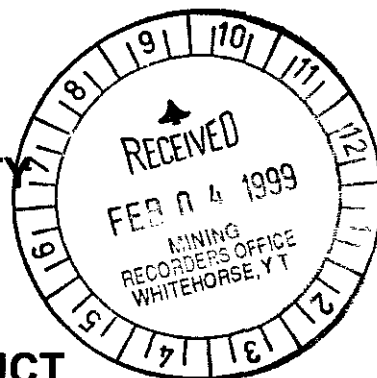


**GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND
DIAMOND DRILLING REPORT**

**ON THE
SKUKUM CREEK PROPERTY**



**WHITEHORSE MINING DISTRICT
YUKON TERRITORY, CANADA
NTS MAP SHEET 105D/3**

**Centred at Latitude: 60° 10' 45" N, Longitude: 135° 23' 30" W
Work Performed: June 2 to September 1, 1998**

FOR

**OMNI RESOURCES INC.
#910 – 700 West Pender Street
Vancouver, B. C. V6C 1G8**

Gary L. Wesa, B.Sc., F.G.A.C.

November, 1998

This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 52,400.

M. B. L.

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

M. B. L.

TABLE OF CONTENTS

	<u>PAGE</u>
SUMMARY.....	1
INTRODUCTION.....	2
Location and Access.....	2
Physiography and Climate.....	4
Property Status and Ownership.....	4
HISTORY OF EXPLORATION.....	4
Regional History.....	4
Property History.....	8
GEOLOGY.....	10
Regional Geology.....	10
Property Geology.....	10
Taxi Zone.....	13
Bonanza/Golden Eagle Zone.....	14
Polaris Zone.....	16
Alunite Cap.....	16
1998 EXPLORATION PROGRAM.....	18
Geological Mapping and Prospecting.....	18
Geochemistry.....	18
Sampling Procedure.....	18
Rock Geochemistry.....	19
Soil Geochemistry.....	21
Geophysical Survey.....	23
Survey Description.....	23
Discussion and Results.....	24
1998 DIAMOND DRILLING PROGRAM.....	24
Taxi Zone.....	24
Golden Eagle Zone.....	26
Bonanza Zone.....	26
Polaris Zone.....	29
Discussion of Results.....	30
CONCLUSIONS.....	31
RECOMMENDATIONS.....	33
REFERENCES.....	34
STATEMENT OF QUALIFICATIONS.....	35

LIST OF FIGURES

	<u>PAGE</u>
1. Location Map.....	3
2. Claim Map (1:31,680).....	5
3. Regional Geology (1:100,000).....	11
4. TAXI Drill Road – Geology (1:1000).....	15
5. POLARIS Zone – Geology (1:500).....	17
6. ALUNITE CAP – Grid Soil Geochemistry (1:5000).....	22

LIST OF TABLES

1. Skukum Creek Property Claim Status.....	6
2. Table of Formations – Skukum Creek Area.....	12
3. Lithogeochemical Analysis (1998) – Skukum Creek Project.....	20
4. 1998 Diamond Drill Hole Summary.....	25
5. Core Geochemical Analysis – DDH98TZ –01.....	27

LIST OF APPENDICES

APPENDIX I	Itemized Cost Statement
APPENDIX II	Summary of Personnel
APPENDIX III	Analytical Procedure
APPENDIX IV	Rock Geochemical Lab Reports
APPENDIX V	Soil Geochemical Lab Reports
APPENDIX VI	Drill Core Geochemical Lab Reports
APPENDIX VII	Rock and Soil Sample Descriptions
APPENDIX VIII	HLEM Profiles
APPENDIX IX	Diamond Drill Logs
APPENDIX X	Diamond Drill Hole Cross Sections
	TAXI Zone (DDH98TZ-01)
	GOLDEN EAGLE Zone (DDH98GE-01)
	BONANZA Zone (DDH98BZ-01)
	POLARIS Zone (DDH98PZ-01 , -02)

LIST OF MAPS

MAP 1. Property Geology	In Pocket
MAP 2. Drill Holes and Sample Locations.....	In Pocket
MAP 3. Rock and Soil Geochemistry.....	In Pocket

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 1

SUMMARY

The Skukum Creek Property is located 62 km southwest of Whitehorse in the Whitehorse Mining District. Access to the property is provided via the Alaska Highway, South Klondike Highway and Annie Lake road thence via numerous 4-wheel drive roads connecting individual drill sites.

The property is located near the eastern margin of the Coast Plutonic Complex within the Boundary Ranges of the Coast Mountain physiographic division. The claims cover a sequence of Paleocene to Eocene volcanic rocks belonging to the Mount Skukum Volcanic Complex which unconformably overlie Cretaceous granitoid to quartz dioritic rocks of the Coast Plutonic Complex. Older metamorphic rocks of the Nisling Terrane, and unconformably overlying Jura-Cretaceous siliciclastic rocks, form pendants and erosional remnants on the granitic suites. These plutonic, volcanic and older rocks have been extensively faulted due to caldera collapse.

The area drained by the upper reaches of the Wheaton River has been explored for gold and minerals since the late 1800's when prospectors passed through on their way to the interior. Prospecting and geological mapping commenced in the early part of this century and culminated in the discovery of several gold, silver and base metal occurrences. The current gold exploration rush began in 1981 with the discovery, by AGIP Canada Ltd., of the Mount Skukum gold deposit which was brought into production in February, 1986 and produced 80,000 ounces of gold from 220,000 tons of ore.

The 1998 program in the Skukum Creek and Alunite Cap areas comprised geological mapping, contour and grid controlled soil sampling, HLEM geophysical survey and diamond drilling over favourable mineralized targets identified by previous exploration programs. A total of 56 rock, 164 soil and 53 drill core samples were collected for analysis. A five hole drill program, totaling 1322 metres (4336.2'), was completed to test the TAXI, GOLDEN EAGLE, BONANZA AND POLARIS Zones from which promising results had been generated from previous examinations.

A single hole drilled on the TAXI Zone cored 15 quartz-sulphide intercepts enriched in pyrite with minor base metal mineralization associated with andesite and rhyolite dykes and quartz-sulphide breccia veins. Prospecting and geochemical surveys to the west identified new gossanous, sulphide bearing shear zones which returned anomalous silver and base metal values.

Two holes drilled on the POLARIS Zone cored intensely brecciated and hydrothermally altered granodiorite and weakly altered felsic to intermediate, finely layered volcanic ash tuffs. These tuffs host four horizons of VMS style semi-massive to massive pyritic sulphide measuring up to 1.75 metres thick. The results of geochemical analysis for precious metals from core were disappointing; however, these and other targets on the claims warrant further exploration.

A program of detailed mapping, sampling and systematic prospecting is recommended for follow-up in the vicinity of current drilling plus continued geological assessment of the Alunite Cap is warranted.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 2

INTRODUCTION

This report discusses the exploration procedure and results of a geological, geochemical, geophysical and diamond drilling program conducted by Omni Resources Inc on the Skukum Creek Group of claims located 62 km southwest of Whitehorse in the Wheaton River Valley. Field work was performed intermittently by a total of 15 crew members during the period of June 2 to September 1, 1998. Omni personnel and drill crews were lodged at the Company's exploration camp located at the former Skukum Mines mill site near Butte Creek. Other contract personnel commuted from Whitehorse or nearby communities.

The objective of the 1998 program was to evaluate the properties economic potential through follow-up geological mapping, soil sampling, limited geophysical surveys and diamond drilling on promising targets delineated by previous exploration programs.

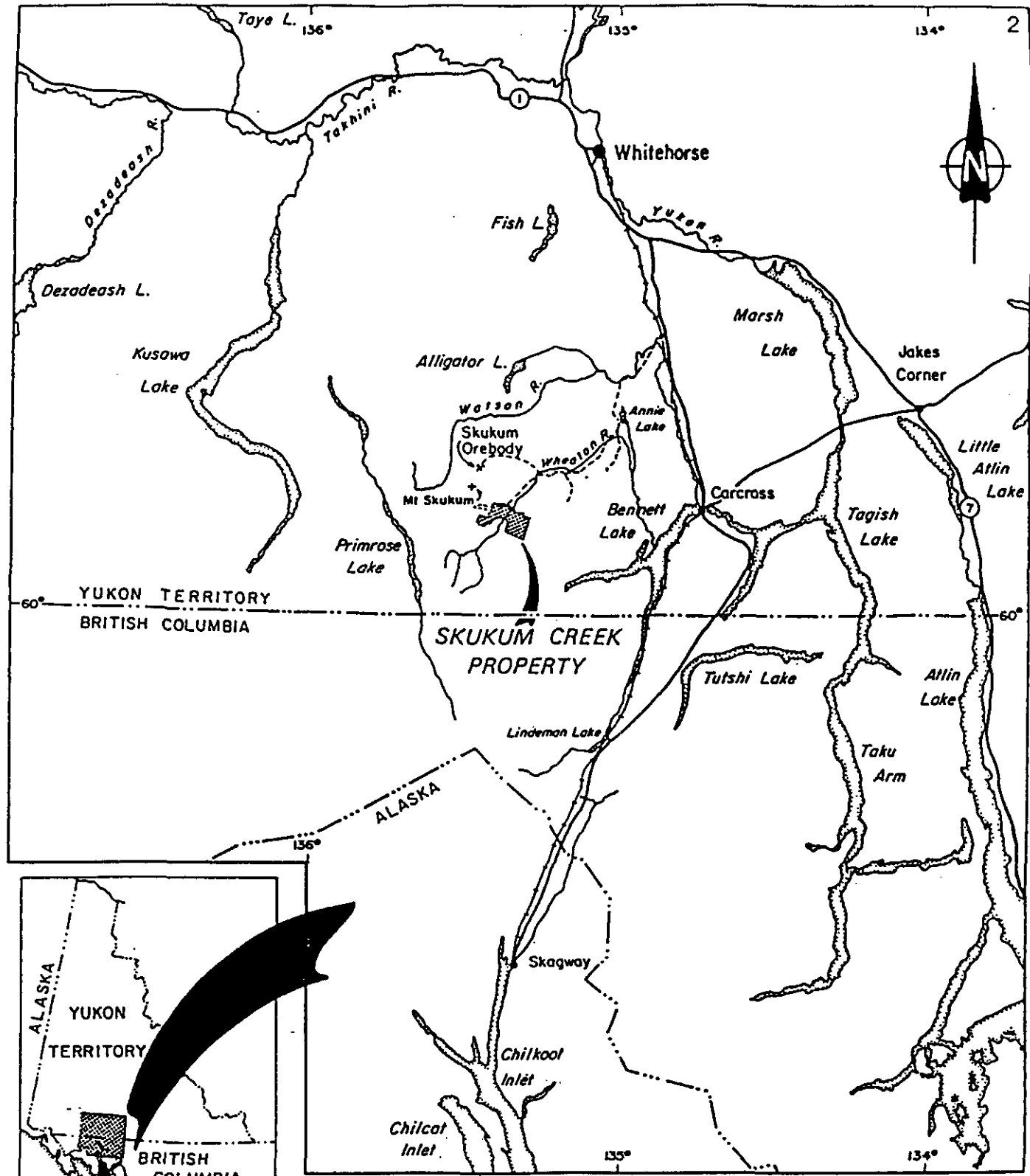
Claims discussed in this report, within which work was performed, include ERN 3, 4, 6, 8, 11, 14, OMNI 1, 12, RACA 10, WH 1, 3, 4, 6, 8, TM 7, 48, 49, 74, 75, 81, 94, 95, 97, 98, 99, 100, 108, 110 and KUKU 1 and 2. Diamond drilling was conducted on the ERN 6, RACA 10 and WH 8 claims. Work on the remaining referenced claims included reconnaissance mapping, litho-geochemical and soil sampling, line cutting, HLEM geophysical survey and road construction and improvement utilizing Cat D6 and D7 bulldozers.

Geological and geochemical field data were initially compiled on 1:5000 scale contour maps. All final maps were produced at 1:2500 scale. Drill hole cross sections are plotted at 1:500 scale.

A total of 56 rock grab samples, 164 soil samples and 53 drill core samples were collected for analysis. All geochemical samples were shipped to Acme Analytical Labs of Vancouver, B. C. for 32 element ICP geochemical analysis plus gold analysis by Fire Assay with AA finish. Analytical procedures are described in APPENDIX III and analytical results are presented in APPENDICES IV, V and VI.

Location and Access

The Skukum Creek Group of claims is located in the southwestern Yukon Territory approximately 62 km southwest of Whitehorse (Figure 1). The property is situated within NTS map sheet 105D/3 and centred about 60° 10' 45" N latitude and 135° 23' 30" W longitude. The claims area covers Mount Reid, Mount McNeil, Chieftain Hill, Skukum, Berney and Butte Creeks and a portion of the Wheaton River Valley. The main focus of exploration activity this year, and the subject of this report, is the eastern nose of Mount Reid between Skukum and Berney Creeks. Road access to the claims is provided via the Alaska Highway and South Klondike Highway, a distance of 35 km, to the Annie Lake Road turnoff thence via the Annie Lake Road for 45 km to the Omni exploration camp at the former Skukum Mines mill site. The initial 25 km of this road consists of an excellent two-lane, all weather, gravel surface maintained year-round by the Territorial Government. Final access to the property is provided by a 9 km good gravel road south from the mill site thence via several rough 4-wheel drive roads to individual drill sites. Alternatively, helicopter charter out of Whitehorse is also available.



OMNI RESOURCES INC.
SKUKUM CREEK PROPERTY
LOCATION MAP
Figure 1

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 4

Physiography and Climate

The Skukum Creek Property is located within the Boundary Ranges of the Coast Mountain physiographic division. Topography covered by the claims is characterized by steep, rugged mountains and the broad, flat-bottomed Wheaton River Valley. Elevations on the property range from 1000 metres (3,050') up to 2260 metres (7,400') above sea level. The southeastern slopes of Chieftain Hill, Mount Reid and Mount McNeil feature steep cliffs cut by deep, incised gullies. North of Skukum Creek, mountain tops consist of mainly rolling, high upland plateaus covered with glacial till and felsenmeer. On a regional scale, outcrop exposure is relatively uncommon.

During the Pleistocene Epoch, ice covered the entire area except the tops of the highest peaks. Glaciation has produced broad U-shaped valleys which are now occupied by underfit streams and rivers; tributaries to these streams often originate in cirque valleys.

Valley bottoms are typically underlain by glaciofluvial sediments having a thickness in excess of five metres. Lower slopes above the valley floor are draped by colluvial apron sediments. Slopes above the valley floor to tree line are populated by forests of spruce, balsam fir, poplar and willow. Tree line occurs at approximately 1350 metres (4,428') and above this elevation, alpine grasses, low shrubs and a variety of mosses prevail.

Weather records indicate that seasonal precipitation is light and falls mainly as rain during the summer. Snow cover averages 1.0 to 1.5 metres in winter. The climate is continental type with warm, short summers and long, cold winters. Average summer temperatures are recorded at 25° Celsius while winter temperatures are commonly in the -30° to -40° Celsius range. Permafrost at this latitude is discontinuous but widespread. It is rarely possible to commence surface geological work before the end of June and difficult to continue past September.

Property Status and Ownership

The Skukum Creek Group of claims described in this report comprises a total of 440 claims grouped into 39 groups located in the Whitehorse Mining District (Figure 2). These claims are currently 100% owned by Omni Resources Inc. Relevant claims data is tabulated in Table 1.

HISTORY OF EXPLORATION

Regional History

The area drained by the upper reaches of the Wheaton River was first explored for minerals at the turn of the century when prospectors passed through the region on their way to the interior. This stimulated geological investigations by McConnell (1906) and Cairnes (1908, 1910).

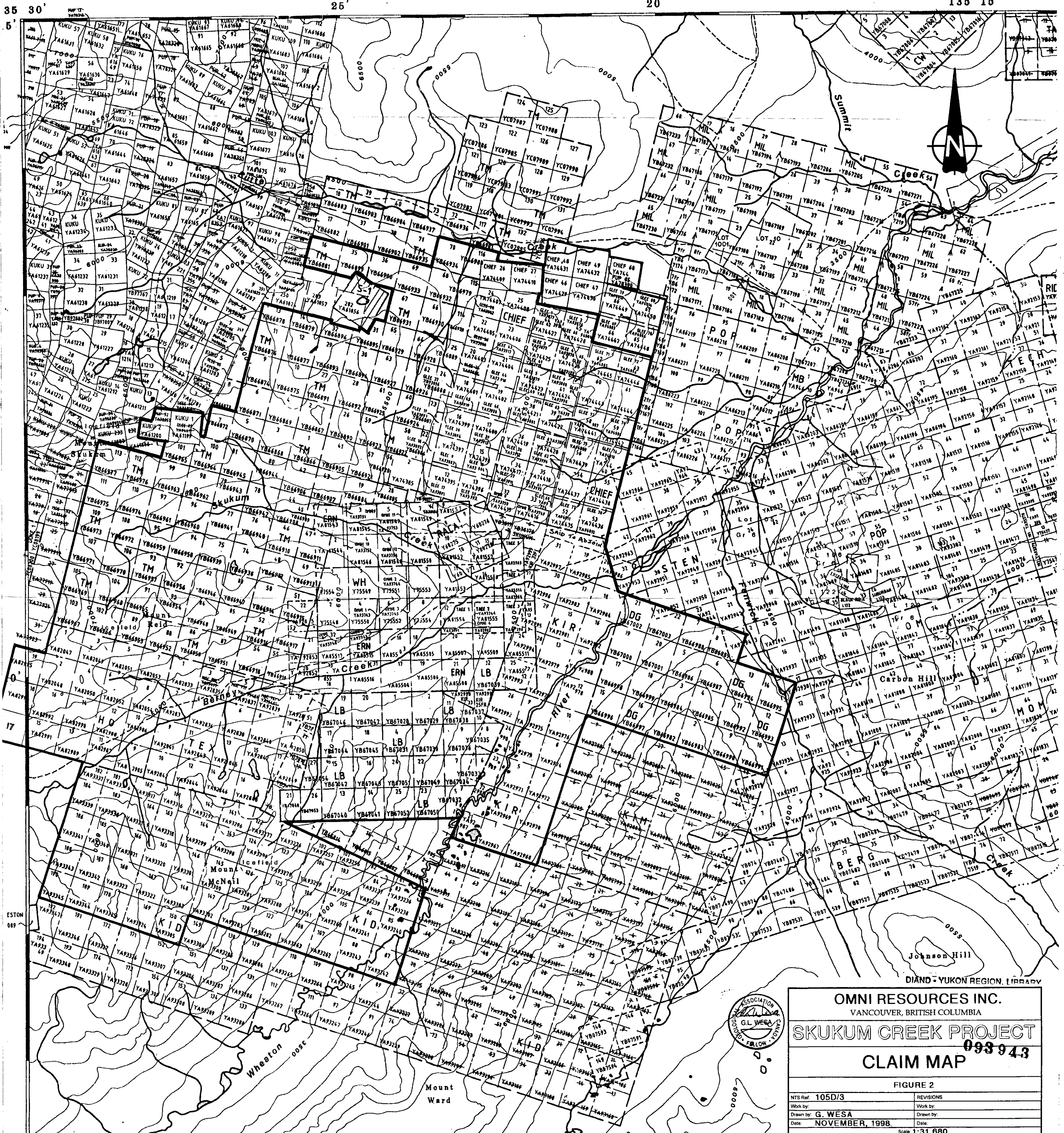


TABLE 1: SKUKUM CREEK CLAIMS STATUS

Claim Name and Numbers	No. of Claims	Grant Number	Current Expiry	New Expiry Date
ERN 1-15	15	YA81543-557	2003/09/22	2004/09/22
ERN 16-22	7	YA85503-509	2003/09/22	2004/09/22
ERN 24-27	4	YA85511-514	2003/09/22	2004/09/22
ERN 30-33	4	YA85515-518	2003/09/22	2004/09/22
OMNI 1-12 ft's	12	YA93743-754	2003/09/22	2004/09/22
TREE 1-5 ft's	5	YA82961-965	2005/09/22	2006/09/22
WH 1-8	8	Y75547-554	2006/09/22	2007/09/22
RACA 8-11	4	Y60275-278	2003/02/08	2004/02/08
TEX 1-22	22	YA92833-854	2002/09/22	2003/09/22
LB 1-16	16	YB67028-043	2002/05/27	2003/05/27
LB 17	1	YB67044	2001/05/27	2002/05/27
LB 18	1	YB67045	2002/05/27	2003/05/27
LB 19	1	YB67046	2001/05/27	2002/05/27
LB 20	1	YB67047	2002/05/27	2003/05/27
LB 21	1	YB67048	2001/05/27	2002/05/27
LB 26	1	YB67053	2002/05/27	2003/05/27
LB 27	1	YB67054	2001/05/27	2002/05/27
KIR 1-33	33	YA92967-999	2002/09/22	2003/09/22
DG 1-22	22	YB66982-003	2002/12/01	2003/12/01
TM 1-14	14	YB66866-879	2002/05/27	2003/05/27
TM 16	1	YB66881	2001/05/27	2002/05/27
TM 19, 20	2	YB66884,885	2002/05/27	2003/05/27
TM 22-32	11	YB66886-896	2002/05/27	2003/05/27
TM 35-36	2	YB66899-900	2002/05/27	2003/05/27
TM 41-70	30	YB66905-934	2002/05/27	2003/05/27
TM 74-116	43	YB66938-980	2002/05/27	2003/05/27
CHIEF 2	1	YA74385	2003/01/01	2004/01/01
CHIEF 12-27	16	YA74395-410	2003/01/01	2004/01/01
CHIEF 32-46	15	YA74415-429	2003/01/01	2004/01/01
CHIEF 52-65	14	YA74435-448	2003/01/01	2004/01/01
GLEE 1-4	4	YA93875-878	2003/01/01	2004/01/01
GLEE 6-10	5	YA93880-884	2003/01/01	2004/01/01
GLEE 17-20	4	YA93891-894	2003/01/01	2004/01/01
GLEE 22	1	YA93896	2003/01/01	2004/01/01
GLEE 43-46	4	YA93917-920	2003/01/01	2004/01/01
GLEE 71-78	8	YA94005-012	2003/01/01	2004/01/01
HO 1-8	8	YA82047-054	1999/03/04	2000/03/04
HO 9-14	6	YA82985-990	1999/03/04	2000/03/04
HO 16	1	YA82992	1999/03/04	2000/03/04
HO 18, 19	2	YA82994-995	1999/03/04	2000/03/04

Claim Name and Numbers	No. of Claims	Grant Number	Current Expiry	New Expiry Date
KUKU 1-2	2	YA61199-200	2003/01/01	2006/01/01
KUKU 35-46	12	YA61233-244	1999/01/01	2002/01/01
KUKU 48	1	YA61246	1999/01/01	2002/01/01
KUKU 49-52	4	YA61623-626	1999/01/01	2002/01/01
KUKU 54	1	YA61628	1999/01/01	2002/01/01
KUKU 65-69	5	YA61639-643	1999/01/01	2002/01/01
KUKU 70-72	3	YA61644-646	1999/01/01	2001/01/01
KUKU 74, 76	2	YA61648, 650	1999/01/01	2001/01/01
KUKU 194	1	YA61768	1999/01/01	2002/01/01
KUKU 196-200	5	YA61770-774	1999/01/01	2002/01/01
KUKU 202, 204	2	YA61776, 778	1999/01/01	2002/01/01
KID 81-88	8	YA93236-243	2000/09/22	2001/09/22
KID 101-108	8	YA93256-263	2000/09/22	2001/09/22
KID 121-128	8	YA03276-283	2000/09/22	2001/09/22
KID 141-148	8	YA93296-303	2000/09/22	2001/09/22
KID 150	1	YA93305	2000/09/22	2001/09/22
KID 161-170	10	YA93316-325	2000/09/22	2001/09/22
KID 181-188	8	YA93336-343	2000/09/22	2001/09/22

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 8

The first topographic and geological map of the Wheaton District was completed by Cairnes in 1912. Further reports on the mineral occurrences in the Wheaton district were published by the Geological Survey of Canada by MacLean in 1914, Cairnes in 1916, 1917 and Bostock in 1938 and 1941. More recently, Pride has conducted detailed geological evaluations of the Mount Skukum volcanic complex in 1985-86.

Considerable prospecting was performed in the Wheaton River area commencing in the early 1900's and culminated in the discovery of numerous gold, silver and related base metal occurrences.

In 1981 AGIP Canada Ltd. discovered gold at Mount Skukum near the headwaters of Butte Creek. The Mount Skukum gold deposit was developed with published pre-production proven reserves of 235,000 tonnes (259,000 tons) grading 20 g/t (0.58 oz/t) Au. The mine operated between February, 1986 to July, 1988 and produced approximately 80,000 ounces of gold from 220,000 tons of ore.

Property History

A review of government Assessment Report Archives and Minfile records indicates that considerable work is recorded on the property prior to 1998. Ground presently owned by Omni Resources Inc. was originally staked as early as 1906. Spectacular orange, yellow and red gossanous alteration zones on the eastern and southern flanks of Chieftain Hill attracted the attention of prospectors and geologists from before the turn of the century.

On Chieftain Hill, The "Morning" and "Evening" veins were discovered about 1893; however, the first official staking of 14 claims was recorded in 1906. These stibnite-quartz veins were hand trenched but no further work was completed until 1964-65 when Yukon Antimony Corp. conducted road building and additional trenching. AGIP Canada Ltd. re-staked the occurrences in 1981 and followed up with mapping, magnetometer surveys and road construction in 1986. Four quartz-sulphide veins were discovered and these were explored with trenching, geological, geochemical and geophysical surveys and diamond drilling in 1987. In 1988, eight diamond drill holes, totaling 902 metres, were completed on the Ocean and Morning veins. In 1989, the Ocean vein was tested with 1804 metres of diamond drilling in seven holes. In 1991, the Ocean vein was explored with three drill holes, totaling 1034 metres, and additional HLEM surveys.

Claims were first staked over a copper occurrence on the southern flank of Chieftain Hill prior to 1907; however, no exploration was conducted until 1966-67 when Yukon Antimony Corp. completed IP surveys, road building and diamond drilling totaling 277 metres. Geological and geochemical surveys have been completed since 1967 by various companies and most recently by Omni Resources Inc. in 1987.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 9

The Skukum Creek gold-silver deposit is the largest vein gold deposit discovered to date in the Yukon. Claims covering the Skukum Creek mineral occurrences were initially staked in 1922 and two veins on the property were explored with several trenches and a 41 metre adit. During 1930-31, J. Stenbraten improved road access, performed additional trenching and eventually drove a 30 metre adit in 1937.

The property was examined several times prior to 1950 by Geological Survey of Canada geologists. Interest in the area was renewed in 1965 when Yukon Antimony Corp acquired the ground, constructed road access to the main showings and explored the veins with several bulldozer trenches. The property was re-staked in 1973 by W. Kuhn on behalf of El Paso Mining and Milling Co. The latter conducted geological mapping and soil sampling in 1974 and returned the ground in 1976. Con-Am Resources Inc. acquired the ground in August, 1977, established a new grid and re-sampled old trenches.

The property was explored intermittently by various owners prior to the acquisition in 1984 of the WH 1-8 (the original claim group) by Omni Resources Inc. In 1984-85, Omni consolidated a total of 296 contiguous claims under various option agreements and the Skukum Creek property became wholly owned by Omni Resources Inc. Omni immediately commenced drilling 23 diamond drill holes and 4 RC percussion holes totaling 2022 metres and 560 metres, respectively. In addition, geological mapping, prospecting, grid controlled soil sampling, resistivity geophysical surveys and bulldozer and hand trenching was completed over 163 claims and fractions. The 1985 program identified the Sterling-Rainbow-Road, Kuhn and Ridge, Polaris, Comstock, Bonanza-Ernie-V.G. and Hidden (Golden Eagle) Zones.

The 1986 exploration program focused on diamond drilling and detailed mapping over the Rainbow, Road, Kuhn and Sterling Zones. The majority of the 53 drill holes, totaling 8200 metres, were targeted over the Rainbow and Kuhn Zones. In addition, two holes, totaling 43 metres tested overburden depth and rock quality at a proposed adit site. The Company subsequently completed construction of a large exploration camp and an 8 km, all season haulage road to the Rainbow/Kuhn Zones.

Considerable exploration and development was performed on the property in 1987. A production size adit was collared at the 1300 metre level in January and 823 metres of underground development was completed. A 10,000 ton bulk sample from high grade portions of the Rainbow and Kuhn Zones was subsequently extracted. A total of 81 diamond drill holes tested the Rainbow and Kuhn Zones from underground stations and surface sites. To 1988, a total of more than 24,000 metres of surface and underground diamond drilling and 2200 metres of underground development on the 1300 and 1350 Levels has been completed. Underground workings include two main haulage tunnels, several drifts, ore passes and stopes, raises to the 1375 and 1400 Levels and a decline to the 1275 and 1250 Levels.

GEOLOGY

Regional Geology

The Skukum Creek property is located near the eastern margin of the Coast Plutonic Complex which is composed primarily of foliated and non-foliated granitoid rocks. These lithologies are mainly Cretaceous in age and range in composition from granite to granodiorite to quartz diorite to monzonite. Coast Plutonic lithologies have intruded older, unaltered to metamorphosed sedimentary and volcanic rocks of the Yukon Group, Lewes River Group, Laberge Group and Tantalus Formation. Older metamorphic rocks of the Nisling Terrane, and unconformably overlying chert pebble conglomerate of the Jura-Cretaceous Tantalus Formation, form pendants and erosional remnants in the granitic rocks. These older units commonly are exposed in the eastern portion of the Wheaton River District (Figure 3).

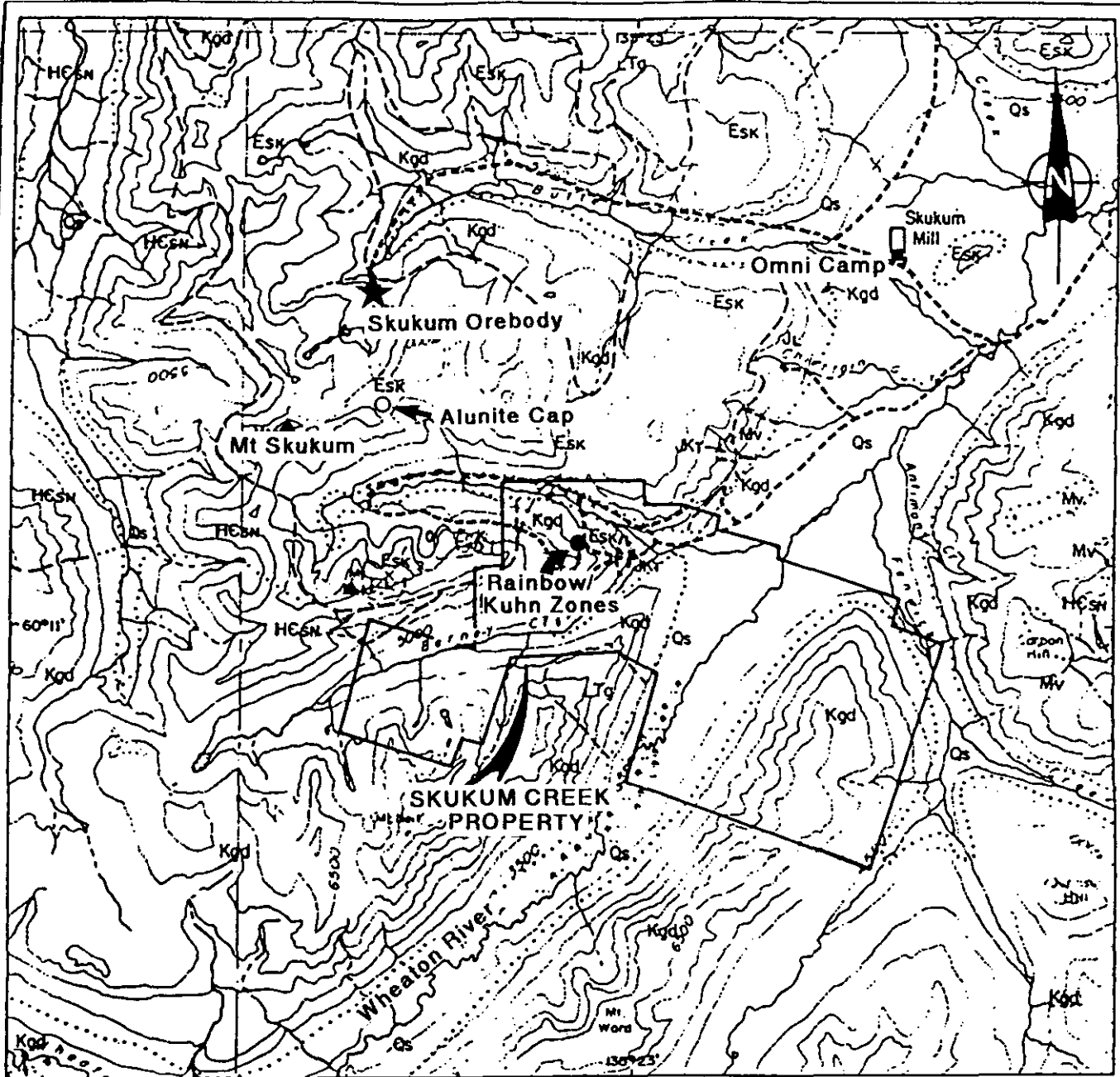
Northwest of the Wheaton River, intermediate to felsic volcanic flows and pyroclastic rocks of the Paleocene-Eocene age Mount Skukum Volcanic Complex unconformably overlie the Coast Plutonic Complex and Yukon Group rocks. The Mount Skukum Volcanic Complex and surrounding area has been extensively faulted as a consequence of caldera collapse. One of these faults, designated the Berney Creek Fault, trends northeasterly and is exposed immediately off the southern flank of the Skukum Complex. This structure cuts through Cretaceous granodiorites and hosts the Rainbow and Kuhn ore bodies of the Skukum Creek mineralized zone.

Property Geology

Property geology is complex and locally complicated by the lack of outcrop which constitutes less than 25% of the project area and typically is restricted to upper ridge flanks and peaks. Felsenmeer blankets upper plateaus and ridge tops; lower slopes and valley bottoms are blanketed by talus, alluvium, glacial and lacustrine deposits, volcanic ash and loess.

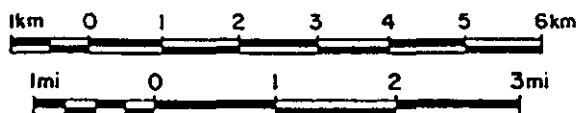
Lithologies identified on the property, specifically in the project area include Jurassic age quartz arenites and chert pebble conglomerates of the Tantalus Formation; Cretaceous hornblende granodiorites, quartz monzonites and granites of the Coast Plutonic Complex; Eocene Skukum Group volcanics comprised of felsic to intermediate flows, breccias, tuffs, agglomerate and related volcanic sediments; rhyolite and andesite dykes coeval with Skukum volcanics and later dykes and veins of uncertain age including the mineralized quartz and carbonate veins hosting the Skukum Creek deposit (Table 2).

Rhyolite and andesite dykes are concentrated in zones of weakness along northeast trending, southeast-side down, normal faults and fracture sets, or lithologic contacts, roughly parallel to the Berney Creek Fault. These faults appear as splays off the larger caldera bounding Berney Creek Fault which strikes 078° and includes a zone of brittle fractures and rhyolite dykes up to 25 metres wide. These zones of weakness act as conduits along which the main mineralization comprising the Rainbow and Kuhn Zones was emplaced.



LEGEND

QUATERNARY	Qs	surficial deposits
	LTg	rhyolite-granite porphyry
TERTIARY	Esk	Skukum Group
	Kgd	granodiorite
CRETACEOUS	JKt	Tantakus formation
	JL	Laberge Group
MESOZOIC (?)	Mv	volcanics
	HCSN	Yukon Group



Source: Aurum Geological Consultants Inc. - Compilation,



OMNI RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

SKUKUM CREEK PROJECT

REGIONAL GEOLOGY

Figure 3

NTS Ref: 105D/3	REVISIONS
Work by:	Work by:
Drawn by: G. Wesa	Drawn by:
Date: November, 1998	Date:
Scale: 1:100,000	

Table 2**Table of Formations – Skukum Creek Area**

ERA	PERIOD	FORMATION	LITHOLOGY
Cenozoic	Quaternary		Unconsolidated surficial alluvium.
	Pleistocene		Glacial and glacio-fluvial deposits.
Erosional Interval			
Cenozoic	Early Eocene	Skukum Group	Felsic to intermediate volcanic flows, breccias, ash to lapilli tuffs and related epiclastic rocks and pyroclastic flows; dike emplacement, quartz veining and mineralization.
Paleocene – Unconformity (Intrusive Contact)			
Mesozoic	Middle Cretaceous	Coast Plutonic Complex	Hornblende granodiorite, granitoid intrusions accompanied with folding, faulting, contact metamorphism, erosion.
Lower Cretaceous – Erosional Unconformity			
Mesozoic	Mid-Cretaceous to Late Jurassic	Tantalus Formation	Chert pebble conglomerate, polymictic conglomerate and related siliciclastic rocks.
Erosional Unconformity			
Paleozoic and Older (?)	Late Triassic to Paleozoic	Nisling Assemblage	Metasedimentary and metavolcanic rocks and related schists and gneisses.

Modified from Wheeler, 1961; Pride and Clark, 1985; Hart and Radloff, 1990.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 13

Volcanic rocks of the Mount Skukum Volcanic Complex north of Berney Creek Fault are down-dropped against Mount Reid granodiorite and Nisling assemblage metamorphic rocks. Vertical throw on the fault is at least equal to the one kilometre stratigraphic thickness of the volcanic pile. The intense fracturing in the Berney Creek Fault zone is greater than that expected by a simple normal fault, and pre-caldera dykes and veins show a dextral offset, suggesting that the Berney Creek Fault and its associated splays existed prior to the formation of the Mount Skukum Volcanic Complex.

Lithologies exposed on the property appear to be variably hydrothermally altered ranging from relatively fresh, unaltered rock in non-mineralized areas to intensely propylitic and phyllic altered wallrock adjacent to and within shear zones.

The Skukum Creek ore deposit is a sulphide rich, polymetallic, mesothermal vein deposit with moderate gold and significant silver values. The deposit occurs in two zones along a single splay of the Berney Creek Fault and appears to be related to early sinistral movement on the fault. Three or more relatively contemporaneous mineral phases appear to be related to a magmatic event which preceded the Skukum Volcanic Complex. The character and geometry of the ore zone has been subsequently modified by three sets of post-ore faults which probably correspond to subsidence of the Mount Skukum caldera.

TAXI Zone

The TAXI zone veins are exposed on precipitous cliffs on the southeastern side of King Canyon gully approximately 120 metres northwest of the surface projection of the Kuhn deposit. The veins occur as vuggy, cockscomb textured, and locally banded, white to translucent grey quartz occupying fractures which were originally joints and later became a plane along which minor movement occurred. The metallic mineralogy of these veins consists of coarse pyrite, arsenopyrite, galena, stibnite, minor sphalerite, chalcopyrite and magnetite. Veins commonly measure in the order of 8.0 cm wide by 3.0 m long; however, dimensions are highly variable.

The host lithology for these quartz-sulphide veins is sheared, fractured, moderately to intensely propylitic and phyllic altered hornblende granodiorite belonging to the Coast Plutonic Complex. This unit is intruded by northeasterly trending, commonly silicified andesitic and rhyolitic dykes and is cut by a major fault structure represented by the King Canyon gully.

Movement along structures probably caused narrow, discontinuous dilatant zones to form in the granodiorite; this was made possible if the original jointing is warped or slightly bent. Mapping reveals that many mineralized fractures contain rusty alteration commonly at considerable distances from the veins, lenses and pods. Limonite is observed as a common constituent of the veins. This suggests that mineralizing fluids migrated up fractures but, in many cases, were unable to deposit vein materials.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 14

In addition to King Canyon structure, several narrow, parallel shear zones are identified to the northwest in steep, cliffed terrain and along a newly constructed drill access road cut (Figure 4). Three narrow, 6.0-10.0 cm wide, limonitic, sulphide mineralized clay gouge shear zones are found in outcrop at the base of King Canyon (Denero Zone). Bedrock at this location comprises hornblende granodiorite which locally appears to grade into diorite. These rocks are commonly cut by rusty-orange weathering, iron carbonate (ankerite) altered fault zones measuring up to 1.5 metres wide. These intrusions locally host andesite dykes and, to a lesser degree, narrow rhyolite dykes.

