2	1								
3			1	Ţ]				
4	!								
j				Ī					
)									
1									
3									
);			1						
	1	1	1						
2			1	[
3		+	1						
1	••••••••••••••••••••••••••••••••••••••		1	1	<u></u>	1			
5;				†		1			
······································		<u></u>	1	†					
,				1	1	· · · · · · · · · · · · · · · · · · ·	•		
}	.	<u>)</u>	÷	·+	: : 				
)1			1	1					
	·	j	1	+	1	<u> </u>			

		·	SOL	8A	MPL.	ING					
<u> </u>	t,		GEOC	HEI	MICAL	. SAMP	ling r	EPORT		Pag	e <u>2</u> o' <u>2</u>
Pic	ject KALDER	Property:	DEM-HHT	A/Z	EA	Claim (Guoie		·	Claim;	· · · · · · · · · · · · · · · · · · ·
. Sai		FUGHLIN Tr	averse:			Grid: _		······································		Date: <u>Ju</u>	LY 14 / 99
	ite samples sent:_	D	ate Results ((ece	eived: .			_ Date Pk	otted: _		
	Sample Number	üne	Station	5	E E	Sed.	Ivpe				Alota
		(Northing)	(Easting)	Ę	l ă		100		nicoli	(Dook Free	
		(Easting)	(Northing)	ļŤ.		↓ <u>↓</u>				i ikock Figg	iment Uesctiption
01	KDSDIR	1 101-	121	R	20		No.1		hrau	ا	
02 (<u> </u>			B			ikay	+ Han-	1000		
03	<u></u>	T	- 	B	AU IN	PEPPIA	- ciny	1 med	DIDMN		
04		<u>†−</u> ₹ <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> + <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> + <u></u> <u></u> <u></u> <u></u>	· · · · · · · · · · · · · · · · · · ·	片문				169 -	NOWN		
05	<u> </u>	1200	<u> </u>	μŞ	15	ļ		light re	d/bran) 	
00		150		R	-70			1V"	· · ·		
~	025		<u> </u>	<u>IR</u>	10	ļ	11		u	ļ	
Ų/: 	624	egg_	ļ	B	15	 .	<u>ر،</u>	`	- 1e		
08		· 		B	Ю	- t.	11		· · · · ·	pebbes-	t aravel
09	026			B	25	44	0	1	40	1015 of	aravel
10	027			ß	10	21	1:	med	rol/Krwn	aroust t cat	He car let = to
11	024		<u> </u>	R	26	4	11		1	Dounded	corvet
12	639			102	30	. u	11	It bo		nacilar	Schlale 5
13	(320)	¥		Ř	12	<u> </u>	ч				
14	<u>0,00</u>	- WAYPO	101 119	b	20	e I	1.11	11 0-0-	~ / <u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</u>	pebblo,	no grave
15	TUL SAMPLE MADA		4.0	5		Janoy	13.11y	ned brew	<u> </u>		
161	VACA32	min		17	10-07	na.	1.500	Freery	051		
17	AUDU JA			2	42	Sardy	<u>(Silty</u>	-light	<u></u>	rounded	<u>pebbles</u>
12	0			R	77					pebbles	<u>a granel</u>
$\frac{10}{10}$	054	·	<u></u>	β	15	<u>р</u> ч 1 г.		<u>"</u>		***	<u> </u>
17	0			<u> </u>	70	indur.	find_	med be	W/ Ed		•••
20				Þ	20	L.	1.	H. brwy	Larey	+ runded	respire
21 ¦	<u> </u>	1 64	0°A-2	В	25	Silly	clay	*	ч	<u> </u>	16
22	038			B	25	- vardel	silty	*1	¥L.	pended	vebbes & raine
23	039			R	35	ر ا	ч , —	med by	N/red	Debbe -	rich
24	040			ß	20	•	મ		<u> </u>	6 11	angular & rown
25	641	,		B	26	14	4	4	1	ancies	to sub asculo
26	<u></u>	V WAY P	OCI TUN	R	20	1.	• (1	t r	J _{II} II	+ 6000- 600
27.	2954 And			<u> </u>				<u> </u>		<u> </u>	<u> </u>
28]	UNGAL3			R	25	n -ilter	chur		Jan	5.	adalas
29.	<u>– рилутія —</u> Льи		<u>.</u>	0 0	24	Gan	/_u	Long L	<u></u>		معديا
30			- 0,,0		20	- ZWIOY I	<u> </u>	(nea Drw	" "	Peoples -	<u>graver</u>
31	<u></u>	W^{-2}	(O VITZ	5	<u> </u>						
3.2	<u> </u>			5	20					pebblis 4	» cobble
12	04'/	<u>V</u>	· · · · · · · · · · · · · · · · · · ·	Б	15		·•			SOALE	grand
- CC	5Um TO ROAD	E WPT, H	122								······································
34	W121	414435	6061233					<u> </u>	_ _ ,_,_,_,_	25291	
35	W 119	415597	6063417							26101	
36 :	W120	415599	6064529							2634'	
37	W122	414 930	6064600							2640'	
38 -											
39										†	
			•• ····				***			+	

Last Station before reaching Base Line: ______ Distance to Base Line crosses BL _____ m ____ of Station _____ Daily Totals: Line-km _____Number of Samples: _____ ------

1

Dem-Hat Till

.

Variable =	Au	Unit =	ppb		N =	33
Mean = Std. Dev. = CV % =	4.245 3.191 75.158	Min = Max = Skewness =	0.400 19.000 2.990	lst Quarti Media 3rd Quarti	le	2.875 3.650 4.650
* Cum %	cls int	(# o	f bins =	16 - bin s	====== ize =	1.240
$\begin{array}{c} 0.00 & 1.47 \\ 12.12 & 13.24 \\ 0.00 & 13.24 \\ 27.27 & 39.71 \\ 33.33 & 72.06 \\ 12.12 & 83.82 \\ 9.09 & 92.65 \\ 3.03 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 0.00 & 95.59 \\ 3.03 & 98.53 \end{array}$	-0.220 1.020 2.260 3.500 4.740 5.980 7.220 8.460 9.700 10.940 12.180 13.420 14.660 15.900 17.140 18.380 19.620	 **** **** *** *	****			
		0	1	2		4

Dem-Hat Till

.

Vari	able	=	Au	Unit	Ξ		ppl	C			N	=	33	
Std.	Mean Dev. CV 응	*	0.5297 0.3197 60.3500	Min Max Skewness	=		-0.397 1.278 -0.899	79 38 99	1st 3rd	Quart Med Quart	ile = ian = ile =		0.4580 0.5623 0.6668	5 3 3
	Ar	nti	-Log Mean	= 3.38	6		Anti-	Log	Std.	Dev.	: (- (+) }	1.622 7.070	2 0
	Cum	%	antilog	cls int	=== (#	of	bins	= 10	5 -	bin	size	====	0.1118	3)
0.00 3.03 0.00 3.03 3.03 3.03 3.03 0.00 0.00 9.09 21.21 30.30 12.12 9.09 3.03 0.00 0.00 3.03	$\begin{array}{c} 1 & 4 \\ 4 & 4 \\ 4 & 4 \\ 4 & 4 \\ 7 & 3 \\ 10 & 2 \\ 13 & 2 \\ 13 & 2 \\ 13 & 2 \\ 22 & 0 \\ 42 & 6 \\ 72 & 0 \\ 42 & 6 \\ 95 & 5 \\ 9$		0.352 0.455 0.588 0.761 0.985 1.274 1.648 2.131 2.757 3.566 4.613 5.967 7.718 9.984 12.915 16.706 21.609	-0.4538 -0.3421 -0.2303 -0.1185 -0.0067 0.1051 0.2168 0.3286 0.4404 0.5522 0.6640 0.7757 0.8875 0.9993 1.1111 1.2229 1.3346	- * * * * * * * * * * * * * * * * *	* * * * * * * * * * * *	* *							
				0			1			2		3		4

PARAMETER SUMMARY S	TATISTI	CS	FOR PROBABI	LITY PLOT ANAL	YSIS							
Data	Data File Name = HATTILL2.DAT											
Variable = Au	Uni	t≃	ppb	N N CI	= 33 = 16							
Transform = Logarithmic Number of Populations = 3												
<pre># of Missing Observations = 0.</pre>												
JBEEEEEEEEEEEEEEEEEEEEEEEEEEEE	======	===:	============	***********								
Users Visual Parameter	Estima	tes										
Population	Mean	_	Std Dev	Percentage								
1	1.303		0.627 2.707	25.00								
2	4.052	-	3.169	65.00								
3	9.143	+ - +	5.182 5.559 15.036	10.00								
User Defined Threshold	s.											

Dem-Hat Till

01/06/00

:

16:18:39

•

Thresholds
6.627
2.478



Lynx Area (Fig. 5)

The Lynx area is located approximately 40 km north of Fort St. James. The area is accessible by three logging roads which head east from the Germansen road. The McLeod-Tsilcoh F.S. road is well maintained and can be used by two-wheel drive vehicles. The other roads are not maintained and require four-wheel drive vehicles.

This target area was chosen because of a cluster of three anomalous gold values in lake sediments. Widely spaced till sampling was carried out west of these anomalies to test a possible up ice source. A few bedrock exposures in the vicinity were also examined and sampled.

A total of 7 till, 2 soil, 2 rock and one stream sediment panning concentrate were collected over a $2\frac{1}{2}$ day period. The area is underlain by metasediments of the Inzana Lake Formation. An erosional remnant of Miocene basalt is located in the northern map area but this unit was not encountered. Chert pebble conglomerate and rusty weathering siliciclastic and argillite were encountered along logging roads, north of the lake sediment anomalies. Two soils collected below these outcrops returned concentrations of 1 and <1 ppb Au, and elevated concentrations of zinc. A panning concentrate collected from a stream draining this area contained 1500 ppb Au and low concentrations of other elements.

Seven till samples were collected in a 30 square km area. The gold analyses were contoured at the same thresholds as determined by Dem-Hat area samples. Results are presented on Fig. 6. None of the samples exceed the anomalous threshold of 6.6 ppb. A weakly defined trend of diminishing concentrations, from northeast to southwest, is defined in the data. Two red-orange weathering float samples were analyzed. One sample of carbonate altered mafic rock contained 7.8 ppb Au and 39 ppm As. The second sample of pyritic quartz veins in altered carbonate, returned 2.5 ppb Au and low concentrations of other elements.

Discussion of Results.

Gold geochemistry of till samples defines a weak southwesterly trend, parallel to glacial ice movement. A source area is indicated toward the southwest. Thick till cover in this direction will hinder follow-up prospecting.



)

 \bigcirc

LEGEND

MIDDLE TRIASSIC-LOWER JURASSIC

Inzana Lake Formation

Volcanic sandstone, siltstone, mudstone, argillite, andesite, lapilli tuff and sedimentary breccia

() augite porphyry

② chert pebble conglomerate

Symbols

*7 R.G.S. lake sediment sample site, Au in ppb

till sample site

soil sample site

rock sample site

panning sample site

Kalder Lake Project 1999									
Lynx Area									
Out	crop ar	nd Sam	ple Loca	tion					
Date	File	NTS	Scale	Fig.					
July 99	LynxFig	93K/16	1:50,000	5					



Lynx Area Traverse Reports

	· ·	ĞEOC	HEN	/ICA!	. SAMPLING RE	PORT	Page o'
roject: Kalder	Property:	LYNX & RA	1NE	eu)	Claim Group:		Claim;
Sampler: <u>U.SJ</u>	IM In	averse:			Grid:		Date: JULY 10, 1999
Jate Samples Sent:	D	ate Results F	ece	ived:		Date Piotted: _	
Sample Number	Line (Northing) (Easting)	Station (Easting)- (Northing)	Horizon	(JDepth	Sed. Type	Colour	Notes (Rock Fragment Description)
LYNX	ARGA	}					
13 K. Doog	doute in	a marchi				· · · · · · · · · · · · · · · · · · ·	A - C 4
MILPOOL A	999611	6073786			tan Conc.	······································	LYNX ANDA
W096	· 	+					MCLEOD-TSILOCK FSI
5 201 C 007		+	0		OCALL CAL	in an Prat	Durate De D. C.
0 PKL5003		 	8	15	PEBBLY SOR	VED DIAN	CHERT FEBBLE
BULLOAAU		·	2		Proate Car	Arn RAN	CONGLOITZNUT 12 IHALHI
R L SUU 4	600 m 1	ver_	D	12	HERXY SOIL	IN PICIN	AND ADDINGTE
 O i							The mean of the
DAIN RAL		· · · · · · · · · · · · · · · · · · ·			<u> </u>		· · · · · · · · · · · · · · · · · · ·
2:							· · · · · · · · · · · · · · · · · · ·
3 A KRPMO3	429650	6087700	P		PANCONC		WEST DRAINING CK
4	1	000.000					ORAINING TAKLA
5 -	i						VOLCANICS
ó:		1					
7	i	;					
8`	[
9							
20				ĺ			
21						· · · ·	
22	i • • • • • • • • • • • • • • • • • • •		: 	! •			
23							
24 :	 	·	•	•	+		
	 	·	-	;			
26			 •	i •	·		·
.7		·	i 		<u> </u>		
		_ <u>.</u>	.	•			
29			•		<u></u>		
<u></u>				<u>+</u>	+		
51 : 				+			
>2 	<u> </u>	,,,,,,		+	! 		
	<u> </u>		; 	1	; ; ;		
)4 ·	<u> </u>		<u> </u>	-		{	
	<u> </u>		<u> </u>	<u> </u>	!		
			•				
	•			1	+		
······································			<u> </u>		+	<u> </u>	
10 .			<u> </u>				
	i		.L	. L			

1.

Daily Totals: Line-km _____Number of Samples: _____

TILL SAMP	LING, PRE	SPECTINE	<u> </u>	South	OF JAN L	Ates	
		GEOC	HEN	MICAL	SAMPLING RE	PORT	Page of
Project KALOGA	Property:	LYNX An	6A		Claim Group:		Claim:
Sampler	۵ľ	averse:			Grid:		Date: JULY 15,99
Dale samples sent:_	UK			eived: _		Date Plotted:	,
Sample Number	Line (Northing) (Easting)	Station (Easting) (Northing)	Horizon	(mo)	Sed. Type	Colour	Notes (Rock Fragment Description)
01 KI T99034	429613	WT0115	\mathcal{C}	85	PEARLY TILL	MEN GRY BOW	
D2 PIT (W123)	-						······································
03 POAD CUT				0-85	PEBRIY TILL	MEN GRY BRN	1-1.5 cm PEBBLES < 109
CA N SIDE	1			<u></u>			2-10 man PERRIES LUD.
05 DEPTH FROM	DRIGINAL	SURFACE		150	······································		
06				 			
07 # KLR071501			n		ROCK FLOAT	RED ONANGE B	PRAL CARBONATE
C8 210m WEST	OF WIZ3				<u>+4,</u>		AND SILICA ALTERED
09 SAME STOR							SEDIMENTARY ? RUCK
10					MULTI-STA	65 AND FINE	OPEN SPACE FILLING
11					BY PALL GR	EY SILLCA. K	LSD VFG CLEAR
12					OTZ CRASTI	ts muoin.	5
13					, 		
14 1 Ka KURO 7150	2 429000	6070051	R_		ROCK FLOAT	RED ORANGE I	TRATHENING
15 (W124)					/		
16 FLOAT	:				PARTIALLY F	4 POSED IN TIL	C. IN POAD CUT N. SIDE
17	:				GRY OTE. VE	LINING REPL	ACEMENT WITH
18	-				V. F.G. PYI	RITE	١
19							
20 W125	427727	6070722	• N	Vs_	SN COUNTER	ED FLUUIA	L GRAVELS BELOW
21	•				TILL AT !	PO Cm. T	OTAL DEPTH IZOCA
22						[
23 KLT99035	427681	6072072	C	50-60	PEOBLY TILL	MED GRY BEN	DENSE MATRIX
24 PIT (W126)							SUPPONTED PEBBLY TILL
25			·	; ,			PSBBLES 30-4082
26	<u> </u>		A	0-2	ONG ANICS		<u>A</u>
27			C	2-35	PEBBLY TILL	BIED GRY BAN	
28		<u>.</u>	<u>C</u>	35-60	PEBBLY TILL	MED BRN	VERY DENSE CLAY
29	! 	· · · · · · · · · · · · · · · · · · ·	ļ				MATRIX SUPPORTED,
30	:		Ì	ļ			FRURN FRAGMENTS
31			C	60-71	PEBBLY SANY CL	THEO BRN	42 cm PEBBLES
32		!	1	!			\$252, SAND 252
33	1						
34 KLT 99036	426485	6070436	C	160	PEOBLY TILL	ORK GRY BRN	DENSE PEOBLY TILL
35 PIT, RUAD			2	0-90	EXPOSED P	AD CUT	
30 CUT N SIDE			C	90-160	PEBBLY TILL	DAPLE GRY BRN	1-1-Som PERBLES
37 (W127							=107 SHNOF
38							GRIT 41020
39							
4C	<u> </u>				L		

CLOSURE. Last Station before reaching Base Line: _____ Distance to Base Line: _____