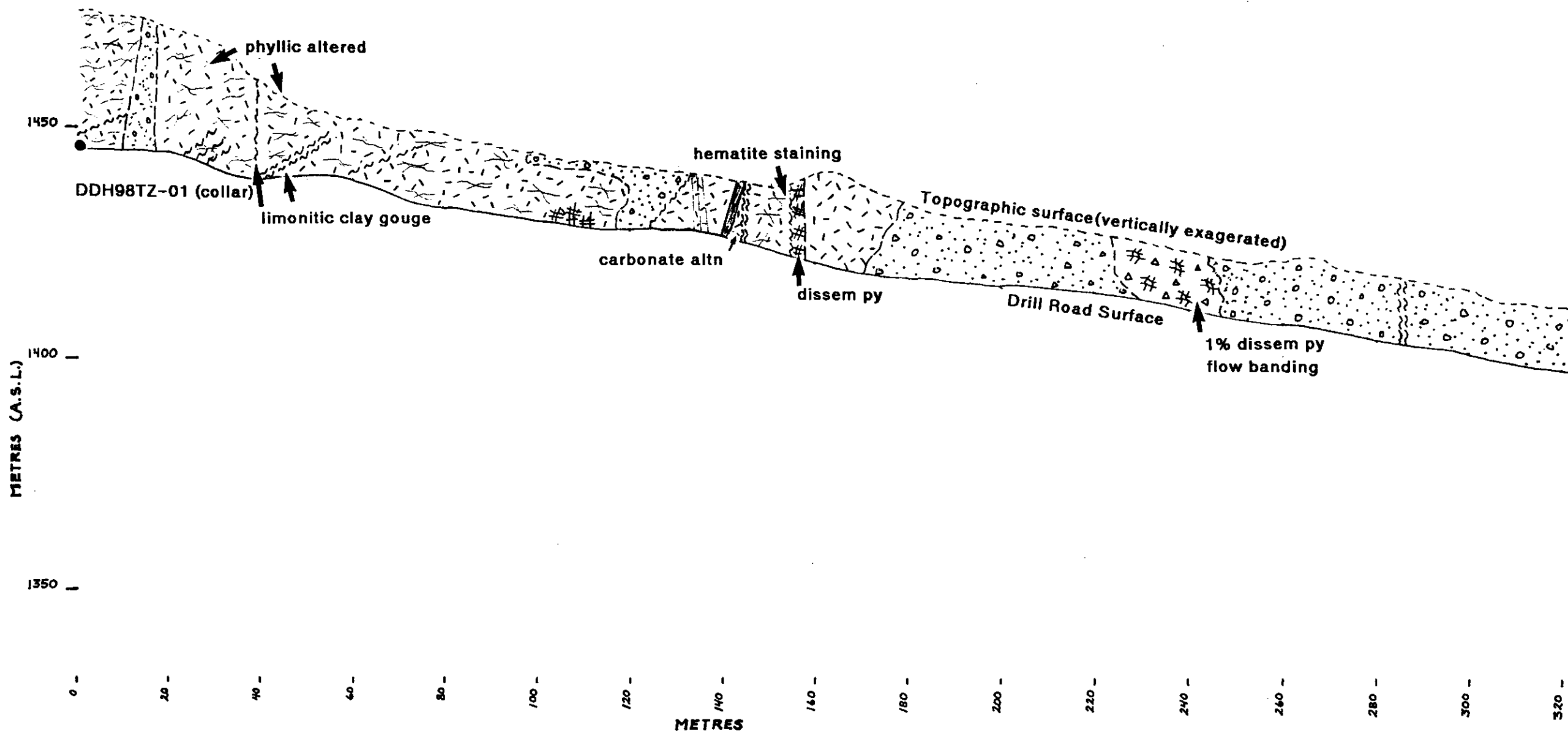
Approximately 375 metres west of King Canyon granodiorite is in fault contact with pale rusty weathering to hematitic-red stained, crackle-fractured rhyolite flows belonging to the Mount Skukum Volcanic Complex. These volcanics are likewise broken by up to 1.0 metre wide shear zones characterized by rusty weathering, intense crackle fracture and local quartz-carbonate breccia.

BONANZA—GOLDEN EAGLE Zone

The BONANZA and GOLDEN EAGLE Zones are located on the south side of the main ridge north of Berney Creek. These showings comprise narrow, limonitic quartz-sulphide veins and stringers hosted in weakly to moderately altered, locally partially recrystallized, pale grey to pinkish-grey, leucocratic granodiorite. These plutonic rocks are intruded by andesite, rhyolite and rhyodacite dykes which are, in turn, offset by late stage faults. Dykes strike 120° to 130° azimuth; cross-cutting, late stage normal step faults offset all lithologies at roughly 058° azimuth. Showings are exposed on steep, rugged slopes scarred by deep, incised gullies.

At the BONANZA Zone, localized quartz pods occupy a 1.0 metre wide, northeast trending chloritic shear zone. Mineralization is traceable discontinuously over approximately 80 metres.

The GOLDEN EAGLE Zone is located approximately 300 metres northeast of the BONANZA Zone and is characterized by several very narrow, northeast trending, parallel sinuous shear zones. Mineralized veins measure 2.0 to 4.0 cm, and rarely up to 6.0 to 8.0 cm, wide and consist of limonite, quartz and calcite with 2-5 % disseminated to coarse granular sulphides. The primary sulphide is pyrite with trace amounts of arsenopyrite and galena. Mineralization appears poddy and discontinuous coincident with the pinch and swell characteristics of the shears.

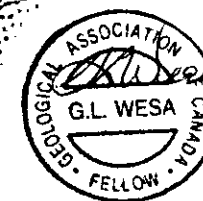


LEGEND

- Lithological contact
- Fault/shear
- Crackle fractures/fractures
- Brecciation
- Andesite dyke

SYMBOLS

- Hornblende granodiorite
- Rhyolite
- Overburden



OMNI RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

TAXI DRILL ROAD GEOLOGY

Figure 4

NTS Ref: 105D/3	REVISIONS
Work by: G. WESA	Work by:
Drawn by: G. WESA	Drawn by:
Date: NOV, 1998	Date:
Scale: 1:1000	

POLARIS Zone

The POLARIS Zone is exposed in a trench and road cuts at the eastern end of the ridge extending down from Mount Reid near the confluence of Skukum and Berney Creeks. The oldest rocks exposed at this location are chert pebble conglomerates and minor fine siliciclastics belonging to the Jurassic age Tantalus Formation. Exposures of this unit are limited and attitudes and structural relations with surrounding lithologies are poorly understood. Current mapping indicates that the fault contact with adjacent granodiorite strikes northwest (305°) and dips 85° SW. Previous workers also identified silicified, calcareous arenites and thinly bedded limestones which have been assigned to the Tantalus Formation.

The Tantalus Formation sediments are intruded, and locally nearly replaced, by leucocratic, equigranular granodiorite and minor quartz monzonite of Late Cretaceous age. These rocks are generally weakly to moderately altered; however, they exhibit intense alteration adjacent to shear zones and mineralization. Typical alteration assemblages include sericite, chlorite, pyrite, epidote, silica, clay, limonite and carbonate; altered wall rock commonly exhibits bleaching with loss of magnetite.

Pervasive, intense hydrothermal alteration of granodiorite and enclosed andesitic and rhyolitic dykes is observed for 65 metres along a drill road cut roughly paralleling a northwest trending, pinkish brown rhyodacite dyke and coincident fault zone (Figure 5). Alteration products comprise alunite (pyrophyllite), sericite, clay, pyrite, silica and limonite and are indicative of intense phyllic and advanced argillic alteration facies. Wall rock along the road is extensively sheared, crackle fractured and brecciated with local evidence of recrystallization of narrow quartz veins.

POLARIS Zone mineralization is exposed in a trench and on a drill road established in 1985. Narrow quartz-sulphide veins associate with andesite and rhyolite dikes and strike roughly 063° azimuth. Mineralization comprises disseminated to coarse pyrite, galena and trace sphalerite hosted in a 0.3 to 0.4 metre wide, limonitic quartz breccia vein adjacent to an altered andesite dyke. Previous workers believed the surface POLARIS Zone mineralization to be hosted in a possible skarn unit; however, current mapping evidence does not support this interpretation. The purple and green skarn unit described by previous workers may in fact represent altered Eocene volcanic dykes. Previous drilling failed to intersect economic mineralization although coarse sphalerite and galena was encountered in a coarse crystalline, white marble unit.

A large, 6.0 to 7.0 metre wide, northwest trending pinkish brown to pale purple rhyodacite dyke is exposed at surface and in road cut immediately southwest of the access road. This dyke dips steeply to the southwest and is believed to post-date mineralization.

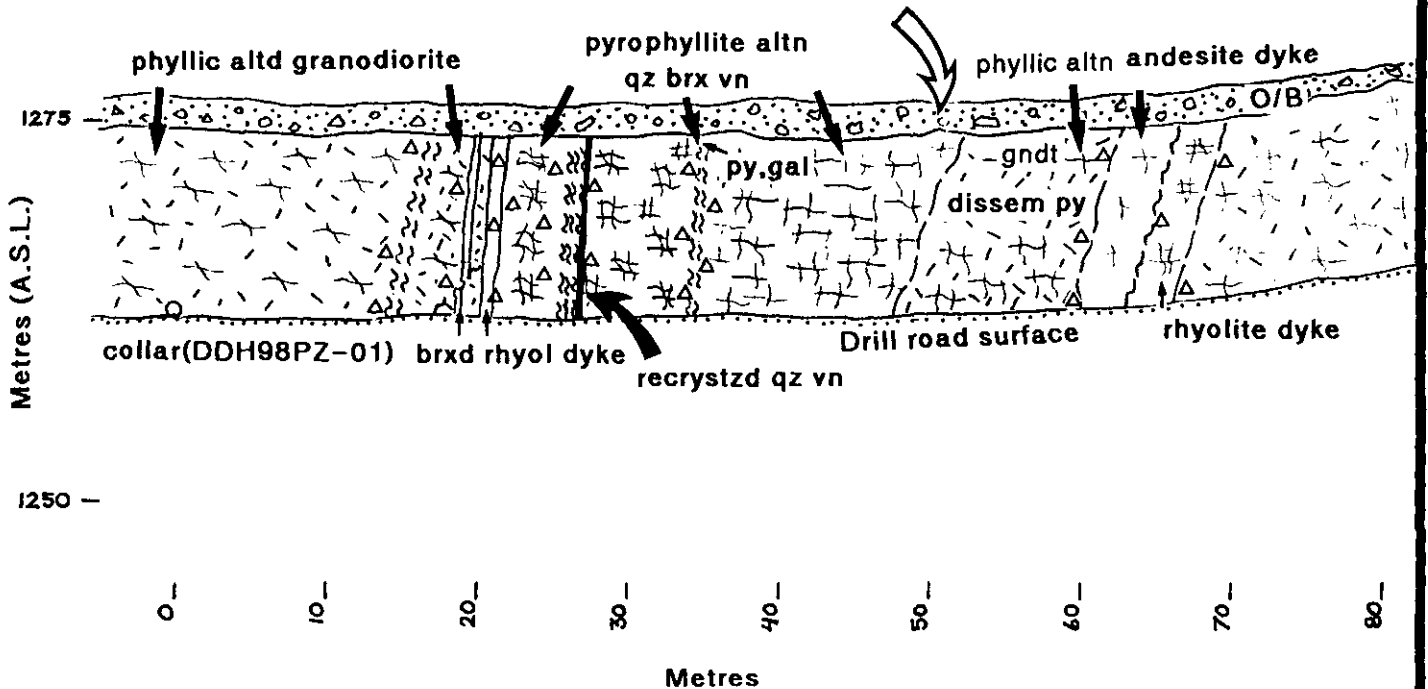
Alunite Cap

This study area is located on a barren ridge on the north side of Skukum Creek Valley immediately east of Mount Skukum. Bedrock in this area comprises mainly purple to dark grey porphyritic andesite and associated volcanic flows of Mount Skukum Volcanic Complex.

Cross section looking 250°

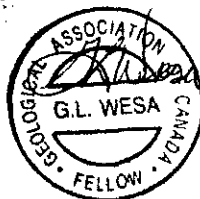
1300 —

Topographic surface(vertically exaggerated)



LEGEND

- ~~~ Faults/shears
- - - Lithological contact
- # Fractures
- △ △ △ Brecciation



OMNI RESOURCES INC.
VANCOUVER BRITISH COLUMBIA

POLARIS ZONE GEOLOGY

Figure 5

NTS Ref: 105 D/3	REVISIONS
Work by: G. WESA	Work by:
Drawn by: G. WESA	Drawn by:
Date: NOV, 1998	Date:

Scale: 1:500

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 18

The Alunite Cap represents an area of intense hydrothermal alteration of the felsic to intermediate volcanic pile to pyrophyllite, alunite, chalcedonic silica, rhodonite, talc and kaolin. These rocks characteristically appear mottled and exhibit variable degrees of silicification and kaolinization (alunite/pyrophyllite alteration) probably reflecting mixing of these components. Within the main area of the Alunite Cap, 1% disseminated pyrite occurs as lenses measuring 3.0 cm wide by 7.0 cm long hosted in pale pinkish to creamy white alunite-pyrophyllite. Elsewhere, pyrite occurs in trace quantities as patchy, very finely disseminated sulphide. Hematite occurs ubiquitously as a common constituent in matrix and as a coating on fragments and fractures.

A 30 metre wide pyritic halo, separated from the main argillic alteration cap by a narrow quartz breccia rim, is identified peripheral to the Alunite Cap on the southwestern, northeastern and southeastern sides. Andesites adjacent to the Alunite Cap rim exhibit strong quartz-pyrite alteration.

1998 EXPLORATION PROGRAM

Geological Mapping and Prospecting

Each area designated for drilling this season was evaluated by geological mapping, prospecting and lithogeochemical sampling prior to commencement of diamond drilling. Simultaneous mapping, prospecting and rock and grid-controlled soil sampling was carried out on the Alunite Cap and ridge immediately east of Mount Skukum. Following completion of the Skukum Creek area drilling program, geological mapping and lithogeochemical sampling was conducted along, and upslope from, a drill access road to the TAXI Zone west of King Canyon.

Geochemistry

Sampling Procedure

A total of 56 rock grab and chip samples and 164 soil samples were collected during the 1998 reconnaissance survey. Lithogeochemical samples were collected, concurrent with mapping and prospecting activities, from outcrop exposures exhibiting favourable characteristics such as sulphide content, gossanous weathering, alteration, shearing and deformation. Rock specimens were placed in marked plastic sample bags accompanied with a numbered tag for identification purposes and all sample sites were marked with a fluorescent ribbon displaying the corresponding sample code.

Soil samples were collected from soil lines (TAXI, POLARIS Zones), soil grid (Alunite Cap) and random locations in other parts of the project area. Samples were collected from depths of 10 – 30 cm using long handled mattocks and placed in marked, large gusseted kraft paper soil bags. Sample stations were correspondingly marked with coded pickets or fluorescent ribbon. Ground control for sampling was provided by altimeter, compass, GPS and hip chain, and the field crews were supplied with 1:5000 scale topo maps and air photos for plotting data.

Rock Geochemistry

During the 1998 program, 56 lithogeochemical samples were collected from the TAXI Zone (17), GOLDEN EAGLE Zone (17), BONANZA Zone (1), POLARIS Zone (3) and Alunite Cap (14). Four other samples were collected from the King Canyon area. Analytical results are presented in APPENDIX IV and rock sample descriptions are recorded in APPENDIX VII.

The majority of rock samples collected were sulphide (pyrite, galena, sphalerite, chalcopyrite, stibnite) bearing and were collected from areas of shearing with extensive hydrothermal alteration and quartz-sulphide veining. Table 3 records anomalous values for Au, Ag, Cu, Pb, Zn and As. Anomalous values correspond to the analytical unit measures presented under each element unless otherwise indicated.

Strongly anomalous base and precious metals values are documented from the TAXI Zone. These values derive from select grab samples of quartz-sulphide material hosted within narrow, discontinuous, rusty weathering, limonitic shear zones exposed at surface on the southeastern side of King Canyon. Anomalous Au and Ag values closely correlate with anomalous Pb, Zn and As in samples 98TZMR-02 and -04 to -07. These samples yielded values for Au (up to 1.605 oz/t), Ag (up to 115.33 oz/t), As (up to 10.29%), Pb (up to 11.78%), Zn (up to 1.35%) and Cu (up to 1460 ppm).

Prospecting and lithogeochemical sampling was conducted along a newly constructed access road connecting the TAXI drill site with the main haul road to the Skukum Creek portals. Lithologies exposed along the road cut and in cliffs upslope comprise strongly phyllic altered granodiorite intruded by altered intermediate (andesitic) dykes and altered, brecciated rhyolite dykes. Analysis of a select rock grab sample from a 15 cm wide shear zone with visible disseminated sulphides recorded 67.3 ppm (1.96 oz/t) Ag, 1039 ppm Cu, 110 ppm As and 124 ppm Bi.

Similarly, narrow fractures containing limonitic clay gouge, developed in altered granodiorite at the "DENERO" occurrence at the base of King Canyon, yielded moderately anomalous gold values of 0.158 and 0.242 oz/t from two select grab samples of this material. Coincident anomalous analytical values are recorded for Ag (1.74, 4.05 oz/t) and Pb (1.54, 0.43%).

Strongly anomalous values are recorded from select grab samples of quartz-sulphide vein material from narrow, limonitic shear zones and dilatant fractures at the GOLDEN EAGLE and BONANZA mineral occurrences. At the GOLDEN EAGLE occurrence, six samples yielded values for Au (up to 10.975 oz/t), Ag (up to 9.64 oz/t), Pb (up to 2.44%) and Zn (up to 7100 ppm). At the BONANZA occurrence, a single sample returned 1.33% Pb, 2.26% Zn and 3.01 oz/t Ag.

A total of 14 select grab samples were collected over an area of intense hydrothermal alteration on the Alunite Cap. Analysis of lithogeochemical samples was disappointing and background values were recorded for all elements tested.

TABLE 3: Lithogeochemical Analysis (1998) – Skukum Creek Project

Sample No.	Au oz/t	Ag oz/t	Cu ppm	Pb ppm	Zn ppm	As %
<u>Taxi Zone</u>						
98TZMR-01	0.157	0.80	150	5400	2200	
98TZMR-02	0.095	3.64	210	3000	6800	1.04
98TZMR-03	0.026	6.35	900	2.07%	1500	
98TZMR-04	0.343	3.10	190	9500	1300	6.18
98TZMR-05	0.392	6.02	560	2.19%	2200	10.29
98TZMR-06	1.603	115.33	1460	11.78%	1.35%	3.46
98TZMR-07	1.605	19.65	900	2.63%	9800	5.59
98SKUWR-02	0.133	49.85	780	1.13%	1100	
98SKUWR-03	0.218	41.65	320	1.85%	300	
98TRWR-05	0.002	1.96	1039	84	76	
<u>Golden Eagle Zone</u>						
98GEMR-03	0.177	2.49	160	5600	7100	
98GEMR-04	0.461	6.89	180	1.25%	4900	
98GEMR-05	10.975	9.64	760	6.21%	1600	
98GEMR-06	0.215	1.43	410	9700	900	
98GEMR-07	1.625	2.81	260	6900	500	
98GEMR-08	1.126	4.61	250	2.44%	700	
<u>Bonanza Zone</u>						
98BONWR-01	0.098	3.01	8450	1.33%	2.26%	
<u>King Canyon (Denero Zone)</u>						
98DENWR-02	0.158	1.74	540	1.54%	900	
98DENWR-03	0.242	4.05	270	4300	1700	
<u>Polaris Zone</u>						
98POLER-01	0.004	1.22	4130	1.72%	2100	

Soil Geochemistry

Soil horizons and profiles are not well developed in the project area due to the steepness of the terrain and recent glaciation. Therefore, soils are effectively classified as talus fines and more appropriately represent transported materials in the vicinity of the TAXI and POLARIS Zones. Soil samples were collected at 20 metre intervals along the two soil lines established at each of the above two zones.

West of the TAXI Zone an 800 metre soil line was established along the drill access road connecting the TAXI drill site with the main haul road crossing Skukum Creek. Forty soil samples were collected along this road cut constructed on steep slope. Soil lines are plotted on Map 2 and geochemical values are recorded on Map 3. Analytical values are presented in APPENDIX V.

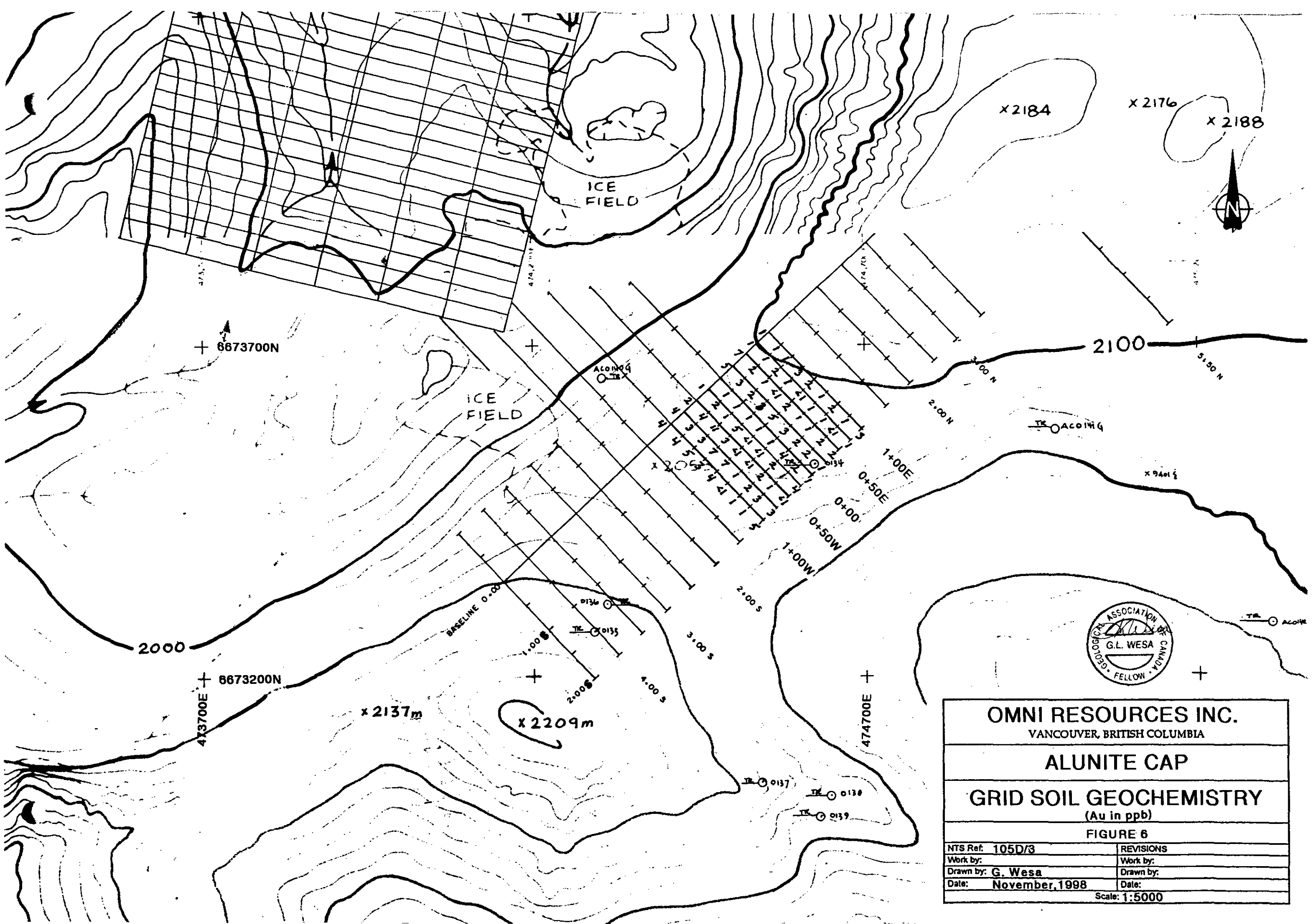
Analytical results from this survey are very encouraging with elevated to strongly anomalous values documented for Au (up to 490 ppb), Ag (up to 7538 ppb), Cu (up to 1160 ppm), Pb (up to 319 ppm) and As (up to 469 ppm). In addition, elevated values for Mo and Zn were recorded. These results are recorded from samples collected within the final 300 metres, at approximately the 1415-1445 metre elevation, along the upper section of the road to the drill site. The sample medium at this location comprises a thin veneer of talus fines with intermittent exposures of bedrock. The lower half of this soil survey from a switchback descending down to Skukum Creek failed to identify any significant anomalous gold targets probably due to the thick section of pebble to boulder size glacial and glaciofluvial deposits in the valley.

Four random samples of limonitic clay gouge from narrow shear zones on steep terrain on the southeastern side of King Canyon returned strongly anomalous values for Au (up to 0.875 oz/t), Ag (up to 2.92 oz/t), As (>10%), Pb (up to 2.07%), Zn (up to 0.780%) and Cu (up to 0.172%).

A 290 metre contour soil line was established at the 1380 metre elevation between Kuhn Gully and cliffs to the east above the POLARIS Zone. This soil survey failed to identify any significant anomalous precious and base metals targets. Three elevated gold – in – soil values of 18 ppb, 22 ppb and 52 ppm Au were recorded. Analytical values were low for all other elements tested.

At the GOLDEN EAGLE occurrence, limonitic clay gouge within dilatant portions of quartz-sulphide bearing shear zones was sampled. Six samples yielded Au values up to >2.92 oz/t, Ag >2.92 oz/t, As up to 1.62%, Pb up to 2.06% and Zn up to 1.11%.

Grid controlled soil sampling was completed over a portion of a previous grid established along the barren ridge at roughly 2060 metres elevation at the Alunite Cap (Figure 6). Current work involved establishment of a 200 x 200 metre grid, comprising 2.1 km of soil lines, over an area of advanced argillic alteration. A total of 84 soil samples were collected at 25 metre intervals along 25 metre spaced soil lines. Soil profiles are non-existent at this elevation and samples effectively represent residual fines of brightly gossanous, quartz-clay (pyrophyllite) altered bedrock.



OMNI RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
ALUNITE CAP	
GRID SOIL GEOCHEMISTRY (Au in ppb)	
FIGURE 6	
NTS Ref: 105D/3	REVISIONS
Work by:	Work by:
Drawn by: G. Wesa	Drawn by:
Date: November, 1998	Date:
Scale: 1:5000	

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 23

Geochemical analysis registered low background values for all elements tested; however, the area remains highly prospective with respect to the regional geology.

Geophysical Survey

Survey Description

Amerok Geosciences Ltd. of Whitehorse, Yukon completed a horizontal loop electromagnetic (HLEM) survey on a grid established over VMS-style massive sulphide mineralization intersected in four horizons in the second of two drill holes at the POLARIS Zone. A 650 x 200 metre cut and picketed grid was cut over this sulphide target by Bear Mountain Exploration Services Ltd. of Whitehorse.

A total of 3.54 km of lines was established consisting of a 200 metre baseline cut at 325°, roughly parallel to the NW-SE trending, steeply southwest dipping rhyodacite dyke, with five 650 metre cross lines cut at 055° azimuth. Survey stations were picketed at 25 metre intervals. The grid was plotted in idealized coordinates as no accurate topographic survey of line locations was performed. The HLEM survey was completed over 1.275 km of cross lines as a test survey to evaluate the effectiveness of HLEM methods in detecting and locating zones of sulphide mineralization at this site.

A two member crew, consisting of a crew chief and a technician, were provided along with equipment which comprised one Apex Parametrics MaxMin 1-10 with MMC and 50 m, 100 m and 150 m cables, a 486DX laptop computer and Ford F250 4x4 truck.

The HLEM survey was conducted according to the following specifications. Coil spacing was determined at 100 metres, station spacing was 25 metres and readings were recorded at six frequencies: 220Hz, 880Hz, 3520Hz, 7040Hz, 14080Hz and 28160Hz. Terrain corrections included slope chain method using oriented coils (ie. Tilt corrected in the field). Short coil errors introduced by irregular topography were removed during data processing.

A detail survey with coil spacing of 50 metres was performed over the conductor signature centered at 75E on line 50N determined in the 100 metre coil spacing survey. For this survey, 12.5 metre station intervals were used and an additional frequency (56000Hz) was added. This was performed to provide additional information to constrain the interpreted target geometry.

The data was recorded in the MMC data-logger during the surveys and downloaded to the laptop at the end of the day. Post acquisition data processing included the removal of terrain induced short coil errors using the Apex MMCFIX1 program.

Products appended to this report include stacked profile plots at 1:2500 scale, showing the in-phase and quadrature vertical component responses together with grid lines. Positive values plot above and negative values plot below the survey lines.

Discussion and Results

The data shows that higher frequencies above 7040Hz better illustrate the profiles. The negative responses correspond to a relatively flat lying massive sulphide body as indicated by the symmetrical profile. Peak negative values of the curve correlate with the apex of the body. The massive sulphide has no economic value, consequently no further work is recommended.

1998 DIAMOND DRILLING PROGRAM

During the period from June 3 to August 13, 1998, five angle diamond drill holes, totaling 1322 metres, were completed from five drill set-ups. Road building and drill site preparation commenced June 22, 1998 utilizing a Cat D7 bulldozer. Site preparation and diamond drilling was contracted to Caron Diamond Drilling Ltd. of Whitehorse. Mobilization of drill, supplies and crew was truck supported with vehicles supplied by Caron Diamond Drilling.

Drill core was delivered to base camp core logging facilities following each drill shift where it was logged and mineralized intervals were split, bagged and shipped for geochemical analysis to Acme Analytical Labs in Vancouver. Drill core remains stored in core storage facilities constructed at the campsite.

The purpose of the 1998 drill program was to test mineralized areas of the property that had been explored in past years and documented promising results. This drill program was designed to determine the mineralogy and nature of surface exposed quartz-sulphide veins at depth and evaluate their economic potential. A statistical summary of the drilling program is shown in Table 4. Drill core analytical results are presented in APPENDIX VI, drill logs are included in APPENDIX IX and drill hole cross sections are shown in APPENDIX X.

TAXI Zone

A single drill hole completed on the TAXI Zone, on the ERN 6 claim, produced encouraging results. This hole intercepted several quartz-sulphide veins including a previously undiscovered, well mineralized 4.28 metre quartz-sulphide breccia vein.

Diamond drill hole DDH98TZ-01 was collared on a set-up located 134 metres northwest of King Canyon on steep north facing slopes on the south side of Skukum Creek. This hole was collared at the 1445 metre elevation and was drilled at -50° on a bearing of 175° azimuth. The hole cored 487 metres and was planned to intersect the major King Canyon structure and several discontinuous, sub-parallel, limonitic quartz+/-carbonate-sulphide veins exposed on precipitous cliffs approximately 120 metres northwest of the surface projection of the Kuhn deposit and approximately 200 metres westerly from the Rainbow Zone. On surface, the TAXI veins appear as NE-SW trending, vertical to steeply northwest dipping, narrow veins and stringers.

TABLE 4**1998 DIAMOND DRILL HOLE SUMMARY**

<u>DDH</u>	<u>LOCATION</u> UTM Coordinate (Not Surveyed)	<u>ELEVATION</u> (m. a.s.l.) (Not Surveyed)	<u>ANGLE</u>		<u>AZIMUTH</u>	<u>TOTAL LENGTH</u> (m)	<u>CASING</u> (m)	<u>CORE RECOVERY</u> (%)	<u>DATE DRILLED</u>	
			Collar	Final					From	To
DDH98TZ-01	6671355N/447550E	1445	-50	-51	175	486.77	1.52	96.8	June 3	July 12
DDH98GE-01	6670506N/478163E	1260	-50	-46	330	350.52	8.53	98.3	July 17	July 22
DDH98BZ-01	6670335N/477930E	1296	-50	-41.5	005	206.35	18.29	89.0	July 26	Aug 1
DDH98PZ-01	6670920N/478475E	1262	-60	-56	340	83.8	5.49	71.5	Aug 2	Aug 5
DDH98PZ-02	6670876N/478530E	1220	-60	-58	356	194.46	9.75	87.1	Aug 6	Aug 13

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 26

This drill hole intersected 15 sulphide mineralized intercepts ranging from 10 cm up to 4.28 metres wide. Sulphide mineralization and quartz veining is associated with silicified and locally brecciated rhyolite dykes and altered andesite dykes hosted by sheared, crackle fractured, variably phyllic and propylitic altered hornblende granodiorite. This style of mineralization correlates closely with mineralization hosted in the Rainbow and Kuhn Zones.

The mineralized intersections observed in core were enriched with primarily iron sulphides (pyrite, pyrrhotite) with minor sphalerite, galena and trace chalcopyrite and arsenopyrite. Geochemical analysis of core samples recorded sub-economic values for precious metals and base metals (Table 5).

GOLDEN EAGLE Zone

The second hole in this program was drilled from a set-up prepared on a drill road established on the steep southerly facing flank of the ridge north of Berney Creek. DDH98GE-01 was collared at the 1260 metre elevation on the WH 8 claim and was drilled at -50° at an azimuth of 330° . This hole was positioned to intersect narrow shear hosted, gold-silver bearing sulphide mineralization exposed on rugged cliffs approximately 95 metres to the north.

Depth of this hole is 350.52 metres; lithologies intersected comprise quartz monzonite and hornblende granodiorite which locally hosts trace amounts of finely disseminated pyrite. A single 0.60 metre intercept, comprised of a 1.7 cm massive sulphide (pyrite) vein followed by 2-10% fine grained pyrite disseminated within granodiorite matrix, is encountered at the 224.65 metre depth in the hole. This hole failed to intersect anticipated multiple sulphide mineralized shear zones. Geochemical analysis of this core returned low values for all elements tested.

BONANZA Zone

DDH98BZ-01 was also drilled on WH-8 claim from a set-up prepared approximately 320 metres southwest, along the drill access road, from DDH98GE-01. This hole was collared at 1296 metres elevation at a point approximately 135-140 metres horizontally south of the surface exposure of the Bonanza shear structure. The hole was angled at -50° at an azimuth of 005° and was positioned to intersect the Bonanza shear structure at a depth of approximately 180-200 metres down hole.

No significant sulphide mineralization was encountered in this hole. Lithologies cored comprise hornblende granodiorite and quartz monzonite frequently intruded by andesite and dark green, strongly silicified, cryptocrystalline rhyolite dykes. A 16.63 metre horizon of banded biotite gneiss was intersected at 167.64 metres. This unit hosts 3.55 metres of weak sulphide mineralization associated with moderate to intense shearing and quartz-carbonate veining. Resultant analytical values were negligible for all elements tested. The gneissic unit is believed to represent mafic metavolcanic and metasedimentary (pelitic) rocks of the Nisling Formation of Paleozoic age. The hole was terminated at 206.35 metres in banded biotite gneiss.

TABLE 5: Core Geochemical Analysis – DDH98TZ-01

From	To	Core Length (m)	Ag(oz/t)	Au(oz/t)	Other	Remarks
65.32	65.71	0.39	.01	.008		2-4mm qz vnlet with py, sph, aspy, lim.
69.69	70.09	0.40	.06	.003		blue-grey qz replacement in Gd hosts 2-3% v.f.g. smokey grey sulf with minor galena & f. diss. pyrite.
74.56	78.84	4.28	.09	.001		silicified rhyolite with 5-8% pervasive, v.f. diss to patchy to f.f. py with trace ga, cpy; ckle-frac'd with f. py frags.
130.85	131.50	0.65	.07	.001		silicified, ckle-frac'd rhy, with trace to minor v.f.g. diss & f.f. py
191.44	191.97	0.53	.67	.020	1.16% Zn 0.14%Pb	qz veined/silica replacement in andes dyke; hosts 10-15% py, aspy, sph, ga
192.23	192.83	0.60	.03	.001		silica-flooded andesite with 3-5% py, sph.

194.16	194.91	0.75	.32	.002	0.50% Zn	silica-flooded & qz veined andes with up to 10-12% py-sph-aspy.
194.91	195.36	0.45	.12	.001	0.21% Zn	broken, blocky core
195.36	195.58	0.22	.27	.001	0.61% Zn	1.0-2.0 cm qz-carb veinlet hosting crse clots/aggregates & semi-massive py, sph with trace ga; 15-20% sulphides in veinlet.
195.88	195.98	(10cm)	.27	.001	0.90% Zn 0.37% Pb	1.5 cm qz-epidote vnlet with 12-15% diss to crse py, sph. with tr. ga.
198.84	198.94	(10cm)	.33	.017	0.32% Zn	7.0-8.0 cm qz vein with v. crse to semi-massive py, minor sph.
213.80	214.05	0.25	.15	.001	0.27% Zn 0.18% Pb	qz-flooded Gd with v.f.g. to semi-massive py, f.f. py & sph.
243.81	244.31	0.50	.02	.001		silica-flooded Gd with v.f.g. smokey to f.f. py. tr. cpy assoc. with brx'd 1.5cm qz-chl shear.
319.09	320.49	1.40	.02	.001		vuggy, chalcedonic brx'd qz vn with trace diss. py.
421.89	430.44	8.58	.02	.001		qz veined, propylitic altr'd Gd with tr py. to 2-3% py, cpy, sph assoc with qz-sulphide & qz-sulphide brx bands; sulfides hosted in Hanging Wall above fracture/fault zone.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 29

POLARIS Zone

Two drill holes were collared on the POLARIS Zone on the RACA 10 claim approximately 500 metres southeast of the 1300 Level portal of the Rainbow Zone. The target for these holes was shear hosted quartz-sulphide veins similar in style, mineralization and orientation to those hosting the Skukum Creek ore bodies.

DDH98PZ-01 was collared from a prepared set-up at the 1262 metre elevation and angled at -60° at 340° azimuth. This hole cored mainly intensely sheared, brecciated, crackle fractured and strongly phyllic to advanced argillic (pyrophyllite) altered granodiorite intruded by several rhyolite and andesite dykes and thin, recrystallized quartz veins. Granodiorite is also cut by several narrow fault zones marked by limonitic clay-pebble gouge and clay supported breccia.

A strongly crackle fractured, pyrophyllitic altered rhyolite dyke intersected at 69.82 metres hosts a 3.0 metre interval of 2-10% fine grained pyrite occurring as fracture fillings, stringers, coarse clots to aggregates, irregular patches and very fine smoky grey matrix replacement. Five core intervals were shipped for analysis; however, no anomalous precious metals values were detected. The hole was prematurely terminated at 83.8 metres due to loss of circulation caused by extremely broken ground.

A second hole, DDH98PZ-02, was collared approximately 65 metres to the southeast at the 1220 metre elevation on a former drill road. This hole was angled at -60° at 356° azimuth and positioned to intersect, at greater depth, mineralization encountered in PZ-01 plus the down-dip extension of surface mineralization.

This hole cored mainly shallow dipping, laminated to finely bedded, water-laid felsic to intermediate ash tuffs with minor rhyolite flows, brecciated and strongly altered granodiorite and feldspar porphyry. Drilling intersected four horizons of disseminated to semi-massive to massive pyritic sulphide mineralization hosted in layered tuffaceous sediments. These horizons measure 0.40-1.75 metres thick and occur at: 44.14-45.79 metres, 49.10-51.70 metres, 77.84-79.25 metres and 97.40-97.78 metres. Sulphides are associated with silica replacement of matrix within laminated tuffaceous beds. Sulphide content varies between 3-5% in disseminated form and 50 to >90% in massive silica-sulphide horizons. Geochemical analysis of mineralized intercepts returned low and insignificant precious and base metal values. The hole was terminated at 194.46 metres in propylitized feldspar porphyry cut by fine grained, dark green andesite dykes.

Discussion of Results

Five diamond drill holes were collared from five individual set-ups prepared with Cat D6 and D7 bulldozers. These sites were positioned with the objective of intersecting potentially favourable fault structures and shear zones hosting sulphide bearing quartz-carbonate+/-breccia veins. Strongly anomalous Au-Ag-base metal – in – rock analytical values were documented coincident with and aligned along the trend of these structures as a result of extensive surface geochemical sampling surveys.

DDH98TZ-01 cored 486.77 metres of altered, fractured and sheared hornblende granodiorite enclosing 15 sulphide mineralized intercepts ranging between 0.10-4.28 metres wide associated with silicified and locally brecciated, altered rhyolite and andesite dykes. Veins appeared well mineralized but returned sub-economic to background level precious metal values.

DDH98GE-01 cored 350.52 metres of quartz monzonite in the upper half and granodiorite/hornblende granodiorite in the lower half of the hole. Both plutonic suites are, in turn, intruded by several andesite dykes and lesser rhyolite dykes. A single, 1.7 cm massive sulphide stringer was intersected; however, assays on this interval returned negligible values for base and precious metals.

DDH98BZ-01 cored 206.35 metres of mainly hornblende granodiorite cut by several andesite dykes with minor monzonite, brecciated monzonite and banded biotite gneiss at the bottom of the hole. This latter sequence contained a weakly sulphide mineralized, 3.55 metre quartz-carbonate veined interval; however, no anomalous analytical values are documented. Drilling failed to detect the down-dip extension of this target and it is believed the Bonanza structure pinches out at this depth.

The combined footage drilled at the POLARIS Zone totals 278.26 metres in two holes. These holes were planned to intersect a gold-silver bearing quartz breccia vein exposed in a surface road cut. Previous drilling, during 1985, resulted in the discovery of mineralization within a possible skarn unit developed adjacent to an andesite dyke intruding Tantalus Formation. DDH85-22, drilled at approximately 270° azimuth, returned a weighted average of 0.022 oz/t Au and 12.41 oz/t Ag over 3.87 metres. In addition, coarse sphalerite with minor galena was identified in a white marble unit.

DDH98PZ-01 cored intensely altered and fractured granodiorite enclosing rhyolite and andesite dykes and thin recrystallized quartz veins; DDH98PZ-02 cored mainly laminated to finely bedded tuffaceous sediments and associated pyroclastics with minor rhyolite flows and altered granodiorite and feldspar porphyry at the bottom of the hole. Four horizons of semi-massive to massive sulphide (pyritic) mineralization were intersected within the tuff unit. Geochemical analysis of mineralized core samples yielded low values for all elements tested.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 31

Drill log data indicates that very complex geology and structure underlies the area bounded by Skukum Creek and Berney Creek. The style of mineralization encountered in PZ-02 has not previously been identified in this region and may be classified as VMS type (volcanogenic massive sulphide) reflecting association with felsic volcanic sediments.

CONCLUSIONS

Geological mapping and diamond drilling during the 1998 field season confirms that the bedrock in the areas examined between Skukum and Berney Creeks comprises mainly variably altered hornblende granodiorite and quartz monzonite. These lithologies have been intruded by Eocene andesite and rhyolite dykes which are emplaced along zones of weakness such as lithological contacts and fault structures.

Several gold-silver bearing quartz-carbonate-limonite-clay+/-sulphide veins appear to have a spatial relationship with the hypabyssal dykes. Mineralization appears coeval with dyke emplacement as indicated by sulphide replacement of andesite and/or rhyolite matrix, interfingering of sulphides with dykes and the presence of mineralized, multilithic breccias with the veins.

The most significant vein hosted mineralization located on the property during this program is the 15 silica-sulphide intercepts cored at the TAXI Zone. Diamond drilling at this location served to verify the downward extension of the TAXI Zone veins. On surface, mineralization appears to occur as high grade shoots, or lenses, within a fairly continuous but narrow shear system. The metallic mineralogy of these veins consists of coarse pyrite, arsenopyrite, galena, stibnite, minor sphalerite, chalcopyrite and magnetite. The presence of multiple shears and silicified andesite and rhyolite dykes observed on surface and in core provides favourable conditions prerequisite for solutions to migrate upward. Silicification and limonite alteration at surface appears to be important indicators of this process.

In core, individual veins appear to be hosted in pervasively weak to moderately phyllic to propylitic altered granodiorite with the degree of alteration, and brecciation of the wallrock, becoming stronger adjacent to the veins. Economic sulphides are lacking at the depth drilled; mineralizing fluids migrating up fractures possibly were unable to deposit precious metals because favourable chemical and/or physical conditions on gold and silver deposition may have been very restricted in the vertical plane. The orientation of the silica-sulphide veins and associated mineralized andesite and rhyolite dykes, along a northwest trend between the King Canyon fault structure and the major shear hosted Rainbow and Kuhn Zones; however, indicates the presence of a local zone of weakness favourable for the emplacement of economic mineralized veins.

Similar dykes, alteration patterns, limonitic breccia zones and anomalous lithogeochemistry identified in fractured granodiorites west of King Canyon suggests that several additional mineralized zones may be discovered.

SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 32

The geological environment underlying the POLARIS Zone is very complex lithologically and structurally; however, the existence of three styles of mineralization indicates this area possesses the potential to host significant reserves of economic precious metals mineralization.

Other positive indicators include quartz breccia veins associated with altered andesite and rhyolite hypabyssal dykes similar to and on strike with the mineralized Rainbow and Kuhn Zones. Mineralized vein occurrences in the POLARIS area may be associated with faults and lineaments which are extensions, or "splays", off the main Berney Creek Fault. Wall rock, including andesite and rhyolite dykes, exposed in outcrop and along road cuts exhibits very intense hydrothermal alteration characterized by advanced argillic, pyrophyllitic stockwork and phyllic alteration facies.

The anticipated GOLDEN EAGLE and BONANZA veins were not encountered in core and apparently are truncated by dykes or displaced by dyke related faults.

Limited mapping, prospecting and grid controlled soil sampling was completed over the Alunite Cap and areas of intense hydrothermal alteration of felsic to intermediate volcanics. On the Alunite Cap, alteration is dominated by pyrophyllite-kaolinite, alunite and silica. The alunite-pyrophyllite alteration facies is characteristic of epithermal style alteration and indicates relatively high temperature of formation associated with high level volcanics. This alteration facies occurs within the zone of oxidation in an epithermal system and represents acid leaching of the host volcanics. Wall rock above this level is typically pervasively silicified and/or opalized and commonly brecciated; below the alunite zone, hydrothermal breccias, vein stockworks and replacement ore deposits may be found in the pyritic (precious metal) zone.

Although analytical results were low for elements tested in the soil and lithogeochemical survey, this area remains highly prospective for the discovery of a potentially economic epithermal style precious metal deposit.

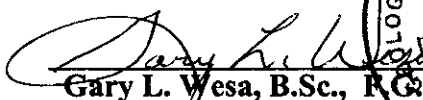
RECOMMENDATIONS

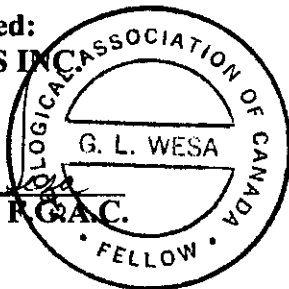
On the basis of the discussion and conclusions of the 1998 Skukum Creek program, a proposed exploration program is warranted to better define the trend, the dimensions, the grade and the controlling factors of mineralization. It is recommended the program consist of the following:

1. Detailed geological mapping, prospecting and lithogeochemical sampling over the TAXI Zone West to accurately determine the relationship of precious metals values to structure.
2. Detailed and systematic chip sampling across fault zones, dykes and altered plutonic suites to better define the continuity and grade of mineralization at the TAXI Zone West and POLARIS Zone.
3. Limited bulldozer trenching in the area of the POLARIS Zone to expose structures and potential mineralization currently masked by overburden and vegetation.
4. Contingent on favourable results from trenching and the geological and geochemical surveys conducted on the TAXI Zone, drilling on an exploratory basis is recommended within anomalous areas along, and perpendicular to, strike of identified structures.
5. Additional field reconnaissance work on the Alunite Cap in the form of detailed mapping to determine the structural setting, wall rock alteration patterns, location of heat centres, boiling zones, metal concentrations in the system and position in the system.
6. Geophysical survey over the cap, utilizing ground magnetics, EM, radiometrics and seismic methods, to identify structure and alteration.
7. Additional rock and soil geochemical surveys over the cap to identify trace element anomalies and show target halos.
8. Continued geological mapping, prospecting and sampling over other target areas of the property. Diamond drilling is recommended contingent upon the generation of favourable results from this initial reconnaissance.