Line closses BL _____ of Station _____

Daly Totals: Line-km ______Number of Samples: _____

Project: KALASIA	Desite				SAMPLING RE		
Somoler:		LYNX MTC	$\epsilon \eta$	<u> </u>	Claim Group: _		
Date Samples Sent:_	IK	averse; ate Results I		eived:	Gila:	Date Plotted:	Date: JULY 18, 1977
C			<u></u>	- <u>-</u>			
sampe number	Line (Northing) (Easting)	Station (Easting) (Northing)	Horitor	[JDept	Sed. Type	Colour	Notes (Roax Fragment Description)
C' KIJ99027 A	427558	6019577	C	1.0	PEDON TUI	LOD CON PALL	
02 PIT (W131)	1-1000	1006131		<u>_@</u> _	LEDOL THE	THU GIA DIAN	
03 TRAVENSEN		1	A		Am / Am / Mar &		
C4 Errom Winton				U.CA	DEPANY TH	LIF COY POL	Reader The world
05 n man	·/			1-20	103801 110	CIGHT GILT DIAN	MARE OF GRAVER MIN
 06		T	ţ	<u> </u>	<u>├</u> ────────────────────────────────────	······································	CODOLES CODELES MUL
07				20-1	PEARINE THE	NIGO I WY DO.	AC100 C. AU 1010-14
 28			<u> </u>	50-6	5 MART IIL	17 4 GILT BRA	PERRICS IN ISM
09			• 1			<u> </u>	Cana (110)
10			<u> </u>		<u> </u>	<u> </u>	STND LWG
11 AKIT99139	475904	677712		100	OFRON THE	MER FRY RAIL	·
12 (11 132)	140.001	wrc213		1 an	FOODLY TICL	TING GUI DIAN	
3			4	0-1	AMGANICS		
14	<u> </u>	*	ЧГ С	1-17	PERRIY TILL	GREY	DOY AN IEALHED
15			Ĉ	17-60	PELBLY TILL	HED GAY BANI	1-30 DERBER 209
l¢			<u> </u>		10122-1-1		StrALIER PEERLES
17	· · · · · · · · · · · · · · · · · · ·	1	1			* **	AND SANDUP 5203
18		[[<u>+</u>	NIND CALIFORNI -D 0
19 AKLT99039	425967	607A661	C	43	PRESELY TILL	HEN GAY BRU	
20. W133				-#			
2			A	0-1	ORGANICS		
22		:	٢	1-19	PEBBLY TILL	PALLS GREY	DRY ON LEACHED
23			C	A-43	PEBBLY TILL	M50 GRY BRN	DENSE CLAY MATRIX
24							1-1.5cm PEBBLES 1002
25							SAND & GAUT 21002
26						<u>.</u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
27 AKLT91040	427871	6074927	C	80	PEBBLI TILL	MED GRY BRN	1
281 W134		· •				Ì	
29		•	A	0-1	ORGANICS		
30	·		C	1-50	SILTY ChAY	BEIGE	MINON REBBLES
31	ļ		C	50-70	SANOY SILT	PALE BRN	· · · · · · · · · · · · · · · · · · ·
32		 	<u> </u>	70-80	PEBBLY TILL		DENSE CLAY MATRIX
33 :			 			·	PEBBLES LICM 2 10-15%
34			!	+			min Scale To Strip 210-151
35		·		+			
36	i		ļ	Ļ	_		
37	ļ		<u> </u>	ļ			
38	i •			 +		· · · · · · · · · · · · · · · · · · ·	· • • • • • • • • • • • • • • • • • • •
39			•		i 	 	······································
40 (-	{	{	1			1

.

Daily totals:	une-km	Number of Samples:	
---------------	--------	--------------------	--

Kleedlee Creek Fig. 7

Kleedlee Creek area lies west of Germansen Road, approximately 50 km north of Fort St. James, and is accessed via Inzana-Main and Esker F.S. roads.

A till sampling program along the eastern boundary of the Tas property was contemplated in the prospecting proposal. However, due to the presence of thick glaciofluvial deposits in the area (Photo 3), this concept was abandoned and a VLF-EM survey was carried out instead.

As mentioned previously, the Tas property has received significant exploration. Most work to date was directed at high grade but spotty gold mineralization associated with at least six massive sulphide-bearing shear/vein system. Although the porphyry potential of the Tas has been recognized for some time, little work has been directed at this style of mineralization.

The VLF-EM survey was carried out on the Val 2 claim over a 6 ½ day period in late July. The Val 2 claim is situated east of the Tas property and is one of four claims held by the writer. A one kilometre wide perimeter area around the Tas property has received limited exploration to date because of ownership conflicts. The EM survey was designed to test a portion of this area for the gold-bearing massive sulphide shear/veins. The Tas area is underlain by the Inzana Lake Formation, but no outcrops are known on the claims.

The survey included the reestablishment of an existing north-trending base line and the surveying of flagged lines by hip-chain and compass, to the boundary of the Tas property. A VLF-EM survey was carried at 50 metre stations and 100 metre line spacing. A few 25 metre stations were added in areas of high field strength response. A Sabre model 27 VLF-EM was used in the survey. Relative field strength measurements were used in this survey to detect conductors. A contoured plot of the field strength data is presented in Fig. 8. The data was analyzed using Probplot software. Three populations were defined with population boundaries at 54 and 38. An upper threshold of 55 is plotted in Fig. 8. Values above 55 outline a strong conductor in the southwest corner of the grid. This conductor has a length of at least 200 metres in a southeast direction. The convergence of three survey lines in the vicinity of the conductor suggests that it is also a magnetic anomaly. This conductor continues in an east-west direction along line 36+00N. A weaker, northeast trend is defined by three areas, exceeding the field strength anomaly threshold.



Photo 3 Gravel deposits on Val 2 claim







A scintillometer survey was carried out concurrently as an overburden and K-silicate alteration mapping tool. The survey was conducted with an Urtec UG-130, threshold scintillometer. Total count readings, over a ten second sample interval, were recorded. A total of 10 line-kilometres were surveyed. The survey data is appended to this section.

Total count radioactivity data was also analyzed by the Probplot software. This data was also divisible into 3 populations having boundaries at approximately 61 and 32 cps. A contoured version of the data is presented in Fig. 9. The data also shows northeast trends on the east half of the grid. The lower threshold of 32 cps outlines swampy areas where radioactivity is suppressed by water, organics and clay deposits. The higher threshold probably outlines a higher proportion of igneous rock fragments in gravel deposits.

Discussion of Results

The field strength anomaly in the southwest corner of the grid may have detected a massive sulphide shear/vein similar to the Tas veins. The east-west extension of this anomaly, along line 36+00N looks suspicious. The higher background along this line may be caused by a calibration error. The Sabre Model 27 VLF-EM is recalibrated at the start of each day and this may have led to lower readings in the northern area of the grid.

Kleedlee Creek Area Survey Data

	A	В	С	D	E	F	G
1	LABEL	EAST	NORTH	NULL	FS	OUTPH	CPS
2	35N1000	999	3483	0	62	0	76.1
3	35N1050	1051	3485	0	61	0	64.4
4	35N1100	1099	3486	0	58	0	68.5
5	35N1150	1149	3486	-2	57	0	69.0
6	35N1200	1199	3488	-4	53	0	62.5
7	35N1250	1248	3488	-3	52	1	59.5
8	35N1300	1299	3489	-3	47	0	64.0
9	35N1350	1349	3490	-1	47	0	73.8
10	35N1400	1398	3490	2	44	0	71.9
11	35N1450	1450	3492	7	45	0	80 .1
12	35N1500	1497	3493	4	46	0	83.7
13	35N1550	1546	3493	3	47	0	80.0
14	35N1600	1595	3494	0	58	0	91.1
15	35N1650	1647	3495	-1	63	0	79.0
16	35N1700	1696	3496	0	61	0	72.0
17	35N1750	1747	3498	5	55	0	75.8
18	35N1800	1796	3498	O	58	0	69.3
19	35N1850	1846	3498	4	59	0	69.0
20	35N1900	1895	3501	O	59	0	70.7
21	35N1950	1944	3501	-1	54	0	70.4
22	35N2000	1994	3502	0	51	0	
23	¹ 36N1000	1000	3582	2	75	0	64.5
24	36N1050	1051	3583	0	76	0	59.2
25	36N1100	1099	3584	1	75	0	70.1
26	36N1150	1148	3585	0	83	0	67.0
27	36N1200	1200	3585	-5	78	1	67.1
28	36N1250	1249	3587	-1	73	0	36.5
29	36N1300	1299	3588	-4	74	0	37.9
30	36N1350	1349	3590	-3	72	0	70.9
31	36N1400	1398	3592	-1	70	0	74.7
32	36N1450	1451	3591	O O	70	0	69.9
33	36N1500	1498	3594	0	70	0	86.6
34	36N1550	1549	3594	2	71	0	73.4
35	36N1600	1598	3595	1	72	0	79.3
36	36N1650	1649	3596	0	69	0	89.2
37	36N1700	1697	3596	3	67	0	81.7
38	36N1750	1746	3599	2	65	0	81.4
39	36N1800	1795	3598	3	66	0	82.3
40	36N1850	1846	3599	0	67	0	71.9
41	36N1900	1895	3600	0	62	0	81.4
42	36N1950	1946	3601	0	55	0	85.8
43	36N2000	1995	3602	O	50	0	75.4
44	37N1000	999	3754	2	70	0	66.5
45	37N1025	1024	3752	2	75	0	
46	37N1050	1049	3752	5	80	0	69.9
47	37N1075	1073	3750	0	97	0	

valgrid3

	A	В	С	D	E	F	G
48	37N1100	1097	3749	-3	57	D	43.6
49	37N1150	1147	3748	-3	52	0	26.6
60	37N1200	1197	3745	-4	46	0	24.4
<u>61</u>	37N1250	1248	3742	-4	40	0	28.8
52	37N1300	1298	3740	-1	40	0	
53	37N1350	1351	3737		39	. 0	23.6
54	37N1400	1397	3734	1	39	0	25.6
55	37N1450	1447	3730	1	42	0	64.2
56	37N1500	1497	3726	-2	42	0	93.8
57	37N1550	1548	3726	-1	38	0	83.3
<u>58</u>	37N1600	1597	3723	-2	34		72.6
59	37N1650	1649	3720	2	37	0	79.4
60	37N1700	1697	3717	0	37	0	81.9
61	37N1750	1745	3716	0	37	0	54.7
62	37N1800	1795	3713	0	45	0	67.8
63	37N1850	1847	3711	0	39	2	84.7
64	37N1900	1897	3708	0	40	2	64.0
65	37N1950	1947	3706	0	40	2	30.0
66	37N2000	1996	3704	-2	40	2	33.9
67	38N1000	999	3800	6	44	0	67.5
68	<u>38N1050</u>	1051	3800	1	63	1	68.2
69	38N1100	1098	3800	-3	45	0	69.5
70	38N1150	1148	3800	0	47	0	67.9
71	38N1200	1198	3800	-4	46	0	69.7
72	38N1250	1249	3799	0	45	0	70.2
73	38N1300	1298	3799	0	46	0	60.3
74	38N1350	1351	3800	8	48	0	65.3
76	38N1400	1398	3800	8	51	0	67.0
76	38N1450	1449	3800	3	49	0	66.2
77	38N1500	1497	3801	-2	37	0	81.6
78	38N1550	1549	3800	0	38	0	75.6
79	38N1600	1598	3800	0	37	0	81.2
80	38N1650	1648	3800	0	38	0	78.2
81	38N1700	1699	3801	1	38	0	81.7
82	38N1750	1747	3801	-1	41		85.0
83	38N1800	1797	3800	-3	38	0	80.4
84	38N1850	1847	3801	-1	35	0	71.8
85	38N1900	1898	3801	-2	39	0	77.2
86	38N1950	1946	3802	0	35	0	69.2
87	38N2000	1995	3801	3	34	0	62.3
88	39N1000	1001	3816	5	40	0	76.8
89	39N1050	1050	3819	6	54	0	66.4
90	39N1100	1099	3824	-6	43	1	70.6
91	39N1150	1149	3828	-4	37	1	71.9
92	39N1200	1199	3832	-2	39	0	76.1
93	39N1250	1250	3836	0	34	<u>_</u>	72.6
94	39N1300	1299	3840	5	32	0	74.1

	A	B	С	D	E	F	G
95	39N1350	1351	3844	6	35	0	72.7
96	39N1400	1398	3848	10	36	0	68.8
97	39N1450	1449	3853	5	40	0	58.4
98	39N1500	1498	3858	1	40	0	75.0
99	39N1550	1550	3862	-2	37	0	72.5
100	39N1600	1596	3866	-2	37	0	80.2
101	39N1650	1647	3870	-2	35	00	70.1
102	39N1700	1698	3875	5	35	0	82.4
103	39N1750	1746	3879	0	40	0	86.6
104	39N1800	1794	3884	o	38	0	81,0
105	39N1850	1847	3888	D D	35	0	87.5
106	39N1900	1896	3893	2	38	0	85.0
107	39N1950	1945	3897	-2	35	0	81.4
108	39N2000	1994	3901	3	37	0	81.4
109	40N1000	999	40 07	0	54	0	61 .1
110	40N1050	1049	4007	0	54	0	60.1
111	40N1100	1098	4006	-1	55	0	62.8
112	40N1150	1148	4006	-2	52	0	62.1
113	40N1200	1199	4006	2	51	0	74,4
114	40N1250	1249	4007	2	55	0	74.0
115	40N1300	1299	4007	3	55	0	71.2
116	40N1350	1349	4006	0	57	0	69.8
117	40N1400	1398	4006	0	56	1	73.4
118	40N1450	1450	4005	2	54	1	76.9
119	40N1500	1498	4003	-1	57	2	77.9
120	40N1550	1548	4004	-2	50	4	57.9
121	40N1600	1595	4005	1	45	2	71.7
122	40N1650	1647	4004	0	42	0	74.2
123	40N1700	1696	4004	0	40	0	72.9
124	40N1750	1746	4004	1	43	0	69.0
125	40N1800	1795	4002	- 1 ,	. 40	1	76.3
126	40N1850	1848	4003	1	38	1	84.4
127	40N1900	1895	4003	1	39	1	81.8
128	40N1950	1944	4002	0	38	0	87.4
129	40N2000	1994	4002	3	40	0	80.5
130	41N1000	1000	4101	-3	43	0	35.4
131	41N1050	1050	4102	0	45	0	31.7
132	41N1100	1098	4100	0	46	0	67.9
133	41N1150	1148	4101	-1	43	. <i>.</i> 0	73.8
134	41N1200	1198	4100	4	47	0	66.0
135	41N1250	1248	4101	3	47	0	61.3
136	41N1300	1298	4101	-2	48	0	66.2
137	41N1350	1349	4101	-3	48	0	64.5
138	41N1400	1398	4100	-2	42	0	70.0
139	41N1450	1448	4101	-1	47	2	75.2
140	41N1500	1497	4101	0	47	0	78.7
141	41N1550	1549	4101	2	49	1	80.8

A	B	C	D	E	F	G
142 41N1600	1598	4102	0	52	0	74.9
143 41N1650	1648	4101	-2	55	0	77.2
144 41N1700	1695	4102	-1	47	0	87.0
145 41N1750	1746	4101	-2	45	0	73.5
146 41N1800	1794	4102	1	44	0	75.2
147 41N1850	1845	4102	3	45	0	81.5
148 41N1900	1895	4101	3	47	0	76.4
149 41N1950	1945	4103	0	46	0	74.9
150 41N2000	1994	4103	1	51	0	81.5
151 42N1000	999	4212	-2	46	0	24.4
152 42N1050	1050	4211	-2	45	Ō	41.4
153 42N1100	1098	4211	0	47	0	30.5
164 42N1150	1148	4211	-1	47	0	66.6
165 42N1200	1199	4211	-2	46	Ő	73.3
166 42N1250	1248	4210	-3	47	0	71.7
167 42N1300	1298	4210	-2	39	Ō	64 1
158 42N1350	1348	4210		41		27.9
159 42N1400	1398	4209	1	41	-	29.6
160 42N1450	1447	4208	4	47	0	60 7
161 42N1500	1496	4208	1	55	0	76.7
162 42N1550	1547	4208	1	57	0	70.8
163 42N1600	1597	4206		56	1	73.7
164 42N1650	1647	4206	-1	55	1	75 4
165 42N1700	1696	4206	_1	48	····· 2	60.3
166 4211750	1745	4205		48	0	74.2
167 4211130	1794	4205	0		<u> </u>	76.9
168 42N1850	1845	4200	2	5	0	73.6
169 4201900	1893	4204	<u> </u>	5	<u> </u>	68.4
170 42N1950	1943	4203	· · · · · · · · · · · · · · · · · · ·	51	ů N	71.5
171 42N2000	1043	4203	2	55:	ň	77.6
172 43N1000	699	4291		40	<u>`</u>	72.4
173 43N1050	1050	4201	<u>^.</u> 0	42	Õ	79.7
474 43N1100	1090	1201			····· · · · · · · · · · · · · · · · ·	20.2
175 43N1150	1148	4200	-1	4D'	1	27.8
176 //3N1200	1190	4292		40	<u> </u>	63.0
477 4211200	1250	4292		20	· · ·	60.9
479 43N1200	1200	4234	-1	37	~ ~ ~	25.0
470 4211260	1233	4293		57	<u> </u>	20.0
480 4311400	1340	4250		30	0	29.0
180 4311400	1449	4290		30		40.9
181 4311430	1440	4290		41	0	09./ 77.0
182 4311500	45/	4297		45	<u> </u>	77.2
183 4311550	1548	4298	1	47	3	76.7
104 43N 1000	159/	4298	-1	45		/3.2
100 4311 050	104/	4290	-1	41	5	/6.5
106 43N1/00	109/	4290	1	38	3	/5.0
187 43N1/50	1/45	4299	3	42	3	75.9
188 43N1800	1/94	4300	-1	46	1	79.9

;

A	B	С	D	Е	F	G
189 43N1850	1848	4300	-2	45	3	79.5
190 43N1900	1894	4300	-2	46	3	67.2
191 43N1950	1943	4300	1	46	1	72.1
192 43N2000	1994	4302	0	49	0	76.3
193 44N1000	998	4398				77.3
194 44N1050	1049	4398				76.1
195 44N1100	1098	4399				88.0
196 44N1150	1148	4399				79.2
197 44N1200	1197	4398				60.8
198 44N1250	1246	4399				28.8
199 44N1300	1297	4398				30.8
200 44N1350	1347	4399	1	35	4	29.9
201 44N1400	1396	4398	4	36	1	76.2
202 44N1450	1445	4398	3	38	2	70.2
203 44N1500	1494	4398	2	37	2	70.1
204 44N1550	1546	4399	3	40	1	71.6
205 44N1600	1595	4398	-2	43	1	69.5
206 44N1650	1644	4400	1	35	2	75.3
207 44N1700	1694	4398	2	46	5	72.8
208 44N1750	1743	4398	1	50	3	75.6
209 44N1800	1792	4399	3	39	4	73.5
210 44N1850	1844	4400	-2	53	1	71.6
211 44N1900	1895	4400	1	41	2	81.9
212 44N1950	1943	4401	-2	48	1	75.3
213 44N2000	1994	4402	0	47	0	67.6

21:11:34

Val Grid

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = VALGRID3.DAT

Variable = FS Unit = N = 205N CI = 24 Transform = Logarithmic Number of Populations = 3

of Missing Observations = 0.

7 Observations Were Below the Minimum Value of 0.0001 0 Observations Were Above the Maximum Value of 99999.9999

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage		
		-				
1	35.667	-	34.324	10.00		
		+	37.063			
2	45.138	-	39.528	75.00		
		+	51.545			
3	68.585	-	60.948	15.00		
-		+	77.178			

_ _

User Defined Thresholds.

Thresholds
54.163 38.512

12/	1	9	1	9	9	
-----	---	---	---	---	---	--

21:06:08

dmamtdmtdd

_ _ _ _ _ _ _

Val Grid

SUMMARI STATISTICS	and HISTOGRAM		ARTIMMETIC VALUES
Variable = F	'S Unit	æ	N = 205
Mean = 48.3	51 Min	= 32.000 1st C	uartile = 40.000
Std. Dev. = 11.3	28 Max	= 97.000	Median = 46.000
CV = 23.4	28 Skewness	= 1.261 3rd 0	uartile = 54.000
		· · · · · · · · · · · · · · · · · · ·	
========================	=======================================		=======================================
% cum % cls i	.nt (# of bins = 24 -	bin size = 2.826
0 00 0 24 30 5	 07		
0.00 0.24 30.3	12 🕯		
	.70 ¥	****	
15 61 23 06 39 0	55 K5 *	****	
13.01 23.00 55.0	91 *	****	
6 83 41 02 44 7	17 *	* * * * * * *	
19 51 60 44 47 5	 (43 *	****	* * *
6 34 66 75 50 3	70 *	****	
5 85 72 57 53.1	96 *	****	
8.78 81.31 56.0	22 *	****	
3,90 85,19 58,8	48 *	* * * *	
1.95 87.14 61.6	.74 *	*	
1.95 89.08 64.5	* 00	*	
1.95 91.02 67.3	26 *	*	
2.44 93.45 70.1	.52 *	* *	
1.46 94.90 72.9	* *	*	
2.44 97.33 75.8	* *	* *	
0.98 98.30 78.6	30 *		
0.49 98.79 81.4	:57 *		
0.49 99.27 84.2	:83 *		
0.00 99.27 87.1	.09		
0.00 99.27 89.9	35		
0.00 99.27 92.7	61		
0.00 99.27 95.5	87		
0.49 99.76 98.4	13 *		

0

- - - - -

Each "*" represents approximately 1.7 observations.

1

2

3

4

12/19/99

Val Grid

*************** SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES Variable = FS Unit = N = 205Mean =1.6739Min =1.50511st Quartile =1.6021Std. Dev. =0.0936Max =1.9868Median =1.6628CV % =5.5908Skewness =0.71963rd Quartile =1.7324 Anti-Log Mean = 47.191 Anti-Log Std. Dev. : (-) 38.043(+) 58.538 % cum % antilog cls int (# of bins = 24 - bin size = 0.0209) * Cum * antilog Cls int [# of bins = 24 - b 0.00 0.24 31.238 1.4947 0.49 0.73 32.781 1.5156 * 1.46 2.18 34.400 1.5366 ** 5.37 7.52 36.099 1.5575 ***** 5.37 12.86 37.883 1.5784 ***** 10.24 23.06 39.754 1.5994 ********** 11.22 34.22 41.718 1.6203 *********** 5.37 39.56 43.778 1.6413 ***** 7.32 46.84 45.941 1.6622 ******** 16.59 63.35 48.210 1.6831 ******* 3.41 66.75 50.592 1.7041 **** 5.85 72.57 53.091 1.7250 ****** 7.80 80.34 55.714 1.7460 ******* 1.95 87.14 61.354 1.7878 ** 1.95 89.08 64.384 1.8088 ** 1.95 91.02 67.565 1.8297 ** 2.44 93.45 70.902 1.8507 *** 2.44 95.87 74.405 1.8716 *** 2.44 98.30 78.080 1.8925 *** 0.49 98.79 81.937 1.9135 * 0.49 99.27 90.232 1.9554 0.00 99.27 90.232 1.9554 0.00 99.27 90.367 1.9972 * 0 1 2 3 - 4

Each "*" represents approximately 1.7 observations.

Val Grid

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = VALGRID3.DAT

Variable = Scint Unit = CPS N = 208
N CI = 24
Transform = Logarithmic Number of Populations = 3
of Missing Observations = 0.

4 Observations Were Below the Minimum Value of 0.0001 0 Observations Were Above the Maximum Value of 99999.9999

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
		-		
1	28.605	-	25.694	10.00
		+	31.846	
2	46.704	-	38.384	5.00
		+	56.826	
3	73.495	-	66.880	85.00
		+	80.763	

User Defined Thresholds.

Thresholds 60.856

31.550

12/19/99

Val Grid

20:59:14

*** SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES Variable = Scint Unit = CPS N = 208Mean =1.8164Min =1.37291st Quartile =1.8209Std. Dev. =0.1344Max =1.9722Median =1.8573CV % =7.4006Skewness =-2.00813rd Quartile =1.8876 Anti-Log Mean = 65.531 Anti-Log Std. Dev. : (-) 48.086 (+) 89.304 % cum % antilog cls int (# of bins = 24 - bin size = 0.0261) ---- ---- -----0.00 0.24 22.903 1.3599 0.48 0.72 24.319 1.3859 1.92 2.63 25.822 1.4120 ** 0.48 3.11 27.419 1.4381 * 1.92 5.02 29.114 1.4641 ** 30.915 1.4902 ***** 3.85 8.85 0.48 9.33 32.826 1.5162 * 0.48 9.81 34.856 1.5423 * 0.96 10.77 37.011 1.5683 * 0.48 11.24 39.300 1.5944 * 0.48 11.72 41.730 1.6204 * 0.48 12.20 44.310 1.6465 * 0.48 12.68 47.050 1.6726 * 0.00 12.68 49.959 1.6986 53.048 1.7247 * 56.328 1.7507 * 0.48 13.16 0.48 13.64 1.92 15.55 59.811 1.7768 ** 63.509 1.8028 ***** 5.29 20.81 67.436 1.8289 ********* 8.65 29.43 71.606 1.8550 ***************** 17.79 47.13 85.727 1.9331 *********** 11.06 94.98 3.85 98.80 91.028 1.9592 ***** 0.96 99.76 96.656 1.9852 * _____ 0 1 2 3 4 Each "*" represents approximately 1.7 observations. ****** 20:58:20

Val Grid

#######	***	*###	*****	****	**	+######
SUMMARY	STATISTICS	and	HISTOGRAM		ARITHMETIC	VALUES

Vari	.able =	=	Scint	Unit	=	CPS		N	=	208	
std.	Mean = Dev. = CV 움 =	=	68.135 15.759 23.130	Min Max Skewness	11 11 11	23.600 93.800 -1.515	1st 3rd	Quartile Median Quartile	= = =	66.200 72.000 77.200	
	======	==:			===:	******					
910	cum a		cls int		(#	of bins =	24 -	bin size	2 =	3,052)	
		-						 .			
0.00	0.24	1	22.074								
1.92	2.15	5	25.126	,	* *						
1.92	4.07	7	28.178	,	* *						
4.81	8.85	5	31.230	•	***	* * *					
0.96	9.81	L	34.283	•	k						
0.96	10.77	7	37.335	,	ł						
0.48	11.24	ł	40.387	1	ł						
0.48	11.72	2	43.439	-	ł						
0.48	12.20)	46.491	1	ł						
0.48	12.68	3	49.543	-	F .						
0.48	13.16	5	52.596	1	ł						
0.48	13.64	F	55.648	:	ł.						
0.96	14.59	9	58.700	3	ł.						
3.85	18.42	2	61.752	د	***	* *					
5.77	24.16	5	64.804	1	***	* * * *					
6.73	30.86	5	67.857	3	***	****					
14.42	45.22	2	70.909	3	***	*****	****				
13.94	59.09)	73.961	3	***	*******	****				
15.87	74.88	3	77.013	7	***	*******	*****	r			
7.21	82.06	5	80.065	1	***	*****					
10.10	92.11	L	83.117	ŕ	***	******					
3.37	95.45	5	86.170	د	***	*					
3.37	98.80)	89.222	,	***	*					
0.48	99.28	}	92.274	,	ł						
0.48	99.76	5	95.326	•	r						
				0		1		2	3	4	

Each "*" represents approximately 1.7 observations.

Rainbow Creek Fig. 10

The Rainbow Creek Area is located 55 km north of Fort St. James and is accessed via the Rainbow F.S. road, which heads east from the Germansen Road.

The area is underlain by volcanic rocks of the Witch Lake Formation, Small, alkalic porphyry intrusions are also known in the area. A till blanket exceeding 1 metre thickness covers areas of higher elevations to the east. A large abandoned melt water channel occupies the low lying area to the west. A variety of glaciofluvial sediments cover the present valley bottom.

Very fine visible gold occurs in panning concentrates in the present drainages. Although the distribution of gold appears to emanate from the east, no source has been found to date.

These creeks were resampled at 500 metre intervals or less, during a 2 $\frac{1}{2}$ day period in mid July. Thirteen panning concentrate samples were collected. Samples were taken down to a rough concentrate which includes silicates and a heavy fraction. This was done to avoid the removal of very fine gold particles. The concentrates weighed approximately 30 grams (wet) each and most of the concentrates were derived from combining the rough concentrates of two 14 inch diameter pans. Sediments were screened to -1/8 inch mesh, prior to panning, to produce a relatively uniform sample. One pan has a volume of 3,500 cc, producing a dry weight of approximately 5.7 kg per pan.

Samples were sent to overburden Drilling Management Limited of Nepean, Ontario for visual classification and analysis. This was intended to answer questions regarding source and possible mineralization type. Two source areas were considered possible. One is from an eastern source, underlain by the Witch Lake Formation. The second is from till transported from the southwest. A highly anomalous lake sediment gold anomaly of 17 ppb Au supports this idea.

Discussion of Results.

Gold grain size distribution and grain shapes suggest the source is a remobilized placer deposit. The panning concentrate results therefore are not useful for defining a bedrock source.



Rainbow Creek Area Gold Grain Analysis and Traverse Reports



OVERBURDEN DRILLING MANAGEMENT LIMITED

Mr. Uwe Schmidt 656 Foresthill Place Port Moody, B.C. V3H 3A1 January 13, 2000

Phone / Fax: (604) 469-1911 / 9682

Dear Mr. Schmidt:

Re: Gold Grains in Pan Concentrates of Stream Sediment Samples KRP-003 to 015, British Columbia

Attached find our gold grain data for he above thirteen samples. The detailed background information that you supplied was very helpful for assessing the significance of the gold grains.

All of the samples contain visible gold, with the concentration ranging from one to sixty-six grains. Rare grains of cinnabar were found; the high Hg values that you mentioned for earlier concentrates are probably due to this mineral as no residual Hg beads from historical panning operations was found.

All of the gold grains are reshaped indicating that no active shedding of gold from lode sources is occurring in the area. This leaves only one question: Were the gold grains in the stream sediments recycled from a till dispersal train down-ice from a lode source or are they ancient grains recycled from a mature placer related to lode sources that were totally exhumed by erosion before glaciation?

The size of the gold grains favours derivation from a mature placer; most are of fine sand size (125-250 microns wide) and very few have the characteristic silt size (<63 microns wide) of 80-90 percent of till gold grains. As well, the reshaped condition of the grains conflicts with the pristine to modified form of most gold grains in till dispersal trains. This clearly shows that gold is not *actively* being shed from such a train. Furthermore, we analysed the surface fineness of twelve representative grains from Sample 15 by SEM/EDS and found nine to be completely leached of silver (fineness = 1000), indicating a high degree of maturity. Therefore it seems clear that the gold is derived mainly from an ancient placer and is of no exploration interest.

I hope these observations are helpful. Please call me if you have any questions.

Sincerely

Stuart Averill, President

Mines Are Where <u>WE</u> Find Them. • • •

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

MISCA	UWES1J	AN, WR2								
Sampl No.	e Num ======	ber of Vi	sible Gold	d Grains	DRY BULK STARTING WEIGHT	Calc ======	B Visible	Visible Gald		
	lotai	Resnaped	Modified	Pristine	(KG)	lotal	Reshaped	Modified	Fristine	
KRP					*					
003	1	1	0	0	5,7	1	1	0	0	
004	1	1	0	0	5,7	0	Û	0	Û	
005	2	5	0	0	11.4	1	1	0	Ú	
006	12	12	0	0	11.4	10	10	0	0	
007	7	7	0	0	11.4	8	8	0	0	
008	10	. 10	Û	0	11.4	7	7	0	0	
009	2	. e	0	0	11.4	1	1	0	Ū	
010	1	1	0	Û	11.4	1	1	0	0	
011	2	2	0	0	11,4	1	1	0	Ú	
012	2	2	0	0	11.4	5	5	0	\tilde{U}	
013	2	ź	0	0	11.4	1	1	0	Ū	
014	20	20	0	Û	11.4	13	13	Ŭ	Ū	
015	66	66	0	0	11.4	64	64	0	()	

1

· .
MISC/UWESIJAN, WR2

· - ,

OVERBURDEN DRILLING MANAGEMENT LIMITED

GOLD GRAIN SUMMARY SHEET

Sample	e Numi	ber of Vi	sible Gold	d Grains	PAN CONC,	Calc	ulated PP	B Visible	Gold
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total	Reshaped	Modified	Pristine	(G)	Total	Reshaped	Modified	Pristine
KRP					*	·····			
003	1	1	Ú	0	32.0	90	90	0	0
004	1	1	0	0	10.1	63	63	Ó.	- 0
005	2	2	0	0	20.6	345	345	Ó	Ŭ.
006	12	12	0	Ŭ	27,2	4124	4124	Ó.	Õ
007	7	7	Ó	0	22.7	3975	3975	0	0
008	10	10	0	0	28.4	2689	2689	0	0
009	2	. 2	0	0	25.4	396	396	0	0
010	1	1	0	0	29.3	46.4	464	0	Û
011	2	2	0	0	18.7	388	388	Ŭ	Ó
012	2	2	0	Ō	15.3	3460	3460	()	0
013	2	é	0	0	17.7	491	491	0	Ū.
014	50	20	0	0	20,9	7321	7321	Ŏ	0
015	66	66	Ó	0	37.9	19199	19199	Ó	0

* Calculated PPB based on submitted pan concentrate weights.

•

1

·

· . .