Respectfully Submitted:

OMNI RESOURCES INC.


Gary L. Wesa, B.Sc., F.G.A.C.



SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 34

REFERENCES

- Baril, J., Brennan, J. (1989):** 1988 Progress Report on the Skukum Creek Property, Whitehorse Mining District, Yukon Territory, for Omni Resources Inc.
- Forster, C. N., Hulstein, R. W., Keyser, H. J. (1986):** Report on the Skukum Creek Property, Whitehorse Mining District, Yukon Territory, Assessment Report for Omni Resources Inc. by Aurum Geological Consultants Inc.
- Hart, C. J. R. and Radloff, J. K. (1990):** Geology of Whitehorse, Alligator Lake, Fenwick Creek, Carcross and part of Robinson Map Areas (105D/11, 6, 3, 2 and 7), Indian and Northern Affairs Canada: Yukon Region, O. F. 1990-4.
- Hart, C. J. R. (1991):** Skukum Creek (Mt Reid, Berney Creek), Yukon Exploration, 1991.
- Montgomery, A. (1987):** Assessment Report on the Skukum Creek Property, Whitehorse Mining District, Yukon Territory, for Yukon Economic Development, Mines and Small Business.

**SKUKUM CREEK PROJECT
ASSESSMENT REPORT 1998
PAGE 35**

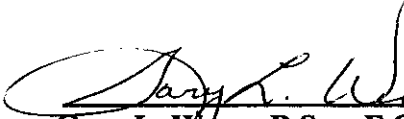
STATEMENT OF QUALIFICATIONS

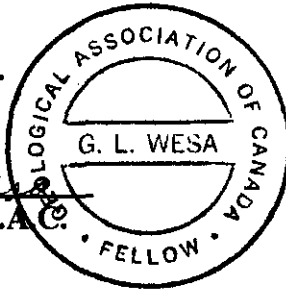
I, Gary L. Wesa, of #309 – 6669 Telford Avenue, in the City of Burnaby, B.C., do hereby certify that:

1. I am presently employed as Project Geologist to OMNI RESOURCES INC. with offices at #910 – 700 West Pender Street, Vancouver, British Columbia.
2. I am a graduate of the University of Saskatchewan with a B.Sc. Degree in Geology (1974) and I have practiced my profession continuously since graduation.
3. I have been employed in mineral exploration in Canada, U.S.A. and Brazil since 1970.
4. I am a registered Fellow, in good standing, of the Geological Association of Canada.
5. I am familiar with the geology of the Mount Skukum Volcanic Complex and surrounding area.
6. I am the author of this report, entitled: "Geological, Geochemical, Geophysical and Diamond Drilling Report on the Skukum Creek Property", which is based upon researched documents, referenced in this report, and supervision of the 1998 field program.

Dated at Vancouver, British Columbia this 27 day of November, 1998.

**Respectfully Submitted:
OMNI RESOURCES INC.**


Gary L. Wesa, B.Sc., F.G.A.C.



APPENDIX I

Itemized Cost Statement

ITEMIZED COST STATEMENT
Skukum Creek - Omni Resources

Totals

Drilling Costs

Diamond Drilling (June 3rd - August 13, 1998)

Caron Diamond Drilling Ltd.

Taxi (DDH98TZ-01) Drilling Charges	\$ 54,145.21
Golden Eagle Zone (DDH98GE-01) Drilling Charges	\$ 29,010.50
Bonanza Zone (DDH98BZ-01) Drilling Charges	\$ 28,792.00
Polaris Zone (DDH98PZ-01) Drilling Charges	\$ 10,042.00
Polaris Zone (DDH98PZ-02) Drilling Charges	\$ 34,918.65
Drill Demob	\$ 700.00

\$ 157,608.36

Advanced Road Construction (CAT D-7)

\$ 17,891.74

Project Personnel

G. Wesa (Project Geologist)	\$ 14,316.30
T. Elliott (Senior Geologist)	\$ 6,799.85
W. Mann (Geologist)	\$ 1,123.50
B. Sauer (Field Assistant)	\$ 6,804.89
T. Johnson (Junior Geologist)	\$ 5,224.02
R. Michel (Field Assistant)	\$ 3,658.93
4 Line Cutters from Bear Mountain Exploration Services	\$ 3,955.00

\$ 41,882.49

Geophysical Survey

Amerok Geosciences Ltd.

\$ 1,792.25

Geochemical Analysis

Rock Samples	56 @ \$23.75/Sample	\$ 1,330.00
Soil Samples	164 @ \$18.00/Sample	\$ 3,158.64
Drill Core Samples	53 @ \$23.75/Sample	\$ 1,258.75

\$ 5,747.39

Field Expenses

Camp/Office Supplies & Tools	\$ 4,909.69
Communication/Satellite Phone	\$ 2,776.12
Equipment Rental	\$ 462.84
Freight/Shipping	\$ 1,084.55
Fuel (Diesel, Gasoline, Propane)	\$ 4,228.22
Groceries/Food Supplies	\$ 3,800.98
Maintenance/Repairs	\$ 5,763.88
Recording & Assessment	\$ 969.16
Travel/Airfair	\$ 6,326.27

\$ 30,321.71

Office Costs

Salaries

G. Wesa	\$ 6,000.00
Post field, drafting, reproductions	\$ 200.00

Total Expenditures

\$ 261,443.94



APPENDIX II

Summary of Personnel

Summary of Personnel

<u>NAME</u>	<u>TITLE</u>	<u>ADDRESS</u>
Gary L. Wesa	Project Geologist	Burnaby, B. C.
Terry Elliott	Geologist	New Westminster, B. C.
Brian Sauer	Prospector	Whitehorse, Y. T.
Trent Johnson	Geologist	Kelowna, B. C.
Rod Michel	Field Assistant	Port Coquitlam, B. C.

APPENDIX III

Analytical Procedure

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6

Telephone: (604) 253-3158 Fax: (604) 253-1716

METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D - 30 ELEMENT ICP BY AQUA REGIA

Sample Preparation:

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients request, moss mats can be ashed at 550°C then sieved to -80 mesh although this can result in the potential loss by volatilization of Hg, As, Sb, Bi and Cr. A 0.5 g split from each sample is placed in a test tube. A duplicate split is taken from 1 sample in each batch of 34 samples for monitoring precision. A sample standard is added to each batch of samples to monitor accuracy.

Sample Digestion:

Aqua Regia is a 3:1:2 mixture of ACS grade conc. HCl, conc. HNO₃ and demineralized H₂O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hour in a boiling hot water bath (95°C).

Sample Analysis:

Sample solutions are aspirated into an ICP emission spectrograph (Jarrel Ash Atom Comp model 800 or 975) for the determination of 30 elements comprising: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Data Evaluation:

Raw and final data from the ICP-ES undergoes a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B.C., Canada V6A 1R6

Telephone: (604) 253-3158 Fax: (604) 253-1716

METHOD FOR WET GEOCHEM GOLD ANALYSIS

Sample Preparation:

Soils and sediments are dried (60°C) and sieve to -80 mesh.

Rocks and cores are crushed and pulverized to -100 mesh.

Sample Digestion

1. 10g samples in 250 ml beaker, ignite at 600°C for four hours.
2. Add 40 ml of 3:1:2 mixture HCL:HNO₃:H₂O.
3. Cover beaker with lids.
4. Boil in hot water bath for one hour.
5. Swirl samples 2 to 3 times within the hour.
6. Cool, add 60 ml of distilled water and settle.
7. Pour 50 ml of leached solution using a graduated cylinder into 100 ml volumetric flask.
8. Add 10 ml of MIBK and 25 ml of distilled water.
9. Shake 3 to 4 minutes in shaker.
10. Add additional 25 ml of distilled water to stripe out excess iron.
11. Shake each flask 10 times.
12. Pour MIBK into container for graphite AA finished.

Acme Analytical Laboratories Ltd.
Assaying & Trace Analysis

Method and Specifications for Analytical Package
Group 1F & 1G – Ultratrace ICP Analysis

Comments

Sample Preparation

Soils and sediments are dried (60°C) and sieved to -80 mesh (-177 microns), rocks and drill core are crushed and pulverized to -100 mesh (-150 microns). Plant samples are dried (60°C) and pulverized or dry ashed (550°C). Moss-mat samples are dried (60°C), pounded to loosen trapped sediment then sieved to -80 mesh. At the clients' request moss mats can be ashed at 550°C then sieved to -80 mesh with possible loss of Hg, As, Sb, Bi and Cr by volatilization. Splits of 5 g (Group 1G), 15 or 30 g (Group 1F) are weighed into test tubes or beakers. Precision is monitored by duplicate split taken from 1 sample in each batch of 34 samples. Accuracy and measurement process are monitored by reference material STD-D2 added to each batch of samples.

Sample Digestion

Aqua Regia is a 2:2:2 mixture of ACS grade conc. HCl, conc. HNO₃, and demineralized H₂O. Aqua Regia is added to each sample and to the empty reagent blank test tube in each batch of samples. Sample solutions are heated for 1 hr in a boiling hot water bath (95°C).

Extraction

A 30 ml aliquot of the sample solution is extracted using an organic extract (Aliquat 336 and MIBK).

Sample Analysis

An aliquot of the acid sample solution is analysed by direct aspirating into an ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the analysis of: Al, B, Ba, Ca, Co, Cr, Fe, K, La, Mg, Mn, Na, Ni, P, Sr, Th, Ti, U, V, W and Zn. The extracted sample solution is aspirated into an ultrasonic nebulizer equipped ICP emission spectrograph (Jarrel Ash AtomComp model 975) for the determination of Ag, As, Bi, Cd, Cu, Ga, Mo, Pb, Sb, Se, Te and Tl. Au included in package Group 1F only, is determined by wet extraction and GFAA analysis (Group 3A). Hg is determined by cold vapour AA analysis (Group IC)

Data Evaluation

Raw and final data from the analytical undergo a final verification by a British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

Acme Analytical Laboratories Ltd.
Assaying & Trace Analysis

Methods and Specifications for Analytical Package
Group 7-15 Element Assay by ICP-Emission Spectrometry

Comments

Sample Preparation

Assaying is recommended for samples containing very high concentrations of commodity or pathfinder elements (ie. > 1%). Soils and sediments are sieved to minus 80 mesh (-177 microns). Rocks are crushed to 75% minus 10 mesh (-1.7 mm), a 250 g sub-sample is riffle splitted then pulverized to 95% minus 100 mesh (-150 microns). Reject duplicate and pulp duplicate splits are taken from one sample in every 34 to monitor sub-sampling variation due to sample inhomogeneity (reject split) and analytical precision (pulp split). Into 100 ml volumetric flasks are placed 1.000 ± 0.002 g splits of pulp (0.25 g / ml or 0.25 g / 250 ml weight to volume ratios may be used for very high grade samples). In each batch of 34 samples, in-house reference material STD R-1 and a blank are carried through weighing, digestion and analysis to monitor accuracy.

Sample Digestion

Into each flask is added 30 ml of Aqua Regia (2:2:2 ACS grade conc. HCl, conc. HNO₃ and demineralized H₂O). Sample solutions are heated for 1 hour in a boiling water bath (95°C) then cooled for 3 hours. Dilute HCl (5%) is added to bring the volume to the 100 ml mark.

Sample Analysis

Sample solutions are aspirated into and ICP emission spectrograph (Jarrel Ash AtomComp model 800 or 975) for the determination of Ag, As, Bi, Cd, Co, Cu, Fe, Mn, Mo, Ni, Pb, Sb, ITh, U and Zn.

Data Evaluation

Raw and final data from the ICP-ES undergoes a final verification by the British Columbia Certified Assayer who then signs the Analytical Report before it is released to the client. Chief Assayer is Clarence Leong, other certified assayers are Dean Toye and Jacky Wang.

APPENDIX IV

Rock Geochemical Lab Reports

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802232

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: G.I. Wesa

SAMPLE#

Mo	Cu	Pb	Zn	Ag**	Ni	Co	Mn	Fe	As	U	Th	Cd	Sb	Bi	Au**
%	%	%	%	oz/t	%	%	%	%	%	%	%	%	%	%	oz/t

SKUKUM Creek
+
Ridge Trenches

98SKUWR-01	.001	.004	<.01	.02	.04	.001	.001	.21	3.15	<.01	<.01	<.01	<.001	<.001	<.001
98SKUWR-02	.001	.078	1.13	.11	49.85	.001	<.001	<.01	.95	.52	<.01	<.01	.016	.927	<.01
98SKUWR-03	.001	.032	1.85	.03	41.65	.001	<.001	.01	6.04	1.67	<.01	<.01	.012	.947	<.01
98SKUWR-04	.001	.001	.01	<.01	.66	.001	<.001	.08	.32	.01	<.01	<.01	<.001	.006	<.01
98TZMR-01	.003	.015	.54	.22	.80	.001	<.001	.09	5.37	1.31	<.01	<.01	.011	.005	<.01

TAXI ZONE

98TZMR-02	.001	.021	.30	.68	3.64	.002	<.001	.06	3.19	1.04	<.01	<.01	.014	.009	<.01
98TZMR-03	.020	.090	2.07	.15	6.35	.002	<.001	.03	6.33	.05	<.01	<.01	.003	.003	.01
98TZMR-04	.287	.019	.95	.13	3.10	.001	.001	.01	6.64	6.18	<.01	<.01	.002	.019	<.01
98TZMR-05	.003	.056	2.19	.22	6.02	.001	<.001	.01	10.96	10.29	<.01	<.01	.004	.013	<.01
98TZMR-06	.002	.146	11.78	1.35	115.33	.002	<.001	.01	5.82	3.46	<.01	<.01	.027	.123	<.01

98TZMR-07	.004	.090	2.63	.98	19.65	<.001	.001	.01	7.82	5.59	<.01	<.01	.026	.027	<.01
RE 98TZMR-07	.004	.089	2.59	.97	20.33	.001	.001	.01	7.77	5.54	<.01	<.01	.026	.026	<.01

DENERO ZONE

98DENMR-01	.004	.012	.35	.06	.95	.001	.001	.09	2.65	.15	<.01	<.01	.001	.001	<.01
98DENMR-02	.018	.054	1.54	.09	1.74	.003	.001	.15	7.12	.72	<.01	<.01	.001	.001	<.01
98DENMR-03	.011	.027	.43	.17	4.05	.002	.001	.19	6.19	.13	<.01	<.01	.001	.002	<.01

GOLDEN EAGLE
ZONE

98GEMR-01	.001	.002	.01	<.01	.03	<.001	<.001	.02	1.56	.01	<.01	<.01	<.001	.001	<.01
98GEMR-02	.001	.001	.01	.01	.45	.001	.001	.14	2.60	.02	<.01	<.01	<.001	<.001	<.01
98GEMR-03	.002	.016	.56	.71	2.49	<.001	.001	.10	4.21	.07	<.01	<.01	.013	.001	<.01
98GEMR-04	.003	.018	1.25	.49	6.89	.001	.001	.09	6.43	.08	<.01	<.01	.007	<.001	<.01
98GEMR-05	.107	.076	6.21	.16	9.64	.001	<.001	.01	5.19	<.01	.01	<.01	.002	.001	<.01
98GEMR-06	.042	.041	.97	.09	1.43	.002	<.001	.02	3.59	.01	<.01	<.01	.001	<.001	<.01
98GEMR-07	.003	.026	.69	.05	2.81	.001	<.001	.01	1.41	<.01	<.01	<.01	.001	.001	<.01
98GEMR-08	.070	.025	2.44	.07	4.61	.001	<.001	.03	4.50	.04	<.01	<.01	.001	.002	<.01
STANDARD R-1/AU-1	.088	.833	1.30	2.25	2.94	.025	.025	.08	6.46	.93	.01	.01	.045	.167	.03

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: ROCK

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 16 1998 DATE REPORT MAILED: Jun 22/98 SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802493

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
98GEWR-01	.001	.023	.52	.16	.82	<.001	<.001	.02	1.72	<.01	<.01	<.01	.003	.001	<.01	.076
98GEMR-09	.025	.059	.50	.07	5.61	<.001	<.001	.01	2.63	.01	<.01	<.01	<.001	<.001	<.01	2.932
98GEMR-10	.020	.004	.16	.03	.38	<.001	<.001	<.01	1.97	.01	<.01	<.01	<.001	.001	<.01	.071
98GEMR-11	.038	.067	5.64	.03	17.83	<.001	<.001	<.01	5.45	.25	<.01	<.01	<.001	.001	<.01	10.429
98GEMR-12	.005	.035	3.86	.02	28.35	<.001	<.001	.01	2.61	.13	<.01	<.01	<.001	.002	<.01	6.805
98GEMR-13	.087	.013	.68	.05	2.89	.001	<.001	.01	1.98	.02	<.01	<.01	.001	.001	<.01	1.901
98GEMR-14	.004	.010	.19	.02	.46	<.001	<.001	.01	1.23	.01	<.01	<.01	<.001	.001	<.01	.059
RE 98GEMR-14	.004	.009	.19	.02	.48	.001	<.001	.01	1.23	.01	<.01	<.01	<.001	.001	<.01	.051
98GEMR-15	.002	.007	.13	.08	.26	<.001	<.001	.08	1.51	<.01	<.01	<.01	.001	.001	<.01	.056
98MTRMR-01	.002	<.001	.01	<.01	.03	<.001	<.001	.05	2.21	<.01	<.01	<.01	<.001	<.001	<.01	.004

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: ROCK

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 29 1998 DATE REPORT MAILED: July 13/98 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802765

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary L. Wesa

SAMPLE# (ROCK)	Mo %	Cu %	Pb %	Zn %	Ag** % oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** % oz/t
98ACBR-01 ALUNITE	<.001	.002	<.01	<.01	.01	<.001	.001	.03	9.91	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACWR-01 CAP	<.001	<.001	<.01	<.01	.02	<.001	<.001	<.01	.23	<.01	<.01	<.01	<.001	.001	<.01	<.001
98BEKJR-01 BECKER	<.001	<.001	.01	.01	<.01	.001	<.001	.26	1.69	<.01	<.01	<.01	<.001	.001	<.01	.001
98DENWR-01	.007	.001	<.01	<.01	.03	<.001	<.001	.01	1.46	<.01	<.01	<.01	<.001	<.001	<.01	<.001
RE 98DENWR-01 DENERO	.007	<.001	<.01	<.01	.04	<.001	<.001	<.01	1.46	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98SCER-01 SINTER	.001	<.001	<.01	<.01	.01	.001	<.001	<.01	.31	<.01	<.01	<.01	<.001	.001	<.01	.003
98SCER-02 CAP	.004	.014	<.01	.02	.01	.002	<.001	.03	16.95	.01	<.01	<.01	<.001	.004	<.01	<.001
98SCMR-01	.001	.001	<.01	.01	.02	.002	<.001	<.01	8.29	<.01	<.01	<.01	<.001	.001	<.01	<.001
STANDARD R-1/AU-1	.087	.835	1.28	2.23	2.94	.025	.025	.08	6.51	.95	.01	.01	.044	.167	.03	.099

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: ROCK

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 10 1998

DATE REPORT MAILED:

July 15/98

SIGNED BY:

C. H.

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9803018

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
POLARIS ZONE																
98POLWR-01	.001	.087	.01	.05	.22	.001	.001	.10	4.35	<.01	<.01	<.01	<.001	<.001	<.01	.001
98POLWR-02	.002	.009	.01	.01	.01	.001	.001	.16	9.72	.04	<.01	<.01	<.001	.001	<.01	.002
98POLER-01	.041	.413	1.72	.21	1.22	.001	.001	.04	4.98	<.01	<.01	<.01	.001	.001	<.01	.004
98ACERFL-01	.001	.004	.01	<.01	.01	<.001	<.001	<.01	.26	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACERFL-02	.001	.003	.01	.01	<.01	<.001	<.001	.02	2.48	<.01	<.01	<.01	<.001	<.001	<.01	.001
98ACERFL-04	.001	.001	<.01	<.01	<.01	<.001	<.001	<.01	.63	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACERFL-06	.001	.002	<.01	<.01	<.01	<.001	<.001	.01	.41	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACER-03	.001	.001	<.01	<.01	<.01	<.001	<.001	<.01	.52	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACER-05	.001	.004	<.01	<.01	.03	<.001	<.001	<.01	.48	<.01	<.01	<.01	<.001	<.001	<.01	.001
RE 98ACER-05	.001	.003	<.01	<.01	.03	<.001	<.001	<.01	.47	<.01	<.01	<.01	<.001	<.001	<.01	.001
ALUNITE																
98ACSR-01	.001	.001	<.01	.01	<.01	<.001	.001	.19	4.37	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACSR-02	.001	.001	<.01	.01	<.01	<.001	.001	.13	4.45	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACSR-03	.001	.002	<.01	.01	<.01	<.001	<.001	.04	1.87	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACSR-04	.001	.001	<.01	<.01	.01	<.001	.001	.20	2.63	<.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACSR-05	.001	.001	<.01	<.01	.01	<.001	<.001	<.01	5.20	.01	<.01	<.01	<.001	<.001	<.01	<.001
98ACSR-06	.001	.002	<.01	.01	.02	<.001	.001	.18	6.14	<.01	<.01	<.01	<.001	<.001	<.01	.001
STANDARD R-1/AU-1	.087	.840	1.31	2.22	2.92	.024	.025	.08	6.34	.95	.01	.01	.045	.169	.03	.095

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: ROCK

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 23 1998

DATE REPORT MAILED:

Aug 4/98

SIGNED BY: D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources PROJECT SINTER CAP-CARBON HILL File # 9803075

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
SINTER CAP 98SCBR-01	.001	.014	.15	2.26	2.02	<.001	.001	.09	.74	<.01	<.01	<.01	.039	<.001	.01	.002
98SCBR-02	.001	.012	.63	.32	.53	<.001	.001	.10	1.88	<.01	<.01	<.01	.002	<.001	<.01	<.001
98SCBR-03	.002	.366	.04	.08	.45	<.001	.001	.10	1.74	<.01	<.01	<.01	.001	.002	<.01	<.001
98SCBR-04	.005	3.921	.44	6.12	4.40	.002	.003	.02	6.66	<.01	<.01	<.01	.055	.001	.01	.001
RE 98SCBR-04	.005	3.818	.43	5.93	4.28	.002	.003	.02	6.46	<.01	<.01	<.01	.053	.001	.01	.001
98SCBR-05	.001	.013	<.01	.03	.03	.001	.001	.13	5.30	<.01	<.01	<.01	<.001	.001	<.01	<.001
Rock 98BONWR-01 BONANZA	.001	.022	.83	.06	1.18	<.001	<.001	.04	2.38	<.01	<.01	<.01	.001	<.001	<.01	.565
STANDARD R-1/AU-1	.087	.845	1.33	2.26	3.01	.022	.025	.08	6.50	.97	.01	.01	.045	.168	.03	.098

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM I.A.T. SAMPLE.

- SAMPLE TYPE: ROCK

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 27 1998

DATE REPORT MAILED:

Aug 6/98

SIGNED BY:

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE

Omni Resources Inc. PROJECT SKUKUM CREEK File # 9803880

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: G.L. Wesa



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** oz/t
98TRWR-01	3	274	9	81	.4	5	8	468	2.71	2	<8	<2	10	44	.8	<3	<3	42	1.82	.052	25	12	.62	411	<.01	<3	.98	.04	.15		2<.001
98TRWR-02	32	34	11	66	<.3	4	5	460	2.32	3	<8	<2	9	60	.6	<3	<3	15	2.60	.045	17	8	.26	548	<.01	6	.61	.06	.18		<2<.001
98TRWR-03	2	52	15	42	.5	1	1	103	1.84	<2	<8	<2	10	4	.5	5	<3	1	.04	.007	22	5	.01	91	<.01	<3	.52	<.01	.33		5<.001
98TRWR-04	4	151	4	65	.6	1	2	227	1.63	<2	<8	<2	9	3	<.2	4	<3	1	.01	.005	24	3	.01	64	<.01	5	.42	.01	.35		<2<.001
98TRWR-05	13	1039	84	76	67.3	1	8	141	3.91	110	<8	<2	9	3	1.0	3	124	1	.01	.005	24	3	.01	97	<.01	<3	.74	.01	.45		<2 .002
98TRWR-06	6	304	60	52	1.3	5	2	141	1.05	4	<8	<2	5	3	<.2	<3	6	1	.01	.003	24	7	.01	114	<.01	<3	.53	.06	.15		<2<.001
RE 98TRWR-06	6	303	58	51	1.0	2	2	139	1.05	3	<8	<2	5	3	.2	4	<3	1	.01	.004	25	7	.01	110	<.01	<3	.54	.06	.15		<2<.001
STANDARD C3/AU-1	24	66	37	162	5.4	36	12	759	3.17	57	15	3	20	29	23.3	19	19	76	.52	.088	18	160	.58	157	.08	16	1.86	.04	.15	17	.096
STANDARD G-2	2	3	4	40	<.3	5	4	494	1.78	2	<8	<2	4	69	<.2	<3	<3	37	.57	.094	7	69	.56	223	.12	<3	.94	.07	.47		<2<.001

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** BY FIRE ASSAY FROM 1 A.T. SAMPLE.

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 1998

DATE REPORT MAILED:

Sept 10/98

SIGNED BY: C. Leong, J. Wang; CERTIFIED B.C. ASSAYERS

APPENDIX V

Soil Geochemical Lab Reports

AA
LL

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

AA
LL

Omni Resources PROJECT SKUKUM CREEK File # 9802231

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: G.L. Wesa

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
98SKUMS-01 Ridge Soil	<.1	55.5	1717.5	151.9	51353	8	7	541	2.82	937.5	5	12	43	<.01	384.9	<.2	43	.28	.054	15	16	.51	362	.05	<3	1.29	.01	.18	<2	<.2	540	<.3	<.2	<.5	591
98GEMS-01	19.9	59.0	101.5	82.6	1722	6	12	610	8.96	22.7	7	46	264	.38	3.6	1.0	54	.22	.140	21	7	.83	427	.04	<3	1.58	.08	.26	3	<.2	85	2.6	.2	6.4	13
98GEMS-02 Golden Eagle	2.6	39.3	41.4	71.9	933	5	11	1214	2.60	7.2	<5	17	112	.67	.5	.5	33	1.99	.062	16	6	.98	671	.01	<3	1.68	.01	.15	<2	<.2	15	.4	<.2	3.4	15
98GEMS-03	38.4	303.7	13667.7	11125.2	99999	10	31	2355	13.29	16205.6	8	11	34	414.40	22.5	7.9	13	.66	.031	13	14	.60	513	<.01	<3	1.12	.01	.07	<2	2.4	850	<3	<2	<5	32000
98GEMS-04	237.3	668.5	20630.2	6189.4	99999	50	31	3649	12.04	649.5	7	17	59	131.94	16.9	4.0	60	1.61	.098	17	64	1.47	223	.04	<3	1.95	.01	.10	<2	3.7	1180	<3	<2	8.8	8500
98GEMS-05	1933.4	982.4	22311.0	7561.9	99999	68	48	6959	14.16	423.9	59	15	68	64.22	15.0	<2	54	.52	.163	28	65	1.13	286	<.01	<3	1.91	.03	.13	<2	3.2	1040	<3	<2	8.8	27000
98TZMS-01	102.8	588.1	13327.7	5686.0	97738	15	16	2429	11.97	57913.1	14	19	586	409.72	25.4	20.5	52	1.11	.103	19	24	.76	437	.01	<3	1.90	.01	.18	10	2.1	670	<3	<2	9.0	30000
RE 98TZMS-01 TAXI	88.8	562.6	12570.9	5272.9	92450	14	15	2191	11.37	52772.3	13	17	554	386.75	29.5	16.9	48	1.06	.097	17	20	.69	403	<.01	<3	1.75	.01	.17	9	3.0	700	<3	<2	8.8	28000
98TZMS-02	44.5	384.1	2483.1	7799.1	69902	15	19	2406	12.33	24986.9	12	13	250	241.87	38.0	16.5	23	.84	.075	23	16	.42	127	<.01	<3	1.63	.01	.16	<2	<2	340	<3	<2	5.3	4300
98TZMS-03	485.5	1724.4	20714.4	3373.8	99999	7	8	1284	8.03	761.3	8	13	83	50.85	27.8	90.1	30	.37	.122	22	18	.37	88	<.01	<3	1.20	.02	.26	<2	3.7	690	<3	<2	8.8	962
98TZMS-04	12.6	477.4	12962.7	4546.0	99999	4	12	771	29.11	99999.0	24	4	729	262.22	46.8	3.2	54	1.43	.040	3	14	.25	23	.01	<3	.87	.01	.07	<2	2.0	630	<3	<2	<5	15000
STANDARD D2/C3/AU-S	24.3	123.4	100.0	259.5	1913	31	16	1062	4.32	75.4	20	22	55	2.02	9.3	20.8	71	.71	.109	13	54	1.10	258	.12	30	2.31	.04	.68	15	2.2	1073	.6	1.8	6.4	47

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 16 1998 DATE REPORT MAILED: Jan 23/98 SIGNED BY: J. V. ... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802494
910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
98GEMS-06	188.8	545.5	17321.8	1313.0	99999	3	6	2150	8.82	1133.0	30	21	35	13.16	40.0	15.5	18	.25	.050	124	7	.29	232	.01	<3	1.13	.03	.24	2	4.2	235	10.4	<2	5.6	99999

GOLDEN EAGLE - SOIL

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: JUN 29 1998 DATE REPORT MAILED: *July 13/98* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS** Not suitable for high grade materials .*



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802926 Page 1
910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary L. Wesa

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
L1+00W 0+00	16.1	4.3	28.1	5.8	267	<1	1	7	3.89	8.6	<5	8	3	<.01	.4	.2	3	<.01	.011	17	<1	<.01	292	<.01	<3	.40	.01	.12	<2	.3	426	<.3	<.2	3.1	4
L1+00W 0+25S	20.5	11.0	28.8	16.5	455	1	1	27	3.28	8.9	<5	11	6	.01	.5	.2	6	.01	.023	21	2	.02	72	<.01	<3	.59	<.01	.12	<2	.6	100	<.3	<.2	3.4	4
L1+00W 0+50S	31.2	4.1	89.4	9.0	500	<1	1	36	5.60	26.7	<5	6	4	<.01	.8	.4	3	.01	.012	14	1	.01	49	<.01	<3	.34	.01	.20	<2	1.1	521	<.3	<.2	5.5	5
L1+00W 0+75S	12.3	4.7	60.3	18.1	292	2	1	78	3.54	28.0	<5	6	6	.02	.6	.3	6	.03	.016	10	4	.05	51	<.01	<3	.45	.01	.48	<2	1.6	279	<.3	<.2	5.8	3
L1+00W 1+00S	5.4	5.1	23.2	73.1	84	2	3	454	1.65	6.1	5	7	9	.20	.3	.2	7	.07	.021	41	3	.08	154	.02	<3	.76	.01	.08	<2	.4	97	<.3	<.2	2.8	4
L1+00W 1+25S	1.8	8.5	13.4	78.9	84	5	9	810	2.96	4.5	<5	4	45	.26	.4	<.2	33	.42	.092	28	13	.51	143	.06	<3	1.76	.02	.07	<2	.2	38	<.3	<.2	4.5	<1
L1+00W 1+50S	2.1	16.7	17.3	75.2	106	5	9	577	3.23	5.6	<5	5	49	.24	.3	<.2	30	.34	.083	29	10	.36	159	.08	<3	1.77	.02	.08	<2	.2	176	<.3	<.2	3.7	1
L1+00W 1+75S	2.3	14.7	17.6	118.4	163	6	19	1332	4.59	6.4	<5	3	55	.29	.6	<.2	41	.23	.111	27	10	.40	300	.13	<3	2.76	.02	.08	<2	.3	108	<.3	<.2	7.1	1
L1+00W 2+00S	1.7	16.7	13.9	102.6	149	8	20	1145	4.35	6.8	<5	3	59	.14	.4	<.2	42	.44	.119	18	13	.49	274	.14	<3	3.06	.02	.08	<2	.2	97	<.3	<.2	6.3	5
LO+75W 0+00	4.0	3.8	26.1	31.0	67	1	2	401	.78	1.6	6	7	5	.11	<.2	<.2	2	.02	.007	27	<1	.02	244	<.01	<3	.58	.01	.11	<2	.3	74	<.3	<.2	1.6	4
LO+75W 0+25S	15.8	10.0	33.0	19.4	321	1	<1	47	1.68	2.9	<5	10	3	.02	.3	.3	2	.01	.011	10	1	.02	101	<.01	<3	.74	<.01	.09	<2	.3	62	<.3	<.2	2.5	3
LO+75W 0+50S	20.3	10.0	30.8	28.6	274	1	1	73	3.74	8.7	<5	11	6	.03	.5	.2	8	.01	.019	14	3	.05	90	<.01	<3	.71	.01	.19	<2	.5	197	<.3	<.2	4.1	3
LO+75W 0+75S	16.1	9.1	33.5	50.7	171	2	3	293	2.68	10.7	<5	11	9	.10	.5	.3	8	.05	.028	31	3	.08	199	.01	<3	.85	.01	.10	<2	.5	437	<.3	<.2	3.5	7
LO+75W 1+00S	2.8	6.4	22.2	65.5	54	2	3	359	1.68	2.1	5	6	14	.31	.3	<.2	16	.15	.036	44	7	.15	125	.04	<3	.86	.01	.05	<2	.2	55	<.3	<.2	3.2	7
RE LO+75W 1+00S	2.7	6.3	22.6	69.4	59	3	3	382	1.78	1.7	6	6	14	.33	<.2	<.2	17	.16	.038	46	7	.16	131	.04	<3	.87	.01	.05	<2	.2	60	<.3	<.2	3.2	3
LO+75W 1+25S	1.1	10.8	11.7	77.2	78	6	10	861	2.97	3.8	<5	3	51	.31	.4	<.2	37	.48	.106	26	15	.55	153	.07	<3	1.84	.03	.07	<2	<.2	19	<.3	<.2	5.1	1
LO+75W 1+50S	.9	11.4	9.5	79.6	68	6	10	778	3.12	3.6	<5	2	60	.21	.3	<.2	42	.49	.121	20	16	.59	136	.08	<3	1.95	.02	.07	<2	<.2	32	<.3	<.2	5.9	2
LO+75W 1+75S	2.0	12.6	12.4	85.6	142	5	11	779	4.01	15.9	<5	<2	70	.22	2.4	<.2	45	.46	.110	16	14	.56	118	.12	<3	1.91	.04	.07	<2	.2	67	<.3	<.2	5.5	3
LO+75W 2+00S	1.5	14.0	9.9	91.2	113	10	13	1007	3.78	6.6	<5	<2	62	.22	.7	<.2	48	.42	.115	18	15	.73	160	.08	<3	2.31	.03	.08	<2	<.2	34	<.3	<.2	6.1	3
LO+50W 0+00	1.6	2.8	36.8	32.3	<30	1	1	408	.49	.6	6	4	8	.22	<.2	<.2	3	.08	.008	30	2	.03	276	<.01	<3	.38	<.01	.10	<2	.2	27	<.3	<.2	1.3	2
LO+50W 0+25S	16.0	8.7	32.8	28.9	208	1	1	69	1.75	2.2	<5	14	4	.03	.4	.3	2	.02	.010	14	<1	.02	96	<.01	<3	1.11	<.01	.14	<2	.3	36	<.3	<.2	2.6	4
LO+50W 0+50S	25.0	24.2	52.1	61.7	230	2	2	141	8.70	7.0	<5	38	7	.08	.6	.3	8	.03	.060	43	5	.04	449	.01	<3	.97	.01	.09	<2	.5	633	<.3	<.2	6.6	11
LO+50W 0+75S	5.9	8.4	30.2	84.7	122	2	4	564	1.69	2.7	8	7	11	.27	.3	.2	9	.11	.023	56	4	.10	162	.02	<3	.85	.01	.08	<2	.4	96	<.3	<.2	3.7	3
LO+50W 1+00S	1.3	10.8	13.8	75.8	70	5	9	869	3.02	3.3	<5	3	59	.30	.3	<.2	33	.55	.119	28	11	.51	184	.08	<3	1.86	.03	.07	<2	.2	19	<.3	<.2	4.9	<1
LO+50W 1+25S	1.2	9.9	10.4	70.4	51	5	9	886	2.76	4.4	<5	3	51	.35	.3	<.2	37	.45	.108	24	14	.49	152	.08	<3	1.67	.02	.06	<2	<.2	10	<.3	<.2	5.0	<1
LO+50W 1+50S	1.0	12.2	9.7	75.5	91	6	11	727	3.01	4.0	<5	3	79	.18	.4	<.2	39	.56	.115	19	15	.57	157	.07	<3	2.10	.03	.08	<2	<.2	27	<.3	<.2	5.6	2
LO+50W 1+75S	1.2	14.2	11.3	83.4	116	8	11	874	3.27	6.5	<5	2	67	.22	.4	<.2	43	.46	.116	20	16	.63	166	.07	<3	2.32	.02	.08	<2	.2	22	<.3	<.2	6.6	1
LO+50W 2+00S	1.2	14.0	10.5	84.1	73	8	10	841	3.24	5.3	<5	2	62	.24	.4	<.2	44	.42	.115	19	16	.62	179	.09	<3	2.27	.02	.07	<2	.2	24	<.3	<.2	6.5	<1
LO+25W 0+00	2.5	10.2	43.2	197.5	103	4	7	2576	2.10	3.4	<5	8	25	1.72	.3	.3	15	.27	.049	128	7	.16	116	.03	<3	1.36	.01	.11	<2	.4	49	<.3	<.2	4.9	1
LO+25W 0+25S	1.9	8.8	39.6	163.2	80	4	4	1615	1.89	3.6	<5	8	21	1.32	.2	.4	15	.20	.039	103	7	.16	132	.03	<3	1.41	.02	.09	<2	.3	35	<.3	<.2	4.7	2
LO+25W 0+50S	1.9	8.0	28.0	128.6	104	3	6	1271	1.78	5.3	<5	6	19	.99	.3	.3	13	.16	.038	89	5	.15	153	.03	<3	1.04	.01	.08	<2	.3	33	<.3	<.2	4.4	1
LO+25W 0+75S	2.2	5.3	32.7	70.5	59	2	3	709	1.17	2.3	<5	6	12	.48	.2	.2	9	.10	.021	58	3	.08	157	.02	<3	.67	.01	.05	<2	.3	25	<.3	<.2	2.8	5
LO+25W 1+00S	1.3	9.8	13.0	74.6	42	5	7	639	2.70	2.5	<5	3	51	.30	.3	<.2	30	.46	.100	34	13	.45	161	.07	<3	1.64	.02	.07	<2	.2	20	<.3	<.2	4.8	<1
LO+25W 1+25S	1.2	10.5	12.1	73.9	71	6	8	633	2.83	2.6	<5	3	41	.27	.4	<.2	34	.37	.101	29	14	.46	156	.07	<3	1.86	.02	.06	<2	.2	10	<.3	<.2	5.7	<1
STANDARD D2/C3/	23.0	114.0	90.3	271.5	1865	30	17	1029	4.15	68.4	22	20	59	1.92	8.4	20.4	71	.64	.101	17	55	1.05	245	.13	28	2.25	.04	.67	17	2.2	912	.5	1.7	6.5	51

Standard is STANDARD D2/C3/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,FE>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 20 1998 DATE REPORT MAILED: *July 27/98* SIGNED BY: *C. Leong* 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 *4* FA



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
L0+25W 1+50S	1.1	12.1	13.9	82.9	65	6	10	874	3.14	4.8	<5	3	37	.23	.4	<.2	39	.33	.109	23	14	.55	153	.06	<3	2.17	.02	.07	<2	<.2	34	<.3	<.2	5.6	2
L0+25W 1+75S	.7	9.3	9.3	73.9	47	5	8	569	2.68	2.9	<5	2	56	.16	.3	<.2	36	.38	.102	17	13	.53	136	.08	<3	1.72	.02	.05	<2	<.2	<10	<.3	<.2	4.7	1
L0+25W 2+00S	1.0	17.3	15.2	95.0	120	10	11	941	3.40	6.4	<5	3	35	.23	.4	<.2	47	.24	.098	22	16	.62	267	.10	<3	3.29	.02	.08	<2	<.2	28	<.3	<.2	6.6	4
L0+00 0+25S	1.9	13.5	27.3	111.1	136	6	6	1263	2.34	6.1	<5	10	13	.46	.3	.2	20	.11	.080	54	7	.27	94	.04	<3	1.77	.02	.09	<2	<.2	47	<.3	<.2	5.0	1
L0+00 0+50S	1.7	12.7	37.7	145.3	74	8	7	1643	2.48	7.8	<5	7	32	.95	.3	.3	29	.28	.081	106	13	.31	133	.06	<3	1.71	.02	.08	<2	.2	22	<.3	<.2	4.3	1
L0+00 0+75S	1.3	7.1	23.1	79.4	<30	5	4	610	1.84	2.7	<5	4	16	.21	.2	<.2	21	.12	.037	51	8	.20	119	.04	<3	1.27	.01	.07	<2	<.2	18	<.3	<.2	3.0	1
L0+00 1+00S	1.2	9.6	18.3	80.1	43	5	6	676	2.36	3.2	<5	6	29	.50	.3	<.2	26	.23	.063	36	8	.36	161	.06	<3	1.37	.02	.06	<2	<.2	16	<.3	<.2	4.2	1
L0+00 1+25S	1.3	11.6	16.8	67.0	74	7	7	526	2.66	4.6	<5	<2	34	.15	.4	<.2	34	.29	.108	42	13	.38	184	.05	<3	2.17	.01	.07	<2	.2	14	<.3	<.2	5.2	1
L0+00 1+50S	.9	11.5	12.0	76.5	66	7	8	543	2.83	5.7	<5	2	42	.13	.3	<.2	40	.34	.107	21	16	.52	203	.08	<3	2.51	.02	.06	<2	<.2	<10	<.3	<.2	5.8	4
L0+00 1+75S	.7	9.9	9.9	73.3	48	6	8	484	2.56	2.7	<5	3	48	.17	.3	<.2	36	.47	.129	21	14	.50	137	.10	<3	1.81	.02	.06	<2	<.2	<10	<.3	<.2	4.7	2
L0+00 2+00S	.9	13.6	11.6	81.0	43	8	9	633	2.83	3.3	<5	3	54	.20	.3	<.2	42	.46	.114	20	15	.53	178	.11	<3	2.17	.02	.07	<2	<.2	<10	<.3	<.2	4.8	1
L0+25E 0+00	1.6	14.3	23.5	97.1	179	9	6	822	2.38	16.4	<5	7	17	.44	1.0	<.2	30	.11	.052	56	13	.35	109	.05	<3	1.99	.01	.07	<2	<.2	17	<.3	<.2	4.9	5
L0+25E 0+25S	1.6	14.0	23.0	105.5	195	9	6	1339	2.42	8.8	<5	8	26	.50	.5	<.2	29	.22	.080	88	12	.33	84	.06	<3	1.81	.02	.09	<2	<.2	33	<.3	<.2	4.8	3
L0+25E 0+50S	1.7	12.5	23.9	118.9	105	8	6	1390	2.27	7.3	<5	7	32	1.06	.4	.2	29	.31	.075	93	13	.32	113	.06	<3	1.60	.02	.09	<2	.2	26	<.3	<.2	4.3	2
RE L0+25E 0+50S	1.9	12.8	27.3	120.7	130	8	6	1408	2.31	5.3	<5	7	33	1.17	.4	.2	29	.32	.077	92	12	.33	114	.06	<3	1.60	.02	.09	<2	.2	24	<.3	<.2	4.6	5
L0+25E 0+75S	1.1	7.1	30.0	74.6	41	4	3	697	1.48	2.3	6	6	17	.42	.2	<.2	16	.19	.039	62	6	.16	154	.03	<3	.79	.01	.07	<2	<.2	14	<.3	<.2	2.6	3
L0+25E 1+00S	1.1	8.1	16.7	75.4	65	4	4	538	1.95	4.0	5	6	26	.50	.3	<.2	20	.21	.050	36	7	.24	99	.07	<3	1.08	.01	.07	<2	.2	14	<.3	<.2	3.7	5
L0+25E 1+25S	1.5	14.1	16.8	104.4	58	7	9	907	3.13	6.8	<5	8	32	.39	.3	<.2	33	.34	.105	30	10	.50	154	.10	<3	2.50	.04	.12	<2	<.2	36	<.3	<.2	6.2	3
L0+25E 1+50S	1.1	15.3	14.3	95.4	80	11	10	846	3.28	8.2	<5	4	45	.22	.4	<.2	47	.40	.116	23	17	.62	238	.12	<3	3.03	.02	.09	<2	<.2	11	<.3	<.2	7.0	2
L0+25E 1+75S	1.7	20.7	18.2	102.4	129	13	12	1127	3.79	11.4	<5	4	42	.29	.5	<.2	51	.34	.129	25	19	.65	286	.11	<3	3.62	.02	.10	<2	.2	27	.3	<.2	8.6	2
L0+25E 2+00S	1.5	18.1	17.0	119.2	108	10	12	899	4.34	8.2	<5	4	49	.29	.4	<.2	52	.51	.139	18	14	.76	230	.15	<3	3.13	.04	.12	<2	<.2	18	<.3	<.2	8.3	1
L0+50E 0+00	1.4	12.4	21.4	79.1	113	9	6	978	2.31	10.0	<5	6	23	.36	.4	<.2	32	.19	.060	73	14	.32	91	.05	<3	1.77	.02	.08	<2	<.2	26	<.3	<.2	5.3	7
L0+50E 0+25E	1.7	15.9	25.7	104.9	215	11	8	1386	2.58	10.5	<5	8	35	.65	.5	<.2	33	.30	.099	89	15	.39	108	.06	<3	2.13	.02	.11	<2	<.2	56	<.3	<.2	5.7	2
L0+50E 0+50E	1.5	11.7	26.6	97.8	128	8	6	1064	2.27	6.5	<5	7	28	.56	.4	<.2	29	.23	.070	69	12	.31	93	.05	<3	1.69	.02	.11	<2	<.2	24	<.3	<.2	5.0	1
L0+50E 0+75E	1.1	9.2	22.3	75.8	40	6	4	634	1.83	3.1	<5	6	24	.44	.3	<.2	23	.24	.062	51	9	.23	106	.05	<3	1.13	.01	.07	<2	.2	<10	<.3	<.2	3.6	<1
L0+50E 1+00E	1.0	7.8	16.6	68.9	32	4	4	497	1.84	3.6	5	6	23	.45	.3	<.2	20	.19	.042	33	6	.22	85	.06	<3	1.06	.02	.07	<2	<.2	12	<.3	<.2	3.3	2
L0+50E 1+25E	1.2	9.1	13.0	66.6	35	6	6	555	2.20	3.8	<5	5	40	.30	.3	<.2	29	.36	.085	29	12	.34	122	.08	<3	1.25	.02	.06	<2	<.2	15	<.3	<.2	3.8	1
L0+50E 1+50E	1.8	27.7	27.8	140.3	216	20	17	1583	4.84	15.7	<5	6	42	.32	.5	.2	69	.31	.145	28	26	.86	427	.14	<3	5.74	.02	.16	<2	.3	27	.4	<.2	14.1	1
L0+50E 1+75E	1.3	20.7	18.1	107.6	110	13	13	1110	3.84	10.6	<5	4	51	.29	.4	<.2	53	.42	.132	24	20	.67	293	.12	<3	3.65	.02	.12	<2	<.2	20	<.3	<.2	7.9	2
L0+50E 2+00E	1.5	20.2	15.5	101.9	112	12	11	923	3.48	10.9	<5	5	59	.31	.5	<.2	50	.43	.127	22	17	.61	260	.13	<3	2.87	.02	.10	<2	<.2	28	<.3	<.2	7.0	2
L0+75E 0+00	1.2	10.9	17.9	66.1	63	6	4	720	1.75	5.7	5	6	26	.44	.3	<.2	24	.27	.070	53	9	.23	51	.05	<3	1.05	.02	.07	<2	<.2	<10	<.3	<.2	4.6	1
L0+75E 0+25E	1.3	10.5	19.0	78.9	69	6	5	798	1.96	5.3	6	8	22	.43	.4	<.2	24	.19	.053	53	9	.24	60	.05	<3	1.20	.02	.08	<2	.2	30	<.3	<.2	4.4	1
L0+75E 0+50E	1.0	9.5	16.6	61.7	64	6	4	536	1.84	3.8	<5	6	21	.23	.3	<.2	25	.21	.045	44	10	.24	67	.05	<3	1.12	.01	.07	<2	<.2	16	<.3	<.2	4.0	2
L0+75E 0+75E	1.3	10.9	19.4	78.8	71	6	5	770	2.10	5.4	7	5	26	.31	.3	<.2	24	.20	.042	49	10	.29	91	.04	<3	1.36	.01	.10	<2	.2	27	<.3	<.2	4.8	1
STANDARD D2/C3/	23.5	120.7	102.3	279.6	2123	31	17	1096	4.21	76.3	21	21	62	2.14	9.6	21.5	73	.66	.106	17	57	1.11	256	.14	28	2.38	.04	.71	16	2.4	897	.5	1.8	7.6	54

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
L0+75E 1+00S	1.2	8.7	16.1	60.3	39	6	5	454	1.91	3.9	5	5	21	.28	.2	<.2	25	.23	.055	37	10	.26	63	.05	<3	1.19	.02	.07	<2	<.2	14	<.3	<.2	4.1	<1
L0+75E 1+25S	1.3	11.4	17.4	82.3	53	7	8	673	2.88	5.8	<5	3	35	.29	.3	<.2	30	.29	.076	22	12	.48	153	.06	<3	2.08	.03	.09	<2	<.2	42	<.3	<.2	5.3	1
L0+75E 1+50S	1.1	13.3	13.1	80.0	76	11	10	700	3.17	6.4	<5	2	33	.20	.3	<.2	43	.36	.093	21	20	.57	198	.10	<3	2.64	.02	.10	<2	<.2	25	<.3	<.2	5.9	1
L0+75E 1+75S	1.2	17.1	17.2	90.1	93	12	11	870	3.53	8.0	<5	2	52	.36	.3	<.2	48	.47	.103	23	24	.61	251	.12	<3	2.96	.03	.12	<2	<.2	33	<.3	<.2	7.4	<1
L0+75E 2+00S	1.5	17.1	17.3	84.8	109	11	9	681	3.47	9.8	<5	2	51	.34	.4	<.2	47	.45	.104	21	18	.56	181	.14	<3	2.64	.02	.10	<2	<.2	19	.3	<.2	8.3	1
L1+00E 0+00	1.4	11.0	15.6	56.7	46	7	6	509	2.11	6.6	<5	2	21	.23	.3	<.2	27	.22	.059	28	13	.31	94	.05	<3	1.57	.01	.10	<2	<.2	20	<.3	<.2	4.8	1
L1+00E 0+25S	1.0	9.4	16.7	88.0	31	6	7	668	2.68	4.3	<5	3	15	.29	.2	<.2	24	.24	.060	20	9	.36	84	.07	<3	1.86	.04	.13	<2	<.2	20	<.3	<.2	5.4	1