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

MISC\UWES	Sijan. WRa DF \$PANNIN	2 165	13	ı	-	N	MBER	OF G	rains) 		SUBMITTE	ß	
SOMDIF #	GONNED	NEASU	REMENT	(MICRONS)	RESH	iaped	MODI	FIED	PRIS	TINE	TOTAL	PAN	CALC	¥.G.
	Y/N	DIAMET	TER	THICKNESS	 Т	P	Ţ	ç	ĩ	β		(6)	PPB	REMARKS
KRP				·····		—								
003	¥	125 X	125	<u>ස</u> (1					1			2 grains cinnabar.
											1	32.0	90	
004	¥	50 X	100	15 C		1					1			No sulphides.
											1	10.1	63	
005	¥	15 X	25	4 C		1					1			No subbides
		125 X	150	50 M		1					1			na sarphraes.
											5	20.6	345	
006	Y	50 X	75	13 C	2						2			No sulphides.
		50 X	100	25 M	1						1			
		/3 X 75 Y	C) 200	15 C 27 C	2						2			
		100 X	125	22.0	1						1			
		125 1	125	75 M	1						1			
		125 X	250	36 C	1						1			
		150 X	300	42 C	1						1			
		175 X	200	36 C	1						1			
		200 X	450	75 M	ł						1			
											12	27.2	4124	
007	Y	100 X	150	25 C	ž						2			No selphides.
		100 X	175	27 C	1						1			
		125 X	125	25 C	1						1			
		150 X	300	42 C	5						2			
		200 X	450	58 C	1						1			
											7	22.7	3975	
800	¥	25 X	50	25 M	1						1			No sulphides.
		50 X	50	10 C	1						1			
		50 X 75 Y	100	25 19	1						1			
		70 A 960 Y	200	20 5	1						1			
		100 1	300	50 M	1									
		150 Y	175	31 6	1						3 5			
		200 X	250	42 C	3						3			
											10	28.4	2689	

017 -

ŧ

· · · •

ŧ

Uwe Scwidt -- 13 Pan Concentrates

017

ł

GOLD CLASSIFICATION

VISIBLE GOLD FROM SHAKING TABLE AND PANNING

NISC\UMES	Sijan.WR2 De pannin	: 165	13			NL	IMBER	OF G	RAIN	15		_ (SIRMITTEN		
SOMOLE #	DOMINED	MEASU	EMENT	(MICRONS)	RESH	RPED	MODI	FIED	PRI	ISTIN	e total	_ [_ [YAN XANG	CALC ·	¢. G.
STRUCE R	Y/N	DIAMET	ER	THICKNESS	Ţ	ρ	7	9	1	r p		- ((G)	ррв ррв	REMARKS
KRP						·····		·			-	-			
009	Y	100 X 100 X	175 225	27 C 31 C	1 1						1 1	1			No sulphides.
												2	25.4	396	
010	Y	175 X	250	40 C	1						1	l			No sulphides.
											1	1	29.3	464	
011	Ŷ	75 X 125 Y	100 200	18 C 31 C	1						1	1			No sulphides.
		100	LVV		•						•	•			
											2	2	18.7	388	i
012	Ŷ	75 X	150	22 C	1						ł	ł			No sulphides.
		250 X	425	59 C	1						1	1			
											2	2	15.3	3460	
013	Ŷ	50 X	150	50 M	1						1	1			No sulphides.
		100 X	200	29 C	ł						1	ł			
												5	17.7	491	
014	¥	50 X	75	25 M	3						3	3			1 grais cinnabar.
		75 X	75	25 M	5						í.	2			
		75 X 75 X	100	20 B	1						1	1			
		73 X 100 Y	120	20 P 25 M	1						•	1 1			
		100 X	100	сл п 95 м	1						•	4			
		100 A	150	רג בער הרג	1						4	1 9			
		105 Y	130	2010 2010	د ع						1	с 2			
		150 X	200	34 C	ī							Ī			
		175 X	175	34 C	1						1	1			
		175 X	250	40 C	1						1	1			
		175 X	300	44 C	1						i	1			
		200 X	250	42 C	1						1	1			
		200 X	350	50 C	1						1	1			
		250 X	300	50 C	1			•				1			
											20	0	20.9	7321	ł
015	Y	50 X	75	13 C	1							1			No sulphides.
		50 X	100	15 C	3							3			
		75 X	100	18 C	1							1			

. . . .

.-

GOLD CLASSIFICATION

788122**888**8882222222

VISIBLE SOLD FROM SHAKING TABLE AND PANNING

TOTAL # 0F PANKINGS 13 SUBJUTED PRISTINE TOTAL PANKED SAMALE # PRANED ESHAPED HODIFIED PRISTINE TOTAL PANKED Y/N DIAMETER THICKNESS T P T P T P 75 X 125 20 C 1 1 1 75 X 125 20 C 1 1 100 X 100 20 C 1 1 100 X 125 22 C 3 3 100 X 175 27 C 2 2 125 X 125 X 100 X 3 3 125 X 125 X 10 X 3 3 125 X 200 34 C 2 2 150 X 200 48 C 1 1	MISC\UWES	SI JAN, WRE	2				NL	MBER	OF G	RAINS					
SAMPLE & PARSDREMT (MICRONS) Reside bit MOIFIED PRISTINE TOTAL FRM CULC 0.6. SAMPLE & PARCED DIAMETER THIONNESS T P T P G3 PPB REMARKS KRP T P T P T P G3 PPB REMARKS KRP T C 1	TOTAL # 0	if pannin	465	13			·						SUBNITTED		
SAMULE 1 PARAED T P T T P T <			MEASUF	IEMEN	T (MICRONS)	RESH	aped	HOD]	FIED	PRIS	TINE	total	PAN	CALC	V. G.
Y/N DIAMPLER HILDMESS T P T <tht< th=""> <tht< th=""> T</tht<></tht<>	SPAPLE 1	PRIMED	6 7 6 J 6 7				-				**=#	55222	DDNC.	ASSAY	
K8P 75 X 125 20 C 1 1 75 X 150 22 C 1 1 100 X 150 22 C 3 3 100 X 155 22 C 3 3 100 X 155 22 C 2 2 100 X 155 27 C 2 2 100 X 250 24 C 2 2 100 X 250 34 C 2 2 100 X 250 34 C 2 2 125 X 125 Z 26 5 5 125 X 125 Z 2 2 2 125 X 125 Z 2 2 2 125 X 125 Z 26 5 5 125 X 260 31 C 3 3 3 125 X 280 36 C 3 3 3 125 X 280 38 C 2 2 2 150 X 250 38 C 2 2 3 150 X 450 54 C 1 1		¥/N		ER	THICKNESS	ſ	β	F	Ч	1	P		(6)	PPB	REMARKS
75 X 125 20 C 1 1 75 X 150 22 C 1 1 100 X 100 20 C 1 1 100 X 100 20 C 1 1 100 X 150 22 C 3 3 100 X 150 25 C 4 4 100 X 175 27 C 2 2 100 X 200 29 C 2 2 100 X 200 34 C 2 2 100 X 200 34 C 2 2 100 X 200 34 C 2 2 125 X 125 X 10 3 3 125 X 100 X 36 C 3 3 125 X 250 34 C 2 2 126 X 100 34 C 2 2 125 X 200 34 C 2 2 126 X 100 34 C 2 2 126 X 100 34 C 2 2 150 X 100 34 C 2 2 150 X <	K8D			_				—			·				
75 X15022 C11100 X10020 C11100 X12522 C33100 X12522 C22100 X17527 C22100 X25034 C22100 X25034 C22125 X12525 C55125 X12525 C33125 X25534 C22125 X25534 C22125 X25534 C22125 X25034 C22125 X25034 C22125 X25034 C22125 X25034 C22125 X25034 C22125 X25036 C33125 X20034 C22150 X25036 C22150 X25036 C22150 X25036 C11175 X12536 C22200 X25042 C33200 X25046 C22200 X25046 C22200 X25046 C22200 X25046 C22200 X25046 C22200 X25046 C22 <td></td> <td></td> <td>75 X</td> <td>125</td> <td>20 C</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>			75 X	125	20 C	1						1			
1001002001110012522233100X15025C44100X17527C22100X20029C22100X25034C22125X17527C11125X100X25034C22125X17529C111125X20031C333125X20034C222150X15029C11150X17531C11150X25038C22150X25038C22150X25038C22150X25038C22150X25038C22200X20038C22200X20038C22200X25046C11200X25046C22200X26034C22200X26038C1			75 X	150	22 C	1						1			
100 X12522 C33100 X15025 C44100 X17527 C22100 X20029 C22100 X25034 C22125 X12525 C55125 X12525 C55125 X22534 C22125 X2001 C33125 X25036 C33125 X25036 C33125 X25036 C22150 X15029 C11150 X15029 C11150 X15029 C11150 X15029 C11150 X20034 C22150 X25038 C22150 X25038 C22200 X22534 C11175 X17534 C11175 X25538 C22200 X25042 C33200 X25042 C33200 X25046 C22250 X25046 C22250 X25046 C22250 X40058 C11250 X40058 C11			100 X	100	20 0	1									
100 X15025 C44100 X17527 C22100 X20029 C22100 X25034 C22125 X125 C55125 X125 C34 C2125 X20031 C3125 X25034 C2125 X26031 C3125 X25534 C2125 X25036 C3125 X20031 C1150 X15029 C1150 X15029 C1150 X25034 C2150 X25034 C2150 X25034 C2150 X25038 C2150 X25038 C2150 X25038 C2200 X20038 C2200 X20038 C2200 X20038 C2200 X20038 C2200 X20036 C2200 X20034 C2200 X25042 C3200 X25042 C2200 X25046 C2200 X25046 C2200 X25046 C2200 X25046 C2250 X25046 C2250 X40058 C11250 X<			100 X	125	55 C	3						3			
100X17527C22100X20024C22100X25034C22125X12525C55125X17529C11125X20031C33125X22534C22125X25036C33125X25036C11150X15029C11150X15029C11150X25038C22150X35034C22150X35054C11175X17534C11175X17534C11175X25046C22200X25042C33200X25042C22200X26054C11200X25042C22200X26046C22200X26046C22200X26046C22200X			100 1	150	25.0	4						4			
100X20029C22100X25034C22125X12525C55125X17529C11125X22534C22125X22534C22125X22534C22125X22534C22125X25036C33125X40048C11150X17531C11150X17538C22150X25038C22150X25038C22160X25038C22200X20038C22200X22540C11175X12642C22200X20038C22200X26542C22200X26542C22200X26542C22200X26542C22200X26542C22200X			100 1	175	27 C	;>						2			
100 X25034 C22125 X12525 C55125 X17529 C11125 X20031 C33125 X22534 C22125 X25036 C33125 X25036 C33125 X40048 C11150 X15029 C11150 X17531 C11150 X25038 C22150 X35046 C44150 X45054 C11175 X17534 C11175 X22538 C22200 X22540 C11200 X22540 C11200 X25038 C22200 X25042 C33200 X25542 C22200 X25046 C22200 X40054 C11255 X22542 C22250 X40058 C11			100 X	200	29 C	2						2			
125 X12525 C55125 X17529 C11125 X20031 C33125 X22534 C22125 X22536 C33125 X25036 C11150 X15029 C11150 X17531 C11150 X20034 C22150 X25038 C22150 X25038 C22150 X25038 C22150 X25038 C22200 X20038 C22200 X20038 C22200 X25042 C33200 X25042 C33200 X25042 C22200 X260 X46 C22200 X40054 C11225 X22542 C22260 X40054 C11225 X25042 C22260 X40058 C11			100 X	250	34 C	2						2			
125X175 29 C11125X20031C33125X22534C22125X25036C33125X40048C11150X15029C11150X15029C11150X15029C11150X20034C22150X25038C22150X35046C44150X45054C11175X17534C11175X17534C11175X22538C22200X22540C11200X25042C33200X26542C22200X26542C22200X25644C22200X26542C22205X40054C11225X25644C22200X26542C22205 <td< td=""><td></td><td></td><td>125 X</td><td>125</td><td>25 C</td><td>5</td><td></td><td></td><td></td><td></td><td></td><td>5</td><td></td><td></td><td></td></td<>			125 X	125	25 C	5						5			
125 X20031 C33125 X22534 C22125 X25036 C33125 X40048 C11150 X15029 C11150 X17531 C11150 X29034 C22150 X25036 C22150 X25036 C22150 X25036 C22150 X25036 C22150 X25036 C22150 X25036 C22200 X25036 C22200 X22038 C22200 X25042 C33200 X25042 C33200 X25042 C22200 X25042 C22200 X30046 C22200 X30046 C22200 X40054 C11225 X22542 C22250 X35054 C22250 X40058 C11			125 X	175	29 C	1						1			
125×225 $34 \times C$ 2 2 125×250 $36 \times C$ 3 3 125×400 $48 \times C$ 1 1 150×150 $29 \times C$ 1 1 150×175 $31 \times C$ 1 1 150×200 $34 \times C$ 2 2 150×200 $34 \times C$ 2 2 150×250 $38 \times C$ 2 2 150×350 $46 \times C$ 4 4 150×350 $46 \times C$ 1 1 175×350 $46 \times C$ 1 1 175×225 $38 \times C$ 2 2 200×200 $38 \times C$ 2 2 200×225 $40 \times C$ 1 1 200×250 $42 \times C$ 3 3 200×300 $46 \times C$ 2 2 200×255 $42 \times C$ 3 3 200×300 $46 \times C$ 2 2 200×300 $54 \times C$ 2 2 250×250 $46 \times C$ 2 2 250×400 $58 \times C$ 1 1			125 X	200	31 C	3						3			
125 X 250 36 C 3 3 125 X 400 48 C 1 1 150 X 150 29 C 1 1 150 X 175 31 C 1 1 150 X 200 34 C 2 2 150 X 200 34 C 2 2 150 X 250 38 C 2 2 150 X 350 46 C 4 4 150 X 350 46 C 1 1 175 X 255 38 C 2 2 200 X 200 38 C 2 2 2 200 X 200 38 C 2 2 2 200 X 250 42 C 3 3 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 200 54 C 1 1 205 X 400 54 C 1 1 225 X 256 42 C 2 2			125 X	325	34 C	2						2			
125×400 $48 C$ 11 150×150 $29 C$ 11 150×175 $31 C$ 11 150×200 $34 C$ 22 150×250 $38 C$ 22 150×250 $38 C$ 22 150×350 $46 C$ 44 150×450 $54 C$ 11 175×175 $34 C$ 11 175×225 $38 C$ 22 200×200 $38 C$ 22 200×250 $42 C$ 33 200×250 $42 C$ 33 200×250 $42 C$ 33 200×250 $42 C$ 22 200×250 $42 C$ 22 200×250 $42 C$ 22 200×300 $46 C$ 22 200×400 $54 C$ 11 225×250 $42 C$ 22 250×350 $54 C$ 22 250×400 $58 C$ 11			125 X	250	36 C	3						3			
150 X 150 29 C 1 1 150 X 175 31 C 1 1 150 X 200 34 C 2 2 150 X 250 38 C 2 2 150 X 350 46 C 4 4 150 X 450 54 C 1 1 175 X 175 34 C 1 1 175 X 225 38 C 2 2 200 X 200 38 C 2 2 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 400 54 C 2 2			125 X	400	48 C	1						1			
150 X 175 31 C 1 150 X 200 34 C 2 150 X 250 38 C 2 150 X 350 46 C 4 150 X 350 46 C 4 150 X 350 46 C 4 150 X 450 54 C 1 175 X 175 34 C 1 175 X 225 38 C 2 200 X 200 38 C 2 200 X 200 38 C 2 200 X 255 40 C 1 200 X 250 42 C 3 200 X 250 42 C 3 200 X 250 42 C 3 200 X 260 X 40 C 1 225 X 225 42 C 2 260 X 46 C 2 2 250 X 400 58 C 1			150 X	150	29 C	1						1			
150 X 200 34 C 2 2 150 X 250 38 C 2 2 150 X 350 46 C 4 4 150 X 450 54 C 1 1 175 X 175 34 C 2 2 200 X 225 38 C 2 2 200 X 200 38 C 2 2 2 200 X 250 42 C 3 3 3 200 X 250 42 C 3 3 3 200 X 250 42 C 2 2 2 200 X 250 42 C 2 2 2 200 X 300 46 C 2 2 2 200 X 250 42 C 2 2 2 200 X 250 42 C 2 2 2 250 X 250 44 C 2 2 2 250 X 400 58 C 1 1			150 X	175	31 C	ł						1			
150 X 250 38 C 2 2 150 X 350 46 C 4 4 150 X 450 54 C 1 1 175 X 175 34 C 1 1 175 X 225 38 C 2 2 200 X 200 38 C 2 2 200 X 25 40 C 1 1 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 200 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 2 250 X 400 58 C 1 1 1			150 X	200	34 C	2						2	[
150 X 350 46 C 4 4 150 X 450 54 C 1 1 175 X 175 34 C 1 1 175 X 225 38 C 2 2 200 X 200 38 C 2 2 200 X 255 40 C 1 1 200 X 250 42 C 3 3 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 260 X 250 46 C 2 2 2 250 X 350 54 C 2 2 2 250 X 400 58 C 1 1			150 X	250	38 C	ż						5			
150 X 450 54 C 1 1 175 X 175 34 C 1 1 175 X 225 38 C 2 2 200 X 200 38 C 2 2 200 X 200 38 C 2 2 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 250 X 40 C 1 1 225 X 225 42 C 2 2 260 X 250 X 46 C 2 2 250 X 400 58 C 1 1			150 X	350	46 C	4						4	ł		
175 X 175 34 C 1 1 175 X 225 38 C 2 2 2 200 X 200 38 C 2 2 2 200 X 225 40 C 1 1 200 X 250 42 C 3 3 200 X 250 42 C 2 2 200 X 250 42 C 3 3 200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 200 X 400 54 C 2 2 250 X 250 46 C 2 2 250 X 400 58 C 1 1			150 X	450	54 C	1						1			
175 X 225 38 C 2 2 200 X 200 38 C 2 2 200 X 225 40 C 1 1 200 X 250 42 C 3 3 200 X 250 42 C 3 3 200 X 250 42 C 3 3 200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			175 X	175	34 C	1						1			
200 X 200 38 C 2 2 200 X 225 40 C 1 1 200 X 250 42 C 3 3 200 X 250 42 C 3 3 200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			175 X	225	38 C	3						2	2		
200 X 225 40 C 1 1 200 X 250 42 C 3 3 200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 250 54 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			200 X	200	38 C	2						2	1		
200 X 250 42 C 3 3 200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			200 X	225	40 C	ł						1			
200 X 300 46 C 2 2 200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			200 X	250	42 C	3						3	1		
200 X 400 54 C 1 1 225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			200 X	300	46 C	2						2	2		
225 X 225 42 C 2 2 250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			200 X	400	54 C	1						1			
250 X 250 46 C 2 2 250 X 350 54 C 2 2 250 X 400 58 C 1 1			225 X	225	42 C	2						2	2		
250 X 350 54 C 2 2 250 X 400 58 C 1 1			250 X	250	46 C	2						2	2		
250 X 400 58 C 1 1			250 X	350	54 C	2						2	2		
			250 X	400	58 C	1						1			
															_

.