L1+00E 0+50S	1.0	7.8	12.3	55.2	31	6	6	411	2.14	5.6	<5	3	39	.18	.2	<.2	27	.40	.078	28	12	.27	77	.10	<3	1.34	.02	.08	<2	<.2	<10	<.3	<.2	3.8	1
RE L1+00E 0+50S	1.0	8.9	12.6	56.3	<30	6	6	423	2.19	4.4	<5	3	41	.20	.2	<.2	28	.42	.081	29	13	.28	79	.10	<3	1.38	.02	.09	<2	<.2	<10	<.3	<.2	4.3	3
L1+00E 0+75S	.9	9.3	13.0	54.6	<30	6	6	443	2.32	4.4	<5	2	30	.17	.2	<.2	30	.31	.058	26	14	.31	106	.10	<3	1.65	.02	.08	<2	<.2	12	<.3	<.2	4.5	2
L1+00E 1+00S	1.0	8.3	13.5	53.6	<30	5	5	422	1.88	3.9	<5	5	21	.29	.3	<.2	24	.31	.065	35	11	.23	59	.07	<3	1.03	.02	.07	<2	<.2	<10	<.3	<.2	4.1	1
L1+00E 1+25S	1.1	12.4	14.1	76.5	<30	8	9	727	2.92	8.0	<5	<2	26	.22	.3	<.2	37	.27	.085	24	15	.49	142	.06	<3	2.31	.02	.09	<2	.2	14	<.3	<.2	5.5	2
L1+00E 1+50S	1.3	15.8	15.5	86.3	61	12	10	701	3.43	8.6	<5	2	38	.27	.3	<.2	46	.36	.101	21	19	.57	193	.10	<3	2.80	.02	.10	<2	<.2	24	.3	<.2	7.6	1
L1+00E 1+75S	1.2	18.0	15.0	95.7	68	13	11	881	4.04	11.2	<5	3	57	.25	.3	<.2	50	.49	.121	23	19	.64	253	.11	<3	3.40	.03	.12	<2	<.2	24	.3	<.2	6.9	1
L1+00E 2+00S	1.2	16.1	15.4	80.6	40	11	10	714	3.38	8.3	<5	2	47	.23	.3	<.2	46	.41	.102	20	16	.54	238	.10	<3	2.82	.02	.10	<2	<.2	<10	.4	<.2	6.8	3
STANDARD D2/C3	23.0	123.0	96.3	258.6	1980	31	16	1015	4.44	62.3	16	20	59	2.07	9.1	19.3	73	.74	.104	18	58	1.10	250	.16	24	2.36	.05	.69	13	2.3	915	.6	1.9	6.5	48

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9803015

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
98POL-BS001	3.0	106.7	244.1	344.0	2791	12	12	1234	3.15	19.4	<5	18	46	2.31	.4	1.0	47	.58	.054	37	22	.87	728	.01	<3	2.85	.02	.14	<2	<2	63	<3	<2	6.9	12
98POL-BS002	3.7	43.3	73.1	283.4	1468	8	10	723	2.41	18.8	<5	9	34	7.54	<2	1.0	45	.41	.028	15	17	.63	292	.02	<3	1.80	.01	.15	<2	<2	35	<3	.4	6.8	5
98POL-BS003	2.5	54.1	50.8	151.8	1415	10	11	851	2.73	13.3	<5	11	43	1.88	.8	.7	46	.60	.045	27	19	.85	426	.04	<3	1.94	.01	.12	2	.2	36	.3	<2	6.2	8
98POL-BS004	2.2	57.0	37.9	110.5	1681	11	10	705	2.75	19.4	<5	14	37	.74	<2	.5	45	.46	.027	20	19	.91	406	.03	<3	2.04	.01	.11	<2	<2	20	<3	<2	5.9	10
98POL-BS005	3.1	44.1	45.7	105.6	1776	9	10	724	2.47	15.2	<5	9	28	.72	.4	.6	40	.23	.038	51	16	.65	301	.04	<3	1.86	.01	.11	<2	<2	40	<3	<2	5.6	9
98POL-BS006	2.9	46.8	58.2	145.0	1865	10	10	1051	2.84	16.1	5	14	34	.65	1.1	1.6	43	.44	.044	24	19	.88	431	.02	<3	2.10	.01	.12	2	<2	27	<3	<2	5.6	22
98POL-BS007	3.2	42.6	56.1	174.5	1906	13	12	687	3.24	20.4	<5	11	37	1.66	1.0	.9	58	.46	.020	13	22	.96	332	.04	<3	2.49	.01	.16	<2	<2	28	<3	<2	7.6	7
98POL-BS008	2.7	88.8	67.0	203.4	3422	17	14	913	3.52	20.5	5	15	52	1.74	.9	.6	59	.75	.037	38	25	1.07	747	.03	<3	3.24	.02	.20	<2	<2	76	<3	<2	8.0	11
98POL-BS009	2.3	79.8	54.3	138.1	3731	11	9	661	2.72	19.7	<5	19	43	.75	.9	.8	41	.77	.057	63	20	.80	897	.02	<3	2.54	.01	.16	<2	<2	52	<3	<2	6.9	12
98POL-BS010	3.6	109.1	199.7	480.6	3594	17	14	1115	3.53	21.3	<5	15	42	4.38	1.2	2.3	54	.62	.055	51	25	1.01	906	.02	<3	3.53	.02	.22	<2	<2	64	<3	.2	8.6	18
98POL-BS011	2.1	30.3	40.6	133.9	322	10	9	611	2.40	11.1	<5	9	32	.74	.6	.6	40	.33	.027	18	14	.80	404	.03	<3	1.86	.01	.09	<2	<2	<10	<3	<2	6.2	4
98POL-BS012	2.2	33.8	59.3	181.7	427	10	11	1059	2.68	10.5	<5	6	31	1.13	.6	.6	43	.36	.041	21	19	.81	440	.03	<3	1.94	.01	.10	<2	.2	<10	<3	<2	6.7	3
98POL-BS013	2.9	26.0	36.0	105.6	230	10	10	738	2.80	9.6	<5	5	29	.66	<2	.6	44	.23	.033	14	17	.69	263	.02	<3	1.71	.01	.11	<2	<2	10	<3	<2	6.5	2
98POL-BS014	2.4	13.0	27.6	112.5	131	6	6	461	2.20	13.1	<5	5	29	1.38	.8	.5	36	.22	.027	14	12	.52	225	.05	<3	1.15	.01	.11	<2	<2	12	<3	<2	5.7	6
98POL-BS015	3.2	26.6	95.8	169.9	102	7	8	1030	2.32	8.9	6	8	29	3.54	.8	.6	34	.24	.030	15	13	.53	260	.02	<3	1.40	.01	.10	2	<2	15	<3	.2	5.4	2
98POL-BS016	3.2	24.2	40.5	130.5	205	7	8	823	2.30	6.5	<5	8	22	2.40	<2	.5	33	.20	.023	16	13	.57	378	.02	<3	1.46	.01	.09	<2	<2	17	<3	<2	5.0	5
98POL-BS017	3.7	21.1	42.4	103.0	350	7	7	652	2.34	10.4	<5	8	24	.57	<2	.6	36	.19	.023	16	13	.55	288	.03	<3	1.55	.01	.09	<2	<2	10	<3	<2	5.3	4
98POL-BS018	4.2	24.3	45.6	111.9	59	8	8	460	2.62	10.2	<5	10	23	.37	.5	.7	39	.27	.014	15	13	.73	261	.03	<3	1.64	.01	.12	<2	<2	<10	<3	<2	6.1	3
RE 98POL-BS018	4.3	23.5	44.2	110.3	55	7	8	455	2.59	11.4	<5	9	23	.36	.6	.7	39	.26	.013	14	13	.71	260	.03	<3	1.61	.01	.12	<2	.3	<10	<3	<2	6.4	2
98POL-BS019	5.8	23.1	58.7	104.7	464	7	10	1232	2.52	15.6	<5	7	30	.57	.6	2.4	38	.32	.029	18	14	.54	552	.02	<3	1.54	.01	.10	<2	<2	<10	<3	<2	6.0	52
98POL-BS020	3.4	20.5	23.8	108.0	390	6	8	567	2.29	8.7	<5	9	22	.34	.2	.7	33	.24	.019	19	12	.61	380	.02	<3	1.29	.01	.08	<2	<2	11	<3	<2	5.1	3
98POL-BS021	3.0	37.0	45.1	130.1	491	7	8	549	2.53	7.9	<5	8	32	.32	<2	.8	38	.31	.032	25	12	.71	492	.01	3	1.70	.01	.09	<2	<2	21	<3	<2	6.0	3
98POL-BS022	6.4	31.0	46.7	148.5	618	7	8	459	2.71	6.8	<5	10	25	.28	.7	.9	39	.26	.022	20	10	.68	334	.02	<3	1.80	.01	.10	3	<2	24	<3	<2	6.5	2
98POL-BS023	4.3	22.9	71.4	183.2	57	7	7	454	2.90	9.9	<5	8	22	.31	<2	1.3	43	.15	.017	12	11	.64	123	.03	<3	1.66	.01	.11	<2	<2	17	<3	<2	7.1	3
98POL-BS024	29.0	95.6	599.1	874.0	588	5	17	1305	4.53	14.5	<5	14	39	1.08	.5	4.8	40	.47	.046	19	11	1.13	174	.04	<3	2.77	.01	.08	2	<2	26	.3	.5	7.9	3
98POL-BS025	28.4	106.3	692.8	468.9	2341	7	14	1014	4.00	16.8	<5	16	31	1.03	1.1	9.9	43	.21	.067	17	11	.86	301	.01	<3	2.18	.01	.09	<2	<2	25	<3	.3	6.8	12
98POL-BS026	4.1	31.7	71.7	150.0	1194	16	10	526	2.94	17.6	<5	10	28	.48	.4	.7	44	.18	.026	17	18	.69	139	.03	<3	2.00	.01	.08	2	<2	36	<3	<2	6.8	4
98POL-BS027	4.7	31.3	64.8	161.6	104	13	12	767	3.02	20.3	<5	7	30	.85	.2	.8	48	.20	.026	16	17	.61	229	.03	<3	1.84	.01	.11	<2	<2	20	<3	<2	7.0	5
98POL-BS028	5.8	52.2	158.1	160.6	1703	9	12	1070	2.64	10.0	<5	5	38	.77	<2	1.3	38	.27	.084	32	11	.63	219	.02	<3	2.14	.01	.10	2	<2	36	<3	<2	6.9	4
98POL-BS029	3.5	52.2	68.5	95.8	405	7	9	691	2.28	11.4	<5	9	38	.71	.6	.5	33	.46	.041	31	10	.58	134	.02	<3	1.71	.01	.10	2	<2	10	<3	<2	5.7	5
STANDARD D2/C3	23.5	122.4	100.8	266.8	1689	31	17	1042	4.64	73.9	20	22	67	2.02	8.7	17.3	74	.71	.109	18	56	1.12	244	.15	30	2.46	.05	.69	14	2.2	964	.5	1.8	7.1	53

Standard is STANDARD D2/C3/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 23 1998 DATE REPORT MAILED: July 29/98 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE



Omni Resources PROJECT SKUKUM CREEK File # 9803017

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa

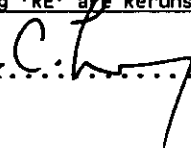
SAMPLE#			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga	Au+
			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm	ppb
ALUNITE CAP SOILS	L1+00W 2+25S		1.4	11.8	12.8	75.8	140	6	12	842	3.94	4.3	<5	2	105	.20	.3	<.2	41	.53	.110	18	15	.58	153	.08	<3	2.38	.02	.08	<2	.2	43	<.3	<.2	5.0	2
	L1+00W 2+50S		1.3	11.0	10.0	79.8	58	6	11	643	3.73	4.4	<5	4	72	.19	.3	<.2	42	.52	.118	17	17	.61	106	.09	<3	2.10	.02	.07	<2	.2	25	<.3	<.2	4.8	2
	L1+00W 2+75S		1.2	11.8	11.1	82.4	111	8	10	696	3.53	5.3	<5	4	70	.19	.3	<.2	42	.57	.119	17	17	.63	132	.08	<3	2.22	.02	.08	<2	<.2	33	<.3	<.2	5.1	2
	L1+00W 3+00S		1.1	13.6	13.7	86.9	103	9	10	740	3.61	6.2	<5	4	70	.23	.4	<.2	44	.49	.117	18	14	.63	124	.11	<3	2.31	.02	.08	<2	<.2	28	<.3	<.2	5.2	4
	RE L1+00W 3+00S		1.6	15.3	13.5	87.4	84	9	10	742	3.65	6.0	<5	4	71	.23	.5	<.2	45	.50	.117	19	17	.63	126	.14	<3	2.35	.02	.08	<2	<.2	18	<.3	<.2	5.3	5

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQWAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 23 1998 DATE REPORT MAILED:

Aug 4/98

SIGNED BY:  D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9803226 Page 1

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B %	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
98SKWS-01	14.7	178.0	112.6	533.3	1522	21	19	995	4.62	125.6	<5	7	40	3.88	1.1	4.5	85	.55	.049	20	37	1.32	133	.07	<3	2.88	.02	.11	9	.3	30	<.3	<.2	9.6	59
98SKWS-02	19.6	94.4	284.4	728.3	3593	15	24	2525	4.29	319.6	<5	6	31	8.60	2.1	2.1	59	.42	.073	43	24	.96	150	.02	<3	2.40	.01	.12	3	.3	63	.3	<.2	7.8	40
98SKWS-03	23.5	65.8	133.9	363.7	1240	12	16	1886	3.95	129.9	<5	4	36	3.68	1.1	2.1	59	.48	.100	28	19	.85	191	.02	<3	2.64	.01	.11	3	<.2	46	<.3	<.2	7.2	25
98SKWS-04	14.6	112.6	143.8	364.0	2332	11	14	1264	3.82	469.1	<5	4	45	2.88	1.3	2.1	61	.84	.112	33	19	.90	146	.02	<3	2.41	.01	.10	6	<.2	68	<.3	<.2	7.7	94
98SKWS-05	18.1	193.4	262.3	443.0	3913	11	18	1670	4.18	308.7	<5	5	39	4.04	1.6	1.5	62	.65	.085	49	19	.94	191	.02	<3	2.42	.01	.11	3	.3	73	.3	<.2	8.3	57
98SKWS-06	19.6	102.2	146.1	302.5	2351	11	15	1227	3.72	192.7	6	8	31	2.47	1.3	1.3	59	.52	.059	38	20	.94	250	.02	<3	2.04	.01	.10	5	.3	48	<.3	<.2	7.2	101
98SKWS-07	44.1	579.4	260.9	450.2	4227	9	19	1349	4.33	142.8	<5	11	28	4.46	1.8	2.6	54	.40	.064	37	14	.80	227	.01	<3	2.27	.01	.14	2	.2	59	.4	<.2	7.8	39
98SKWS-08	25.4	173.9	220.5	351.8	3294	9	13	1631	3.54	142.8	<5	5	34	2.13	1.9	3.9	45	.56	.100	30	15	.63	335	.01	<3	2.24	.02	.12	2	.2	55	<.3	<.2	6.8	29
98SKWS-09	66.6	364.8	319.4	322.5	7417	7	22	1462	3.83	259.9	6	12	35	3.08	3.1	3.3	47	.60	.075	56	10	.65	475	.01	<3	2.05	.01	.17	4	.4	63	<.3	<.2	6.1	77
98SKWS-10	44.4	58.1	118.7	192.3	1867	6	12	1293	3.29	44.5	<5	5	28	1.62	2.2	1.8	27	.51	.076	38	7	.47	250	.01	<3	1.51	.01	.13	2	.2	30	.5	<.2	6.6	17
98SKWS-11	7.7	63.8	114.7	207.5	1840	10	12	1220	3.13	70.5	<5	5	30	1.54	1.4	1.0	33	.57	.069	35	13	.70	276	.02	<3	1.64	.01	.12	<2	<.2	18	<.3	<.2	5.2	20
98SKWS-12	8.9	672.4	65.4	158.6	2248	8	11	824	3.13	41.0	<5	10	18	1.24	2.4	6.5	32	.19	.068	28	11	.52	157	.04	<3	1.32	.01	.11	2	.3	47	.3	<.2	4.4	57
98SKWS-13	10.2	1077.3	49.0	107.1	7538	7	18	1344	3.25	35.4	7	8	13	.38	2.8	8.7	25	.12	.084	33	9	.36	104	.02	<3	1.42	.01	.18	3	.3	119	.3	<.2	4.3	129
98SKWS-14	6.8	1159.7	54.2	116.9	3514	8	10	699	2.78	44.4	<5	7	17	.68	3.5	20.2	28	.18	.070	28	9	.45	120	.04	<3	1.36	.01	.10	4	<.2	19	.3	<.2	3.8	24
98SKWS-15	7.4	201.9	49.8	145.4	2510	6	9	661	2.79	46.2	<5	9	18	1.21	1.7	5.9	38	.31	.057	21	11	.66	147	.04	<3	1.10	.01	.08	3	<.2	29	<.3	<.2	3.6	490
98SKWS-16	6.5	86.2	63.4	147.4	677	5	10	1502	3.29	26.4	<5	3	33	1.08	1.4	1.6	27	.48	.074	57	7	.33	343	.03	<3	1.57	.02	.14	<2	<.2	27	<.3	<.2	4.7	13
98SKWS-17	6.3	96.6	67.7	136.1	708	6	9	995	3.46	23.4	<5	2	20	.72	1.7	2.0	29	.19	.071	29	10	.32	182	.02	<3	1.79	.01	.10	<2	.2	28	<.3	<.2	5.5	9
98SKWS-18	7.2	177.6	50.2	142.8	1859	6	9	587	3.38	48.6	<5	4	21	.77	1.9	3.7	33	.19	.060	22	9	.39	144	.03	<3	1.58	.01	.11	2	.2	34	.3	<.2	4.9	11
98SKWS-19	4.5	199.9	48.9	134.1	1152	8	9	661	2.91	40.4	<5	3	21	.64	2.3	2.5	36	.20	.067	21	13	.52	113	.03	<3	1.83	.01	.09	2	<.2	30	.3	<.2	5.0	17
RE 98SKWS-19	4.4	199.9	47.6	134.0	1085	8	9	666	2.92	38.4	<5	3	20	.63	2.3	1.4	36	.19	.065	21	12	.53	112	.03	<3	1.83	.01	.09	3	.2	31	.3	<.2	4.9	9
98SKWS-20	6.7	142.0	85.6	144.0	1313	7	11	1087	3.35	37.6	<5	3	29	1.11	2.4	1.9	33	.30	.087	25	10	.42	183	.02	<3	2.04	.01	.12	2	.2	39	.3	<.2	5.6	9
98SKWS-21	8.6	52.8	80.3	146.4	457	4	9	864	2.64	43.7	<5	<2	31	1.30	2.1	1.0	20	.42	.107	27	5	.30	225	.01	<3	1.57	.01	.16	<2	.2	27	<.3	<.2	4.7	8
98SKWS-22	5.7	155.9	61.1	141.8	766	9	10	916	3.19	28.8	<5	3	32	.76	1.9	1.2	39	.30	.084	25	13	.48	208	.02	<3	2.09	.02	.11	<2	.2	64	.4	<.2	6.4	7
98SKWS-23	7.1	50.3	47.5	104.0	611	5	6	685	3.19	34.4	<5	3	18	.41	1.1	1.3	30	.15	.049	27	7	.24	159	.02	<3	1.60	.01	.11	2	.2	48	<.3	<.2	5.4	4
98SKWS-24	8.1	40.8	75.9	142.1	318	5	8	879	3.74	40.1	<5	5	26	.43	1.2	1.3	24	.30	.041	35	7	.25	210	.01	<3	1.70	.01	.11	2	.2	41	<.3	<.2	5.4	12
98SKWS-25 S	7.1	42.7	51.7	122.5	347	4	8	1324	2.91	30.6	<5	5	20	.71	1.3	.9	18	.31	.063	42	5	.26	286	.02	<3	1.19	.01	.11	<2	<.2	12	<.3	<.2	3.6	5
98SKWS-26	7.2	43.2	48.5	128.5	421	4	8	1364	2.94	31.7	<5	4	25	.99	1.3	1.0	17	.40	.062	49	4	.27	297	.02	<3	1.20	.01	.11	<2	<.2	23	<.3	<.2	4.1	5
98SKWS-27	7.6	55.0	56.7	128.6	503	5	10	1242	3.27	58.3	<5	6	18	.58	1.6	1.2	18	.24	.056	38	5	.30	242	.01	<3	1.44	.01	.12	<2	<.2	19	<.3	<.2	4.3	5
98SKWS-28	6.9	26.8	44.6	110.0	357	5	8	1249	2.75	39.6	<5	4	21	.81	1.0	.7	16	.34	.070	37	4	.24	233	.02	<3	1.09	.01	.14	<2	.2	20	<.3	<.2	3.4	3
98SKWS-29	7.3	39.3	53.3	162.2	260	4	10	1547	3.16	39.1	<5	2	25	1.64	1.4	1.1	22	.36	.068	36	6	.28	285	.02	<3	1.31	.01	.13	<2	.2	23	<.3	<.2	4.6	3
98SKWS-30	29.3	83.8	52.3	180.1	471	9	9	603	3.54	41.4	<5	3	24	.69	1.8	1.5	34	.35	.049	31	13	.64	192	.01	<3	1.69	.01	.11	3	.2	29	<.3	<.2	6.1	30
98SKWS-31	17.6	34.4	73.2	181.1	622	7	10	1033	2.97	65.9	<5	4	26	.55	1.5	1.0	25	.51	.070	25	9	.50	216	.01	<3	1.59	.01	.13	<2	.2	17	<.3	<.2	4.9	16
98SKWS-32	22.8	35.9	85.3	187.8	379	6	10	1135	3.07	33.9	<5	5	21	1.13	1.4	1.0	21	.33	.072	29	7	.49	187	.01	<3	1.47	.01	.11	3	<.2	25	<.3	<.2	4.2	8
98SKWS-33	8.8	37.3	104.6	250.7	1115	10	12	1198	3.22	63.0	<5	6	21	3.56	1.2	.9	35	.35	.070	23	13	.79	159	.02	<3	1.63	.01	.11	<2	<.2	22	<.3	<.2	5.6	16
STANDARD D2/	24.9	124.8	102.5	292.8	1877	33	18	1024	4.35	72.7	21	22	62	2.14	8.0	21.8	77	.69	.108	18	60	1.14	263	.15	28	2.43	.05	.71	16	2.0	921	.5	1.5	7.1	46

Standard is STANDARD D2/C3/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. 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. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 4 1998 DATE REPORT MAILED: Aug 11/98 SIGNED BY: 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 FA



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	Au+ ppb
98SKWS-34	15.8	40.0	75.0	207.5	733	10	11	992	3.46	27.0	<5	5	23	1.09	1.1	1.1	31	.49	.085	23	12	.73	179	.01	<3	1.78	.01	.11	<2	<.2	15	<.3	<.2	5.5	11
98SKWS-35	16.1	123.5	144.4	237.4	2936	13	14	1529	4.05	164.1	<5	6	44	1.23	1.2	1.7	48	.82	.099	60	18	.78	464	.01	<3	2.83	.01	.14	<2	.2	76	.3	<.2	8.6	14
98SKWS-36	5.0	21.6	43.0	97.8	340	7	7	610	2.60	22.6	<5	3	13	1.08	.7	.5	35	.14	.086	20	13	.38	104	.03	<3	1.60	.01	.07	<2	<.2	39	<.3	<.2	4.9	26
98SKWS-37	10.0	28.1	25.2	129.5	528	7	7	675	2.32	26.6	<5	3	22	.53	.6	.6	36	.34	.029	17	13	.54	187	.04	<3	1.44	.01	.08	<2	<.2	19	<.3	<.2	7.0	7
98SKWS-38	6.6	21.2	41.7	103.2	355	7	6	568	2.51	25.0	<5	2	18	.39	.8	.7	36	.18	.067	17	12	.44	122	.02	<3	1.61	.01	.08	<2	<.2	28	<.3	<.2	5.9	4
98SKWS-39	11.0	19.3	40.6	156.6	173	7	8	647	3.39	44.4	<5	3	22	.54	1.1	.8	43	.25	.063	15	12	.48	120	.05	<3	1.59	.01	.09	<2	<.2	17	<.3	<.2	7.0	5
98SKWS-40	4.4	33.4	128.4	388.8	1958	16	12	845	3.25	108.4	<5	8	32	1.56	2.0	2.1	53	.43	.090	16	25	1.05	111	.07	<3	1.83	.01	.08	3	<.2	28	<.3	<.2	6.0	57
RE 98SKWS-40	4.8	32.8	134.7	384.2	2201	16	12	833	3.21	105.8	<5	9	32	1.68	2.1	2.3	52	.43	.088	16	26	1.04	109	.07	<3	1.82	.01	.08	3	<.2	21	<.3	<.2	6.7	43

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

APPENDIX VI

Drill Core Geochemical Lab Reports

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802766

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary L. Wesa

SAMPLE#		Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
DDH9&TZ-01 TAXI ZONE	E 85822	.004	.003	.01	.06	.01	.001	<.001	.03	.85	.01	<.01	<.01	.001	<.001	<.01	.008
	E 85823	.045	<.001	<.01	.01	.06	<.001	<.001	.03	1.00	<.01	<.01	<.01	<.001	<.001	<.01	.003
	E 85824	.020	.076	<.01	.01	.07	<.001	.001	.01	1.67	.01	<.01	<.01	<.001	<.001	<.01	<.001
	E 85825	.007	.095	.01	.02	.13	.001	.001	.01	2.92	.02	<.01	<.01	<.001	<.001	<.01	.001
	E 85826	.015	.103	.01	.01	.06	<.001	.001	.01	2.65	.04	<.01	<.01	<.001	<.001	<.01	<.001
	E 85827	.012	.094	.01	.01	.07	<.001	.001	.01	2.51	.05	<.01	<.01	<.001	<.001	<.01	.001
	RE E 85827	.012	.093	.01	.01	.06	<.001	.001	.01	2.50	.05	<.01	<.01	<.001	<.001	<.01	.001
	RRE E 85827	.012	.093	.01	.01	.07	.001	.001	.01	2.49	.05	<.01	<.01	<.001	<.001	<.01	.002
	E 85828	.007	.086	.01	.01	.15	<.001	.002	.01	2.53	.29	<.01	<.01	<.001	.001	<.01	<.001
	E 85829	.002	.003	<.01	<.01	.07	<.001	<.001	.04	1.00	<.01	.01	<.01	<.001	<.001	.01	.001

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: CORE

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: JUL 10 1998

DATE REPORT MAILED:

SIGNED BY:

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9802767

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary L. Wesa

SAMPLE#	Mo	Cu	Pb	Zn	Ag**	Ni	Co	Mn	Fe	As	U	Th	Cd	Sb	Bi	Au**
	%	%	%	%	oz/t	%	%	%	%	%	%	%	%	%	%	oz/t
E 85830	.005	.066	.41	1.16	.67	.004	.002	.22	9.46	1.88	<.01	<.01	.022	<.001	<.01	.020
E 85831	.001	.004	.01	.03	.03	.007	.002	.11	7.70	.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85832	.035	.004	.06	.09	.05	.006	.002	.18	7.23	.01	<.01	<.01	.001	<.001	<.01	.001
E 85833	.018	.003	<.01	.02	<.01	.006	.002	.07	4.73	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85834	.006	.032	.09	.50	.32	.003	.001	.12	4.78	.04	<.01	<.01	.010	<.001	<.01	.002
E 85835	.022	.009	.04	.21	.12	.009	.002	.28	8.56	<.01	<.01	<.01	.004	<.001	<.01	<.001
E 85836	.020	.039	.21	.61	.27	.006	.002	.22	8.43	<.01	<.01	<.01	.010	<.001	<.01	<.001
E 85837	.001	.004	<.01	.02	<.01	.007	.002	.11	4.73	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85838	.001	.049	.37	.90	.26	.007	.002	.30	7.47	<.01	<.01	<.01	.015	<.001	<.01	<.001
RE E 85838	.001	.049	.37	.90	.26	.007	.003	.30	7.53	<.01	<.01	<.01	.015	<.001	<.01	<.001
RRE E 85838	.001	.049	.37	.90	.28	.007	.002	.30	7.45	<.01	<.01	<.01	.015	<.001	<.01	<.001
E 85839	.017	.064	.07	.32	.33	.006	.003	.21	9.58	.22	<.01	<.01	.006	<.001	<.01	.017
E 85840	.003	.009	.18	.27	.15	.001	.001	.28	7.00	<.01	<.01	<.01	.003	<.001	<.01	<.001
STANDARD R-1/AU-1	.089	.852	1.28	2.24	2.94	.025	.025	.08	6.46	.97	.01	.01	.046	.170	.03	.100

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: CORE

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 10 1998

DATE REPORT MAILED:

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CK. File # 9802928

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Terry Elliott



SAMPLE#	Mo	Cu	Pb	Zn	Ag**	Ni	Co	Mn	Fe	As	U	Th	Cd	Sb	Bi	Au**
	%	%	%	%	oz/t	%	%	%	%	%	%	%	%	%	%	oz/t
DDH 98TZ-01 TAXI ZONE E 85841	.017	.014	<.01	<.01	.02	.001	<.001	.02	1.07	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85842	.003	<.001	<.01	.01	.01	.001	<.001	.03	1.82	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85843	.001	.001	<.01	<.01	.02	.001	<.001	.02	1.50	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85844	.001	.003	<.01	.05	<.01	<.001	.001	.04	2.72	<.01	<.01	<.01	<.001	<.001	<.01	<.001
E 85845	.001	.008	<.01	.16	.01	.001	.001	.05	3.15	<.01	<.01	<.01	.002	.001	<.01	.002
E 85846	.001	.010	<.01	.02	.04	<.001	.001	.04	2.27	<.01	<.01	<.01	<.001	.001	<.01	.001
E 85847	.001	.006	<.01	.01	.02	.001	.001	.03	2.09	<.01	<.01	<.01	<.001	<.001	<.01	.001
E 85848	.002	.013	<.01	.11	.02	<.001	.001	.04	2.74	<.01	<.01	<.01	.001	<.001	<.01	<.001
RE E 85848	.002	.013	<.01	.11	.03	.001	.001	.04	2.72	<.01	<.01	<.01	.001	.001	<.01	<.001
RRE E 85848	.002	.012	<.01	.11	.01	<.001	.001	.04	2.74	<.01	<.01	<.01	.001	.001	<.01	<.001
E 85849	.001	.009	<.01	.12	.01	.001	.001	.04	3.46	<.01	<.01	<.01	.001	<.001	<.01	<.001
E 85850	.002	.005	<.01	.09	.02	.001	.001	.04	2.58	<.01	<.01	<.01	.001	<.001	<.01	<.001
STANDARD R-1/AU-1	.088	.841	1.29	2.24	2.96	.023	.025	.08	6.54	.97	.01	.01	.045	.166	.03	.099

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM I.A.T. SAMPLE.

- SAMPLE TYPE: CORE

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 20 1998

DATE REPORT MAILED:

July 24/98 SIGNED BY: C. Long

TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE

Omni Resources PROJECT SKUKUM CREEK File # 9803016
910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: Gary Wesa

SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
GOLDEN EAGLE E 85451	<.001	.004	<.01	.01	.03	.001	.002	.13	7.19	<.01	<.01	<.01	<.001	<.001	<.01	<.001

DDH 98GE-01

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.
- SAMPLE TYPE: CORE

DATE RECEIVED: JUL 23 1998 DATE REPORT MAILED: *July 29/98* SIGNED BY: *C. Leong* .D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE

Omni Resources Inc. PROJECT SKUKUM CREEK/GODDELL File # 9803327

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: G.L. Wesa



SAMPLE#	Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
BONANZA ZONE																
EE 85452	.001	.007	.01	.02	.02	.006	.001	.12	4.24	<.01	<.01	<.01	<.001	<.001	<.01	<.001
EE 85453 DDH98BZ-01	.003	.024	.47	.67	.10	.005	.002	.18	5.57	.01	<.01	<.01	.019	<.001	<.01	.004
EE 85454	.001	.005	.01	.02	.02	.008	.002	.08	4.68	<.01	<.01	<.01	<.001	<.001	<.01	<.001
EE 85455	.001	.015	<.01	.01	.01	.005	.002	.06	4.10	<.01	<.01	<.01	<.001	<.001	<.01	<.001
EE 85456	.001	.011	<.01	.02	<.01	.015	.005	.88	17.48	.01	<.01	<.01	<.001	.001	<.01	<.001
POLARIS ZONE																
EE 85457	.001	.006	<.01	.01	<.01	.015	.003	.09	4.98	<.01	<.01	<.01	<.001	<.001	<.01	.003
EE 85458 DDH98PZ-01	.001	.013	.01	.02	.02	.004	.003	.07	5.15	<.01	<.01	<.01	<.001	<.001	<.01	<.001
EE 85459	.001	.010	<.01	.01	<.01	.003	.003	.08	5.54	<.01	<.01	<.01	<.001	<.001	<.01	<.001
RE E 85459	.001	.012	<.01	.01	<.01	.004	.003	.08	5.70	<.01	<.01	<.01	<.001	<.001	<.01	<.001
RRE E 85459	.001	.011	<.01	.01	<.01	.004	.003	.08	5.71	<.01	<.01	<.01	<.001	<.001	<.01	.001
EE 85460	.001	.007	<.01	.02	.03	.004	.005	.15	10.18	<.01	<.01	<.01	<.001	<.001	<.01	<.001
EE 85461	.001	.015	<.01	.02	.04	.005	.004	.10	8.10	<.01	<.01	<.01	<.001	<.001	<.01	<.001
STANDARD R-1/AU-1	.086	.832	1.29	2.29	2.92	.023	.025	.08	6.50	.93	.01	.01	.044	.162	.03	.099

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: CORE

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 10 1998 DATE REPORT MAILED: Aug 14/98 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



ASSAY CERTIFICATE



Omni Resources Inc. PROJECT SKUKUM CREEK File # 9803379

910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: G.L. Wesa

SAMPLE#		Mo %	Cu %	Pb %	Zn %	Ag** oz/t	Ni %	Co %	Mn %	Fe %	As %	U %	Th %	Cd %	Sb %	Bi %	Au** oz/t
DDH 98PZ-02 POLARIS ZONE	E 85462	.001	.031	<.01	.01	.03	.029	.005	.18	18.03	.03	<.01	<.01	<.001	.001	<.01	.002
	E 85463	.001	.006	<.01	.02	<.01	.019	.002	.17	11.83	<.01	<.01	<.01	<.001	<.001	<.01	<.001
	E 85464	.001	.038	<.01	.01	.08	.029	.008	.16	21.20	.02	<.01	<.01	<.001	<.001	<.01	.003
	E 85465	.001	.004	<.01	.01	.01	.014	.001	.07	6.26	.01	<.01	<.01	<.001	<.001	<.01	<.001
	RE E 85465	.001	.003	<.01	.01	<.01	.012	.001	.07	6.22	<.01	<.01	<.01	<.001	<.001	<.01	<.001
	E 85466	.001	.032	<.01	.02	.03	.027	.008	.24	22.96	.02	<.01	<.01	<.001	<.001	<.01	.001
	E 85467	.001	.036	<.01	.02	.01	.025	.006	.21	12.86	<.01	<.01	<.01	<.001	<.001	<.01	<.001
	E 85468	.001	.015	<.01	.01	<.01	.022	.004	.12	7.54	<.01	<.01	<.01	<.001	<.001	<.01	<.001

1 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.

AG** & AU** BY FIRE ASSAY FROM 1.A.T. SAMPLE.

- SAMPLE TYPE: CORE

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 11 1998

DATE REPORT MAILED:

Aug 13/98

SIGNED BY:

D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Omni Resources Inc. PROJECT SKUKUM CK(POLARIS ZONE) File # 9803585
910 - 700 W. Pender St., Vancouver BC V6C 1G8 Submitted by: T.M. Elliott

SAMPLE#	Cu %	Pb %	Zn %	Ag** oz/t	Au** oz/t
E 85469 POLARIS -02	.033	<.01	.02	.02	.001
E 85470	.006	<.01	.01	.01	.001
E 85471	.001	<.01	<.01	.02	.003
E 85472	.003	<.01	.01	.01	<.001
E 85473	.004	<.01	<.01	.02	<.001
E 85474	.009	<.01	<.01	<.01	<.001
RE E 85474	.011	<.01	<.01	.03	<.001
STANDARD R-1/AU-1	.841	1.28	2.23	2.95	.097

1.000 GM SAMPLE DIGESTED IN 30 ML AQUA - REGIA, DILUTE TO 100 ML, ANALYSIS BY ICP.
- SAMPLE TYPE: CORE AG** & AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 21 1998 DATE REPORT MAILED: Aug 28/98 SIGNED BY: C. L. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

APPENDIX VII

Rock and Soil Sample Descriptions

SKUKUM CR RECCE TRAVERSE/SAMPLE RECORD

NAME: GARY L. WESA

PAGE 1 OF 2

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
June 13	SKU #1	105D/3	SKUKUM CR.	98SKUWR-01	gz-carb vn w tr. to minor, crse py, aspy
			Ridge Trench	-02	rusty wth, clay-lim altr'd cobbles gz vn mat'l w 3-5% dissem to patchy py, aspy, stib.
			Ridge Trench	-03	same as WR-02
			Ridge Trench	-04	felsenmeer - altered rhyolite
June 16	SKU #2	105D/3	Golden Eagle	98GEWR-01	chip sample of 1-4 cm gz-carb vn w lim wth and 1-2% dissem py, aspy ga.
July 2		105D/3	Denero Zone	98DENWR-01	limonitic rhyolite w $\approx$ 1% diss pyrite
July 4		105D/3	Alunite Cap	98ACWR-01	Intensely hydrothermally altr'd (pyrophyllite-clay $\pm$ hem $\pm$ lim) volc. w tr. v. f. diss py.
July 17	SKU #3	105D/3	Polaris Zone	98POLWR01	3-5% diss Py in carbonac, altr'd, frac'd Gd.
		105D/3		-02	>5% f. diss Py in gz-lim shear in phyll altr'd Gd.
Sept 1		105D/3	TAXI ROAD	98TRWR-01	intense carb-altr'd grndte (>50% ankerite)
				-02	intense carb-altr'd granodiorite float fr. fault
				-03	hem-stained, altered rhyolite
				-04	Random chip; intensely crackle-frac'd, rusty wth rhyolite @ fault contact
				-05	limonitic, frac'd rhyolite fr. 10-15 cm shear zone w tr-minor diss py, cpy(?)
				-06	Random chip; quartz-carb breccia in rhyolite; 1.0 m wide fault zone

SKUKUM CR RECCE TRAVERSE/SAMPLE RECORD

NAME: GARY L. WESA.

PAGE 2 OF 2

[illegible]

NAME: Terry Elliott

PAGE 1 OF 1

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
July 20/98	Alunite Cap	105D/3	Mt. Skukum	98ACERFI-01	Subcrop - silica breccia
				98ACERFI-02	qz-sericite-py altr'd bedrock (talus)
				98ACER-03	clay altered Alunite Cap.
				98ACERFI-04	alunite-pyrophyllite alteration
				98ACER-05	pyritic lenses in altr'd volcanics
↓	↓	↓	↓	98ACERFI-06	white qz bldrs w bedded rhyolite
July 21/98	Alunite Cap	105D/3	Mt. Skukum	98ACBR-01	alunite-pyrophyllite altr'd volcanics
				98ACSR-01	pyrophyllite-kaolin-alunite altr', Trace
				-02	v.f. dissemin py.
				-03	" " " "
				-04	" " " "
				-05	" " " "
				-06	" " " "

Skukum. RECCE TRAVERSE/SAMPLE RECORD

NAME: Terry Elliott

PAGE / OF /

[illegible]

NAME: R. Michel

PAGE 1 OF 2

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
June 11/98		105D/3	GOLDEN EAGLE VEINS	98GEMR-01	silicified, bleached qz vein w minor py
				-02	rusty quartz vein float
				-03	v.f.g. py. and gal. in qz vein
				-04	qz-sulfide vein w 4% gal + py
				-05	1% py and galena in qz. vn.
June 13/98		105D/3	TAXI ZONE VEINS	98TZMR-01	rusty qz-sulf vein w ga, sph, aspy, stib.
				-02	qz brx. w gal, aspy, py, sph in fault gouge
				-03	strongly oxidized qz vein w f.g. gal, aspy, stib
				-04	qz vn w dissem cpy, gal, sph, aspy, stib
				-05	same as MR-04
June 14/98		105D/3	DENERO ZONE VEINS	98DENMR-01	2-4cm qz vn w trace gal, py, aspy, limonite
				-02	qz-sulf boxwork w tr. dissem gal, sph, aspy
				-03	qz-sulf stringer w trace gal @ dyke contact
			TAXI ZONE VEINS	98TZMR-06	20 cm limonitic clay gouge, gal, py, aspy, stib
				-07	limonitic qz brx vn w banded aspy in centre of vein, coarse granular at margins

NAME: R. Michel

PAGE 2 OF 2

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
June 16/98		1050/3	GOLDEN EAGLE VEINS	98GEMR-06	3-6 cm qz-py-ga vein
				-07	10 cm qz. vn w 1% py + galena
				-08	narrow qz-sulfide vein; 2% galena
				-09	qz-sulf vn w trace galena
				-10	25 cm qz-sulf lense w 1% galena
				-11	qz vn w boxwork texture + 1% galena
				-12	vuggy qz vn, boxwork w banded lim.
				-13	bleached, phyllic altr'd dyke w tr. py
				-14	silicified, phyllic altr'd rhyol dyke, tr. py
↓		↓	↓	-15	brecciated, Mn stained, pyritif gndr.

SKUKUM RECCE TRAVERSE/SAMPLE RECORD

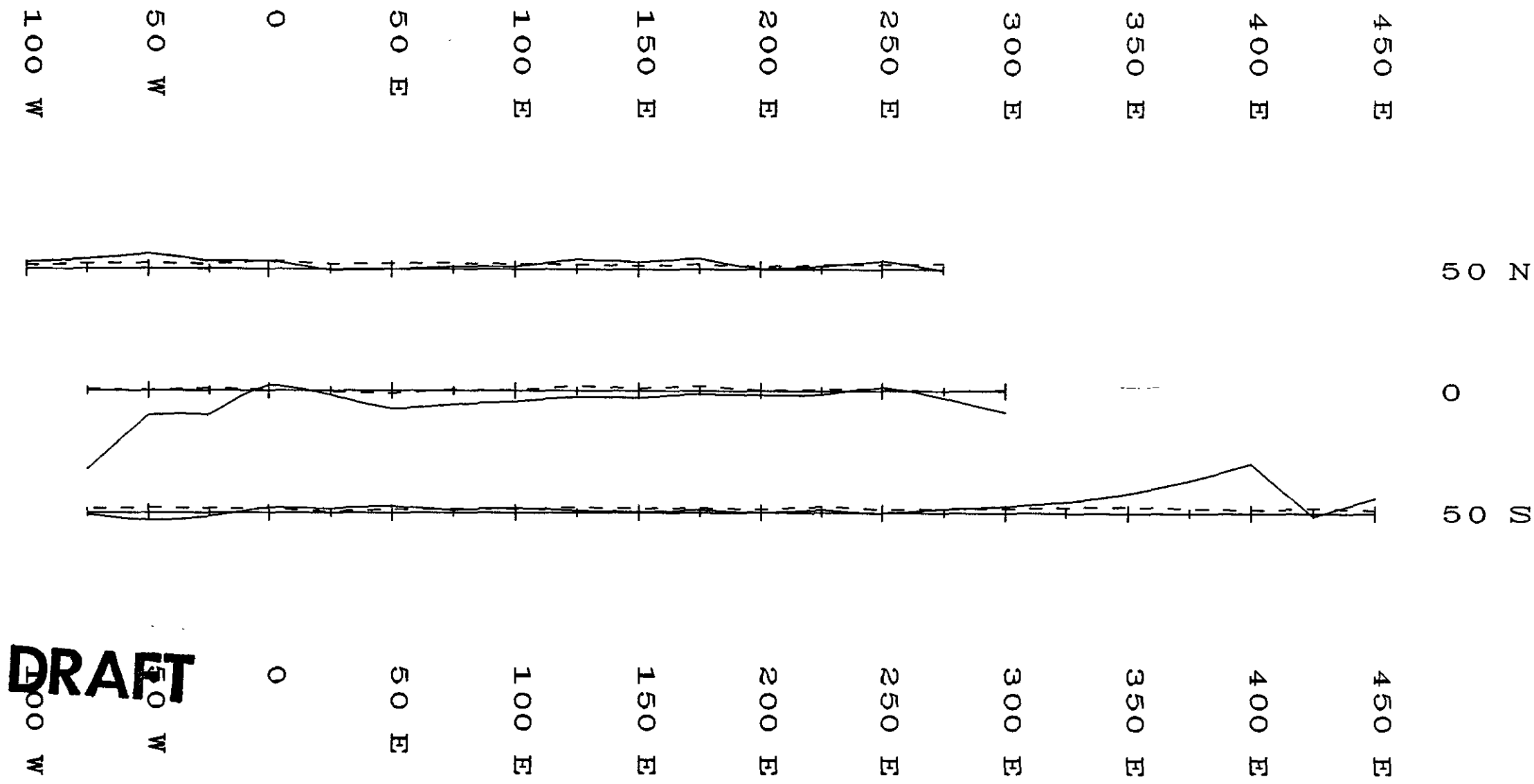
NAME: *R. Michel*

PAGE *1* OF *1*

DATE	TRAVERSE	NTS	AREA	SAMPLE #'s	COMMENTS/ROCK DESCRIPTION
June 11/98		105D/3	GOLDEN EAGLE VEINS	98GEMS-01	gossanous soil
↓		↓	↓	-02	rusty qz-sulf clasts in fault gouge fines
↓		↓	↓	-03	maroon + rusty fault gouge.
June 13/98		105D/3	TAXI ZONE VEINS	98TZMS-01	rusty orange fault gouge
↓		↓	↓	-02	rusty yellow to grey gouge
↓		↓	↓	-03	same as MS-02.
June 16/98		105D/3	GOLDEN EAGLE VEINS	98GEMS-04	hematic fault gouge
↓		↓	↓	-05	limonitic fault gouge
↓		↓	↓	-06	limonitic fault gouge
↓		↓	TAXI ZONE	98TZMS-04	20 cm clay gouge zone w Lim, clay.

APPENDIX VIII

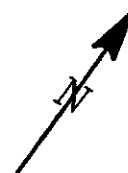
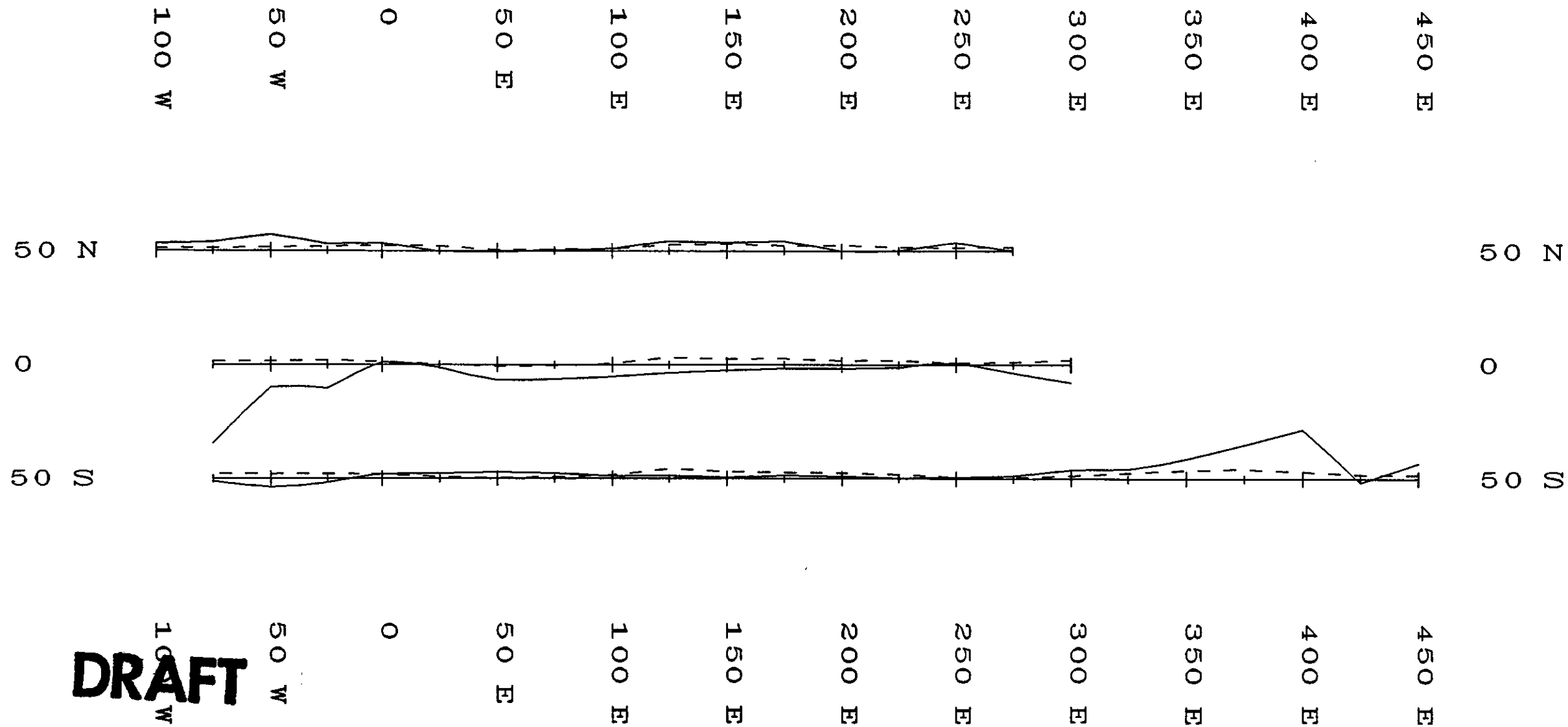
HLEM Profiles



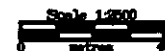
IN PHASE
QUADRATURE



OMNI RESOURCES LTD.
SKUKUM CREEK PROPERTY
(NTS 105 D/3)
MAXMIN I-10 SURVEY
220 Hz - 100 coils
AMEROK GEOSCIENCES LTD.



IN PHASE
QUADRATURE



OMNI RESOURCES LTD.

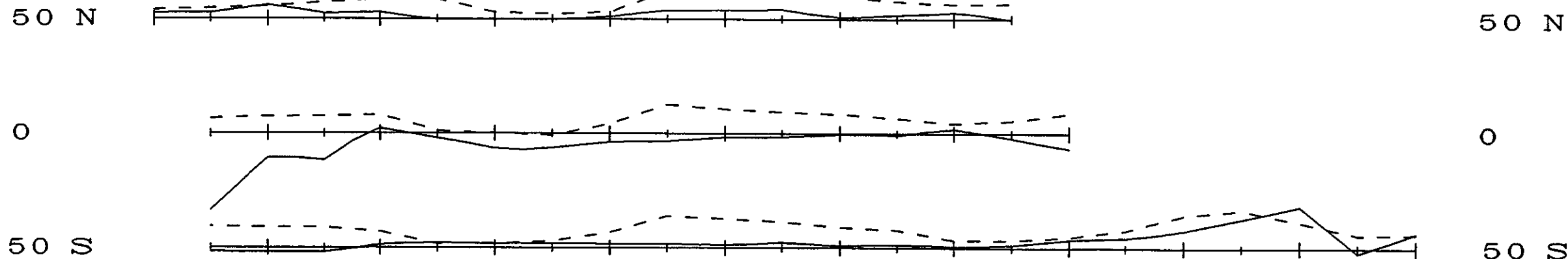
SKUKUM CREEK PROPERTY
(NTS 105 D/3)

MAXMIN I-10 SURVEY

880 Hz - 100m coils

AMEROK GEOSCIENCES LTD.

450 E
400 E
350 E
300 E
250 E
200 E
150 E
100 E
50 E
0
50 W
100 W



DRAFT



IN PHASE
QUADRATURE
Scale 1:2000
meters

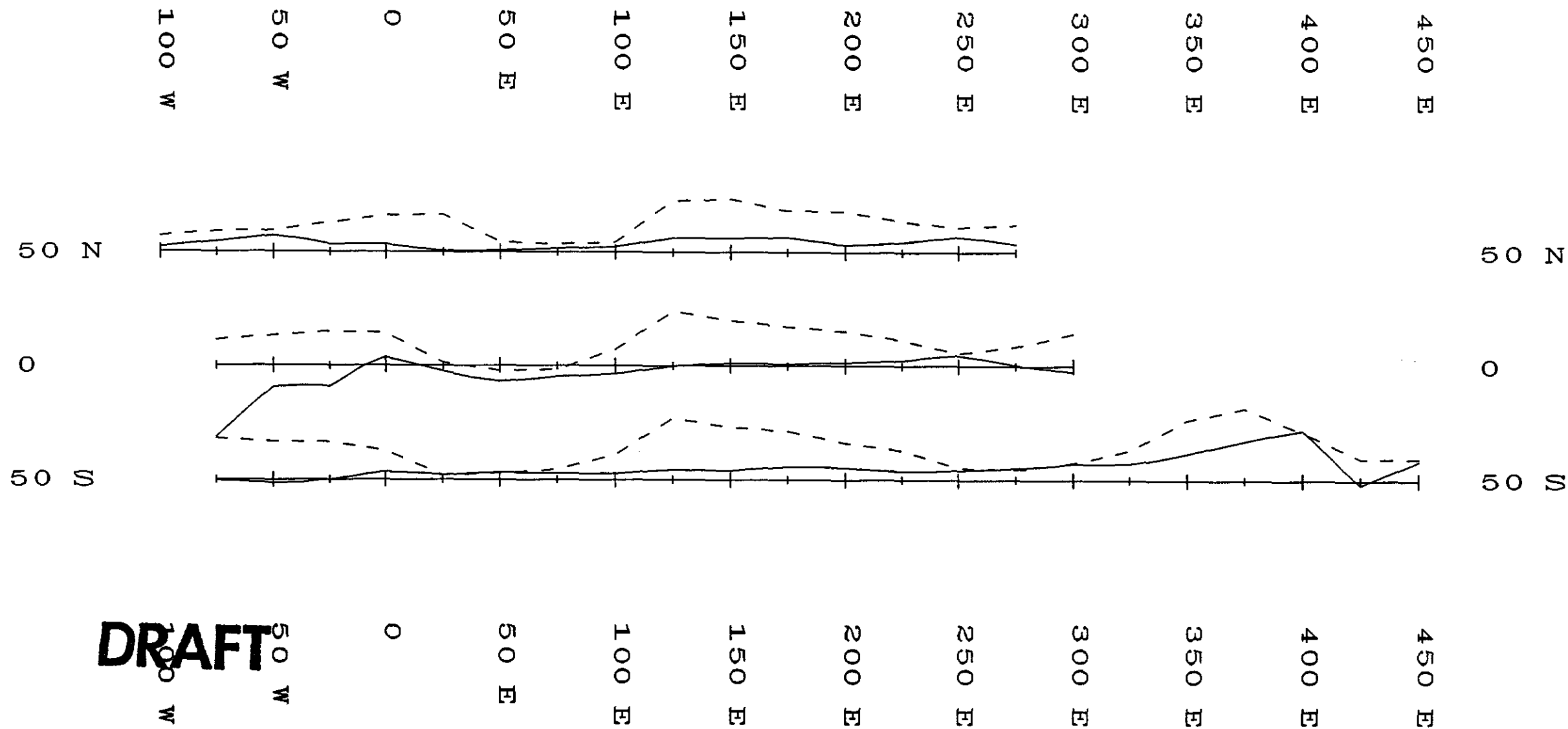
OMNI RESOURCES LTD.

SKUKUM CREEK PROPERTY
(NTS 105 D/3)

MAXMIN I-10 SURVEY

3520 Hz - 100m coils

AMEROK GEOSCIENCES LTD.



IN PHASE
QUADRATURE



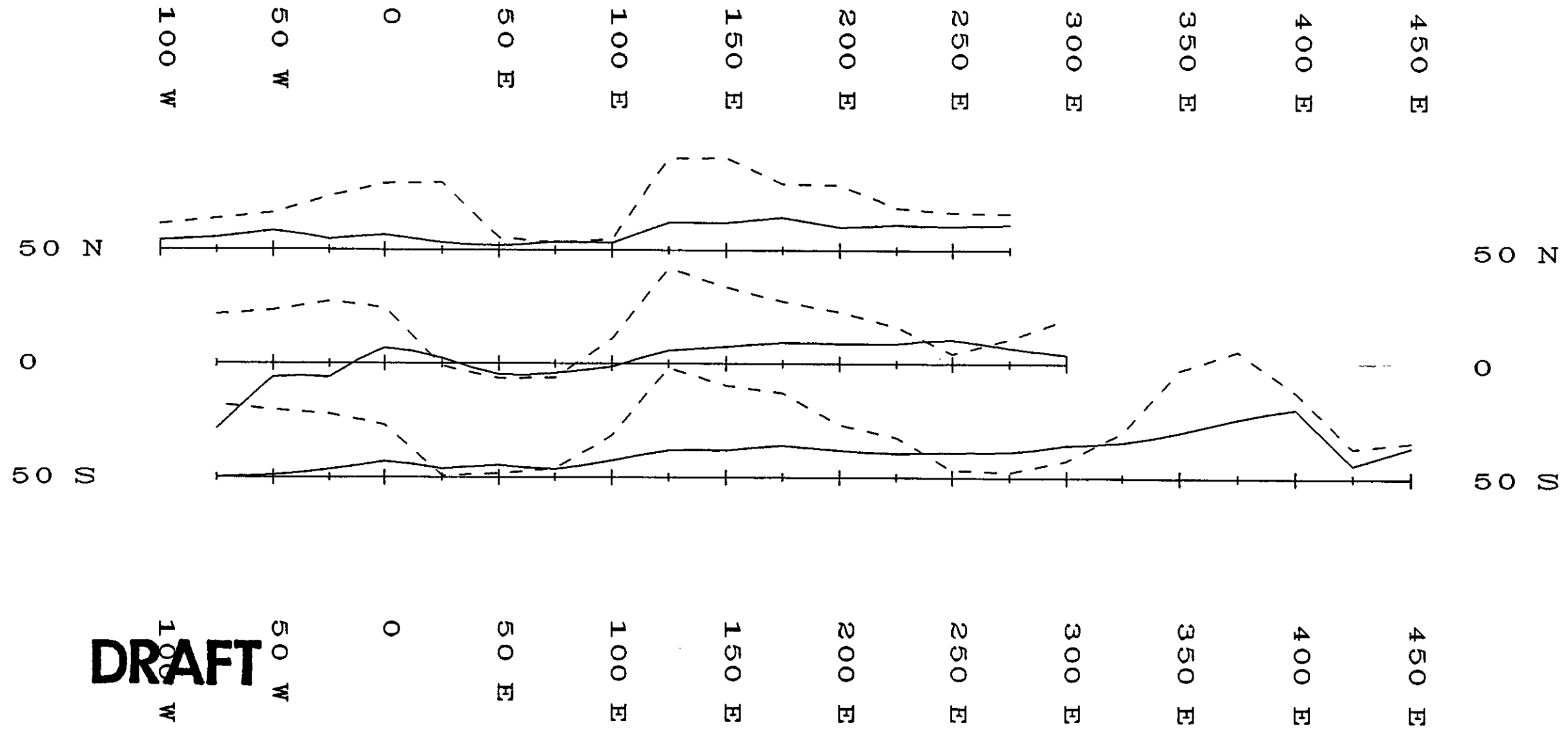
OMNI RESOURCES LTD.

SKUKUM CREEK PROPERTY
(NTS 105 D/3)

MAXMIN I-10 SURVEY

7040 Hz - 100m coils

AMEROK GEOSCIENCES LTD.

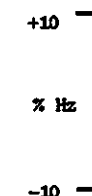
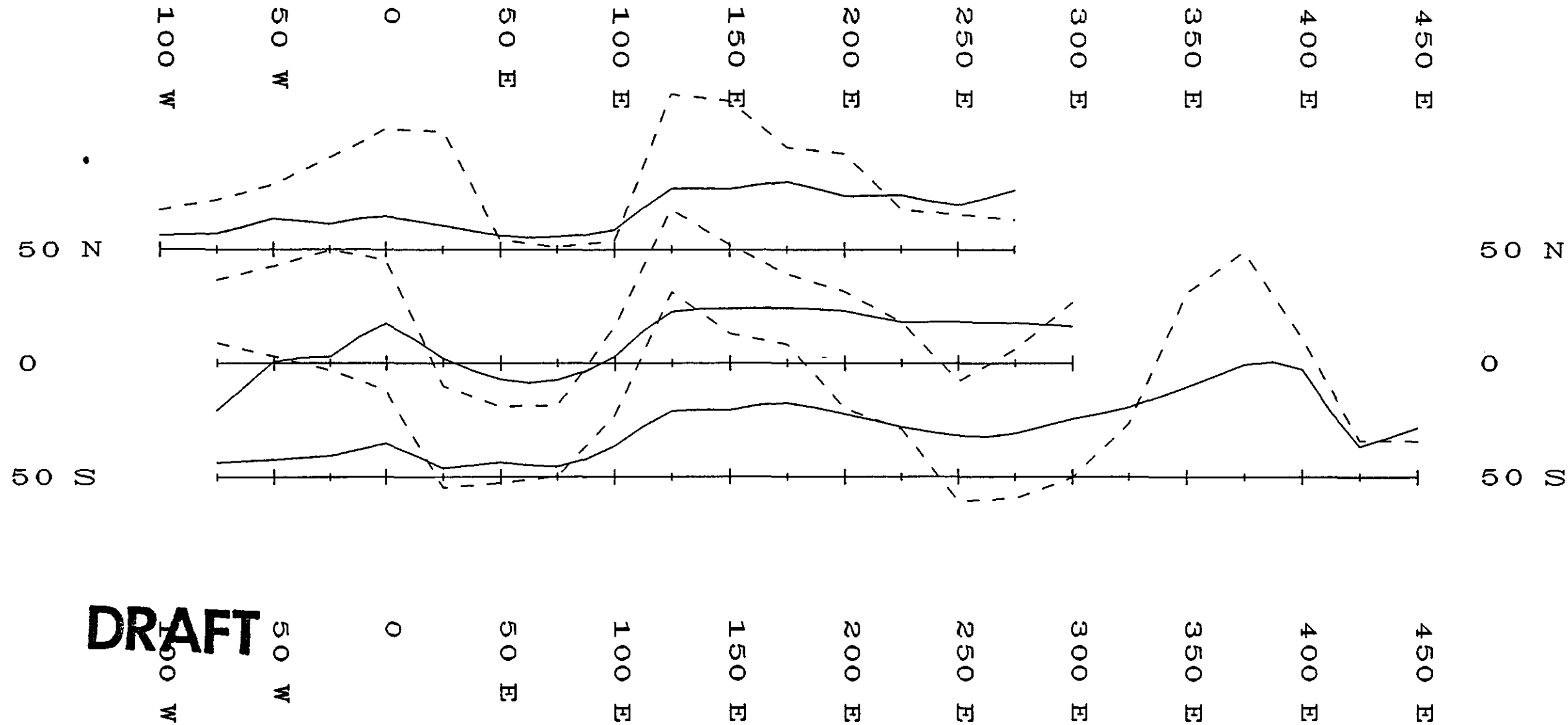


DRAFT



IN PHASE
 QUADRATURE
 Scale 1:2500
 0 metres 40

OMNI RESOURCES LTD.
 SKUKUM CREEK PROPERTY
 (NTS 105 D/3)
 MAXMIN I-10 SURVEY
 14,080 Hz - 100m coils
 AMEROK GEOSCIENCES LTD.



IN PHASE
QUADRATURE
Scale 1:2500



OMNI RESOURCES LTD.

SKUKUM CREEK PROPERTY
(NTS 105 D/3)

MAXMIN I-10 SURVEY

28,160 Hz - 100m coils

AMEROK GEOSCIENCES LTD.

APPENDIX IX

Diamond Drill Logs

Logged By: <u>G.L. Wesa/T. Elliott</u>		Field Coordinates: <u>6671355N 447550E</u>		Core Size: <u>HQ: 283m; NQ: To EOH</u>													
Property: <u>SKukum Cr.</u>		Survey Coordinates:		Hole Length: <u>1597' (486.77m)</u>													
Target: <u>TAXI ZONE</u>		Azimuth / Dip: <u>-50° @ 175°</u>		Downhole Surveys: <u>121m (-48°); 209m</u>													
Started: <u>June 3/98 (Night)</u>		Claim: <u>ERN #6</u>		<u>(-48°); 285.6m (-50.5°); 386.18m</u>													
Completed: <u>JULY 12/98 (DAY)</u>		Casing: <u>1.52m</u>		<u>(-51°); 471.53m (-51°)</u>													
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
0	1.52	CASING															
1.52	57.66	GRANODIORITE: Mainly c.g., mesocratic, weakly to locally strongly frac'd w/ fn mafic frac-fillings + stringers; local mafic xenoliths up to 8cm subhedral to euhedral feld + amphibole crystals; appears mainly fresh w/ little or no alteration; core mainly solid competent; local weak-mod propylitic 4.42-4.67; Broken core 5.00-5.70: anastomosing mafic stringers @ 40° TCA 6.86-7.16: f.g., salmon-pink, aplitic mat'l cut by minor mafic fracs 7.62-7.92: aplitic, salmon-pink; minor mafic fracs 1-2mm. 11.80-13.50: mod propylitic - pale green chl, mod sericite - altn - pale green altn of miz. feld. 13.50-17.38: local; patchy, weak-mod propylitic + phyllic altn 17.38-20.65: equigranular gd; v. cts gnd 20.65-23.15: crackle-frac'd to fragmented, clast-supported gd; initial contact @ 40° TCA - marked by 1.0cm sheared, mylonitic zone comprised of	0	2/3	1	0	3	1	0								

Logged By:			Field Coordinates:										Core Size:				
Property:			Survey Coordinates:										Hole Length:				
Target:			Azimuth / Dip:					Drilled By:					Downhole Surveys:				
Started:			Claim:					Assays By:									
Completed:			Casing:														
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		epidote ± mafics; tan-green colour; hosts epidate vn. in part; fragmented; trace thin cc lenses; localized weak to mod ckle-frac'd; 40cm zone strong ckle-frac'd @ 22.75 to 23.15m; localized traces v. f. q. py; weakly mag mafic frags common															
		23.15: dark mafic, weakly mag shear (<1.0cm) @ 45° TCA															
		24.15-26.00: ckle-frac'd to brx'd gd; subrounded to subangular clasts up to 2.0 cm; locally appear rounded + milled; 3.0 cm wide salmon-pink aplitic vns @ 23.57m and 23.90m; in part frac'd; gd matrix composed of alt'd mafics interstitial to feld; locally abundant epid ± ser alt'n; w/r locally X-cut by chl + hem frags; some minor pale brown carb alt'n (ankerite) of feld.															
		26.00-35.61: mainly pale grey-green to pale green; melanocratic; equi-granular gd; some local incipient foliation; local hbl'd laths up to 2.0 cm length; weak to mod															

Logged By: _____		Field Coordinates: _____		Core Size: _____	
Property: _____		Survey Coordinates: _____		Hole Length: _____	
Target: _____		Azimuth / Dip: _____		Downhole Surveys: _____	
Started: _____		Claim: _____		Assays By: _____	
Completed: _____		Casing: _____			

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		epid ± ser altn - patchy, localized; mafic xenoliths common - up to 15 cm; localized wk to mod ckle - frac'd in frac-filling chl + mafics wkly-dev foliation @ 30-40° TCA															
		35.61-35.92: intensely frac'd, brx'd gd w wkly-dev foliation rep. by epid + ser; minor carb (ankerite) altn of feld primarily; also fine carb (ank) frags; one lg strongly alt'd pale green rhyol frag med's 10 cm long.															
		35.92-36.15: dk green andesite dyke; upper contact @ 68° TCA; minor 1.0 mm wte carb stringers; irreg @ 45° and 85° TCA; lower contact indistinct / broken.															
		36.15-36.28: broken, brx'd, frac'd gd.															
		36.28-36.47: broken, rubbly core w pebbly clay gouge @ initial contact.															
		36.47-40.23: pale grey to dk, melanocratic gd; locally intensely epid + carb alt'd (brn ank); locally, wavy, ribbon epid + ser stringers and shears offset initial thin cc veins															

Logged By:		Field Coordinates:		Core Size:	
Property:		Survey Coordinates:		Hole Length:	
Target:		Azimuth / Dip:		Downhole Surveys:	
Started:		Claim:		Assays By:	
Completed:		Casing:			

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		epid ± dk mafic stringers/shears at 35°-40° TCA															
		40.23-40.54: broken, blocky core															
		40.54-43.98: wkly. to locally mod ckle - frac'd gd w blk mafic frac's and ribbon, narrow shears @ 35° to 80° TCA, two sub-porphyrific gd dyke phases @ 41.02-41.22 and 42.12-42.28; porph dyke phases exhibit grey carb vnlets; thin ank frags w 1.0-2.0 cm rusty halos; wk - mod epid ± ser altn; contacts distinct w upper contact of lower porph dyke marked by foliaform epid-cc ± ser. shear. W/r appears pseudo-brkd w intense ckle-fracs; intense epid-ank ± ser. altn															
		43.98-44.20: Broken, blocky core															
		44.20-48.30: mesocratic to melanocratic gd. Variably epid-ser ± chl altn. Weak to mod. foliation w epid ± ser stringers @ 45.60-46.33; intensely epidotiz'd fold w foliaform epid ± chl stringers @ 46.73-47.35; evidence of some shearing; some broken core															

Logged By:		Field Coordinates:		Core Size:	
Property:		Survey Coordinates:		Hole Length:	
Target:		Azimuth / Dip:		Downhole Surveys:	
Started:		Claim:		Assays By:	
Completed:		Casing:			

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		48.30-49.23: dk chloritic, 3-4mm stringers sub-// TCA; trace white cc stringers core has weakly devl foliation															
		49.23-49.33: foliation @ $\approx 45^\circ$ TCA - pale olive green; appears micro-porph.															
		49.77-49.97: siliceous, dk epid-chl-ank vns and dk mafic velets @ 50° 30° TCA; w/r contorted, w/ky to mod. foliated; matrix in part sericitized															
		50.75-51.90: gd w/ky fragmented w/ ≤ 1 mm to 1.0mm dk, mafic stringers running // TCA; minor rusty brn ank alth appears as halos surrounding fn. frags; some rusty halos up to 1.0-1.5 cm on core frags; trace pale grey, fn-banded qz velets @ 85° TCA; w/r mod to str. sericitiz'd $\pm$ epid alth.															
		52.52-52.72: mild shearing w/ qz-epid- ser $\pm$ ank. bands @ $\approx 45^\circ$ TCA; feld pale green - mod - int. sericitiz'd															
		53.60-54.05: rusty stringers and haloes surrounding core fines; gd mildly ckle - frac'd.															

Logged By:		Field Coordinates:										Core Size:					
Property:		Survey Coordinates:										Hole Length:					
Target:		Azimuth / Dip:					Drilled By:					Downhole Surveys:					
Started:		Claim:					Assays By:										
Completed:		Casing:															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		54.50-54.75: aplitic vns, in part brx'd, offset along f. fracs w rusty-brn haloes bordering rusty core fracs. Local patches Fe-carb alt'n; core to 57.66 mod - int sericitiz'd; locally strongly Fe-carb alt'd; locally melanocratic w high mafic content; core frac surf rusty brn to orange.															
57.66	62.94	RHYOLITE DYKE: pale grey to buff, weakly ckle-frac'ci; mainly banded to locally mod. brx'd; layering commonly offset by f. fracs; very hard, siliceous, competent core. Upper contact in part brx'd @ 40° TCA w rusty orange halo decreasing in intensity away fr contact - med. s. ≈ 25 cm wide; rhy. exhibits f. qz ± lim ± mang ± clay ± py fracs - hairline to 1.0 - 1.5 mm wide micro-dendritic blk manganese common along hairline fracs; fracs commonly rusty w v.f.g. py; trace f. diss to discontinuous ft. py in upper 75% of interval; lower 25% hosts up to 2-3% f. diss to fine f.f. py assoc. w increase in micro-dendritic mang on fracs; hairline fracs contain lim, mang ± f. py; under (1 mm) fracs commonly reheated w pale grey, translucent qz.	0	0	0	3	4	1	1								

Logged By:			Field Coordinates:										Core Size:				
Property:			Survey Coordinates:										Hole Length:				
Target:			Azimuth / Dip:					Drilled By:					Downhole Surveys:				
Started:			Claim:					Assays By:									
Completed:			Casing:														
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/ft	Ag oz/ft
		Lower contact sharp @ 45° TCA, marked by minor clay ± Fe-cork alt'n.	3	3	3/4	1	2/3	1	0								
62.94	72.40	GRANODIORITE: crse gn'd to v.c. gn'd. mainly equigranular, anhedral to locally euhedral crystals; locally sheared; mildly foliated; locally strongly shear-fract'd; weakly to strongly propylitiz'd; trace local ckle-fract'd; frags and wavy / ribbon / shears common; enclosed by rusty halo up to 1.0 cm wide															
		62.94-63.30: upper margin int ser ± chl ± epid alt'd; mod brx'd w single 3-4 mm cc. vn @ ≈ 70° TCA enveloped in 1.0-2.0 cm halo f. chl (intense propylitic halo).															
		63.30-63.52: rusty-stained, pale grn-grey rhyol dyke w <1% patchy v.t.g smoky grey to blk sulph; upper & lower contacts indistinct & brx'd for ≈ 1.0 cm @ ≈ 40° TCA															
		65.32-65.66: rusty tan-pale grn rhyol dike; minor micro-dendritic mang along hairline frac, some rehealed frags (gz) single 2-4 mm gz-sulf vnlet (py, sph, aspy, lim) @ 40° TCA, in part d'splaced / offset by frags.										85822	65.32	65.71	0.39		

Logged By:		Field Coordinates:		Core Size:	
Property:		Survey Coordinates:		Hole Length:	
Target:		Azimuth / Dip:		Downhole Surveys:	
Started:		Claim:		Assays By:	
Completed:		Casing:			

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		upper contact sharp & irreg; lower contact sharp @ 40° TCA - gd appears mildly brx'd. foliated; rusty yellow for 8.0 cm away fr. contact															
		69.69-70.09: rusty-orange to pale green rhyol dyke in qz-sulf flooding near lower contact: initial contact sharp, v. irreg, rusty stained, W/r str ser-chl ± epid alt'r'd, mildly sheared & foliated; rhyol encloses lg clast of gd, pale blue-grey qz flooding hosts 2-3% fidds to small blebs ga, py and minor patches v.f. a smoky grey sulf; minor patchy epid + ser. enclosed in qz; lower contact sharp @ 40° TCA - W/r wkly brx'd for few cm										B5823	69.69	70.09	0.40		
		70.16-71.26: buff-tan, locally rusty rhyol dyke exhibiting weak flow-banding; minor, local brx'n; minor qz-healed fracs; trace extremely f.g. py in small patches & f. dissem initial & final contacts v. irreg but sharp; W/r intensely ser-chl ± epid alt'r'd; finer grained matrix															

Logged By:		Field Coordinates:										Core Size:					
Property:		Survey Coordinates:										Hole Length:					
Target:		Azimuth / Dip:					Drilled By:					Downhole Surveys:					
Started:		Claim:					Assays By:										
Completed:		Casing:															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
72.40	79.74	RHYOLITE DIKE: pale green to buff-tan to grey; massive to flow-banded w/ pervasive, minor to locally abundant frac pattern; initial contact indistinct-marked by rusty core frac w/ ≈ 16 cm of brx'd rhyolite @ upper margin - @ 45° TCA; final contact irreg but sharp roughly $\perp$ TCA; footwall of brx'd and int epid $\pm$ chl $\pm$ ser alt'd.															
		72.40-74.56: buff-tan rhyol w/ weak ckle-frac; some fracs meas 1-3 mm and rehealed w/ pale green-grey qz; Trace to minor py as v. f. dissem, fn frac-filling and small dark patches meas. 1-2 mm; also as discontinuous thin lenses + narrow clots along fracs; fracs @ 10° - 45° TCA; fracs commonly rimmed w/ narrow lim halo; approx <1.0 - 1.0% sulf.															
		74.56-79.03: smoky-grey to tan-grey rhyol; typically mottled to flow-banded w/ up to 5-8% sulphides as v. f. diss to patchy to frac-filling py; sulf content pervasive throughout interval; locally mod ckle-fract w/ hairline to 1.0-2.0 mm sulf fracs; fracs commonly rimmed w/ limonite halo up to										85824	74.56	75.56	1.0		
												85825	75.56	76.56	1.0		
												85826	76.56	77.56	1.0		
												85827	77.56	78.56	1.0		
												85828	78.56	78.84	0.28		

Logged By:		Field Coordinates:										Core Size:					
Property:		Survey Coordinates:										Hole Length:					
Target:		Azimuth / Dip:					Drilled By:					Downhole Surveys:					
Started:		Claim:					Assays By:										
Completed:		Casing:															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		79.03-79.74'; buff-tan to mottled grey rhyol in weak ckle fracs; avg 2-3% f. diss to patchy to fn frac-filling py; mang on frac surfaces.															
79.74	91.35	GRANODIORITE; crse to v. crse gnd; equigranular; subhedral to euhedral crystals where fresh; anhedral to mottled where alt'd; typically mod to intensely propylitized; locally int. sericitized ± mod to str Fe-carb alt'n; commonly exhibits wkly dev foliation some local ckle-fracs; mafic xenoliths present meas up to 8.0 cm; w/r mesocratic - grey to greenish-grey	2/3	3	3/4		2	1	0								
		88.68-89.22'; broken, fragmented core in abund clay gouge (fault) F/W + H/W wallrock appears int epid-ser ± chl alt'd; mod. foliated w dk mafic patches; fault gouge str calcareous	4			4											
		Footwall contact broken, fragmented, strong carbonaceous.															
91.35	100.00	ANDESITE DYKE: v. dk greenish-blk to blk; f. g. matrix; trace fn qz and cc fracs; locally minor, weak ckle fracs; mod to locally str carbonaceous	3/4	3	0	0	1	2	1								

Logged By:		Field Coordinates:		Core Size:	
Property:		Survey Coordinates:		Hole Length:	
Target:		Azimuth / Dip:		Downhole Surveys:	
Started:		Claim:			
Completed:		Assays By:			
		Casing:			

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
100.00	130.85	GRANODIORITE; mesocratic; anhedral to euhedral crystals; equigranular; coarse to v. coarse crystalline; weak to mod ser + epid ± chl. alt'n; upper contact sharp but offset along fracs; 101.10-102.61: andesite dyke enclosing lg xenoliths of gd up to 17 cm long. 102.61-120.33: mainly v.c. cryst, wkly to mod. propylitiz'd, sericitized gd; locally shear frac'd w narrow zones weak foliation; dk, mafic phases common; local qz veins and stringers @ 30° - 40° TCA, some mafic (chloritic) stringers. 120.33-120.55: lg mafic (chl-epid) inclusion 120.55-125.80: abund, reg. spaced dk gm to greenish-black, mafic shears and stringers X-cutting str. ser ± epid alt'r'd gd; wkly carbonaceous; gd locally exhibits incipient to mod foliation; mafic shears @ 45° - 135° TCA. 125.80-130.85: thin, more widely spaced ser ± chl fracs + stringers; lighter colored core; minor mafic clots	2/3	3/3	3	0	3	2	0									

Logged By:		Field Coordinates:										Core Size:				
Property:		Survey Coordinates:										Hole Length:				
Target:		Azimuth / Dip:					Drilled By:					Downhole Surveys:				
Started:		Claim:					Assays By:									
Completed:		Casing:														

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		with anhedral boundaries - up to 5.0 cm across															
130.85	131.50	RHYOLITE (DYKE?); pale to med green; str. silicified; med ckle - fric'd to brkd; abund hairline qz fracs; H/W contact sharp @ 50° TCA; F/W contact sharp @ 65° TCA; Tr to minor v.f.g. sulphides (up to 1-2% locally) as f. dissem to f.f. py.	0	0	0	0	4	3	2			85829	130.85	131.50	0.65		
131.50	164.51	ANDESITE / PORPHYRITIC ANDESITE (DYKE) med. to dk green w fine grd to porphyritic phases; wtkly to mod. carbonaceous; trace to locally abund epid ± carb ± qz ± chl vns + stringers.	2/3	2/3	1	0	2	2/3	1								
		131.50-132.52: f.g., dk green; some evidence of offset along qz ± chl fracs															
		132.52-134.62: porphyritic phase; approx 10-12% wtk to pale green plag. feld phenos in mottled med to dk grn matrix; trace wtk carb stringers (1.0mm) @ 10-15° TCA; some wtk carb fracs.															
		134.62-135.42: f.g. homog grades; upper contact @ 70° TCA; lower contact wavy @ 10° TCA															

Logged By:			Field Coordinates:										Core Size:				
Property:			Survey Coordinates:										Hole Length:				
Target:			Azimuth / Dip:					Drilled By:					Downhole Surveys:				
Started:			Claim:					Assays By:									
Completed:			Casing:														
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		135.42-149.79: porphyritic phase, mottled med-dk grn; epid-calcite vns, vnlets and stringers common @ variable angles TCA; Tr. to minor chl and epid ± carb frags; one lg inclusion of gd.															
		149.79-150.89: f.g. homog phase															
		150.89-164.51: micro-porph to porph phase; abund epid-cc ± chl stringers and frags; minor irreg to ribbonary into cc stringers; dk mafic clots and ovoid patches common; final 1.5 m of interval strongly epid-corb. altr'd; transitional into str. altr'd gd.															
164.51	166.92	GRANODIORITE: upper contact w porph andesite gradational, sheared w 10-12cm zone of epid+dk mafic stringers and frags @ 45° TCA; gd mesocratic w v. crse hable crystals up to 5-6 mm in mainly darker chloritic plag feld matrix	0	1	2	1	3	1	0								
		166.20-166.44: crse cryst, equigranular, salmon pink - pale orange monzonitic phase; upper + lower contacts sharp but irreg @ ≈ 40° TCA															
		166.72-166.92: monzonitic phase; separated															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		from previous monz. phase by andesite inclusion / xenolith; lower margin of gd broken, fragmented w some tan clay gouge.															
166.92	177.62	ANDESITE PORPHYRY / ANDESITE; mainly microporphyritic w anhedral to euhedral plag. feld. crystals in mottled, epid-carb alt'd matrix; includes non-perph phases up to 1.0 m in length; abund, reg. spaced fracs. rimmed w epid halos up to 1.0-2.0 cm @ random angles TCA; matrix variably epidotized producing mottled green appearance; little or no fracs w epid in homog phase.	2/3	3	2	1	2	3	1								
177.62	179.80	FAULT BRECCIA / QUARTZ VEIN; Intensely broken, pebble core; rubbly fragmented vuggy qz vein w drusy qz-lined vugs; pale blue-grey to med grey qz w abund wite clay on fracs + broken irreg. core surfaces; encloses minor crse calcite aggregates plus rounded; alt'd gd. inclusions	4	0	1	4	4	0									
179.80	191.12	GRANODIORITE; mesocratic; crse to v. crse cryst. equigranular; grey to pale tan-grey to locally salmon pink (str K-span alt'd); anhedral to subhedral	2	2/3	2	0	3	3	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		crystals; variably foliated - weak to locally mod. foliation w/ local mildly brx'd appearance; dk (chloritic) stringers and shear fracs common; lg patches of intense K-spar ± epid alt'n of feld. narrow epid-carb stringers common @ variable angles TCA															
		183.26-183.36: trace moly as small blebs and frac fillings.															
		183.51-184.20: core salmon pink fr int. K-spar alt'n w/ abund epid-calc stringers and veinlets; Wlr appears mod. frac'd w/ offset of veinlets by fine fracs.															
		184.20-188.62: mod. propylitized; minor sericitic alt'n; cut by reg.-spaced epid-carb, chloritic and dk mafic fracs; weak ckle-frac'd; tr. mafic xenoliths.															
		188.62-188.96: andesite dyke - upper contact @ 10° TCA; F/W contact sharp @ 45° TCA.															
		188.96-191.12: gd - pale grey to pinkish grey w/ locally wkly to mod. ckle-frac'd; locally abund anastomosing blk mafic stringers mod. str propylitized; anhedral to															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		subhedral texture; little or no foliation lower contact @ 23° TCA.															
191.12	209.68	ANDESITE / PORPHYRITIC ANDESITE -dark green to black; f.g. to med gnd; hosts "dioritic-looking" phase w/ med gnd texture; sub-porphyrritic w/ 3.0-4.0 mm euhedral hnbl laths enclosed in equigranular, anhedral to subhedral plg feld-chl ± ser matrix some local qz ± carb frags + vlnets W/r appears transitional betw'n f.g. (andesitic) and med gnd (dioritic) phases.	2	2 1/3	0	1	2 1/4	3	3 1/4								
		191.44-191.97: pale to med grey qz vln'd and quartz-flooded andesite dyke with 10-15% sulphides (py-asp- sph-ga) as discontinuous stringers arse clots + aggregates, dissem and trace irreg patches hosted in up to 1.0 cm qz vns and in brkd qz; qz vns @ 20° and 45° TCA; gangue comprises qz-epid-chl-cc sph variety; med-dark brown; vns, frags + stringers have bleached margins										85830	191.44	191.97	0.53		
		191.97-192.67: f.g. dk andesite dyke X-cut by qz frags + 1.0-3.0 mm qz vlnets; Tr. carb frags w/ miner diss to discontinuous py.; vlnets										85831	191.97	192.23	0.26		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		locally offset by f. frac; bleached margins - pale grey															
		192.67-192.83: silica-flooded andes. w/ 3-5% py assoc w/ 1.0 cm qz vn @ 135° TCA and 2.0-3.0 cm carb stringer @ 40° TCA; minor sph as grains and small crystals py weakly dissem in silicified matrix; host is dk green andesite										85832	192.23	192.83	0.60		
												85833	192.83	194.16	1.33		
		194.16-194.91: silica-flooded, qz vnd andesite w/ up to 10-12% sulphides (py-sph ± aspy) as crse clots & aggregates in qz vn; small to lg granular py; fn frac-fillings; stringers and weak to mod dissem in matrix; W/r mildly to mod ckle-frac'd; carb and qz frac + stringers common; very hard, siliceous ("rhyolite-looking")										85834	194.16	194.91	0.75		
		194.91-195.36: blocky, broken core										85835	194.91	195.36	0.45		
		195.36-195.58: 1.0-2.0 cm wide carb + qz vns @ 45° TCA hosting crse aggregates and semi-massive patches + clots py + sph w/ tr dissem ga in siliceous andes matrix; andes str. chl altd; wkly carbonaceous; encloses minor										85836	195.36	195.58	0.22		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		anhedral mafic clasts / inclusions 15-20% sulphides in qz-carb vns.										85837	195.58	195.88	0.30		
		195.88-195.98: 1.5 cm qz-epid vn @ 45° TCA w 12-15% dissem to coarse aggregates py, sph w tr. ga; W/r X-cut by fn carb and qz frags and stringers.										85838	195.88	195.98	0.10		
		195.88-205.00; "dioritic" phase - med crystalline; mesocratic to melano- cratic; epid ± carb ± chl stringers and frags common; <1.0 cm pale grey qz vn @ 45° TCA w minor dissem py; sph & ga.															
		198.84-198.94; 7.0-8.0 cm banded qz. vn w v. coarse dissem to semi- massive aggregates py w minor dissem to clots sph; hosted in f. g. homogenous, dk grn-blk andesite.										85839	198.84	198.94	0.10		
		quartz-epidote vn @ 200.00- 200.07. broken core @ 200.15-200.25															
		205.00-205.75; f. g. andesite phase; broken, blocky core in lower 20 cm															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		205.75-208.50: med-grnd "diaritic" phase w thin epid or epid-qz stringers; minor, wavy carb stringers @ 45° to // TCA; strongly epid-ankerite-alt'r'd gd inclusion at lower 35 cm of interval															
		208.50-209.68: f.g. dk greenish-blk andesite dyke															
209.68	226.50	GRANODIORITE: pale grey to greenish-grey to tan-grey; coarse to v. coarse cryst, equigranular; anhedral to locally anhedral crystals; wkly to locally int. propylitized & sericitized.	2	3	3	1	3	4	0								
		210.33: 8.0 cm sheared qz. vn w tr sulphides @ 85° TCA															
		210.53-210.93: sheared, mildly brkd gd.															
		210.93-211.73: andesite dyke; H/W contact @ 45° TCA; F/W contact @ 30° TCA.															
		211.73-211.94: ckle-fract'd gd w abund chl. shears.															
		211.94-212.19: andesite dyke															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		212.19 - 213.00: mod. sericitized; mod ckle-frac'd w̄ abund chl ± epid fracs + shears.															
		213.80 - 214.05: qz-sulf flooded gd w̄ v. f. g. to cise aggregate + semi-massive clots py in tr. sph; py stringers and frac-fillings; tr dissem. in matrix; approx 8-10% sulphides										85840	213.80	214.05	0.25		
		214.35 - 214.55: intensely foliated gd w̄ abund chl-carb ± ser stringers															
		215.19 - 216.00: mod-str sheared gd w̄ some local ckle-fracs.															
		216.49 - 217.80: intensely sheared gd w̄ locally v. str. ckle-frac pattern; abund epid-cc or dk mafic frac and stringers															
		217.80 - 218.70: intense shearing, some local brxn w̄ local str. ckle-frac'd															
		218.70 - 219.15: mod to str K-spar altn w̄ abund epid veining; gd appears pale salmon-pink															
		220.00 - 220.90: 2.0 cm aplite vns w̄															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		minor epid @ 30° TCA; W/r sheared along epid ± K-spar and dk mafic frags @ 30° TCA; dk mafic stringers running sub- TCA (TO 221.43); mafics mod to str epid ± chl-altr'd; plag fold weakly to mod sericitiz'd.															
		220.90-226.50: grey to greenish-grey; locally hosts mafic clots/patches; becoming increasingly propylitized in abund epid-carb filled frags; mod ckle-fract'd in blk mafics and brx'd matrix; F/W contact brx'd, silicif'd + marked by thin epid-cc stringer @ 50° TCA - contact distinct															
226.50	238.57	ANDESITE / PORPHYRITIC ANDESITE: dk greenish-black to locally mod-dk greenish-grey charac. of "diaritic" phase; upper + lower contacts sharp @ 50° TCA - lower contact marked by 5.0 cm grey qz lense; andesite gradational betw f.g and micro-porphyrific; v. hard, competent core trace ckle-fracs "diaritic" phase charac by subhedral - euhedral plag. feld phenos up to 3.0 - 4.0 mm in dk grey-green mafic gndmass.	2	3	1	0	4	2	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		229.34-229.75: med-dk grey, mildly bleached core w // epid frags & irreg epid patches up to 1.0 cm in micro-porph gndmass; mild silica flooding; trace dissemin sph in epid-cc frags; plag feld commonly epidotized-pale green.															
		231.60: 1.0 mm qz-epid frac @ 35° rca w 3.0-4.0 mm bleached, epidotz'd margins.															
		234.28: 8.0 cm weakly bleached core-med-dk grey; surrounding zone of weak-mod ckle-fracs.															
		237.57-237.80: strongly silica-flooded, mod ckle-frag'd; mild brxn; pale to med grey colour; abund epid, qz and mafic frags; irreg clots and patches epid & chl margins indistinct, diffused.															
238.57	319.09	GRANODIORITE (w MONZONITE-PHASE) Leucocratic to mesocratic; coarse to v. coarse cryst; equigranular; grey to greenish-grey to locally salmon-pink w shades of buff-ton; variably ckle-fract and sheared.	1	3	3/4	1	3/4	3	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		238.57-241.70: mesocratic to dk core; mainly cut by dark mafic shears; abund X-cutting epid ± chl frags; some narrow grey qz vnlets up to 4.0 mm; gd locally intensely crkle- frac'd to brx'd; euhedral to anhedral texture w local total altn of matrix to chl + epid.; feld commonly exhibit epid ± ser. altn; some altn halos surrounding plag. feld; intense shearing / brxn near lower margin															
		241.70-242.90: med grey; silicif'd, int sheared and brxd; original texture obliterated; minor qz vns, qz-epid fracs @ 35°-45° TCA; some anhedral relict plag feld crystals; trace mafics; matrix str. phyllic alt'd; tr. v.f. dissem py in matrix															
		242.90-243.90: leucocratic to meso- cratic; slightly less int. phyllic alt'd; intensely silicif'd matrix weak gneissic texture @ 45° TCA ≤ 1% mafics - w/r appears monzonitic															
		243.90-244.50: intensely silicif'd, qz - flooded; med. pinkish-grey; int. sheared w hairline to 2.0 mm															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		fracs, locally filled w smoky grey to blk, v.f.g. sulphide; tr. irreg patchy - mears cpy. assoc w bxd qz-chl shear - approx 1.5 cm width.										85841	243.81	244.31	0.5		
		244.50-245.82: leucocratic, int qz-ser ± chl alt'd gd; 1-2% mafics; int. sheared; minor pale buff K-spar alt'n; abund epid ± mafic frags; one irreg, 1.0-2.0 mm frac filled w v.f.g. smoky-blk sulphide. @ 50° TCA; frags @ 30°-80° TCA.															
		245.82: core v. competent, hard down section; gd equigranular; crse to v. crse crystalline															
		248.24-249.87: mod ckle-fract; mafics ± epid f.f.															
		250.75-250.82: shear foliation marked by ribbon / wavy texture; matrix distorted, cut by epid frags; mod bxd proximal to shear															
		251.00-251.45: gd int sheared w X-cutting frags.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		251.45-258.56: gd cut by abund. fairly reg-spaced, commonly ribbon/irregular chl-epid shears; frags commonly exhibit chl ± epid halos; frags randomly oriented // to ⊥ TCA. several episodes of displacement evident fr. offsets along frags															
		258.56-258.80: gd int. ser + K-spar altd core pale green to salmon pink-orange															
		258.80-265.06: mod. sheared; chl + epid frags @ 30°-80° TCA.															
		265.06-272.35: As above w. chl → mafic. plagioclase white; (qtz) relatively fresh - 270.18m = 1-2mm. Q + chl-epid. - ser - <u>CPY</u> -PX vein at 20° to c. axis - locally 2-3% epid ~~after~~ plag							1								
		272.33-274.54m - Gd darker bc- cause of "sheeted" Q-chl. fract and veinlets ca. 60° to c. axis; spacing ≈ 1cm - 4cm. - this zone ends in 1-3 cm. K-spar - Epid Q vein which is very irregular at 25° to c. axis.							0								
		274.54-278.75m: C. Gr. Gd w.							1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		pink rim and whole plagi. replacement by K-spar(?). Not pervasive except locally; in some areas no replacement occurs															
		278.75 - 281.71m: Zone of crackle fracturing which is locally intense in 2 subzones w. ductile and brittle shearing. In each of the subzones is a vein 1mm - 2cm of Q-Ser-Carb-Chl + Py and minor cpy; Veins are 20-30° to c. axis.							1/2								
		* 281.71 - 286.32m = Mixed zone of prop. unhealed Gd and sections 4cm - 30cm long w. healed															
		* ductile shears c.f.g. Q-chl-epid-ser and pink K-spar margins. Zone ends in a 12cm mylonite (healed) at 60° to c. axis. <u>THE ABOVE 2</u>															
		* <u>ZONES MAY BE A HEALED FAULT ZONE</u>															
		286.32 - 292.13m = light gray C.g. Gd w. Q-chl on fract 30-45° to c. axis.															
		-288.15 - 288.41m = healed ductile shears w. pink K-spar? Shears 30-60° to c. axis.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
	*	292.13 - 292.83 = HEALED DUCTILE SHEAR ZONE w. healed shears 30-45° to c. axis. As from 281.71 - 286.32m crackle fract. common w. healed mylonite.															
		292.83m - 319.09m = same as from 286.32 - 292.13m. Healed ductile shears 3mm - 1cm locally. Comp'n = Q - Ser - Chl.							1/2								
		- 294.98m = 1-2% diss py w. chlorite over 1-2cm.															
		- Healed shears not common but where present are 30-45° to c. axis.															
		- 303.10 - 303.49m. - ductile, healed shear zone at 45-70° to core axis. Strong banding w. Q - Ser Chl. ± arkerite (?)															
		- 309.46m = 1cm. healed myl. shear of Q - Ser - Chl - Py ± minor silver sulphides? at 50° to c. axis.															
		- 314.74 and 314.80m = 2 small Q - MnS ₂ ? v. lts. 1mm and 3mm thick at 80° and 70° to core axis.															
		- 315.20 - broken (at both ends) Qtz - Carb - Epid. in at 50° to c. axis. White Qtz ≈ 8mm - 1.2cm.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		- 315.43 m = 3mm Q vn at 30° to C. axis.															
		- 317.93 m = minor diss. pyrite.															
319.09	320.49	QUARTZ VEIN ZONE w. POOR RECOVERY	1/4	4	2	2	-	4 1/2	0			85842	319.09	319.73	0.64		
		- contacts not seen	1/4	4	2	2	-	4	1	5	0	85843	319.73	320.49	0.76		
		- banded (1-2 mm) gray and predominantly white areas of quartz; variable banding 30-60° to C. axis															
		- AREAS OF ANGULAR QTZ BXA															
		- 50-60% of recovered pieces are QUARTZ															
		- Tr. diss. py? on occasional fract															
		- VERY VUGGY chalcedonic qtz. locally; shearing and vuginess may be frequent for some recovery															
		- Stages of Gd w. internal propyl alt'n; strong brown CARB.															
320.49	421.89	PROPY. GRANODIORITE w. local R-spars ALT'N & MYLONITE (HEALED)	2	4	0	3	1	-	9	1	1	8					
		- 322.3 m - MnS ₂ on shear fract. adjacent to 2mm-3mm Qtz vein @ ≈ 45° to core axis.															
		- 326.44-327.10 m = ductile healed curvy shears of Q-chl-epid-ser; shears 1mm-1cm and 60° to core axis															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		- 327.10 - 339.45 m - nearly 100% RQD in massive "rods" of drill core. Occas. ductile shears or chl. on fract.															
		- 339.45 - 343.45 m = moderately fractured zone w. RQD = 86									86						
		Occas. ^{BRITTLE} fault gouge as noted below:															
		- 339.85 m = 1-3 mm healed myl. sh. 25° to c. axis.															
		- 340.00 - 340.20 = Crackle fractured ending in hairline shear at 45° to c. axis. Dark calcification from matrix chl.															
		- 340.32 m = white calcite vein 3mm - 1cm across at 30° to c. axis.															
		≈ 341 - 342 m = strong fracture zone w. local fault gouge esp at 341.33 - 341.38 m															
		- at 342 m = 5 cm fault gouge (brittle) at 40° to c. axis.															
		- 343.31 m = fract & diss. MoS ₂ (?)															
		- only a minor occurrence.															
		- 344.61 - 344.64 m = 3 cm zone of Q-chl-ser-PY-CPY-silver sulphide (3% total sulphides) at 30° to core axis.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		-346.18 m = 4 mm zone w minor m. gr. CPY in Q-chl-ser selvage at 30° to c. axis.															
		-355.10 m = 2x Q-epidote veins 2-3mm across at 20° to c. axis; (ie) hole is following SOUTH-DIPPING veins ✓															
		-358.63 m = 3mm Q-Chl-Py -Po (pyrochroite) vein at 45° to c. axis															
		-360.24 m = 2-3mm Chl.-epid. healed shear at 20° to c. axis in otherwise extremely massive TOMBSTONE ROCK (G.D.-c.gr.)															
		-364.0 to 364.26 = 2x 2-3mm Q-chl-epid & Q-ser healed shears at 10° and 30° to core axis with opposed dips (apparent) in core.															
		-367.17 - 367.47 m = Zone of healed ductile shears (< 2mm across) of Chl-Ser-Otz.															
		* - 370.42 m - 377.52 m = ZONE of med. gray crackle fracturing and healed shears. Upper contact															

↓
HEALED SHEAR (MYLONITIC) ZONE

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
		45° to c. axis. Patchy silicic; occas. epid. vults. or chl. vults. 2-3% epid. mainly in 2-3mm grains Only occasional diss. py grain (v. fgr.) - 372.13 - 372.43m = 2cm. myl- onitic healed shear at 10-15° to core axis = Q-ser-epid typical of the overall zone - 373.4m - 4mm - 8mm Epid or chl. ass. w. healed fract. at 45° to c. axis -- 374.38 - 374.60 = strong mylonitic healed shear; upper contact 45° to c. axis = Q- Ser-Epid predominant. - 376.99m = 1-2cm broken (fract) and healed aplite at ca. 15° to c. axis - 377.99m = lenses (1-2mm) of white carb w. 1cm selvage (total) of green chl-ser-Qtz & minor py at 15° to c. axis. - 378.79m = 5mm Chl-Ep ± carb healed shear at 15° to c. axis. * ONCE AGAIN NOTE ACUTE ANGLE OF ALT'N TO CORE AXIS. - 380.68 - 381.68m = pink K-spar alt ^d section. Local bxation.																

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/ft	Ag oz/ft
		-385.60 C. gr Gd becomes fresher, less sheared and veined.															
		-389.83m = 1mm-6mm variable epid. w. carb. etc (very thin) along fract at 15° to core axis.															
		-391.21-392.51m = sheared thin chloritic fract. healed at 45-60° to core axis.															
		-394.13-394.33m = three(3) light grayish green healed mylonitic shears; soft - Hardness = 3 (ie) healed clay gouge at 45-70° to core axis.															
		-398.00-398.70m = chloritic fractures mainly at 70° to core axis.															
		-400.86m = 2-7mm gray Qtz. vein (unusual) at 75° to core axis; has very thin epid - ser = chl on margins. NO OTHER SELVAGE!															
		-401.35m = Tr. diss. PY ass'd w. epid - chl.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		* - 402.77 m = 1 cm. healed shear of Q-Ser-Chl-Carb in diss. PIRITE and CPY. COMMENT: perhaps leakage at an ACUTE ANGLE once again.															
		- 404.42 - 405.40 m = DARK GREEN ZONE of. Pervasive grains of CHL ± EPIDOTE; 1 local patch of pink K-spr alt ~ 7 cm across; crude concn of chl ± epid at ca. 30° to c. axis															
		- 407.95 m = 1-3 mm. epid. vn at 20-25° to c. axis.															
		- 412.02 - 412.93 meters = thin banding to 2mm Epid - Q - Ser ± PY. Fract running along core axis.															
		- 419.12 m = healed mylonitic Q-epid shear 1 cm thick at 15-20° to core axis															
		- 419.96 - 421.89 m = halo of 6 X 2-4 mm epid veins at 15-30° to core axis.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
421.89	423.45	<u>HANGINGWALL MINERALIZED ZONE ABOVE A FRACTURE AND FAULT ZONE in C.G. Gd.</u> <u>Samples for assay as follows:</u>															
		*421.89-423.29m = Locally alt ^d and veined propy. cigr. Gd.	1	3/4	4/4	1	1/2	2	1			E					
		-421.89-421.98 = 2-5mm gray Q vn at 55° to c. axis w/ green selvage of Q-Ser-chl											421.89	423.29	1.40		
		-422.12m = 5mm gy Qtz. vn cutting across Q-Ser-chl selvage. Vein faulted off and crosscuts selvage. Vn = 75° to c. axis and selvage = 50° to c. axis with opposite dip dir. res.															
		-422.47m = irreg. 1mm Q vn w. Q-Ser-chl. selvage 1cm on either side + to Pyrite. Vn ≈ 45° to c. axis.															
		-422.84 = 2x 2-5mm gy Qtz. vns at 55° and 70° to c. axis join at one end.															
		* → 423.29-423.96m = Zone of STRONG ALTERATION of Q-SER-CHL in the center of which is a veined Q-Sx and Q-Sx Bx vn ca. 8cm long.	1	4	4	1	1/2	1/4	1/3			10085845	423.29	423.96	0.70		

w. 2-3% Py + minor cpy and minor Sl. Vn ≈ 50° to c. axis.

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		→ 424.63.															
		→ 423.96 - Rel. fresh Gd. 2 X 2-3 mm Q v. n. / un. has mylonitic Q-Ser-Pht. selvage for 1 cm	1	3/4	1/4	1	1/2	2	1		100	85846	423.96	424.63	0.67		
		→ 424.63 - 426.10 - Propy. Gd.	1	3	1	1	0	1	1		91	85847	424.63	426.10	1.47		
		→ 426.10 - 427.69 m.															
		→ Propy. Coarse Gr. Gd. with longest 30 cm = mgr-c.gr. Gd w. less (5%) matrix; (ie) possibly a finer grained dyke	1	3/4	2	1	1	1	1		85	85848	426.10	427.69	1.59		
		* → 427.69 - 428.85 m = Mineralized zone 30% of which is strongly altered. Zone characterized by minor PY-Ser - Gr. mineral. May be a few specks of visible gold?? Host = C. gr. Gd - 3 1-2 mm veins; 2 ac at 70° to c. axis and 1 is 30° to c. axis	1	3/4	1/4	1	1/4	2	2		90	85849	427.69	428.85	1.16		
		→ 428.85 - 430.44 m - Alt'd Gd. w. 15% of zone (near beginning) characterized by pinkish feldspars (K-feldspathization?) 2 small Q vns: 5mm at 80° to c. axis and 1mm at 20° to c. axis; also 1-3% epid. locally.	1	3/4	1/3	1	2	2	1		100	85850	428.85	430.44	1.59		
		→ 430.44 - 431.60 m = Strongly propylitized and lightly K-feldspathized Gd															

See core recovery sheets!

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		→ 431.60 - 433.45 = FAULT AND FRACTURE ZONE - Very LOW RQD = 0.05!! Local gouge at 20° to c. axis; carb. locally on fract. 10-300 to c. axis. Q-carb. ash was at various angles - not important volumetrically									0.05						
433.45	486.77	PROPYLITIZED G. GR. GD. w. alteration becoming weaker to end of hole.	1	4	1	1	0	1	1/2		0.35						
		- 433.45 - 437.85m - approx. 25% of Gd solution rich from K-spar (?) (could be albite!!) alteration.															
		- 437.85 - 438.25m = Zone of strong fracturing (RQD=0). 2cm ³ crystal of calcite in one piece of rock															
		- 438.25 - 438.60m = 1/2% PYRITE in randomly oriented, fine irregular splinters. No other sulphides. Minor pink feldspar.															
		- 447.20m = 1-3mm epid. along fract. at 10-150 to c. axis. OTHERWISE Gd gray w. propy. alt.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		- 450.69 to 450.79 m = Several 1mm - 5mm Q-Ser-Carb healed mylonitic shear at 70° to c-axis															
		- 451.05 - 451.15 m = Tr. diss. PYRITE															
		- 452.36 m = 3mm Q-Carb vein at 15-20° to c-axis. GRANDIORITE BECOMING VERY FRESH; only light chl. of biotite and hblite; plag is fresh w. zoning easily seen															
		- 459.22 m = at 70° to c-axis is 3mm - 8mm Q-Ser-Epid. ductile, healed shear															