66 37.9 19199

		ĞEOC	HEN		. SAMPLING RE	PORT	Page _1o!
toject: Kalder	Property: 4	YNX & RA	4NE	Red	Clalm Group:		Claim:
ampler: <u> 4.5</u>	m Tro	averse:			Grid:		Date: JUKY 10, 1999
xate Samples Sent:_	Do	ate Results F	ece	ived:		Date Plotted: _	· · · · · · · · · · · · · · · · · · ·
Sample Number	Line [Northing] (Easting)	Station (Easting) - (Northing)	Horizon	0) JOepth	Sed. Type	Colour	Notes (Rock Fragment Description)
LYNX	ARBA]
2		 	(
3 KLP002 1	434611	6073986			Pan Conc.		LYNX ARGA
1 W096							MCLEOD-TSILOCK FSI
5							
KLS003			B	15	PEBBLY SOK	RED BAN	CHERT PEBBLE
1						•	CONGLOMENATE TAKLA
· KLS004	200 m 1	rest	B	15	PEBRY SOIL	RED BRN	PLIST Y SILICICLASTIC
)							AND ARGILLITE
)							
RAINBOW							
2	-	i					
A KRP003	429650	6087700	P		PANCONC		WEST DRAINING CK
							ORAINING TAKLA
5							VOLGANICS
/ <u></u>		ļ					
9		ļ					
	: 						
1	•	<u> </u>					1
2							
3			ļ				
4	 •	 					
5		-					
5	ļ 	· · · · · ·	ļ			ļ	
7			ļ	ļ			:
B {		<u></u>	¦	:		<u></u>	······································
7	, , ,	ļ	ļ	<u> </u>			!
)			<u> </u>		ļ	 	
· · · · · · · · · · · · · · · · · · ·	ļ ļ	<u> </u>	ļ	ļ	<u> </u>		
2	 			ļ		ļ	
3 .						{	
1			1			-	
5			1				
6!		ļ		ļ		 	· · · · · · · · · · · · · · · · · · ·
7	1	ļ					
3	1						
9				:			
ο;	1						

Daily Totols: - Line-km ______Number of Samples: _____

.

i,

Sample	No. Of Pans	Notes
KRP003	1	no visible Au
KRP004	1	no visible Au, very little sediment, lots of boulders
KRP005	2	no visible Au
KRP006	2	5 colours
KRP007	2	2 colours
KRP008	2	2 colours
KRP009	2	no visible Au
KRP010	2	no visible Au
KRP011	2	no visible Au
KRP012	2	1 colour
KRP013	2	no visible Au
KRP014	2	5 colours
KRP015	2	6 colours

Project_Kalder	Property: _	Rainlipiol	HEN L.a	hee Lee	Claim Group:		Page o:
Sampler: <u>US-JM</u>	in	iverse:			Grid:		Date: July 16, 1999
	Do	ate Results !	Rece	lived:		_ Date Plotted: _	
Sample Number	Une	Station	δ	Ę	Sed. Type	Colour	Notes
	(Northing) /Easting)	(E GSING) (Northing)	臣			İ	(Rock Fragment Description)
				L			
KRP004 A	ŧ		9	ļ	Pan Concon	L.	1 pan very little
.2		 					Dediment later
13							lighters
5 KR POO 5 A			P		Pan Conc.	No	2 screened sans
							300
KRP006 A	640m 30	- P	P		Pan Conc.	5 colours	2pans
S							
"KRP007 4	2600m S	SLP	P		Pan Conc.	2 colours	2 pans
0							
1 KRPAOB A	3 100m S	S. OF HINCH	πP		Pan Conc.	2. colours	2 pans
2							
3 KRP009 A	E TRIBUTA	ry	P		Panlonc		2 pans
4 7	160 m to	m HINCE	Zon				
5							
· KRPOD A	500 m SI	P	p		Pan Conc	*	2 amo.
7			1		1 1110 -0.0		
8					tailution	Jaco Rea	alida and
9		· · · · ·	†		and and	2. Pauso	A DR
20			<u> </u>		- Canolina -	Corrone - V	
?]		 	1	<u> </u>	1	· · · · · · · · · · · · · · · · · · ·	· ·
2	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·	
3	•••••••- •	,,	.+				
4	· · · · · · · · · · · · · · · · · · ·		+				-+
5		<u>-</u>	+				
	·		+				····
7		!		<u> </u>			
2							,,,,
·····				<u> </u>			
	<u> </u>	 	+				
		,	-		+		
2	ļ			*	+		
· · · · · · · · · · · · · · · · · · ·			+	•			
ي:		: ;	;	!	+		<u> </u>
e !	ļ	·		.	+		
3					+		
6 7		1	i	1			
6 7		 	-+				
6 7 8							ļ
6 7 8 9		 				· · · · · · · · · · · · · · · · · · ·	

:

Ç .

÷,

	- •	GEOC	HEN	/ICA	l sampling re	PORT	Page of
roject: KALDEn	_ Property; _	RAINBOW	(h	area	Claim Group:		Claim:
ampler:	Iro	verse:			Grid:		Date: UALY 17, 1999
ate Samples Sent:	Do	ite Results F	ece	ived:		Date Plotted:	
Sample Number	Une	Station	5	oth	Sed. Type	Colour	Noter
: : :	- (Northing) (Easting)	(Easting) (Northing)	Horiz	(cm)			(Rock Fragment Description)
SKRPOIL			ρ			No ales.	elas 3324'
2							200.0
3				• • • •			раза
skapote			ρ			1 colour	200 3393'
5							
TRAVENSS	TO W	PTW	120	3			
W129	429357	6089697				-	
SOUTH PR	OM THE	NE T	0	Tr	BUTANY		· · · · · · · · · · · · · · · · · · ·
>							·
0 KRP013			P			No colours	2 pano 3/26
2 SKRPOL4		• . · u · . · . ·	P			Scolours	2 pans
main stre	dm						
4							
sskppo15	429527	6090532	P			Geolours	2 pans
main stream							
7							
3 				···			•
ç : 							
Di				·			
					· · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
2			i			····	
3							
4 !							
5 ·							
0						1	
/			 		<u> </u>	 !	
Ø 							
γ 							·
<u>ן</u> י							
<u>,</u> 2			 				
• 		, 	<u> </u>	<u> </u>	+		
			•	•	+	+·	
			.		·	+	
<u>* :</u>	 	· <u> </u>					
7 '			<u> </u>	<u> </u>	·	 	
						<u> </u>	
			T		1	<u>+</u>	· · · · · · · · · · · · · · · · · · ·
	L			·			

Daily Totals: Line-km ______Number of Samples: _____

Inzana Lake Fig. 11

The Inzana Lake target is located approximately 60 km north of Fort St. James. The area is accessible by road via the Germansen road and Inzana-Main F.S. road. Target selection is based on a multi-element lake sediment anomaly, associated with a weak magnetic anomaly. Two gold analyses of 10 and 7 ppb were outlined in small lakes north of Inzana Lake. The 7 ppb, road accessible, anomaly was examined in late July. One and one-half days were spent prospecting and sampling in the area. Three creek panning samples and one rock sample were collected for geochemical analysis.

The area is underlain by metasediments of the Inzana Lake Formation of the Takla Group. An examination of the area also found mixed metasedimentary volcanic rocks and coarse hornblende diorite. Panning concentrate analyses ranged from 3.2 to 18.7 ppb Au. Other elements were uniformly low.

Discussion of results

Gold Concentrations in panning concentrates do not indicate anomalous source areas. The regional lake sediment anomaly remains unexplained.



	_ Propeny: _	NEANT	m	4 <u>+</u>	Claim Group:		Claim:
ampier: <u>45 - J-1</u>	Tro	iverse:			Grid:	·······	Date: JULY 22, 1999
ate Samples Sent:	Do	ate Results F	ece	ived:		Date Plotted:	
Sample Number	Line	Station	5	Ę	Sed. Type	Colour	Notes
	(Northing) - (Costing)	(Easting) (Notthing)	[루				(Rock Fragment Description)
			<u> </u>		· · · · · · · · · · · · · · · · · · ·		
KIPO16	402274	6090841			STREAM SED QUK	No COLOURS	1 pan concents
² w144			 +		· · · · · · · · · · · · · · · · · · ·		, , , , , , , , , , , , , , , , , , ,
3		······································			FROM WEST	SIDE OF A	NOMALY
4			Ì		GOOD BLA	ek SAND	BUT NO COLOURS
5		 	ļ				
5			 	·			
AFTERNOO	N RE	TURNE	D	T	VIII V	AL 7 Gr	LID
SURVEYED	IN MO	RA GI	up	Ur	IRS		
?							
)	37+OON	20-7150					
	36+00N	205 710	F				
2	31 +00 N	ZOE-7101	2				
2	35+00N	40r - +15	<u>e</u>	<u> </u>			· · · · · · · · · · · · · · · · · · ·
			:				
		· • • • • • • • • • • • • • • • • • • •					······································
7		· 					
			+				
<u>,</u>			+				
, n							
		 	 				· · · · · · · · · · · · · · · · · · ·
2							······································
3	······································	<u> </u>	+				· · · · · · · · · · · · · · · · · · ·
4			<u> </u>		1		
5		<u>†</u>	†			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
6			+ 				
7			†				
8			1		1		
9			+ 				
D;		1	Ī				·
				1			
2							
3		·					
4	1						
5							
5	 		<u> </u>			L	·····
7	 	ļ	 	<u> </u>	ļ		·
8	i 	! 		[• • •	 	 	·
9	i		∔	:			
Э ₁		<u>i </u>	<u> </u>		<u> </u>	L	

Project: KALDER	Property:	INZONA TH	men	л	Claim Group: _		Claim:
Sampler: <u>US – JM</u>	1 Tr	averse: KIO	707	27	Grid:		Date: July 27, 1999
Date Samples Sent:	D	ate Results F	<i>jece</i>	eived:		Date Plotted:	
Somple Number	Une (Northing) - (Easting)	Station (E asting) (Northing)	Horizon	(JOepth (JOepth	Sed. Type	Colour	Notes (Rock Flagment Description)
01 DKIPOIT					PON CONC	No whomas	10an elar 30091
02					· .		
03 AKIPOIR					PAN CON C	Nocolours	1 pan from
C4		·		[
05		· · · · · · · · · · · · · · · · · · ·			dream dr	aning la	he, fines seding
26							
37						·	
08 📱 KIR072701	403672	6089523	R		BROWN WE	ATHENING	V.F.G. MEDINIM GRAY
09 W 146		<u> </u>		<u> </u>	GREEN PYR	LITIC HORNF	ELSED TAKLA ANDESTO
10		<u> </u>		ļ	<u> </u>		
11			<u> </u>	 	<u> </u>		
12				↓		 	
		<u> </u>	:		<u></u>	<u> </u>	·
14			• • • • •			<u> </u>	
15: 			+				
12				<u> </u>	<u> </u>	<u> </u>	
17	<u> </u>	<u> </u>	+	<u> </u>		<u> </u>	
			+			+	
20		<i>a</i>	<u> </u>		<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·
21			+				
22			-	<u> </u>	+		· · · · · · · · · · · · · · · · · · ·
23		- <u> </u>	-			<u></u>	
24 :						<u>}</u>	
25		· · · · · · · · · · · · · · · · · · ·		÷			
26		•	1	<u> </u>			
27	·		+	<u> </u>			
28			1	<u> </u>		1	
29		<u> </u>	1	<u> </u>		†	
30							
31							
32							
33							
34							
35						· · · · · · · · · · · · · · · · · · ·	
36							
37							
38	!				·		
39							
20 [°]		1	1	1			

÷

7. CONCLUSIONS

Till sampling is an effective exploration tool in the southern project area. In Dem-Hat area, contoured gold analyses suggest that there may be two source areas. One of them may be outside the project area. The sample density is too low at present to define a staking target. Prospecting did not locate any mineralization of interest. A number of float boulders were anomalous in gold but none have concentrations of economic interest.

Gold in panning concentrates in Rainbow Creek area were remobilized from previous placer deposits and therefore are not useful for defining bed rock mineralization.

A preliminary evaluation of a VLF-EM survey suggests that a massive sulphide shear/vein system, similar to the Tas Ridge Zone veins, may extend on to the Val 2 claim.

8. RECOMMENDATIONS

Additional till sampling is recommended in Dem-Hat and Lynx areas.

The VLF-EM survey on the Val 2 claim should be expanded. The survey interval needs to be reduced to 25 metres or less. Additional lines should be surveyed in the vicinity of the largest conductor. A magnetic survey should also be considered to help define this type of target.

9. BIBLIOGRAPHY AND REFERENCES

- Cook, S.J., Jackaman, W., McCurdy, M.W., Day, S.J. and Friske, P.W. (1996): REGIONAL LAKE SEDIMENT AND WATER GEOCHEMISTRY OF PART OF THE FORT FRASER MAP AREA, BRITISH COLUMBIA, OPEN FILE 1996-15
- Nelson, J.L., Bellefontaine, K.a. (1996): BCGS, Bulletin 99, The Geology and Mineral Deposits of North-Central Quesnellia; Tezzeron Lake to Discovery Creek, Central B.C.
- Plouffe, A.(1994): Surficial geology, Tezzeron Lake, B.C., GSC Open File 2846, Scale 1:100,000
- Shives, R.B.K., Ford, K.L. (1994): Applications of Multiparameter Surveys, G.S.C. Workshop, Whitehorse, Yukon
- Sinclair, A.J., (1976): Applications of Probability Graphs in Mineral Exploration; The Association of Exploration Geochemists, Special Volume No. 4
- Struik, L.C. (1993): Intersecting intracontinental Tertiary transform fault systems in the North American Cordillera, Can. J. Earth Sci. 30, 1262-1274
- Struik, L.C. (1994): GSC Open File 2439, Geology of the McLeod Lake Map are (93J), B.C.
- Struik, L.C. (1998): Bedrock Geology of Tezzeron Map Area, GSC Open File 3624, Scale 1:100,000
- Stanley, C.R., (1987): Probplot; The Association of Exploration Geochemists, Special Volume No. 14

Appendix A

CERTIFICATES OF ANALYSIS

4

ACME ANAL'"TICAL LABORATORIES LTD. (ISO 02 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

GEOCHEMICAL ANAL.SIS CERTIFICATE

Schmidt, Uwe PROJECT KALDER File # 9902050 656 Foresthill Place, Port Moody BC V3H 3A1 Submitted by: Uwe Schmidt

SAMPLE#	Мо	Cu	Pł	Ь	Zn	Ag	Ni	Ço	Mn	Fe	As	U	Au	Th	Sг	Cd	SЬ	Bi	۷	Ca	P	La	Cr	Mg	Ba	Ti	В	AL	Na	ĸ	W	T l	Hg	Au*	
	ppm	ppn	ppr	m p	pm	ppm	ppm	ppm	ppm	2	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm_	ppm	%	ppm	%	ppm	%	%	. %	ppm	ppm	ppm	ppb	
KD99070401	1	35		5	28	.3	567	47	1178	3.77	z	<8>	<2	<2	710	.7	<3	<3	43	6.98	.012	<1	157	7.72	58<	.01	5	.21	.01	02	3	<5	<1	<1	
KD99070402	1	76		5	25	<.3	172	27	1003	5.18	- 98	<8	<2	<2	368	.9	53	<3	111	5.42	.046	1	355	3.58	97<	01	Ā	30	01	08	<2	-5	ò	10	
KD99070403	1	- 64		41	58	<.3	417	61	1021	5.40	102	<8	<2	<2	402	1.0	59	<3	95	7.38	.035	1	313	4.23	64.5	01	Ā	34	01	08	~2	-5	25	×.	
KD99070404	3	129	<	3	37	<.3	14	25	338	5.73	<2	<8	<2	<2	73	1.2	<3	<3	152	1.55	189	8	28	1.26	102	28	13	1 62	08		~2		- 1	7	
KD99070405	4	13		3	23	<.3	1143	67	661	3.45	67	<8	<2	<2	10	.7	3	<3	17	.33	.008	1	384	5.13	69<	.01	13	.07	.01	.01	16	<5	2	5	
KD99070406	4	88	<]	3	65	.3	36	16	552	4.38	<2	<8	<2	<2	24	.7	<3	<3	79	1.26	.074	7	32	.86	53	.23	5	1.38	.07	-08	5	<5	<1	3	
KD99070407	1	60) 3	3	50	<.3	121	-26	1006	4.50	95	<8	<2	<2	332	.9	28	<3	120	6.98	.022	2	182	3.23	75<	.01	4	.56	01	01	<2	<5	Ś	ŭ	
KD99070408	- 3	68	5 3	3	42	<.3	186	35	980	4.60	170	<8	<2	<2	142	.7	30	<3	109	2.32	.027	4	176	1.35	152<	01	<3	49	01	05	Ā	<5	10	8	
RE KD99070408	3	- 67	' 1	3	42	<.3	184	34	963	4.50	169	<8	<2	<2	139	.7	30	<3	107	2.28	.027	4	170	1.33	148<	01	4	48	01	05	5	<5	ö	Ř	
KD99W058	1	64		6	41	<.3	250	38	978	4.43	95	<8	<2	<2	472	.8	45	<3	87	8.48	.035	1	321	4.43	54<	.01	5	.46	.01	.08	<2	<5	9	7	
KD99W068	1	146	50	6	85	1.1	8	16	1579	3.71	16	<8	<2	<2	259	.9	4	<3	55	4.27	.266	13	5	1.71	55<	.01	5	-69	.07	. 14	<2	<5	<1	٦	
KD99W070	1	43	<	3	42	<.3	26	18	723	3.00	8	<8	<2	<2	71	.9	<3	<3	120	3.98	. 125	8	44	.89	81	.12	12	2.67	03	04	<2	<5	~1	ž	
STANDARD C3/AU-R	26	65	30	61	70	5.6	37	13	789	3.33	58	Z3	<2	20	29	23.5	13	20	82	.59	.087	19	170	.61	149	09	22	1.84	.04	.16	20	<5	1	555	
STANDARD G-2	2	2		4	43	<.3	8	5	560	2.07	<2	<8	<2	4	72	<.2	<3	<3	41	.67	094	8	74	.61	225	.13	4	.96	.08	.47	2	<5	1	<1	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm) Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

ACME ANA TICAL LABORATORIES LTD. (ISC)02 Accredited Co.) 852 E. HASTINGS ST. V"COUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604 353-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Schmidt, Uwe PROJECT KALDER File # 9902212 656 Foresthill Place, Port Moody BC V3H 3A1 Submitted by: Uwe Schmidt

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	υ	Au	Th	Sr	Cd	Sb	Bi	v	Ca	P	La	Сг	Ma	Ba	Ti	8	AL	Na	ĸ	w	τl		Aur≠	
	ppm	ррт	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ррт	ppm	ррт	ppm	pрm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppan i	opan -	ppb	
K0070601	1	7/	,	77	,	1/0	~~~			~ 1							-															·	<u></u>	
KD070601	÷ ;	20	4	22	.4	100	24	990	4.02	21	<0 2	~~	<2	631	۲.2	4	<5	101	11.54	.018	1	332	4.88	100	<.01	<3	.35	.03	-02	<2	<5	1	<1	
KD070602		20	-7	02	1.0	10	10	070	>.15	~2	<8	<2	<2	155	.5	<5	<5	156	2.55	.071	- 3	34	2.99	141	. 17	<3	4.33	.58	.87	<2	6	<1	1	
KD070603	1		< >	87	- 4	30	Z1	881	6.00	2	<8	<2	<2	65	.6	<5	<3	223	2.26	.081	2	65	2.15	128	.27	13	3.22	.07	.32	<2	<5	1	1	
KD070604	; <u> </u>	81	8	96	[26	28	1415	1.61	<2	<8	<2	<2	205	<.Z	<3	<3	258	3.25	.071	Ζ.	63	3.65	88	. 19	9	6.09	.82	.73	<2	12	1	1	
KDU70605	<u> </u>	50	<3	91	<.3	439	54	1438	5.33	82	<8	<2	<2	255	9.1	15	<3	78	3.82	.052	2	259	4.59	136	<.01	<3	.53	.03	.18	<2	<5	3	12	
100070/07					-						_	_	_		_																			
KDU7U6U6	1	66	4	45	<.5	Z53	37	1524	5.05	6	<8	<2	<2	625	<.2	27	3	114	10.48	.059	2	336	4.75	53	<.01	<3	.43	.02	.08	<2	<5	1	<1	
KD070607	1 4	51	4	67	د.>	357	52	277	1.97	338	<8	<2	<2	53	<.2	56	<3	37	.93	.014	<1	136	.63	333	<.01	<3	.31<	.01	.08	4	<5	8	26	
KDU70608	j	61	<3	40	<.3	198	30	100	2.48	326	<8	<2	<2	22	<.2	82	<3	25	.23	.007	<1	118,	. 16	69	.02	4	.57	.04	.08	11	<5	14	27	
KD070801	į Z	238	6	58	.3	28	20	432	4.69	3	<8	<2	<2	58	<.2	<3	<3	210	1.10	.146	8	54	1.04	218	. 18	7	1.33	.13	.63	<2	<5	<1	13	
KD070802	1	92	4	65	<.3	Z91	56	1061	5.10	15	<8	<2	<2	319	<.2	23	<3	136	5.74	. 121	3	296	2.57	148	<.01	<3	.50	.02	.10	2	<5	z	3	
	Ι.			_																														
RE KD070802	j <u>1</u>	92	6	65	<.3	293	54	1071	5.12	17	<8	<2	<2	320	<.2	26	<3	136	5.77	.118	4	302	2.58	140	<.01	<3	.48	.01	.09	<2	<5	Z	2	
KD070803	Z	84	9	76	.5	23	24	1505	6.00	45	<8	<2	<2	230	<.2	34	<3	173	7.17	.073	5	46	3.09	- 99	<.01	4	.54	.01	.04	<2	<5	8	11	
KD071101	į 1	171	<3	4Z	<.3	9	17	526	4.94	<2	<8	<2	<2	105	<.2	<3	<3	153	2.26	.212	7	28	1.34	110	. 19	<3	1.92	.32	.27	2	<5	<1	3	
KD071102	1	- 7	6	33	.3	4	2	192	1.20	<2	<8	<2	10	79	<.2	<3	<3	17	.69	.053	- 47	9	.07	372	.01	3	.39	.07	.20	3	<5	<1	<1	
KD071104	1	55	<3	71	.3	18	21	1227	5.35	- 7	<8	<2	<2	66	<.2	<3	<3	168	1.92	.063	3	22	1.69	101	.29	<3	2.86	.10	.11	<2	11	<1	1	
	[-		•	•	
KD071105	1	31	<3	21	<.3	15	6	1799	4.40	18	<8	<2	<2	362	<.2	23	<3	60	12.10	.052	5	15	4.32	125	<.01	<3	.42	.01	.04	<2	<5	4	17	
STANDARD C3/AU-R	26	66	33	165	5.7	38	12	786	3.41	56	16	3	19	29	23.5	19	24	82	.60	.086	19	173	.62	153	,08	16	1.83	.04	. 16	15	<5	1	491	
STANDARD G-2	2	5	5	43	<.3	7	3	553	2.11	<2	<8	<2	5	76	.2	<3	<3	42	.70	.095	8	80	.62	241	.13	<3	.95	.09	.47	3	<5	<1	<1	

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-HZO AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 1D ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm) Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 14 1999 DATE REPORT MAILED: JULY 23/99, SIGNED BY.D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 🔨 F

ME ANA TICAL (ISC)02 Ac	LAB Cre	ORA dit	vro: ed	RIE Co	S L' .)	TD.		8 !	52 E	. н	AST	ING	s s	т.	VQ	cour	VER	BC	: v	'6A	1R6		PH	ONE	(60	4)2	53-	315	8 F	'AX I	604	` ₹	3-1716
Δ									GE	OCH	EM	ICA	L.	AN	ALYS	SIS	C.	ER	rif	ICA	ΤE												A A
1						ç	ch	nid	+	Ilwe	P	RO.1	EC	ניד	кат.г	व्रच(Fi T		# 9	902	>>1	2										444
L						-	656	5 For	esth'	IL P	lace	, Por	t Mc	body	8C V3	H 3/	1	Şub	nitt	π _∕ ed by	: Uwe	e Sci	ມ ກກidt										
				<u> </u>	<u></u>			<u></u>																<u></u>							···· · ·.	<u></u> -	
SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	fe	As	U	Au	Th	Sг	Cd	SÞ	Вí	V	Ca	P	La	Cr	Mg	Ba	Τi	8	Al	Na	ĸ	W	Τl	Нg	Au*
	ppm	ppm	ppm	ppm	ррп	ррп	ppm	ррп		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	~ %		ррт	ррт	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppb
KDS001	9	50	6	510	.6	109	15	742	4.26	20	<8	<2	<2	34	3.4	6	<3	264	.50	.056	7	93	1.04	153	.11	5	3 05	02	09	2	<5	<1	1
KD\$002	2	33	7	98	.3	44	13	411	4.11	12	<8	<z< td=""><td><2</td><td>17</td><td><.2</td><td>3</td><td><3</td><td>93</td><td>.27</td><td>.040</td><td>8</td><td>44</td><td>.44</td><td>181</td><td>.04</td><td>5</td><td>1.35</td><td>01</td><td>ný.</td><td>~2</td><td><5</td><td><1</td><td><1</td></z<>	<2	17	<.2	3	<3	93	.27	.040	8	44	.44	181	.04	5	1.35	01	ný.	~2	<5	<1	<1
KDS003	2	87	3	149	.8	93	32	1310	6.78	14	<8	<2	2	30	.5	<3	<3	216	.51	.107	4	321	2.09	211	19	5	3.20	.01	.07	<2	5	<1	<1
KDS004	4	32	6	221	.7	39	11	507	3.71	13	<8	<2	<2	23	.9	<3	<3	82	. 25	.258	9	45	.47	181	.03	4	2.05	.01	.09	<7	<5	<1	1
RE KDS004	4	30	9	214	.6	38	10	488	3.57	14	<8	<2	<2	22	1.3	3	<3	79	.23	.248	8	42	.45	173	.03	7	1.96	.01	.08	<2	<5	<1	1
STANDARD C3/AU-S	26	64	32	162	5.2	37	11	770	3.33	58	13	3	19	27	22.9	15	15	78	.55	.085	18	169	.58	156	.09	23	1.85	.04	. 16	20	<5	1	55

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HND3-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL. - SAMPLE TYPE: SOIL AU* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED, (10 gm) Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. JUL 14 1999 DATE REPORT MAILED: July 23/99 SIGNED BY.... T. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

DATE RECEIVED:

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data 🖊

ACME /	ANAL	VTICA	LL	ABOI	RATO	RIES	, LT	D.		852	Е.	HA	STI	NGS	ST.	VANC	OUVI	ÊR	BC	V67	1 1 R	6	P	HONE	(604)253	-315	8 FAX	(604):	253-	1716	, , , , , , , , , , , , , , , , , , ,
A A	150	102	ACC	rea:	i cea	ço,	,			(GEO	CHI	EMI	CAL	AN	AL.S	IS	CE	RTI	FIC	CAT	Ξ									A A	ĺ
f f f								Sc	hm	idt,	, U	we	PR	OJE	ст в	KALE	ER	F	ile	#	99	0223	21								╬╬	L.
									656	Fores	thill	. Pli	ace,	Port	Moody	BC V3	H 3A1	\$	submit	ted	by: l	Jwe So	chmid	t								1
SAMPLE#	Mo ppm	Cu ppin	Pb ppm	7 pp	n Ag m ppb	Ni ppm	Co ppm	Mn ppm	Fe ۲	As ppsn	U ppm	Au	μ Th Σρρπ	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca X	P X	La ppm	Cr ppm	Mg አ	Ba ppm	Tı ≭p	В А1 рл %	Na ≭	K W X ppn	T) Hg ppm ppb	Se ppm	Te Ga ppm ppm	S X
KD99001 KD99002 KD99003 KD99004 KD99005	2.09 1.54 3.77 1.08 .83	56.28 48.42 70.55 64 58 56.03	9.43 7.76 9.10 9.13 6.61	116. 105 130. 88. 67	6 86 7 67 2 133 9 145 2 94	77.9 69.1 68.3 91.5 55.1	21.3 16.9 20.9 20.1 13.2	969 762 856 848 448	3 70 3.26 4.37 3.93 3.52	11-8 11.6 22.8 13.1 10.1	5 .5 .4 .5 .4	5.6 4.9 5.7 3.7 2.3	5 2.6 5 2.6 1 2.4 7 2 6 3 2.0	70.5 64.0 59.9 49.7 37.4	.81 .71 .69 .24 .09	1.93 1.81 6.43 2.26 1.73	.26 15 .15 .15 .15	83 74 87 88 103	1.75 1.77 65 .67 .55	.077 .074 .091 .075 .059	10.3 9.6 11.6 11.4 8.9	55-1 50.3 55.8 83.6 84.0	1 02 .92 .62 1 19 1.03	288.0 206.9 306.4 276.2 181.5	.070 073 .059 084 .129	4 1.69 3 1.42 4 1.45 3 1.87 1 1 64	.028 .026 .018 .019 .029	.10 <.2 .08 <.2 .09 <.2 .08 <.2 .08 <.2	24 218 .20 256 .35 325 .16 242 .09 144	1.2 .9 1.5 1 4 .9	.05 5.2 .04 4.4 .04 4.5 .06 5.3 .04 4 9	.02 <.01 <.01 <.01 <.01
KD99006 KD99007 KD99008 KD99009 KD99010	1.62 2.21 1.62 1.46 1.66	198.49 80.72 65.92 57.62 58.78	16 73 12.11 10 69 8.63 8.82	108 114. 109. 100. 112.	1 235 4 147 6 212 2 58 7 308	57.8 68.0 66.0 75.0 55.0	24.2 21 1 18.2 18 1 15.7	1530 1063 903 832 749	3.65 4.06 4.03 3.94 3.31	19.6 25.2 14.3 12.7 22.4	.3 4 .5 4 .5	2.9 6.2 2.4 3.6 6.9	9 2.8 2 2.9 1 2.9 5 2.8 9 1.9	58.2 60.1 47.2 51.4 126.1	25 61 31 21 94	10.27 3.34 1.67 1.62 5.73	32 29 18 21 14	56 108 96 99 72	2.61 .81 .66 .74 5.83	.062 .083 .069 .077 .074	13.5 12.3 13.5 10.8 8.5	34.6 65.0 62.2 67.3 55.0	1.30 1.03 .83 .88 .91	155.8 263.7 265.9 280.2 257.0	.008 .122 .086 .092 .061	<1 2.11 2 2.02 2 1.99 3 1.86 3 1.30	.012 .047 .024 .032 .020	.08 <.2 .15 .2 .10 <.2 .08 .2 .08 <.2	.07 132 .21 161 .19 255 17 251 .23 212	1.2 1.3 1.5 1.4 2.1	.17 5.8 .08 6.4 .05 5.8 .07 5.5 .07 4.0	.02 <.01 <.01 <.01 <.01 .04
KD99011 KD99012 KD99013 KD99014 KD99015	2.87 2.59 .86 1.47 1.28	66.77 93.20 159.55 65.41 70.26	14.38 13.53 6.25 10.05 10.66	127. 126. 70. 108. 108.	3 180 2 133 1 133 4 128 2 164	71.4 76.5 277.7 67.0 61.9	24.2 22.8 44.5 18.8 15.9	937 2789 1097 932 694	3.92 4.37 4.95 3.97 4.35	47.0 28.8 17.8 19.9 15.5	.5 .5 .6	3.0 6.8 3.9 5.6 2.8) 2.5 5 2.8 5 1.8 5 2.9 3 3.3	99.9 70.9 39.9 52.6 48.4	.91 .80 .10 .41 .07	10.63 3.80 1.26 2.43 1.66	24 27 13 14 32	94 110 133 96 102	2.66 .83 .77 .63 .56	.085 .089 .058 .074 .065	10.5 13.2 7.8 11.2 13.2	58.1 64.0 377.5 62.8 67.8	1.17 1.04 4.48 .90 1.05	287.4 296.8 126.6 245.0 308.5	100 117 165 100 089	4 1.80 3 2.05 2 3.29 1 1.92 2 2.40	.052 .040 .024 .025 .025	.13 <.2 .14 .2 .05 <.2 .11 <.2 .11 .4	.30 240 .23 172 .09 38 .18 159 .18 149	2.2 2.2 1.1 .8 1.2	08 5.5 10 6.7 04 8.5 05 5.9 08 7.0	.04 .02 .03 .02 <.01
KD99016 KD99017 KD99018 KD99019 KD99020	2.33 1.14 1.12 1.72 1.29	85.80 67.04 69.07 102.15 72.70	9.65 7.53 8.89 8.85 8.85	125. 83. 92. 112. 101.	8 222 9 83 6 76 4 121 7 105	86.3 52.6 68.4 81.5 75.2	24.2 14.5 21.9 22.6 22.8	981 615 1025 1917 1061	4.46 3.82 4.22 4.89 4.17	21.0 18.0 23.1 15.9 16.8	.6 .5 .5 .5 .5	4.: 4.(3.4 3.: 4.(3 3.0 2.4 1 2.8 3 2.5 2 2.5	55.9 42.0 46.0 65.9 49.5	. 39 . 12 . 27 . 28 . 32	3.93 2.18 2.34 2.05 2.02	19 16 15 14	121 111 120 134 113	. 69 . 55 . 67 . 95 . 71	.083 .071 .073 .096 .078	12.0 10.8 11.0 11.5 10.1	87.5 74.2 76.7 67.7 73.1	1.22 88 1.06 1.45 1.14	258.5 227.5 237.7 273.1 243.1	130 135 150 189 120	4 2.21 2 1.99 3 2 11 2 2.51 3 2.00	.028 .027 .026 .049 .040	.13 .2 .11 <.2 .14 <.2 .14 <.2 .14 <.2 .12 <.2	.22 357 14 226 .13 192 15 320 .17 434	1.3 .9 .9 .9	.12 6.9 .05 5.9 07 6.4 .08 7.8 .07 6.1	<.01 <.01 .01 <.01 <.01
RE KD99022 KD99021 KD99022 KD99023 KD99024	1.01 4 30 1.02 1.25 3.89	43.87 79.36 42.53 53.95 92.30	6.54 11.05 6.25 10.29 9.53	79. 220. 79. 100. 104.	8 53 5 195 3 58 7 101 0 216	47.8 87.7 45.3 70.2 56.6	12.9 20.3 13.4 20.3 14.9	640 1220 632 1050 697	2,92 4,36 2,89 3,62 4,03	10.8 18.9 11.1 12.8 25.0	.4 .6 .4 .7	<.2 2.9 .8 .8	2 2.0 9 2.4 3 2.1 4 2.8 2 2.7	62.3 56.9 61.6 71.0 68.7	. 55 2 . 55 . 56 . 54 . 33	1.60 3.74 1.64 1.50 3.31	.09 .14 .09 .15 .24	80 105 78 82 113	1.28 .90 1.26 3.01 .66	.082 .077 .081 .070 .065	9.3 10.8 9.5 10.0 13.1	52.3 64.0 52.4 55.6 69.3	.80 1.16 .81 1.22 .96	158.5 237.6 159.8 275.2 261.0	.109 .093 .106 .080 .128	4 1.24 3 1.92 3 1.24 2 2.00 2 2.18	.028 .030 .029 .029 .029 .030	.06 <.2 .10 <.2 .06 <.2 .10 <.2 .11 <.2	.11 289 .29 499 .12 244 .16 196 16 170	.9 2.0 1.2 1.3 1.2	.05 3.8 .09 5.9 .07 3.9 .07 6.1 .09 6.2	<.01 .03 <.01 .02 <.01
KD99025 KD99026 KD99027 KD99028 KD99029	1.80 1.03 .95 .96 1.14	54.04 55.23 51.77 52.40 58.31	7.79 8.27 8.37 8.05 11.93	107. 101 93. 81 116.	7 110 1 87 2 105 4 49 1 259	68.0 70.9 66.5 43.8 58.9	16.9 18.6 15.5 12.8 15.1	761 898 765 607 657	3.54 3.66 3.55 3.78 3.84	14.1 10.8 11.4 13.5 23.6	5 6 4 5	4 1.0 2.4 4.1	1 2.3 7 2.6 0 2.5 4 2.6 5 2.7	68.8 65.6 59.3 30.4 48.8	. 61 . 45 . 47 . 13 . 31	2.29 1.14 1.47 2.13 3.74	.12 .14 .13 .13 .17	102 85 81 89 85	2.23 1.48 1.98 .39 .62	.078 .073 .073 .053 .053	9.4 9.6 10.3 9.9 11.1	64.7 59.2 61.5 57.5 59.2	1.15 1.27 1.07 .78 .87	369 0 219.3 258 5 158.7 237 3	. 108 . 095 . 090 . 086 . 077	2 1.78 2 1.88 2 1.84 1 1.91 2 1.78	.041 .036 .023 .023 .024	.09 <.2 .11 <.2 .12 <.2 .09 <.2 .12 <.2	17 317 15 328 12 218 13 468 15 168	1.0 .7 .7 .7 .4	.05 5.4 .04 5 6 .06 5.4 .03 5 3 .07 5.2	.01 <.01 .02 <.01 <.01
KD99030 KD99031 STANDARD DS2	1.41 1.28 14.19	64.85 49.26 127.50	10.18 12.56 30.55	98. 81. 162.	5 268 9 127 3 250	64.1 42.0 37.9	12.7 11.7 12.7	514 509 817	3.83 3.08 3.33	24.4 22.6 62.5	.6 .5 20.6	19.0 3.8 204.0) 2.8 3 2.1 5 3.6	47.2 37.0 28.4	. 26 . 18 11 . 45	3.06 4.57 10.08	.19 .17 10.95	92 78 82	.62 .40 .55	.070 .047 .081	12.2 14.4 13.3	68.3 51.0 166.3	.92 .69 .62	209 4 150.7 142 7	.088 .094 .117	2 2.00 2 1.44 2 1.77	.022 .017 .036	.10 <.2 .06 <.2 .16 7.1	16 260 .13 115 2.09 244	.7 .1 2.8 1	06 5.5 03 4 2 71 6.0	.01 <.01 .03
	15 (This	GRAM SA	AMPLE 1 IS F	IS D PARTI	IGEST	ED WI R MN	TH 90 FE SI	D ML R CA	2-2- P LA	2 HCL CR M	- KNO3 G BA	- H20) AT 1 3 W AI	95 DEI ND LII	G. C F MITED	OR ONI	E HOUI	R AN A AN	D IS D AL.	DILU	TED T	0 300	ML	MITH M	IATER,	ANALYS	515 B1	ICP/E	5 & MS.			