		- 461.59 m = X-cutting area 1cm - 3cm thick of Q-EPIDOTE w. pink (Ksp or Albite) adjacent margin down hole in other wise weakly propy. massive c.gr. Gd.															
		- 472.50 - 472.60 m = chlorite-rich area in th. w. to fract w. irreg. 3mm Q veing. Minor (<1%) diss. pyrite. Fract. 25° to c. ax.															
		- 482.08 - 482.38 m = Q-chl-ser w. minor PYRITE adjacent to fractures at 65° to c-axis.															
		- 486.77 m - hole ends in weakly propylitized c.gr. Gd at 486.77m E.O.H. = 1597 ft = 486.77m															

Logged By: <u>G. WESA</u>			Field Coordinates: <u>478163E, 6670506N</u>								Core Size: <u>HQ: 37.8m / NQ: To</u>							
Property: <u>SKUKUM CREEK</u>			Survey Coordinates:								Hole Length: <u>350.52m (1150')</u>							
Target: <u>GOLDEN EAGLE</u>			Azimuth / Dip: <u>330° / -50°</u> Drilled By: <u>CARON</u>								Downhole Surveys: <u>90.7m (-46°),</u>							
Started: <u>JULY 17 (DAY)</u>			Claim: <u>WH-8</u>				Assays By: <u>ACME</u>				<u>178.9m (-46°), 319.12m (-46°)</u>							
Completed: <u>JULY 22 (NIGHT)</u>			Casing: <u>28' (8.53m)</u>															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
0	8.53	CASING																
8.53	95.53	QUARTZ MONZONITE: pale to med grey to salmon pink, med-grnd, equigranular to locally micro-porph; typically med to str. phyllic / propylitic alt'd: ~10% qz content; 55% mafics (biotite); weakly carbonaceous on fracs. 0-8.84: broken, rubbly core w abund. clay gouge near lower part of interval. 9.70: 1.0 cm wide zone fn chl-epid fracs @ 40° TCA. 9.75-10.36: med-str propylitic + phyllic alt'n w mild feldspathz'n (pale salmon pink). 10.36-11.30: broken, blocky core 11.30-14.00: Q.M. becoming increasingly feldspathz'd w locally narrow bands and vns of salmon pink, aphan qz-feld @ 15°-40° TCA, vn margins v. indistinct / diffused - appear as qz-feld flooding; Q.M. matrix med feldspathz'd, anhedral cryst exhibit clay (white) and K-spar (albite?) (pink) alt'n. 14.00-14.33: broken core 14.47-14.60: sheared Q.M. w stringer-like epid-chl-carb fracs @ 40° TCA. Thin splay fracs @ ~30° TCA., carb as white lenses + flattened nodules.	1	3/4	3/4	2/3	3	3	1									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		14.60-16.70: f.g., salmon pink Q.M.; int. phyllic, propyl and feldspathic altn; matrix appears replaced, locally flooded w/ silica + feldsp; mod. v.f. ckle-fracs; locally observe ghost relict altr'd feldspar cryst. core locally broken, blocky; chl-epid on core frags; upper margin fairly distinct; lower margin gradational into coarser gr'd Q.M.															
		18.40-18.55: Q.M. sheared along thin chl-epid frags @ 35° TCA.															
		18.95-19.23: aphanitic; pale salmon-pink Q.M. w/ mod. v.f. ckle-frac pattern; trace diss. f.g. py + cpy; intensely qz-feldsp flooding/replacement; upper & lower margins distinct															
		19.29-19.50: matrix weakly brxd and ckle-frac'd; int. phyllic/propyl altn; tr. f.g. diss. sulph															
		19.64-20.12: aphanitic, pale salmon-pink Q.M. w/ mod. v.f. white clay-sericite ckle-fracs; trace, dk green chl-epid frags @ 40° TCA; qz-feldsp flooding bounded by indistinct gradational margins, some pale greenish-white, int altr'd feld. cryst; int. shearing w/ fn ser-epid frags, micro-brxn near lower margin.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		20.12-22.40: local, patchy qz-feld flooding; matrix mainly anhedral in mat to int phyllic + propylalt'n, minor epid-chl ± carb ± clay fines @ 5°-45° TCA; feldsp cryst commonly exhibit zoning w ser ± chl rims; commonly wte to buff to mle green.															
		23.07-23.47: pale-med grey Q.M w fn chl-epid + cc frags sub-// to CA; trace v.f. diss. py.															
		23.47-28.04: intense feldspathiz'n; core distinct salmon pink color; weak to locally str chl-epid ± calc veining @ 15°-45° TCA; core locally porph in buff-tan to pink; subbed to anhedral feld cryst up to 5.0 mm. lower 20 cm of interval mnd to str. ckle-fract'd to brkd.															
		28.04-28.30: FAULT ZONE; brkd Q.M. in angular clasts enclosed in brown pebbly clay gouge; core rubbly															
		28.30-30.74: Q.M. variably feldspathiz'd; variably pinkish-grey to salmon pink in local zones of buff/tan-pink feld. phenos; minor chl-epid frags.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		30.74-31.00: distinct salmon-pink, int feldspathic; finer gr'd Q.M.; some relict cryst. texture; core $\approx$ 85% replaced w/ silica-K-spar.															
		31.67: 2.0-2.5 cm, pinkish grey, aplite vein @ $\approx$ 25°ICA															
		31.67-37.79: Q.M. pinkish grey in local zones / pulses; silica-feld replacement pervasive; phyllic alt'n; white clay-cc on core fracs common; trace veining matrix locally porph-tan/buff feld. phenos up to 5.0 mm. Reduce to NG @ 37.79.															
		37.79-45.91: pinkish-grey to salmon-pink, med to coarse cryst; variably feldspathic; minor f. chl-epid fracs locally X-cut by secondary fracs; mafics relatively fresh to chloritized; pervasive, variable phyllic alt'n typically overprinted by K-spar $\pm$ silica alt'n.															
		45.91-46.21: brittle-ductile shearing; w/r exhibits str. cataclastic texture, med to str. brkn.															
		46.21-46.61: minor shear-fracs; core pale buff-tan to pink, tr. brkn.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		47.55-47.70: f. frags-sub-11 @ 45° TCA															
		47.85-51.42: Q.M. mod. porphyritic in tan to pale buff to whitish feld. phenos up to 8.0-9.0 mm; locally weakly ckle-fract in epid ± chl frags; pervasively, variably feldspathized local lg clots of f.g. K-spar-silica replacement; local tr. v.f. diss py.															
		51.42-51.62: 1-3 mm chl frag in tr crse diss py @ 40° TCA; minor ckle-fract qz lenses in str. K-spar alt'd matrix.															
		51.62-59.40: pinkish-grey to salmon-pink; med-crse gr'd; equigran to locally porph; tr to minor epid-chl frags; some pinkish-grey aplitic veins up to 3.0 cm @ 5-7° to ⊥ TCA; Q.M appears relatively fresh, unalt'd in upper 1/3 of interval; lower 0.70m of interval appears darker; greenish- grey, more chl alt'd.															
		59.40-60.00: sheared, brk'd Q.M in weak-mod cataclastic texture; matrix locally flood in silica-chl; tr to locally 3-4% sulphides as v.f. dissemin py + cpy? in matrix and															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		chloritic patches; matrix cut by 1.0 to 3.0 mm qz stringers hosting clots and segregations of ga, cpy, sph and minor py; stringers + frags appear segmented; offset, matrix pervasively sericitized + weakly chloritized; little or no K-spar alt'n except in lower portion of interval; upper margin brecciated; lower margin gradational into K-spar altered matrix															
		60.00-62.00; intensely qz-K-spar altered; sheared, in part rubbly, fragmented + broken core; local salmon-pink K-spar-silica replacement w f.g. oplitic-looking mat'l; Tr to < 1% v.f. dissemin to small blebs py, cpy 1.0-1.5 cm, indistinct pale grey q.v. @ $\approx 25^\circ$ TCA @ 60.74 to 2-3% blebs, coarse dissemin py, cpy in Tr f. ga specks in surrounding matrix; matrix med. greenish-grey due to str., pervasive prop + phyllic alt'n.															
		62.00-63.10; pale greenish-grey to salmon-pink; str brittle-ductile shearing; cataclastic texture; minor 1.0 cm qz-sulph vns + stringers in 1-2% diss to patchy py, cpy(?) - commonly offset by f. epid frags; Tr v.f.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		diss py in matrix; core, in part, broken, fract'd; X-cut by irreg frags + qz stringers.															
		63.10-64.00: blocky core; salmon-pink cut by dk chl frags up to 1.0 mm @ 45° + 135° TCA.															
		64.07-64.18: aphanitic aplitic-looking vein @ ≈ 45° TCA.															
		65.60: 1.0 cm clay gouge															
		65.80-66.00: broken, fragmented core															
		68.50-68.65: fragmented, broken, core															
		To 70.71: core mainly blocky, locally fragmented, rubbly; typically str. k-spar alt'd - charac. by pale buff-tan feld cryst in salmon-pink matrix; local trace v. f. diss py, minor fine, ribbon, wavy epid ± cc frags. 1.0-2.0 mm chl-epid frags common.															
		70.71-82.15: pinkish-grey to locally salmon-pink; mainly med-crse grnd, equigranular w/ local porph phases; pervasive sericite + chlorite alth w/ local patches of relatively fresh biot															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		grains; feldspars commonly zoned w pale to med green centres & buff to cream peripherys; weak to mod. fn ckle-fracs w regular-spaced, dk chl fracs @ 70° TCA @ 76.93-77.43															
		82.15-82.35: intense feldspathztn; dark salmon-pink; f. gnd Q.M; initial margin fairly sharp; final margin gradational into crsr gnd Q.M.															
		82.35-95.53 : as described previously in 70.71-82.15; regular, 1.0-1.5 cm spaced chl fracs @ 45° TCA @ 82.40-82.75; matrix mainly pale to distinct salmon-pink; commonly cut by fn epid-chl and epid-calc ± red hem fracs; fracs // to 45° TCA, Tr. v.f. diss py common 1-2 cm clay gouge frac zone @ 91.82m; broken fragmented core @ 93.27-93.57.															
		93.57-95.53: mod. chloritic ckle-fracs; w locally close-spaced, // chloritic fracs @ 25° TCA; narrow aplitic vns; int. feldspathztn.															
95.53	102.80	RHYOLITE DYKE; pale grey to greenish-grey to olive drab colour; silicified; aphanitic to mottled / speckled;	0	0	1	1	4	1	1/2								

[illegible]

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
102.80	131.56	QUARTZ MONZONITE: mainly variably salmon-pink in local pinkish-grey to dark greenish-pink; siliceous; mod to strongly feldspathized (K-spar alt'n); weak to mod carbonaceous on fracs; med-crse gr'd, equigranular; mainly anhedral texture; weak to locally mod ckle-frac'd; initial contact distinct in 1.0-1.5 cm finer gr'd, partially recryst'd matrix.															
		103.90-104.20: broken, rubbly core in minor clay gouge.															
		104.20-106.00: matrix int. recryst'd; little or no mafics															
		108.35-108.49: med greenish-grey, aphan vein (rhy?) in 1.0 cm, br'd calcite-chl stringer @ 20° TCA															
		109.68-112.16: rubbly to broken, frag'd core in abund clay frac's and gouge local clay gouge vns up to 1.0 cm wide; w/r appears appears int sheared; mod. ckle-frac'd in local br'n.															
		112.16-114.00: frac'd to blocky core in increasing propylitic alt'n toward															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		Lower portion of interval.															
		114.00 - 117.24: mod - locally int. ckle- frac'd w chl on frags; 1.0 cm calcite-fluorite (deep purple) vn @ 40° TCA @ 114.30m; 5.0 - 7.0 cm broken core @ 114.90m; 1.5 cm brx'd, ckle-frac'd zone @ 116.00m															
		117.24 - 118.60: intensely prop and phyllic alt'd matrix; abnd dk green chl patches, minor chl inclusions in matrix; mod-str. chl. ckle-frac pattern; feld. str. sericitz'd; gradational into salmon-pink, equi- granular, K-spar alt'd q.m down section fr. 118.60.															
		119.70 - 120.00: frac'd to blocky core w clay-pebble gouge.															
		123.20: 10.0 cm dk green, aphan mafic inclusion.															
		123.90 - 124.05: aplitic-looking, aphan matrix															
		124.05 - 125.00: str. propylitic alt'n; matrix med. green-grey															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		125.68: irreg. andesitic inclusions up to 10-15 cm long.															
		126.00-126.53: andesite dyke; sharp, irreg, broken contacts															
		126.53-127.94: intense feldspathization; matrix partially recryst'd; minor small mafic inclusions															
		127.94-131.58: intensely chloritized + sericitized Q.M.; upper margin fairly abrupt but irreg; ~20-25% chl in matrix; abund sericite altn of feld; pervasive v.f. ckle-fracs; tr v.f. dissemin sulph; tr. f. specks cpy; matrix also K-spar alt'd.															
131.58	138.44	ANDESITE DYKE; dk greenish-blk, mainly aphanitic w minor local porph texture; upper contact sharp @ 45° TCA; lower contact indistinct + irreg.	3	3	0	0	3	2	1								
		132.12-132.88: int. alt'd Q.M. inclusion															
		133.95-134.53: pale pink to salmon-pink, slightly mottled, aphanitic, aplitic-looking xenolith bisected by sigmoidal cc-chl stringers @ 5° to // TCA.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
138.44	142.20	QUARTZ MONZONITE; weakly k-spar alt'd; pervasive, str. chloritiz'd and phyllitic alt'n; matrix, in lower 2/3 of interval completely recryst'd; int chloritiz'd and sericitiz'd; mod to str. ckle-fract'd w/ dk chl. frags; local cc-fluor-ser ± chl vns + stringers up to 75 mm width; pervasive greenish color. 139.86: 7.0 cm andes xenolith w/ 1.0 cm translucent qz eyes	1	2	2 2/3	2	3	3	1								
		140.67: 5.0 cm zone ductile-brittle shear @ 45° TCA.															
		140.72-141.92: intensely sheared; silica replacement of matrix w/ local tr. v. f. dissem to blebs, grains pv; extensive shearing along sericite frags distinct cataclastic texture; ser-cc ± fluor stringers + frags common.															
		141.92-142.20 ductile-brittle shear zone w/ f. banded, ribbony ser-chl-cc-fluor; tr to minor v.f. dissem to cke clots aggregates (up to 1.0 cm) f. g. pv.															
142.20	142.94	ANDESITE DYKE; upper + lower contacts sharp at 55° TCA; dk greenish-black; aphanitic															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
142.94	163.34	GRANODIORITE: mainly mesocratic grey; crse cryst; equigranular; weakly to locally str propylitic and phyllitic altit; some local ckle-fracs; upper contact sharp / distinct followed by 50 cm crse, irreg. patches epidote assoc w/ minor chl frags; 1.0 cm salmon-pink qz-K-spar vn @ 35° TCA 48 cm below contact.	3	3/4	3/4	1	3	3	1									
		163.34-145.39: meso-melanocratic w/ crse chloritic cataclastic texture accompanied by abund chl-epid fracs.																
		145.39-146.56: med to dk greenish-tan; intense chloritiztn of matrix; med to locally abund chl frags; 145.64: 1.5 cm qz-chl vn w 5-7% blebs, f. dissem, crse segregations py, tr crs, sph, 31(?) @ 40° TCA; enclosed in 7-8 cm chl halo w/ cc, fluor, qz and sericite on H/W																
		147.84-148.04: ductile-brittle shear along chl-epid-qz shears.																
		148.54-148.90: 1.0-2.0 cm wide mottled epid. stringers @ 45° TCA.																

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		148.90-150.28: matrix variably altr'd; gradational fr. str chl-ser altr'd to fresh w coarse, euhedral, blk hblite crystals.															
		150.28-150.68: salmon-pink - str k-spar altr'd matrix.															
		150.68-151.55: cataclastic texture assoc w ductile-brittle shear and minor kink foliation.															
		152.35-154.10: relatively fresh, unaltr'd matrix w blk, euhedral hblite laths up to 1.0 cm															
		154.10-154.53: coarse clots and patches epid in str. chloritiz'd matrix; tr qz - k-spar vns															
		155.43-160.35: relatively fresh to weakly altr'd Q.M. w blk, euhedral hblite laths up to 1.0 long; local patches chloritiz'd mafics; matrix med grey; 10-15% amphiboles; minor epid as irreg clots / patches; some chl ± epid stringers and frac. fillings. Tr epid-qz ± cc stringers (<1.0 cm) in minor f to coarse py and tr epv, gag; some v. coarse mafic inclusions															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		160.40-160.63: pale pink to cream. brecc'd qz. vn cut by int. ckle-fracs + tr chl fracs															
		160.63-163.34: mainly fresh to weakly altr'd Q.M. in fresh hblite laths up to 1.5 cm long; abund. epid as fn to crse clots, blebs; epid fracs and stringers in up to 1.0 cm bleached halos common @ 40°-135° TCA															
163.34	164.53	ANDESITE DYKE: dk green, ophanitic cut by locally abund. <1.0 mm epid fracs in bleached margins up to 2.0 cm width.															
164.53	228.63	GRANODIORITE: mainly mesocratic, crse-gr'd, equigranular; mainly unaltr'd- str. chloritized; locally propylitic and phyllite altr'd; mod. carbonaceous matrix	3	3/4	3/4	1	3	3	1								
		164.53-166.38: fresh to weakly propylitized, blk, euhedral hblite laths															
		166.38-167.12: f-m gr'd more felsic phase in <2% hblite, abund epid as blebs, crse clots, patches + f.f.															
		167.12-176.53: variably altr'd gd; typically															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		gradational between fairly fresh to str. propylitiz'd and mod. sericitiz'd; altr'd phases host blebs, f to v. crse clots, patches, stringers and f.f. epid; irreg patches and segregations epid up to 4.0-5.0cm; qz-epid flooding locally common w tr f. to crse dissem sulph; some lg mafic inclusions up to 30 cm; one pale pink-cream qz inclusion w tr crse py meas. 0.5 m // TCA; epid locally abund-accounts for 10-15% of matrix; altr'd (propylitiz'd) phases typically mod to str ckle-fract'd w commonly epid, epid-cs, epid-qz $\pm$ chl frags + stringers; local f. dissem to crse patches and segregations py assoc. w shear frags.															
		176.53-177.25: mottled, pale pink to creamy, int qz-k-spr-epid vein w <1% f. dissem to crse blebs py; mod ckle-fract'd; brecc'd. x-chl fr. epid $\pm$ f. sulph frags; upper contact sharp + irreg @ 50° TCA; lower contact sharp @ 15° TCA; marked by thin epid-sulph. stringers; some "graphic" intergrowths of qz + k-spr.															
		177.25-179.07: intensely propylitiz'd w															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		crse clots + patches epid; abund chl-epid frags; matrix str. recryst'd.															
		179.07-186.25: grey to pale greenish-grey, locally bleached halves enclosing epid + cc + chl frags; some local occurrences fluorite; bubble subbed to subed. variable betw'n fresh to str. chloritized some local zones cataclastic texture in str ckle-frags + breccia; abund X-cutting epid frags + ribbon-y stringers															
		186.25-186.44: pale pinkish-grey, f.g. aplitic vn in < 1% matrix; l. + h. contacts sharp @ 35° TCA															
		186.44-188.90: same as 179.07-186.25; gradational into increasingly recryst'd gd near lower portion of interval.															
		188.90-191.19: meso-melanocratic; int propylitic altn; abund epid frags; epid-gz + v.f. dissemin sulph shears; irreg, crse clots, masses epid; local chl stringers assoc in cataclastic texture															
		191.19-192.14: v. weakly altr'd to fresh gd.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		192.14-196.56; similar to previous interval @ 189.90-191.19.															
		196.56-197.13; finer and more felsic phase in 45% f.g. chloritized mafics; minor epid. frags (monzonitic phase).															
		197.13-197.32; dk greenish blk andes dyke															
		197.32-199.15; finer and, felsic phase; same as 196.56-197.13															
		195.15-211.38; variably propylitized, meso-melanocratic gnd; local coarse mafic inclusions. phases alternating between relatively fresh (subbed bubble lathes) to str chl-epid altr'd; matrix locally partially recryst'd in coarse patches epid; X-cut in epid stringers; tr local v. f. diss. v.; local med-str chl ckle-fracs; minor qz ± K-spar vns; some local cataclastic texture															
		211.38-212.44; finer gr'd; felsic phase; pale pinkish-grey; weak ckle-fracs (monzonitic phase)															
		212.44-213.14; v. coarse, irreg shaped mafic clots/inclusions in med-grd gnd; ~ 50-55% inclusions															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		213.14-214.92; pale pinkish-grey, felsic phase m ≈ 5% f.g. chloritized mafics encloses 20 cm of coarse chloritized bubble laths.															
		214.92-218.20; med - coarse cryst; str propylitized; abund epid fines/stringers one 5-7 mm cc vn @ 30° TCA; matrix partially recryst'd; epid pervasively dissem in matrix															
		218.20-220.90; monzonitic phase; f-m and; pale pinkish-grey; fairly distinct U + L contacts.															
		220.90-228.63; relatively fresh bubble gcl in str propylitized gcl; typically coarse grained; mainly mesocratic; locally int. ckle-frocid w mod. cataclastic texture; 20 cm, f.g. "monzonitic" (felsic) phase @ 222.34; epid locally abund as matrix dissem; lg clots/inclusions and f.f. and stringers.															
		224.65: 1.7 cm massive sulphide vein (pr. "blk jack" s.f.) @ 30° TCA; followed by 0.60 m (to 225.25m) of 2-10% f.g. pyritic sulph as matrix dissem; f.f. discontin stringers, segregations and irreg small patches.										85451	224.65	225.25	0.60		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
228.63	229.34	ANDESITE DYKE: U. + L. contacts sharp @ 55° TCA	0	2	0	0	3	2	0								
229.34	230.68	GRANODIORITE: intensely propylitized; locally up to 50-60% epid in matrix U. + L. contacts f. gn'd w/ abund epid fracs.	2	4	1	1	3	3/4	1								
230.68	231.08	ANDESITE DYKE: dk greenish-blk, f. gn'd															
231.08	269.46	GRANODIORITE: mainly mesocratic; arse and saumonite; variably alt'd betw'n relatively fresh in emb'd to sub- bed blk hbls to int. propylitized in partial recryst matrix; broad, pale greenish-yellow, bleached 'halos' surround epid frags + stringers; 231.08-237.24: several alt'n phase changes betw'n v. weak to int. propylitic alt'd; local cataclastic texture in mod-str ckle-fracs	2	3/4	1	1	3	4	1								
		237.24-241.38: same as previous; abund epid veins/stringers in a 1/8-1/5m enclosed in broad cream to greenish- buff bleached halo															
		241.38-242.10: monz - phase - felsic, m. gn'd															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
		242.10-269.46: med - coarse cryst hbl - gd; med to int. propylitic alt'd; abund epid ± cc ± chl frags, stringers and vnets commonly bounded in bleached hbls; local inclusions of finer gr'd monzonitic mat'l up to 15cm diam; matrix locally recryst'd. 252.07-252.55: V. int epid alt'n of matrix - up to 65-70% epid 257.65-258.00: 20% f.f. to dissem epid in matrix, anastomosing stringers 263.47-263.82: crinkle / crenulation foliation defined by amphibole layering bounded by str chl - epid alt'n. 264.38: 7.5mm massive sulph vnet (py, sph?) enclosed within 5.0-6.0 cm epid-qz alt'n zone in Tr. to minor dissem py in matrix; vn pinches out; 40° TCA; abund fn epid ± qz frags, some X-cutting epid-qz stringers 264.50-269.46: local abund epid-qz vns, anastomosing stringers; coarse patches irreg masses epid in matrix																
269.46	271.66	ANDESITE DYKE: dk greenish-black in some local epid vns, dissem in matrix	0	2	0	0	3	2	0									
271.66	282.55	GRANODIORITE: Hornblende granodiorite 271.66-276.20: weakly propylit'd;	2	3/4	1	1	3	4	1									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		hblc fairly fresh, blk to mildly chloritized; 2.0-2.5 cm pale pinkish-green qz vns @ 5° TCA to 274.67 to 275.67.															
		276.20-277.30: intensely propylitized matrix in tr to locally minor dissem py.															
		277.30-279.00: weakly to mod propylitized; some anastomosing epid stringers; epid-qz vnelets; rare salmon-pink to pale orange aplite vns up to 2.0 cm; subbed to unhed, fresh to weakly chloritized hblc laths in cse crist matrix.															
		279.00-282.55: intense propylitic altn; locally up to 30-35% epid in matrix; matrix mainly recryst'd; minor rusty, salmon-pink aplite vns up to 1.0 cm @ 5-30° TCA; abund epid-qz frags + stringers; some local weak K-spar altn; Tr. v. f. dissem py.															
282.55	283.70	FAULT ZONE; v. poor recov; potthly clay gouge in broken, rubbly core															
283.70	287.40	HORNBLende GRANODIORITE; 283.70-284.99: olive-greenish-brown;	2	4	1	1	3	4	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		matrix mainly recryst'd; str. propylitiz'd; intensely sheared to brk'd; minor chl-calc frags; three 4.0-5.0 cm dk andes vns @ 75-80° TCA; Tr. v.f. dissem py in matrix															
		284.99-287.40; weakly to mod propylitiz'd; coarse cryst matrix in weakly chloritiz'd hblite laths up to 7.0-8.0 mm; four andes vns up to 14 cm @ 45° to near ⊥ TCA; lower 1.0 m of interval alternation betw med-coarse cryst in local epid ± chl shears and few thin andes. vns; 16 cm alt'd andes dyke at lower margin; gradational into dioritic phase down section															
287.40	319.12	DIORITE: mainly med cryst, equigran. in local finer gr'd phases; med to dk green, meso-melanocratic; pervasive str. chloritic alt; locally abund epid alt as epid frags; anastomosing stringers; intense matrix replacement and disseminations; patches; matrix weakly to int. propylitiz'd; minor clay-calcite alt in core frags; v. weak in matrix	1/2	3/4	0	1	3	3	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
319.12	319.42	ANDESITE DYKE: dk greenish-bk in ≈ 1% py as v. f. dissem in matrix and f. gnd f.f. and discontin stringers and aggregations; minor epid fracs; mre qz lenses in tr. epid + f. dissem py; il. contact broken; L. contact @ 50° TCA.		3	0	0	3	3	2								
319.42	326.22	HORNBLENDE GRANODIORITE: med to int. propylitiz'd; partially to locally completely recrystz'd matrix in up to 50% epid replacement; mainly coarse cryst.	2	3/4	1	1	3	4	1								
		326.62-327.47: f. gnd andesitic dyke; int propylitiz'd in inclusions of altd gd. upper contact sharp marked by 3.0mm chloritic shear @ 30° TCA; L. contact sharp/irreg @ 45° TCA.															
		321.22-322.87: matrix up to 50% epidotz'd int. chloritiz'd; partially sheared; brzd'd; local cataclastic texture; abund epid fracs to stringers. shears; tr f. diss py															
		324.52-325.22: "monzonitic" phase; med gn'd; < 5% f. gnd; chloritiz'd amphib.															
		325.22-326.22: similar to 321.22-322.87; cataclastic texture; dk chl altn; local epid ckle-fracs; tr v. f. dissem py in matrix															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
326.22	328.27	QUARTZ MONZONITE: med grd; equigran; $\approx$ 5-7% weakly to str chloritized; f to m. and hble; "felsic" phase; pale pinkish-grey; matrix weakly to mod. epidotized; epid. frags and stringers common locally in bleached margins; anastomosing epid frags locally abund; minor qz-k-spr flooding; minor X-cutting chl frags.	1	3	2	1	3	3	1								
328.27	338.47	GRANODIORITE: mesocratic to melanocratic; v. int. propylitic altd; int sheared in locally abund ductile-brittle shearing; pervasive dk chloritization and chl-replacement of matrix. locally distinct cataclastic texture in str epid-chl shears / frags; alt'n assemblage locally foliated; locally up to 50-60% epid replacement; minor cc lenses, deformed masses. U. contact gradational from felsic ("monzonitic") phase in lg inclusions of monz mat'l in altd gd; L. contact sharp-marked by 16 cm f. and dark (andesitic) dyke @ 70° TCA; Tr diss. Py 334.10-335.15: "monzonitic" phase: f. - med gr'd, pale pinkish-grey matrix in pale grey to creamy wite; bleached feldspar; 3% chloritized mafics; mod. epid-clay $\pm$ clay ckle-frags;	2	4	0	1	3	4	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		tr v.f. dissem py U + L contacts sharp @ 45° TCA; F/W + H/W. alt'd gd hosts tr v.f. dissem to locally crse blebs py.															
		336.13-336.26: "monzonitic" phase															
338.47	350.52	HORNBLÉNDE GRANODIORITE: weakly to locally propylitiz'd marked by irreg lg clots / masses of dk chl replacing matrix; subhedral to anhedral laths fresh to variably chloritiz'd; qz, epid, minor cc frags; stringers & v.lets locally common; matrix mainly crse to v. crse cryst; equigranular - mainly weakly to mod propylitiz'd; local lg mafic inclusions; primary alt'n: chl; secondary epid. as f to crse frags; anastomosing stringers and minor matrix replacement; minor ckle-frags; 4.0 cm pale pinkish-buff qz. vn @ 30° TCA @ 346.36 m.	1	3	1	1	3	3	1								
		E.O.H. : 350.52 m.															

Logged By: G. L. WESA		Field Coordinates: 6670335N, 477930E										Core Size: NQ (18.29m); NQ (To EOH)					
Property: SKUKUM CREEK		Survey Coordinates:										Hole Length: 677' (206.35m)					
Target: BONANZA ZONE		Azimuth / Dip: 005°/-50° Drilled By: CARON										Downhole Surveys: 35.66m (-45°)					
Started: JULY 26/98 (DAY)		Claim: WH-8 Assays By: ACME										114.94m (-41.5°)					
Completed: AUGUST 1, 1998		Casing: 18.29m (60')															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
0	18.29	CASING: cuttly granodiorite; corion plus 100m															
18.29	32.83	GRANODIORITE: med grey to locally buff grey, med. crst. Equigranular bed dational into f. gnd. felsic phases; weak to med propylitic alt; local weak to med feldspathic character by pale pinkish-buff to salmon- pink colour; locally minor epidote alt; marked by v. f. epid. frags; ribbony stringers and matrix replacement; occurs commonly in K-spar alt;	1	3	2	2	3	3	0								
		18.29-19.19: weakly alt'd ad in med chloritized, subbed. hnbld laths.															
		19.19-21.40: finer gnd. felsic (monzonitic) phase in decreasing mafic content toward lower margin of interval; pale greenish to grey-buff in some v. f. epid. frags.															
		21.40-22.76: med-crse crst. equigran. buff-grey gnd in minor alt frags; feld. med feldspathic															
		22.76-23.66: Andesite Dyke: med green; mottled; minor epid frags near lower margin; med green, f. gnd.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		U. contact broken; L. contact @ 350 TCA; irreg but fairly distinct; contains 7.0-10 cm gd. inclusion															
		23.66-28.66: weakly to mod propylitic alt'd gd; local "monzonitic" f. q'd phases in mod. K-spar ± epid. alt'd matrix (pinkish-buff colour); mod to locally abund epid shears and f. fracs; some narrow intervals of little or no alt'n in rel. fresh bble.															
		28.66-32.83: v. weakly alt'd gd; some local narrow intervals mod epid ± chl alt'n in bleached (pale buff-green) matrix. Trace to minor epid fracs.															
32.83	33.38	ANDESITE DYKE: mainly dk green; f. q'd in pale green interval; minor X-cutting epid fracs; U+L contacts 80° TCA	1	2	0	1	3	1	0								
33.38	34.32	GRANODIORITE: weakly alt'd; coarse cryst in finer q'd core; microcratic in some local patches mildly bleached matrix															
34.32	35.07	ANDESITE DYKE: v. sharp U contact @ 70° TCA, sharp irreg L. contact ⊥ TCA mainly dk green w tt to minor epid fracs; X-cutting core	1	2	0	1	3	1	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
35.07	35.72	GRANODIORITE: wkly-med chl + epid alt'd matrix; F/W contact marked by 1.0 cm epid shear @ 55° TCA															
35.72	38.26	ANDESITE DYKE: med to dk green to local narrow bleached (epid + green) intervals; Tr to weak fracs; L. contact sharp @ 55° TCA.	1	2	0	1	3	1	0								
38.26	72.70	HORNBLENDE GRANODIORITE: 38.26-38.84: mesocratic, med. to str. chloritiz'd matrix; chl. fracs and bands up to 5.0 mm X-cutting core; med. cbl-fracs; f-med. gnd. 38.84-39.34: finer cryst. leucocratic monz. phase in < 5% chloritiz'd matrix; minor epid ± chl. fracs; few 5.0 mm qz-feld stringers @ 15° TCA. 39.34-40.86: mesocratic; med-crse cryst; mainly equian in local patches str. propylitic alt.; local chl cbl-fracs 40.86-42.73: meso-melanocratic; med to str chl alt'd in cataclastic texture developing in lower 1.0 m of interval; broken, faulted core @	1	3/4	1	1	3	3/4	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		41.76 - 41.92; matrix locally cut by 1.0 cm salmon-pink qz-feld vn affect" by chl-qz fracs; matrix mod - str. chloritz'd; commonly cut by chl ± epid fracs + stringers															
		42.73 - 43.68; mod - str bleached matrix charac. by pale greenish-buff colour weak - str. propylitz'd matrix															
		43.68 - 57.47; med grey qd; med - coarse cryst. equigran; weakly dev. lineation of hbl; amphib weakly to str. chloritz'd; local epid fracs up to 2.0 - 3.0 mm with bleached margins up to 2.0 cm @ 15° - 45° TCA; upper margin of interval transitional + indistinct; 48.35 - 48.85; pale greenish-buff; bleached appearance; in propylitz'd. 49.12 - 49.52; similar to above interval															
		Wallrock to 57.47; mesocratic, med grey, med - coarse cryst. equigran in weak to mod chloritz'd hbl + laths / blades up to 7.5 mm; matrix mainly exhibits mod - well dev. lineation in preferred orientation of amphiboles ranging betw'n 30° - 45° TCA; minor qz - orth - feld vns @ 1.5 to 4.0 cm @ 40° TCA.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		57.47-68.10: mesocratic, med to crse gr'd, equigran hrtle Gd to subhed to anh'd; weakly to mod chloritized hrtle blades + laths up to 1.0 cm in length; minor sub-porph mafic inclusions meas. up to 8.5 cm diam some local epid and/or chl. frags and veinlets ± narrow bleached margins frags X-cut @ // to ⊥ TCA; some minor, local salmon-pink qz-K-spar flooding + vns; chl ± epid frags + vnlets commonly @ 40-45° TCA.															
		68.10-69.19: finer gr'd, felsic ("monz") phase - leucocratic w/ <5% mafics il. + l. margins gradational into hrtle Gd.; tr f. diss to small specs py															
		69.19-72.70: similar to 57.47-68.10 but locally int propylitized-charac by pale greenish-buff, "bleached" margins enclosing epid stringers and epid ckle-frags; upper 30 cm of interval charac by mod ckle-frags + catclastic texture; 4.0 cm black andes vn @ 69.50; single stretched grain cpy (≈ 6 mm) enclosed in black frag in cream to salmon pink; 3.0 cm qz-feld porph vn @ 69.63 - vn irreg; lense-like // TCA															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		71.54-71.94: Andesite dyke: dk greenish-black in sub-propyl core and weakly saussuritiz'd (epid alt'd) feld. phenos weak epid ckle-fracs.															
72.70	77.87	ANDESITE DYKE: pale to dk green; aphanitic; weakly to mod ckle-frac'd in hairline to 2.0 mm. epid fracs; w/r. approx 50% alt'd (bleached pale green) proximal to fracs; epid alt'n halos common; H/W contact sharp @ 30° TCA; F/W contact broken, indistinct.	1	3	0	0	3	3	0								
77.87	107.91	HORNBLENDE GRANODIORITE: med-crse cryst, equigran, mesocratic-melanocratic															
		79.08: 4.0 cm blk andes vn @ 45° TCA.															
		80.32: ckle-frac'd, creamy to salmon-pink qz-feld vn ⊥ TCA; indistinct contacts															
		81.38-82.00: f. to crse cryst matrix w/ 2.0-3.0 mm epid violet w/ weak alt'n halo @ 10° TCA; some local str chl alt'n of matrix below epid violet. violet offset by ⊥ fracs.															