- SAMPLE TYPE: -230 TILL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data A-FA

	UNA CO	ICAL	I.A.	BORA	TOF	RIES	LT:	D,		852	Ε.	HAS	TIN	GS	ST.	V7	CODV	ER	BC	٧ŧ	A 1	R6		PHÓN	те (6	04)2	53-3	158	FA	X (60	4 ^ 	3-1	716	
A A		JUZ A	GGL	art	.60		• •			G	EOC	HE	MIC	AL	AN	ALY	SIS	CE	RT	IFI	CAT	ГE										A	A	
44						5	Sch	mid	t,	Uwe	PF	<u> </u>	ECI	K	ALD	ER	Fi	le	#	990	238	36	\mathbf{P}_{i}	age	1							4		
									656	Forest	hill	Plac	e, P	ort	Moody	8C \	/3H 3A	1	Subm	itteo	d by:	Uwe :	Schmi	dt								<u>B</u>		
SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zin ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe ¥	As ppm	U ppm	Au ppb	lh ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P X	La ppm	Сг ррм	Mg ∦	Ba ppm	Ti ¥	B A ppm	\1 N ≵	a K ≵ ¥	W ppni	TI I ppm p	lg Se ob ppm	Те ррт	Ga S ppm ₹	
KDS005	.85	23.97	6.03	133.3	88	40.5	13.7	837	2 93	5.0	.4	9	1.2 2	28.3	. 56	1.20	12	74	51	081	8.7	48.8	54	151.5	. 082	2 1.3	31 .01	4 12	< 2	10	58.3	.03	4.5<.01	
KDS006	.82	21.26	4.83	82.0	152	34.4	12.2	611	2.66	5.1	.3	7.8	1.2.2	26.1	. 29	1.19	.09	82	.40	.064	6.3	53.3	.60	136.8	.126	2 1.2	20.02	4.09	<.2	.08 .	6.3	.03	4 1<.01	
KDS007	. b/ 07	15.81	4.38	103.0	148 . ag	23.7	12.3	529	2.59	2.0 6.3	. Z	1.0	1 7 3	78.Z	. 52	1.07	. 09 D8	90 68	.47 34	.000	5.2 6.3	30.3 45.0	.40 57	153.1 96.7	111	21.0	עע 107 19 חו	2.10 9.07	< 2	.00 /	19.Z	. UZ 03	4.6 UI 3.5 NI	
KDS008 KDS009	. 97	20.84 20.28	4.59 5.05	82.2 82.9	135	29.5	11.5	526	2.44	3.7	.3	11 8	112	26.4	.32	.94	.09	74	38	.043	7.3	48.3	.57	120.8	.109	2 1.1	18 .02	0.09	<.2	.06	17 .2	.03	4.4 .01	
KDS010 KDS011	97 .90	35.43 25.38	5.68 5.08	68.9 97.5	109	46.2 50.3	14.5 12.7	538 395	3.10 3.18	8.3 8.1	.4 .3	$\frac{1.8}{3.3}$	1.2 1.3 2	31.2 28.1	15 . 28	1.34 1.36	. 09 . 09	102 101	. 46 . 44	. 042 . 086	7.8 6.8	62.6 68.1	. 80 . 77	125.7 132.3	.123 .111	2 1.3 2 1.4	33 .03 46 .02	0 .07 4 .07	<.2 <.2	.07 .07)4 .4 51 .4	. 02 . 03	4 0<.01 4.2<.01	
KDS012	. 98	20.73	4.63	120.7	67	26.4	12.5	426	3.19	3.1	.2	.7	.9	19.8	. 66	1.00	. 10	129	.31	.054	6.2	64.6	.49	87.6	.115	11.2	23 .02	7.06	<.2	.08	28.2	. 02	5 4<.01 6 1- 01	
KDS013 KDS014	5.72 .48	55.95 34.86	8.26 3.51	147.4 212.4	81Z 76	57.8 34.2	25.8	522 1524	3.96 4.30	2.5	.1	3.9 2.7	.6	4.1 48.1	. 59	2.00 .59	. 24	93 229 :	05	.104	2.8	46.6	1.15	275.2	. 261	2 1.7	23 .11	9.13	.2 <.2	.01	35 .2	.08	5.1<.01 7 0 .01	
KDS015 KDS016	1.37 1.00	17.96 40.43	4.75 6.35	56.9 79.8) 116 3 64	22.5 35.5	10.6	265 618	2.73 3.59	3.8 10.1	.2 .3	1.1 2.6	1.0	27.2 25.4	. 14 . 14	.94 1.28	08 09	113 125	.43 .46	.029 .061	5.1 6.2	52.9 55.6	. 58 . 98	132.3 159.1	.126 .165	1 1.2 2 1.3	2 .02 70 .02	4.05 3.10	<.2 <.2	.06 .07	26 .2 38 .4	.03 .03	5.2<.01 5.8<.01	L
KDS017	1.62	47.33	8.33	205.3	327	46 7	18.8	662	4.14	19.5	. 4	2.3	1.3	45.2	1.25	1.78	.17	121	. 71	.045	6.8	66.7	.83	278.2	. 148	3 1.9	98 .02	1 . 14	<.2	. 10	74 .7	. 06	6.4 .04	j.
KDS018 KDS019	.82 .81	21.18 18.76	5.02 4.07	48.8 74.6	61 61 6 100	35.3 29.1	10.4 10.1	380 408	2.51 2.73	6.3 6.9	.3 .2	1.5 1.9	14:	31.1 26.9	.13 .19	1.29 1.77	07 14	62 67	.38 .41	.044 .057	6.6 6.3	40.0 40.0	.54 .50	122.2 117.5	.092 .066	2 1.1 2 1.3	LO .02 ?1 .01	0.05 3.08	<.2 <.2	.05 .08	54 .4 12 .3	.02 .02	3.4<.01 3.7<.01	
KDS020 KDS021	.57 .64	14.60 9.89	4.72 4.05	65.1 106.8	93 93 93	25.4 21.8	8.7 7.9	429 506	2.38 2.07	4.1 3.0	.3 .3	1.5 1.1	1.4 1.3	25.1 24.0	.18 .50	.68 1.94	09 08	64 53	. 37 . 30	. 056 . 079	7.1 7.1	40.2 39.4	56 44	116.8 155.4	.092 .099	2 1.2 2 1.0	26 .01 08 .01	3.11 6.07	<.2 <.2	.06 .06	40 .3 31 .2	.03 .02	4.0<.01 3.6<.01	
KD\$022	. 52	15.73	4.34	56.1	62	29.5	8.8	416	2.33	3.2	. 4	2.4	1.6	32.7	.17	. 89	. 08	59 56	.36	.030	8.1	44.7	.66	116.9	.140	2 1.2	21 .02	80.0	<.2	.07	42 .3	.03	3.6<.01	
RE KDS023 KDS023	.54 .52	10.32 10.16	4.18 4.02	55.2 58.5	2 42 5 44	25.8 28-3	8.0	290 301	2.12	3.3 3.3	.6	1.9	1.5	28.3 28.6	.12	. 88 . 84	.07	56 60	.30	.022	6.7	37.7 38.1	.48	108.8	.111	2 1.	16 .01 16 .01	3 .05	<.2 <.2	.05	52 .3 19 .3	02	3.4<.01 3.3<.01	
KDS024	.51	15.30	4.30	56.2	2 57	36.9	9.3	359	2.24	4.2	.4	5.2	1.5	33 O 28 A	. 16	1.04	. 07	58 58	. 36	.052	8.1	50.0 39.1	. 62 58	133.3	.106	21.	16 .01	9.06	<.2	.07 1	18.3	.02	3.6<.01 3.8<.01	
KDS025	. 51 65	13.33	9.47	138.7	+ 49 7 258	20.5 .38.4	1 10.1	1184	2.50	3.3	.3	2.6	1.5	36.1	.83	.34	.07	62	.53	.148	7.0	46.4	49	246.5	089	2 1.4	40 .01	4 .06	<.2	.07	42 .4	.02	4.3< 01	
KDS027	. 65	27.63	5.24	101 .:	3 137	39.6	9.8	1144	2.62	2.2	.6	5.9	1.4	29.7	. 24	66	. 09	66	. 48	.053	11.0	56.3	. 57	180.4	.111	3 1.3	77 .02	1.09	<.2	.12	30 .5	. 02	4.6<.01	
KD5028	. 59	15.88	5.21	72.1	1 73	35.8	9.0	295	2.73	4.0	.5	. 7	15	32.6	. 34	.73	. 08	69	. 54	.047	7.7	48.4	. 52	156.2	. 092	31.4	46 .01	4 .05	<.2	. 07	51.5	. 02	4.5<.01	
KDS029 KDS030	.58 29	17.97	4.54	66.(53.6) 46 5 44	35.3	9.7 9.6.8	424	2.51	4_4 2_1	4	$\frac{1}{7}$	$\frac{1}{1}\frac{5}{2}$	31.1 27.5	. 18 15	1.06 28	. 07 05	63 50	.35 .34	. 038 045	B.3 7.2	43.9 32.2	.65 .46	115.8 99.6	.123	21.	28 .02 02 .01	0.07	<.2 <.2	.07 1 04	08 .3 48 .3	.02 < D2	3.9<.01 3 5< 01	
KDS030	.45	10.50	4 06	52.4	7 29	30.2	7.7	321	2.10	3.0	3	7	1.3	23.5	.17	.62	.06	56	.30	041	6.5	39.9	45	106.8	105	2 .	96 01	4 .05	< 2	.04	50 .2	< 02	3.1<.01	
KDS032	56	14.35	4.46	57.3	3 38	29.2	2 8.6	458	2.26	3.5	.3	5.1	1.4	26.4	. 13	. 62	. 06	58	. 30	.030	7.2	38.3	. 54	105.8	.105	11.	12 .01	7.05	<.2	. 05	47 . 2	. 02	3.5<.01	
KDS033	. 50	13.18	4.37	60 (5 50	27.3	1 7.9	355	2.05	2.9	. 3	11	1.3	24.1	. 16	. 63	. 06	53	. 30	. 034	7.1	35.8	. 55	98.8	.100	11.	07 .01	5.05	<.2	. 05	57.2	. 02	3./<.01	
KDS034 KDS035	.51 53	$11.14 \\ 14.67$	4.20 4.21	64.0 66.1	7 37 5 54	24 3	3 7.3 4 8.7	273 574	$2.00 \\ 1.98$	2.8 2.3	.3	$\frac{1.1}{38.9}$	1.4 1.2	23.4 29.5	. 15 . 30	.73 .45	. 06 . 06	54 52	. 29 36	.033 .046	7.5 8.0	35.3 38.0	. 50 . 47	93.1 141.0	.107 .091	11.1.1	07 .01 10 .01	3.05 4.06	<.2 <.2	.05 .06	59 .2 41 .3	< .02 .02	3.6<.01 3.6<.01	
KDS036	1.11	17.93	5.44	75.3	1 85	38.5	5 10.6	534	2.65	5.9	4	2.2	1.5	36.4	45	.97	. 08	62	43	062	8.8	45.4	. 70	167.8	. 121	21.	36 .01	7 .09	<.2	.07 1	92 5	.03	4.1< 01	
STANDARD DS2	13.56	127.81	28.08	162.3	3 236	39.1	1 12.4	820	3.39	62.2	20.0	198.1	3.5	30.4	10.68	9.44	10 77	82	.55	.081	13.4	162.4	.61	137.8	. 113	21.	78 .03	5 . 16	6.9.	2.03.2	37 2.5	1.81	5.9.02	

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2D AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY ICP/ES & MS. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. - SAMPLE TYPE: SOIL

Data / FA

Schmidt, Uwe PROJECT KALDER FILE # 9902386 Page 2 ACHE ANALYTICAL ACHE ANALYTICA SAMPLE# MO Ċu PЬ Zn Ag Th Sr Cđ Sb Bi Ρ Cr Mg 8a В Ni Co Mn Fe As Au ٧ Ca A1 Na K W TÌ Hự Se U La Τı Te Ga S ррл ppm. ppm ingo dog ingo DDB DDIT X DDBI nda daa 1RCC ppm ppm ngg ngg * Υ. DDM DDM X DOM % ppm X X. X DDIR % DDM ppm ppb ppm ngg mgg 55.8 .95 186.3 .090 KDS037 .75 -29.86 7.82 97.5 110 52 7 14.4 736 3.34 6.5 . 6 $1.8 \ 1 \ 6 \ 35.8$ 29 .95 . 14 74 .42 .048 8.8 2 1.86 .011 .10 <.2 .10 104 . 5 .03 5 7<.01 .66 11.14 4.33 62.3 86 27.6 7.4 .3 .17 .61 56 .33 KDS038 253 2.06 3.3 2.0 1.4 27.2 . 09 .042 6.8 40.5 .54 99.0 .095 11.13.007.05 < 2.05 98 .2 .02 3.8<.01 .4 3.0 1.5 26.1 . 21 . 08 62 6.7 42.1 .59 96.5 .098 53 16.10 4.89 64.4 58 34.8 7.9 310 2.43 5.3 .87 . 35 .061 I 1.10 .008 .06 <.2 .3 02 3.7<.01 KDS039 .06 117 K0S040 .45 14.45 4.23 94.0 120 29.6 7.6 420 2.15 2.9 .3 1 5 1.3 26.6 . 30 .51 .08 53 .35 .052 7.5 32.8.56.109.5.086 2 1.14 .006 .07 <.2 .06 43 .3 .02 3.8<.01 .31 .12 59 .33 .046 6.7 34.2 .53 92.6 .085 $1 \ 1.01 \ .008 \ .06 \le 2$ KDS041 .60 16.39 3.94 70.5 87 28.0 7.1 329 2.34 3.9 .3 2.7 1.2 25.7 .81 .06 64 .3 .02 3.6<.01 KDS042 15.65 4.85 71.6 72 28.4 8.1 316 2.29 3.8 .27 1.24 .09 57 .29.054 6.9 43.6 .59 94.4 .079 .76 .3 1.0 1.1 24.9 1 1.27 .009 .05 <.2 .07 76 .3 .02 4.3<.01 KDS043 58 18.17 5.53 63.6 85 37.9 9.9 497 2.46 4.9 2.6 1.4 28.8 . 16 .82 . 17 60 .37 .054 7.8 51.2 .71 97.0 .094 2 1.19 .011 .07 <.2 .4 .09 132 . 4 .02 3.9<.01 KDS044 27.14 6.37 155.9 152 59.6 14.3 1160 3.42 6.9 .5 .8 36.3 .60 1.39 .14 83 .49 .077 6.9 92.7 .91 209.5 .056 1.331.5 2 2.01 .010 .09 <.2 .12 115 .4 -.03 5.9 < 01 $1.40 \quad 28.48 \quad 6.21 \ 147.8 \ 153 \ 51.6 \ 14.2 \ 1142 \ 3.36 \quad 5.7$.5 .57 1.52 .14 RE KDS044 1.9 .9 41.5 77 .49 .076 7.3 83.1 .88 208.1 .074 3 1 99 .014 .10 <.2 . 14 111 . 5 .04 6.2 .01 KDS045 .72 24.85 5.19 87.0 171 44.5 9.4 561 2.64 5.2 6 1 1 1.0 31.9 31 3.41 .09 65 .37 .041 8.6 62.2 .76 143.2 .080 2 1.41 .012 .08 <.2 .08 50 .4 .02 4.3<.01 KDS046 .60 14.73 4.89 125.7 126 34.1 10.2 625 2.25 4.1 .90 .08 086 6.1 61.9 54 175.5 080 3 10.1 1 0 31.5 1 24 -58 .47 2 1.00 .011 .07 <.2 .06 42 .2 .02 3.9<.01 KDS047 .98 22.66 5.48 190.0 171 39.3 10.5 470 2.29 3.5 .3 <.2 .8 25.0 5.77 .60 .08 63 .39 .031 6.8 80.2 .51 139.0 .075 2 1 13 .009 .05 <.2 .06 49 .6 .02 4.6<.01 STANDARD DS2 14.13 129.88 29.86 164.9 261 37.9 12.8 833 3.36 61.5 19.7 202.0 3.6 33.0 11.20 10.04 10.95 83 .56 .082 14.5 167.2 .63 142.5 .117 2 1.86 .037 .16 7.3 2.15 244 2.5 1.80 6.3 .02

Sample type: SOIL. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

	NA SO	VICAI	L LA Accr	BORA edit	TOR	IES Co.)	LT	D. Sc	hm:	852 (idt	ΞΕΟ GEO , U [.]	HA: CHE we Pla	STI MI PR	NGS CAL OJE Port	ST. AN	V ALY KAL	SIS DER 3H 3A1	ER CE F	BĊ RT: il	ve IFI e f	5A 1 CA7 ‡ 99	R6 ГЕ 9023 Uwe	387 Schmi	PHO1	NE (6	04)25	3-31	.58 FA	X (6	04-~5:	3-171 Å	6 A
SAMPLE#	Mo ppm	Cu ppm	Pb ppiii	Zn ppin	Ag ppb	Ni ppm	Co ppa	n Mn n ppm	Fe X	As ppm	L) ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm p	V PM	Ca X	P X	La ppm	Cr ppm	Mg X	Ba ppm	⊺i ≹	B Al	Na X	K W X ppm	T] ppm	Hg Se ppb ppm	Te G	a S m %
KD99032 KD99033 KLT99034 KLT99035 KLT99035	1 70 .91 1.11 .96 1.04	114.20 65.92 62.83 79.15 61.89	12.96 9.39 10.38 6.91 9.70	126.8 93.6 106.0 100.2 102.5	279 145 94 152 120	74.7 100.0 73.8 54.4 66.6	19.8 18.3 20.0 13.0 18.9	839 681 975 514 848	4.51 4.27 3.79 3.73 3.72	23.0 15.7 13.0 14.3 12 5	.6 .7 .5 .5	5.1 3.6 2.9 5.3 2.0	2 8 2 7 3 0 2 7 2 9	42.8 44.9 54.8 41.3 61.2	.28 .12 .39 .09 .42	2.99 3.10 1.23 1.75 1.17	.26 1 .16 .18 .20 1 .20	25 99 91 05 88 1	. 67 . 57 . 83 . 56 . 33	.076 .064 .079 .057 .075	13.2 11.0 11.2 11.6 10.8	75.7 94.4 63.3 76.1 62.0	1.30 1.21 1.12 .83 1.21	227.8 221.5 244.9 308.9 268.4	.143 .079 .090 .100 .083	2 2.37 2 2.05 2 1.97 1 2.19 2 1.94	033 .019 .026 .023 .032	17 <.2 .12 <.2 .12 <.2 .09 <.2 .10 <.2	. 23 . 15 . 16 . 14 . 17	164 .6 1101 .4 189 .1 241 .5 140 .2	.08 7. .06 6. .05 6. .05 6. .06 6.	9 .02 5 .02 2 .02 7 .01 1 .02
KI T99037 KLT99038 KLT99039 RE KLT99039 KLT99040	.84 1.10 1.04 1.10 .94	61.18 69.50 72.44 74.13 63.91	8,29 8,08 8,50 8,78 6,70	92.7 96.3 108.1 110.4 80.4	214 99 243 254 58	62.0 67.5 62.8 64.2 54.6	14.1 18.4 15.0 15.2 14.4	601 903 678 694 714	3.70 3.53 3.83 3.93 3.26	11.2 15.4 12.4 13.3 12.3	/ .4 .6 .6	3.2 3.3 3.9 4.2 4.7	2.9 2.8 3.0 3.1 2.6	46.0 48.5 50.7 53.1 45.3	.20 .38 .15 .15 .33	1.18 1.62 1.39 1.43 1.59	.16 .23 .18 .18 1 .18 1	93 95 96 00 88	.61 .71 .65 .67 .63	.074 .085 .073 .075 .091	12.4 10.6 12.9 13.7 10.9	65.3 62.6 66.2 67.4 52.9	95 86 92 97 76	269 5 233 9 274 3 290 5 170 5	. 103 . 111 . 095 . 105 . 112	2 2.01 2 1.74 2 2.05 2 2.18 2 1.59	.028 .030 .022 .026 .023	.10 <.2 .10 .2 .11 <.2 .11 <.2 .07 <.2	. 15 . 16 . 15 . 16 . 12	192 .3 168 .3 153 .3 151 .3 176 .2	.04 6. .07 5. .06 6. .07 6. .06 4.	2 .01 3<.01 4 .02 7 .01 7 .01
STANDARD DS2	13.60	128.54	31.02	162.4	262	37.6	13.3	3 812	3.12	63.0	20.4	204.1	3.7	32.4	11.30	9.84	11.25	81	. 55	.081	14.1	167.0	.62	140.7	. 116	2 1.78	.035	.16 7.6	2.17	254 2.5	1.91 6.	203

15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER, ANALYSIS BY 1CP/ES & MS. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. - SAMPLE TYPE: -230 TILL Samples beginning 'RE' are <u>Recurs and 'RRE' are Reject Reruns.</u>

Data 🖉 FA

ACME ANA VICAL LABORATORIES LTD. (ISO J02 Accredited Co.) 852 E. HASTINGS ST. W COUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604 753-1716

Data

GEOCHEMICAL ANALYSIS CERTIFICATE

Schmidt, Uwe PROJECT KALDER File # 9902388 656 Foresthill Place, Port Moody BC V3H 3A1 Submitted by: Uwe Schmidt

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	FC	As	U	Au	Th	\$ г	Cd	Sb	Bi	۷	Ca	P	La Cr	•	lg Ba	Τi	В	Al	Na	к	¥	Τl	Hg
	ppm	ррт	PPm	ppm	ppm	ppm	ppm	PPm	7	ppm	ррп	ppm	ppm p	pm	ppm	ppm	ppm	ppm	%	%	ppm ppm	1	% ppm	%	ppm	%	%	%	ppm	ppn	ppm
KD99W040R1	2	57	7	48	.5	71	16	1174	4.35	42	<8	<2	23	63	<.2	3	3	78	7.59	.030	3 35	1.9	3 466.		4	.48	.03	. 13	<2	<5	<1
KD071301	3	45	<3	87	.3	157	21	832	3.91	159	<8	<2	<2 1	106	.3	<3	<3	72	1.89	010	3 107	1.7	0 312-	01	11	.45	.02	.03	z	<5	1
KD071302	<1	92	8	85	.7	34	14	853	3.56	17	<8	<2	31	153	.6	<3	<3	65	3.31	.087	13 21	1.6	53 225	:.01	8	. 45	. 06	- 16	<2	<5	<1
кD071303	4	43	4	45	.6	142	26	2024	6.38	8	<8	<2	42	233	<.2	<3	<3	100	10.27	.033	3 222	3.8	30 141-	.01	4	.45	.01	.04	2	<5	<1
KD071305	1	5	15	32	-4	5	3	163	1.19	116	8	<2	9	29	.3	<3	6	4	. 26	.053	35 8	()6 113-	:.01	3	.38	.03	-21	2	<5	<1
RE KD071305	1	2	12	32	.3	5	2	161	1.18	116	<8	<2	9	29	<.2	<3	<3	4	.26	.050	35 8		06 108-	.01	6	.37	.03	.20	<2	<5	<1
KDR071401	1	39	6	98	.5	26	12	1166	4.32	6	<8	<2	2	21	.4	<3	<3	98	2.30	.066	9 41	1.7	76 110	.39	13	3.15	.06	.04	2	<5	1
KLR071501	1	7	<3	20	<.3	1123	60	696	3.10	39	8	<2	<2	8	<.2	3	20	12	. 17	.008	<1 155	.15.1	13 76-	C. D1	21	.06	.0Z<	4.01	5	<5	1
KLR071502	1	86	- 4	66	.8	90	35	1777	5.96	7	<8	<2	22	217	.6	<3	11	191	6.08	.063	5 111	3.3	53 82·	.01	8	.61	.02	.09	<2	<5	<1
STANDARD C3	26	65	35	165	5.8	37	12	781	3.39	57	19	4	19	29	23.5	13	26	82	.58	. 086	19 170) _6	\$2 151	.10	21	1.87	.04	.16	20	<5	1
STANDARD G-2	2	3	3	45	.3	8	5	541	2.04	<2	<8	<2	4	71	<.2	<3	<3	42	.64	- 095	8 74		52 223	. 14	<3	.93	.07	.46	3	<5	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-NN03-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMITED FOR NA K AND AL. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK Samples beginning (RE' are Reruns and (RRE' are Reject Reruns)

HTNG 4 DATE RECEIVED: JUL 22 1999 DATE REPORT MAILED:

SIGNED BY

ACME	ANA (ISC	VICAI	i Li Acc:	ABOI	RAT	ORI d (LES Co.	L] }	D.	e at	852	2 E	. н	AST	INC	s s	T.	120.9	1CO	UVR	R BC	: v	6A	1R6	1	PHON	E (6	04)2	253-	315	58 J	FAX (60	·** 253	-1716	
			•		: :	•.		. ·.				GE	OCE	EM	IC	AL	AN	ALY	SI	S	CER'	rif:	ICA	TE				· ·			÷.,			AA	
T 1									<u>S</u> (<u>chm</u> 656	idt Fore	<u>, </u> sthi	Jwe 11 p	P lace	RO. Po	JEC rt M	T] oody	KAI BC	<u>DE</u> vзн	<u>R</u> за1	Fi Sub	le : mitte	#9 d by	904 : Uwi	4622 e Schmid	lt		•						tt	
	SAMPLE#	M 19	la (m pp	9 vC qq mo	n bi n bi	2n Sm p	Ag pm p	Ni	Со ррт	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	sr ppm	Cd ppm	Sb ppm	Bi ppm	v ppm	Ca ¥	P ł	La ppm	Cr ppm	Mg B % pp	a Ti m t	B ppm	Л1 1	Na %	к २	W ppm	Au* ppb	Sample gm	<u></u>	<u> </u>
	KDP 001		13	1 1	0	70 <	. 3	42	13	693	3.62	14	< 8	<2	2	42	. 8	3	< 3	101	. 76	.062	10	96	.79 12	1 .10	6	1.14	. 05	.10	<2	2.8	37.40		
	KIP 016		2 2	:8 25	4 8	35 <	.3	41 84	15	700 692	3.97 8.47	6 13	<8 <8	<2 <2	<2 3	46 53	.9 .2	<3 5	<3 <3	143 299	.72 .94	.059	8 16	84 343	.74 11 .68 9	5.13 7.22	7 5	1.26	.04 .08	.09	<2 2	1500.8 18.7	32,74 10.04		
	KIP 017 KIP 018		1 6 1 2	51 21 <	4 1 3 5	71 53 <	.3 .3	49 33	29 10	1656 535	7.99 3.18	22 11	< В < 8	<2 <2	<2 2	124 54	.5 .5	9 5>	<3 <3	288 89	1.54	.091 .049	6 9	68 75	1.63 18	8.20 6.14	<3 6	2.07	.10	.13	<2 <2	4.6 32	9.40 9.30		
	RE KIP	001	1 2	9	9 (55 <	. 3	39	12	647	3.41	17	< 8	<2	<2	39	. 5	<3	<3	95	. 70	.055	10	91	.73 11	3 ,10	4	1.07	.04	. 09	<2	3.0	2.20		

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. - SAMPLE TYPE: PAN CONC. AU* GROUP 3A - 10.00 GM SAMPLE ANALYSIS BY ICP-MS. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns. DATE RECEIVED: NOV 30 1999 DATE REPORT MAILED: Dec 9/99 SIGNED BY....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ی ر

Data W/FF



Data 1- FA

ACME ANAL_FICAL LABORATORIES LTD. 852 E. HASTINGS ST. V COUVE (ISO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS	ER BC V6A 1R6 PHONE (604) 253-3158 FAX (60 .53-1716 CERTIFICATE
TL Schmidt, Uwe PROJECT KALDER 656 Foresthill Place, Port Moody BC V3H 3A1	File # 9902388R Submitted by: Uwe Schmidt
SAMPLE#	Au* ppb
KD99W040R1 KD071301 KD071302 KD071303 KD071305	3.1 7.5 4.4 2.4 32.2
RE KD071305 KDR071401 KLR071501 KLR071502 STANDARD DS2	30.2 2.7 7.8 2.5 229.5
- SAMPLE TYPE: ROCK PULP Samples beginning 'RE' are Reruns DATE RECEIVED: DEC 17 1999 DATE REPORT MAILED: DEC 23/99 SIGN	and 'RRE' are Reject Reruns. ED BY











Inzana Lake Formation

- va augite porphyry
- wh homblende porphyry
- vf feldspar porphyry
- vc volcaniclastic, lapilli tuff
- siliciclastic
- shale/ siltstone
- w volcanic wacke
- conglomerate

Symbols

***9** R.G.S. lake sediment sample site, Au in ppb KD99032 (3.4) sample number and (Au in ppb) O till sample location soil sample location rock sample location Δ panning sample location outcrop 🗙 small outcrop foliation Alteration h = hornfels ca = calcite veining an = ankerite veining or alteration py = pyrite

0 1,000m	2,000m
Kalder Project 1999 Dem-Hat Area	
Sample, Outcrop Location and Gold Geochemistry	
99-24 () Scale 1:20,000	Fig. 2