		82.61-83.07: andesite dyke															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		83.07-84.43: f.- med cryst. Gd w weak to locally mod chl. ckle-fracs; leucocratic to mesocratic / w patchy chloritic matrix alt'n approaching lower margin of interval; gradational downsection into more mafic-rich Gd.															
		84.43- med cryst hnble Gd w euhed - subhed, weakly to mod. chloritiz'd hnble laths; minor, irreg. epid frags.															
		86.23: 1.0-1.2 cm qz-epid-chl-cr vnlet @ 20° TcA w Tr f. diss py															
		87.48-88.20: porphyritic diorite phase charac by $\approx$ 5-7% white plag feld phenos in dk, chloritiz'd matrix; melanocratic															
		88.20-88.39: meso-melanocratic; $\approx$ 35-40% plag in crse chloritiz'd mafics.															
		88.39-89.46: mesocratic Gd w euhed to subhed, mod chloritiz'd crse hnble laths ($\approx$ 20% hnble)															
		89.46-89.74: dk, porph diorite phase															
		89.74-102.92: mesocratic; med-crse cryst, equigran, some local chl-															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		epid veins + f.f. ± weakly bleached margins; local minor ckle-fracs occasionally w mild brxn; v. minor porph diorite bands or lenses; local patches int. chl. alt'n of matrix; euhed to anhedral hnbld laths + blades variably chloritized															
		102.92-103.58: leucocratic "monzonitic" phase w <5% hnbld and minor epid frags w 1.0-2.0 cm bleached margins; initial + final contacts gradational															
		103.92-104.08: "monzonitic" phase															
		104.08-107.91: alternating Gd. and monz phases to end of interval; lower 0.5m mod. ckle-fract'd and epid v'd accomp'd by locally bleached matrix															
107.91	109.02	ANDESITE DYKE: med-dk green, aphanitic to locally micro-porph; v. minor epid frags w weakly bleached margins; H/W + F/W contacts sharp @ 88° TCA	1	2	0	0	3	2	0								
109.02	114.27	HORNBLende GRANODIORITE: mainly mesocratic w variably propylitized matrix;	1	3	1	1	3	3	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		med-crse cryst, equigran.															
		109.05: 5.0 cm blk andes vn @ 80° TCA															
		109.05-110.13: matrix exhibits patches pale greenish-buff epid alt'n, locally assoc. w/ wk ckle-fracs.															
		110.13-110.86: matrix int. epid-alt'r'd w/ mod ckle-fracs + fine anastomosing epid fracs.															
		110.86-111.86: weakly dev. lineation of bnble laths @ $\approx 40^\circ$ TCA w/ minor chl. fracs @ 20° TCA															
		111.86-112.60: mod-well dev. lineation of amphiboles															
		112.60-114.27: weak lineation; lower 0.4 m of interval str. epid-alt'r'd accomp'd by wk ckle-fracs and mild shearing.															
114.27	115.41	ANDESITE DYKE: dk greenish-blk; H/W contact sharp @ 75° TCA.; F/W contact @ 45° TCA.	1	2	0	0	3	2	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
115.41	117.96	HORNBLende GRANODIORITE; weakly to mod epid ± qz vnd / fracd in mod to str matrix alt'n (bleached margins); out locally by secondary narrow qz vnelets some scddly pale pink qz flooding; epid ± chl frags @ 11 to 45° TCA; weak to distinct lineation of hbls laths developed 11 to frags.	1	3	1	1	3	3	1								
117.96	120.75	ANDESITE DYKE; dk greenish-blk; aphanitic in tr to minor v. f to 1.0 mm epid frags; upper contact sharp @ 85° TCA; lower contact sharp @ 30° TCA.															
120.75	128.75	HORNBLende GRANODIORITE; mesocratic, med-arse grnd. equigranular; matrix weakly to locally mod. propylitic alt'd; embd to anhd hbls appears weakly to str chloritized; 8.0 cm zone int. propyl. alt'n at 11. contact.	1	2/3	1	0	4	2/3	0								
		120.75-123.20; weak ckle-fracd; mod to locally abund epid + chl frags, f. stringers enclosed in weakly bleached epid alt'n halo, @ 11 to ⊥ TCA; X-cutting epid ± chl frags @ 45° + 135° TCA common; minor local salmon-pink qz vnelets; local dk mafic (chl-alt'd) patches.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		123.20-128.75: med-grey, partially recryst'd matrix; locally exhibits dk mafic ("dioritic") phases; strong chl. frags/shears @ 123.20-123.40. two 1.0 cm chl bands @ 85° TCA @ 124.23-124.27;															
		125.02-125.10: qz-epid-chl zone ≈ 5.0-6.0 cm wide @ 45° TCA, creamy to salmon-pink qz flooded band, epid appears ribbon/wavy banding.															
		125.10-125.80: matrix exhibits subtle banded, gneissic texture in alternating grey to salmon-pink silica layers + mafic (chloritic) layers. mafics exhibit weak preferred orientat'n // to gneissosity @ ≈ 40°-50° TCA.															
		125.80-126.15: matrix str. chloritized.															
		127.25: 4.0 cm blk andes vn @ 50° TCA															
		127.29-128.75: partially recryst matrix; local str. chl-altr'd matrix tr. salmon-pink qz vnlets.															
128.75	130.65	ANDESITE DYKE; dk green to greenish-blk; aphan; weak epid-fract'd; lg 6.5 cm Gd xenolith @ 129.40. H/W and F/W contacts sharp @ 45° and 70° TCA, respectively; Tr. f. carb frags; local, weak ckle-fract'd; some local micro-porph texture	1	2	0	0	3	2	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
130.65	136.00	GRANODIORITE; mainly str. propylitic altr'd and sheared; matrix locally int. chloritiz'd; matrix commonly milled + brx'd - exhibits weak to str cataclastic texture; med - coarse cryst texture; typically meso-melanocratic	1	3/4	1	0	4	4	1									
		130.65-131.05: med - grey Gd; wk ckle- frac'd; hnble mod - str chloritiz'd.																
		131.05-131.50: med grey to pale greenish- grey; str propylitiz'd w tr. ribbon shears.																
		131.50-131.73: str chloritiz'd; matrix 85- 90% chl w creamy - wte feld. phenos.																
		131.73-132.38: v. int. propylitiz'd w patches int. chloritized matrix; 10 cm zone ductile - brittle shearing w vuggy matrix and tr. to minor f. diss., specks and small patches v. f. g. py assoc. w f. ribbon shears; matrix pale greenish - buff (int. epidotiz'd)																
		132.38-132.76: dk green andes. vn.																
		132.76-134.55: pale greenish - buff to dk green; int propylitic altr'd; matrix pervasively milled, variably brx'd w																

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		well-developed cataclastic texture; local distinct ductile-brittle shearing; patches of dk chl-altr'd matrix; tr v.f. epid and cc frags; little or no ckle-fracs; core v. hard, silicif'd.															
		134.55-134.90: wkly - mod propylitiz'd matrix; coarse subh'd hbls mod. chloritiz'd; distinct cryst. texture															
		134.90-136.00: matrix int propylitiz'd; crushed/milled producing variably-dev cataclastic texture; ductile-brittle shear in pale greenish-buff epidotiz'd matrix near upper portion of interval; dk chloritic patches throughout interval; lower 26 cm of interval strongly crushed/silicif'd (cataclasite); med grey in color w/ v.f. diss to tr. specks py; Tr. v.f. diss. py through- out interval.															
136.00	138.14	ANDESITE DYKE: med-dk green w/ local, minor ckle-fracs, X-cutting epid + cc frags; H/W contact sharp @ 45° TCA; fragment of andes enclosed in footwall of Gd; F/W contact sharp @ 45° TCA + marked by 1.0-1.5 cm bleached F/W Gd	1	2	0	0	3	3/3	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
138.14	164.90	HORNBLENDE GRANODIORITE:	1	3/4	2/3	2	3	2/3	1								
		138.14-139.09; med grey; mainly weakly altr'd w weakly to mod. chloritiz'd hbls laths.															
		139.09-140.24; pale greenish-buff-grey; mod-str. epidotiz'd matrix; med-crse gn'd "monz" phase w 45-5% mafics initial contact irreg but distinct.															
		140.24-140.50; dk green, cryptocryst. (rhyolitic-looking) int. dyke cut by v. fine hairline ckle fracs + epid fracs. F/W + H/W contacts sharp @ 40° TCA.															
		140.50-141.10; leucocratic, pale pinkish-buff- grey "monz" phase w < 5% hbls.															
		141.10-141.66; mesocratic; intensely propylitic and phyllic altr'd and cut by abund f. chl. fracs @ 5°-35° TCA; encloses one lg (5.0cm) mafic clot/inclusion. initial contact v. sharp at 30° TCA + marked by chl fracs and dk green (rhyolitic-looking) angular inclusion.															
		141.66-142.02; "monz" phase															
		142.02-142.64; mesocratic, str prop. altr'd; weak phyllic altr'd; str. chl ckle-fracs															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		142.64-143.54; "monzonitic" phase															
		143.54-145.87; mesocratic, mod chloritized Gd in minor, local patches / zones pale greenish-buff epidotized matrix; minor, local chl shears and ckle-fracs; hnhle v. weakly to mod. chloritized; minor, local salmon-pink qz-feld. flooding															
		145.87-146.27; dk greenish-blk, crypto- crystalline (rhyolitic-looking) int. dyke in abund. hairline ckle-fracs; H/W + F/W contacts sharp @ 40° TCA															
		146.27-153.38; med grey to locally pale greenish-buff (epidotized matrix) Gd; enbed to anhed, weakly to str. chloritized hnhle laths; some local epid + chl. frags + f. shears in bleached margins															
		153.38-153.83; dk green, cryptocrystalline int. dyke in tr to local, str. ckle- fracs in minor brn accompanied by mod pale green epidotized matrix contacts broken or indistinct; Tr. py															
		153.83-157.68; med-grey Gd - similar to 146.27-153.38 interval; v. weak, local epid. altn; tr epid + chl frags; 19cm															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		band dk chloritic matrix (> 85% chl) near lower margin of interval.															
		157.68-158.54: med → dk green, crypto- crystalline, str. silicified int. dyke w/ <1.0-1.0 mm, fine epidotized specks and blk (mafic) specks pervasively diss. throughout matrix; minor to locally mod epidote ckle-fracs; pale green epid bands up to 5.0 mm X-cut core; str. epidotized matrix w/ 5-10 mm, irreg epid stringer near lower contact; 1) contact sharp & irreg; 2) contact sharp @ 60° TCA - marked by epid-carb- chl stringers / fracs.															
		158.54-163.61: med grey to pale greenish- buff (epidotized) Gd; minor epid fracs & thin shears; hbl blades wkly to str. chloritized.															
		163.61-164.90: mod to strongly propylitic and phyllic alt'd; mod chl + epid ckle- fracs; mod to locally str. sheared; minor salmon-pink to orange 22- K-spar sweets / irreg bands; matrix locally mod epidotized (pale grn- buff); matrix appears, in part, weakly brxd, mild cataclastic texture															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		single, 3.0-10.0 mm, anastomosing ch. string // TCA															
164.90	166.45	MONZONITE BRECCIA: pinkish-orange; strongly brecciated, crushed, locally appears sugrosic/granular; intensely sheared w/ slickensides on core frags; minor qz-carb stringers; 20 cm pale grey to pinkish-orange pegmatite band near centre of interval; abund clay- carb core frags; abund local chl ckle- frags near upper portion of interval; single med. green, andesitic-looking frag near centre. H/W contact int sheared, indistinct; F/W contact sharp @ 65° TCA; core, in part, fragment'd, broken	3/3	2	1	3	2	2	0								
166.45	167.64	SILICIFIED INTERMEDIATE DYKE: dark green; mod epid ± cc ckle-frags; minor diss wte, pale green, blk specks; single 22 cm pinkish-orange monz zenolith @ 166.72-166.94; F/W contact indistinct - str. epidotiz'd.	0	2	0	0	4	3/3	1								
167.64	184.27	BANDED BIOTITE GNEISS: med grey to med to dark brown; mod to str silicif'd; v.f. to crse banded rep. by alternating micaceous + quartz layers or laminated biotite foliations.	1	0	0	1	3	2	1/2								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		167.64-168.65: med-dk grey, f. banded biot. gneiss; broken, fragment'd core															
		168.55-168.67: pale pinkish-orange, alt'd monz xenolith.															
		168.27-171.60: banded biot-qz gneiss w/ layering @ 45° TCH - rep. by dk brown biot layers alternating w/ pale grey qz layers up to 1.0cm width; also pervasive biot-silica laminations, minor thin wite qz-cc frags + stringers.															
		171.60-172.15: pale to med green to greenish-grey; int sheared & brkd matrix; core broken, blocky; minor qz-carb stringers.															
		172.15-172.65: med grey matrix, f. banded, v. wk epidotiz'd patches; minor, irreg. Cc ± qz stringers.															
		172.65-174.39: Core broken, fragment'd to locally rubble; minor to locally abund Cc vlnets up to 5-6 mm width; some local qz sweets; Wlr appears sheared str. frac'd; some vuggy qz ± Cc vns up to 7.5 mm; clay gouge near upper margin of interval; weak, local, diss. f.g. py in matrix & on clay frags.										85452	172.65	173.65	1.0		
												85453	173.65	174.39	0.74		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		on broken core surfaces.															
		174.39-180.90: mainly dk brownish-grey, f. laminated biot. gneiss; Tr. diss py locally observed @ 175.54-176.20.										85454	174.39	175.54	1.15		
		Tr to locally minor cc stringers & frags; single pale pinkish-grey to salmon-pink sigmoidal quartz vn near // TCA - rep. offset in dev. of dilatant zones										85455	175.54	176.20	0.66		
		180.90-181.36: pale to med grey int. silicified, subtly banded matrix, appears mottled in Tr extremely f. diss. py.															
		181.36-182.08: v. f. laminated biot gneiss.															
		182.08-182.39: med grey, mottled, possibly int. altd monzonitic inclusion; v. subtle igneous texture cut by tr f. epid. frags; Tr. v. f. specks py.															
		182.39-184.27: well banded (color-banded) to massive biotite-qz gneiss in typically alternating translucent pale grey qz and light to med-dk brown biotite layers ranging from f. lamin to 6.5 mm bands; biot appears f to med gr'd; local qz sweets; layering															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
		locally offset by qz stringers or fracs; minor local qz-mica-filled thin tension gashes; lower 60cm of interval massive biotite gneiss w/ qz, sweats and small Gd. xenoliths. F/W contact sharp @ 40° TCA; biot near lower margin dk brown in f. blk specks diss. in matrix.																
184.27	196.36	HORNBLende GRANODIORITE: 184.27-185.68: fresh to str. chloritiz'd med to crse gn'd hbls laths - euhed to anhedral; minor pinkish-grey qz ± K- spar vns @ 5° TCA 185.68-186.05: perv. str. chloritiz'd matrix ≥ 80% chlorite; upper margin sharp; lower margin somewhat gradational 186.05-186.21: monz phase 186.21-186.61: ductile-brittle shear in crse cryst. Gd. 186.61-187.56: pale grey, med. cryst qz monz phase. 187.56-196.36: crse-cryst Gd; fresh to str. chloritiz'd hbls laths; local, minor epid + chl fracs and/or shears;	1	2/4	2	1	3	3	1									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		minor pale grey to salmon pink pegmatite bands / veins up to 6.0 cm width - also occurs as clots and irreg. peg. masses; some local ehl. ckle-fracs; local weak epidiotiz'd matrix - epid frags @ 25°- 45° TCA; lower margin fairly distinct															
196.36	205.15	MONZONITE: leucocratic - mesocratic; med. cryst qz monz phase w 45% mafics; weak ckle-fracs; anhed cryst. texture; siliceous in part recrystalliz'd; lower margin sharp @ 25° TCA; effectively QZ monzonite	1	1/2	1	0	3	2	1								
		198.85-199.85: str sheared, ckle-fract'd, brx'd matrix; upper margin sharp @ 25° TCA - marked by weakly brx'd chloritic shear, matrix exhibits weak - mod. cataclastic texture.															
		199.85-201.47: pebbly / rubbly to fragment'd broken core; rubbly @ 201.47.															
		202.11-202.46: mod - str propylitiz'd matrix w minor anastomosing epid vns @ 5° to 11 TCA; minor chl frags @ 45° TCA															

[illegible]

Logged By: G. WESA		Field Coordinates: 6670920N, 478475E										Core Size: HQ (18.93); NQ (TO EOH)					
Property: SKUKUM CREEK		Survey Coordinates:										Hole Length: 83.8m (275')					
Target: POLARIS ZONE		Azimuth / Dip: 340°/-60° Drilled By: CARON										Downhole Surveys: 38.7m (-56°)					
Started: AUG 2/98 (NIGHT)		Claim: RACA 10 Assays By: ACME															
Completed: AUG. 5/98 (NIGHT)		Casing: 5.49m															
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
0	5.49	CASING; Rubbly / pebbly / broken core with few blocky (10cm) pieces; Wlr appears to be silicified, str. alt'd Gd.															
5.49	16.81	12.90-13.43; intensely phyllic-alt'd Gd; med-dk green, $\approx$ 15-20 sulphides as pervasive, f. dissem, f. stringer + f.f. py; matrix str sericitiz'd; solid core	3/4	3/4	4	3/4	4	3/4	4								
		13.43-16.81; rubbly, pebbly core w/ some clay gouge to 16.61; solid core to 16.81; comprised of pale grey to tan, fairly soft, waxy (pyrophyllite?) - clay-alt'd) Wlr. solid pieces exhibit finely laminated banding @ 60° TCA; int fract; some minor displacements along fracs; possibly mylonitic															
16.81	35.88	GRANODIORITE: med greenish-grey; int phyllic-alt'd w/ $\approx$ 5-10% f. dissem to f.f. py; minor, local f. to crse dissem epid; gd int. sheared, recrystl'd w/ wite cc filling vugs, open spaces, fracs and tension gashes; Wlr exhibits re-healed cataclastic texture	3/4	3/4	4	3/4	4	3/4	4								
		19.80-20.00; broken, fragment'd core															
		20.00-20.42; intensely brx'd, ckle-fract'd Gd w/ $\approx$ 8-10% cc as f.f., ckle fracs,															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		open-space + tension-gash fillings;															
		20.42-22.52: weak to mod, fine epid and/or calcite ckle-fracs; matrix pervasively pyritized w/ f-crse dissem pyritic halo.															
		22.52-22.70: matrix brecciated up to 8-10% w/te f.f + open-space calcite; minor crse clots f.g. py (irreg, 1.0 cm diam)															
		22.70-23.76: med-green; int. phyllic alt'n; local f-med. dissem epid.															
		23.76-25.11: lt to med greenish-grey; int. phyllic alt'n; increased percentage epid in matrix as dissem, specks, ff. and halos enclosing frags; limited mafics (may rep monzonitic phase; wk - mod ckle-fract'd															
		25.11-26.00: Gd appears sub-porphyritic w/ rounded to square to rectangular, anhedral. plag. cryst. - pale grey to greenish-grey in colour; broken core to 26.50m															
		27.96-28.20: 1.5-2.0 mm epid vnlet @ 20° TCA; matrix strongly epidotized; several sec'dy, <1.0 mm epid frags @ 15°-20° TCA; These offset by v.f. hairline frags.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		28.20-28.50: int. phyllic alt'n in abund dissem py + epid throughout matrix; cut by 1.0 cm ribbon-y-laminated shear @ 45° TCA.															
		28.50-28.96: broken, fractured core															
		29.26-29.50: broken core															
		29.62-29.73: 1.0-1.5 mm calcite ckle- fracs, 3.0-4.0 cm brx zone in clay gouge @ 45° TCA (narrow fault).															
		30.00-30.28: broken core															
		30.29-30.90: str. epid plag crystals; appear as anhedral, rounded to irreg to lath-shaped epidotiz'd feld - fine to med gr'd.															
		30.90-34.60: med-green, f. gr'd, recryst'd; int. phyllic-alt'd in fine to sigmoidal cc fracs @ 5° to 11 TCA; weak to strong ckle-frac'd; matrix locally crushed, brx'd; pervasively pyritized; local epidotized plag.															
		34.60-35.05: broken, fragment'd core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		35.05-35.88: int phyllite - altd w pebble - clay gouge brx zones up to 2-3 cm width; matrix soft, clay altd near lower margin.															
35.88	37.79	RHYOLITE DYKE: pale buff to buff-grey, aphanitic, soft, intensely pyrophyllite - altd (waxy) w large angular Gd inclusions (xenoliths) near H/W margin; int. sheared w some fine ckle - frags	0	0	0	4	1	1	0								
		36.70-37.79: pebbly - core w some clay gouge; U. + L. contacts broken.															
37.79	39.12	GRANODIORITE: (core soft, waxy) 37.79-38.70: extremely phyllite - clay altd, locally friable w abund clay ± epid brx zones; local wte waxy clay frags up to 5.0 mm width; relict ghost plag.	3	3	3/4	4	1	3	1								
		38.70-39.12: int. crushed, brx'd w abund clay fault gouge; angular frags hosted in clay matrix; matrix med brownish-grey; core v. soft, waxy, friable															
39.12	40.23	PEBBLY / RUBBLY CORE-FAULT ZONE waxy frags, choc. brown in colour w one 15cm length solid core - appears speckled to colour-banded in f - core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		dissem py; appears f. gnd, possibly altd andesite.															
40.23	44.10	ANDESITE DYKE: mottled, choc-brown; mainly f. gnd, locally speckled; int bxd. frac'd, sheared; locally appears as andes. brx w variably sized, rnd'd to angular frags in f.g. matrix; exhibits cataclastic/shear texture; core mod soft w local, waxy-clay core frags; cc-clay shears/fracs common; Tr to locally $\approx 1.0\%$ dissem py	1	0	0	3/4	2	3	3								
		40.46 - 40.66: fragmented, broken core															
		40.94 - 41.14: rubble to broken core.															
		41.90 - 42.10: broken core															
		42.26: 1.0 cm ductile/ribbonary cc-clay $\pm$ epid-py shear															
		42.26 - 43.80: f. gnd, lt to med grey to grey-brn w rnd'd to sub-rnd'd fragments near lower part of interval matrix mod. soft															
		43.80 - 44.10: 10.0 cm true width andes brx; heterolithic frags in clay matrix in sharp F/W contact @ 23° TCA.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
44.10	45.53	RHYOLITE BRECCIA DYKE: rnd'd to subrounded, variably coloured frags in pale buff-tan to rusty-grey clay matrix - matrix supported brx; core in part fragmented, blocky				4												
45.53	49.03	RHYOLITE DYKE: mainly med brown to brownish-grey, f. gn'd, H/W contact brx'd, indistinct; F/W contact jagged/ irreg but fairly sharp. 45.53-45.65: pebbly/rubbly core 45.65-45.87: dk brn/choc brn rhy brx w rnd'd - sub-ang. frags up to 1.0 cm. 46.30-46.45: brx w abund clay gouge 46.53-46.98: broken, rubbly core comprised of brx'd rhy 46.98-48.56: locally brx'd to mainly flow-banded; exhibits local speckled texture (altr'd feld. phenos $\approx$ 1.0 mm; rnd'd to squared shaped); weak to mod cc ckle-fracs, some ckle- frac brx'n.	1	1	1	3/4	2	3	1/4									

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		48.56-49.03; dissemin to semi-massive to massive-banded f.g. pyrrhotite, Tr. py occurring as bands, irreg patches and matrix replacement; core appears mottled med grey to grey-brown, in part brx'd and fragmented; silicified										85456	48.56	49.03	0.47		
49.03	50.65	ANDESITE/ANDESITE PORPH DYKE: med to dk green; increasing porph texture down section in pale green; epidatiz'd phenos up to 3-4 mm; typically 1-2 mm;	3/4	3	0	3	3/3	1	0								
		50.25-50.65; heterolithic andes. brx in lg angular clasts up to 4.0 cm; cut by waxy clay fracs and 1.0 cm clay-ser vn @ lower contact @ 20° TCA. frags hosted in soft clay-supported matrix (fault contact).															
50.65	54.30	GRANODIORITE: med greenish-grey; int. phyllic altd, int. sheared, brx'd; matrix appears crushed/milled.	4	2	4	2	3	1	2								
		50.90-51.00; rubbly core															
		51.53-51.65; gravelly / pebbly core															
		52.12-52.22; broken / rubbly core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		52.22- 52.57; brxd Gd w clay ckle-fracs.															
		52.57- 54.30; core highly broken/blocky w abund clay on core frac surfaces															
54.30	55.62	ANDESITE DYKE: med green; wkly to locally str. cc ckle-fracd; local wte cc ± clay vnlets + frags @ 20° TO sub-11 TCA - may be sigmoidal and up to 4-5 mm wide; core locally broken and fragmented w pale grey clay on core surfaces.	1/4	3	0	3	2	3	0								
55.62	58.10	RHYOLITE BRECCIA DYKE: pale buff to tan to buff-grey, aphanitic to locally int. brxd; rnd'd to angular, small to v. crse (up to 4.0 cm) clasts hosted in waxy clay (pyrophyllite) matrix; H/W contact irreg + brxd; F/W contact marked by 18 cm pebbly clay gouge; matrix str pyrophyllitic-altred, int. pervasively sheared.	0	0	0	4	0	1	1								
58.10	67.79	GRANODIORITE: med-dk greenish-grey int. phyllic-altred; wkly to locally mod ckle-fracd; cc common as f.f., vnlets open-space + tension-gash fillings. pervasive, f. diss to rare crse aggregate py (latter assoc. w epid stringer @ 30° TCA	4	2	4	2	3/4	3	3/4								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		offset of primary cc vnlts / fracs by sec'dy hairline frac pattern is common; core appears competent w/ limited breaks															
		66.14-67.79; matrix extremely phyllic - alt'd in abund cc ckle-fracs and ribbony epid-cs stringers; w/r strongly br'd - rehealed in silica & sericite; lower 40 cm str. br'd; core soft - clay alt'd															
67.79	69.82	BLACK CLAST BRECCIA: soft, blk, rounded to subangular clasts up to 4-5 cm diam enclosed in dk greenish-grey clay matrix - clay supported rep major fault structure.															
69.82	76.50	RHYOLITE DYKE: med to dk grey, aphanitic; tr. to minor fracs; tr cc fracs; pebbly to blocky core 69.82-71.00: extensively frac'd broken core; characteristically waxy texture 71.00-74.00: frac'd, broken, locally blocky core to pebbly / gravelly, waxy due to mod pyrophyllite altn; X-cut by pervasive f.g. f.f. py and locally hosts v.f. g. smokey py replacement in matrix; some local subtle py	0	0	0	3/4	1	3	3/4								
												85457	71.00	72.54			
												85458	72.54	73.46			
												85459	73.46	74.68			
												85460	74.68	75.28			
												85461	75.28	76.50			

Page 10 of 10

Logged By: <u>G. L. WESA</u>	Field Coordinates: <u>6670876 N; 478530 E</u>	Core Size: <u>HQ (101.22m); NQ (To EOH)</u>
Property: <u>SKUKUM CREEK</u>	Survey Coordinates:	Hole Length: <u>638' (194.46m)</u>
Target: <u>POLARIS ZONE</u>	Azimuth / Dip: <u>356° / -60°</u>	Downhole Surveys: <u>42.2m (-57°);</u>
Started: <u>AUG. 6 / 98 (NIGHT)</u>	Claim: <u>RACA 10</u>	<u>149.35m (-58½°); EOH (-58°)</u>
Completed: <u>AUG 13 / 98 (NIGHT)</u>	Casing: <u>9.75m (32')</u>	
Drilled By: <u>CARON</u>	Assays By: <u>ACME</u>	

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
0	9.75	CASING: rubble + pebbly, broken, frag'd, fragmental core comprised of mixed altr'd Gd + Andes pieces; some blocky sections of clay gouge enclosing angular chips + frags; some clay/mud slurry.															
9.75	13.72	RHYOLITE: med grey; intensely ckle-frag'd; intense stockwork of f to v. crse clay-filled fracs; local, well-developed ckle-frag brx; matrix med to strongly pyrophyllite-altr'd (advanced argillic - d/th); core mainly waxy, soft. 9.85-9.95: white qz brx enclosing 1-2mm to 2.0 cm, angular to sub-frag'd dk clasts; clasts med soft; clay-altr'd. 10.75-11.28: fragment'd, rubble core w few short, blocky pieces. 11.28-12.50: fragment'd core; wk to mod ckle-frag'd; wk ckle-brx. 12.50-13.30: crse clay-stockwork brx w local zones up to 6.0 cm wide of pale grey clay alth of matrix w assoc clay-filled tension gashes + fracs projecting outward into med to dk grey altr'd w/r.	0	0	0	4	0	4	0								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		13.50-13.72: pebbly / rubbly - poor recr'y															
13.72	14.02	GRANODIORITE: int. phyllic alt'd, silicified; pale greenish-grey; appears nearly completely recryst - orig texture >90% obliterated; matrix crushed, milled, cut by clay ± cc frags; H/W + F/W contacts faulted	1	0	3	2/3	3/4	3	0								
14.02	22.86	LAYERED (RHYOLITE) TUFF: mainly med-grey - colour; parallel banded; bands of variable thickness @ 45° TCA; matrix med to very soft; med to str. pyrophyllite-alt'd; mainly v. intensely ckle-fract'd to locally ckle-brx'd w dense stockwork clay-filled frags; clay wte to cream to brownish-grey; some montmorillonite; matrix waxy.	0	0	0	4	0	4	0								
		15.65-15.85: core sheared, fragmented ckle-brx.															
		15.85-16.55: med to str ckle-fract'd to brx'd.															
		16.55-17.17: distinct laminations @ 40°-45° TCA.															
		17.17-17.50: sheared, fragment'd core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		18.90-20.20: int. ckle-frac'd to brx'd w/ wte clay frags + tension gashes // to sub-// TCA, matrix banded.															
		20.20-20.42: core sheared; abund gouge															
		20.42-22.86: upper portion of interval wkly to increasingly ckle-frac'd down-section; lower 2/3 v. int. ckle-frac'd w/ local clay-matrix brx; W/R totally sheared, frag- mented; core readily disintegrates; F/W contact faulted.															
22.86	23.50	GRANODIORITE: med greenish-grey; str. phyllic alt'n; int. sheared; core frags / disintegrates easily; matrix, in part, silicified; abund. f. ser-clay frags.	1	0	3	2 3/4	3	0									
23.50	27.80	ANDESITE: dark green; aphanitic to locally, micro-porphyrific; weakly clay ± cc ckle-frac'd; core hard, competent, silicified; recov'g good w/ fairly solid lengths; some local ghost- like fragmentals / clasts in matrix H/W + F/W contacts fragmented.	1/2	2/3	0	2	3/4	1/2	1								
		23.50-24.22: Tr. to minor. f.g. sulph. as f.f., matrix dissem and small clots + patches; ≈ 1.0-1.0% f.g. py.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		24.22-27.80: small (1.0-2.0 mm), anhedral pale greenish-grey phenos in dk green aphan. matrix; $\approx$ 1.0-5.0% phenos.															
27.80	29.66	LAYERED (RHYOLITE) TUFF: pale grey to buff grey, finely laminated; very int. ckle-frac'd to ckle-brx'd; local clay-matrix brx; clay waxy + white to pale grey; w/r v. str. pyrophyllite-altr'd - core soft - disintegrates readily	0	0	0	4	0	4	0								
29.66	30.28	SILICIFIED MYLONITE: pale grey, int ckle-frac'd w in-situ silicified frags within f. frac stockwork; clay-matrix brx occurs in centre of interval, siliceous matrix appears f. gnd, recrystallized; (may be rhyolite?); sericite $\pm$ f. diss py occurs on frags + broken core surfaces proximal to lower margin.	0	0	1	4	4	4	1								
30.28	31.65	GRANODIORITE: med-grey; str. phyllic altr'd w str silicified matrix; weak ser $\pm$ py as ff; weak-moderate ser in matrix; matrix appears totally recrystallized; int. sheared; frac'd + locally brx'd w abund clay as stkwk matrix; <1% v. f. diss. py in matrix; contacts broken core exhibits mottled, quartzitic appearance.	1	0	3	3	4	3	2								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
31.65	33.82	MYLONITE BRECCIA: strongly silicif'd, int. ckle-brx'd in gritty clay matrix; core exhibits banding/layering offset by clay fracs @ 40° TCA near lower margin; ductile-brittle shear, 2.0-4.0 cm wide, sub- TCA; core mostly solid lengths alternating in sections of fragmented, broken core; H/W contact gradational into Gd; F/W contact soft, clay gouge @ 30° TCA.	0	0	2	4	4	4	1								
33.82	38.71	BLACK CLAY BRECCIA: black, argillite looking, fragmental gouge in variably-sized, clay-altr'd, dk grey to blk, rounded to angular clasts in blk, clay/mud matrix; rep. major fault structure; w/r int. sheared, milled; compact to unconsolidated; locally pebbly chips + frags.															
38.71	44.14	LAYERED/LAMINAT'D TUFF: med brownish-grey in dk brown + grey bands; core mainly blocky, fragmented in rare solid lengths; wkly ckle-frac'd; wite cc occurs as local f.f. and open-space + tension gash fillings; some local, minor ckle-brx'n.	0	0	0	1	3	4	1	2	0						
		42.48-43.28: qz-cc filled ckle-fracs,															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		tension gashes + open-spaces; minor gz-cc brx vns up to 1.0 cm width. banding @ $\approx 35-40^\circ$ TCA.															
44.14	45.16	RHYOLITE/RHYOLITE-SULPHIDE BRX: med greenish-grey to dk rhyolite; jukly to str crushed, brx'd w 15-20% and locally, up to 75-80% sulphides as f. to crse dissem, f.f., narrow stringers & vlets, irreg, wavy foliations and/or lenses and, less commonly, matrix sulph interstitial to small, dk, subbrd'd rhy. clasts. Sulph comprise f-crse gr'd py ($\approx 80\%$) and v.f.g, reddish-brown sulph ($\approx 20\%$)-poss. sph (?); minor crse clots/aggregates py occur within 10-12 cm of upper margin; lower 34cm comprised of near-massive sulphide (py, sph)	0	0	0	0	4	3	4			85462	44.14	45.16	1.02		
45.16	45.79	RHYOLITE(?); dk greenish-grey; weak, f. ckle-fracs w f. to crse dissem. clots and aggregates py within matrix; some local f.f. + tension-gash filling py. $\approx 3-5\%$ py; minor local gz $\pm$ cc frags; matrix appears homogenous w subtle indications of banding	0	0	0	0	4	1	2			85463	45.16	45.79	0.63		
45.79	49.10	LAYERED TUFF; med grey; barren, some subtle layering/banding weak ckle-frac'd; tr to locally v. minor f. dissem and ff. py.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
49.10	50.85	MASSIVE SULPHIDE : (To semi-massive) host lithology - dk grey rhyolite; sulphide minerals occur as v.f.g. to crse clots, dissem. aggregates and matrix component interstitial to clasts (in upper, fragmental-looking portion of interval); sulphide concentrn increasing down section fr upper margin; sulphides comprise py ($\approx 60-70\%$) and reddish-brn sph (?) ($30-40\%$) - latter v.f.g. - not positively identified; core solid - good recovery 49.10-49.50' dissem + f.f. sulph ($5-10\%$ sulph. content in matrix). 49.50-49.85' approx 30-35% f. to crse dissem, crse aggregates, wispy patches, irreg foliated-looking lenses, stringers and breccia matrix; 2.0 cm massive sulph band @ 45° TCA at lower margin 49.85-50.25: semi-massive; extremely f.g. to minor crse grnd; ff and thin lenses py; 30-40% sulphide 50.25-50.85: massive sulphide w/ crse dissem, clots + aggregates py in grnd-mass of v.f.g. py + sph ($>90\%$ sulphide); minor, local stretched patches + lenses + ff. py @ 20° to $\perp$ TCA.	0	0	0	0	4	1	4			85464	49.10	50.85	1.75		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
50.85	51.70	RHYOLITE: med-grey w tr to v. weak diss. py in upper half of interval. concn. of dissem py increasing toward lower margin; upper half-core broken.	0	0	0	0	4	1	2 1/4			85465	50.85	51.30	0.45		
		51.30-51.70: semi-massive to massive sulphide (75-85%) w crse dissem. clots + aggregates py + 2.0-3.0 mm stringers + lenses py in groundmass of v.f.g. py + sph?; core solid and competent - h. silicified.										85466	51.30	51.70	0.40		
51.70	7784	LAYERED TUFF: med to dark grey, aphanitic. variably silicified; carbonaceous on f. frags. grain size <1.0-1.0m - rep. ash tuff. 51.70-52.52: rubble to fragment'd core	2	0	1	2	2 1/4	2 1/2									
		52.52-53.74: pale to med greenish-grey, mod to locally str. ckle-fract'd w blk ckle-fracs locally enclosing minor qz, cc + py.															
		53.92-54.17: fine banding (possibly layering) @ 45° TCA; alternating dk + lt green bands - dk bands appear as laminations 1.0-2.0 mm width; lighter bands wider @ 4.0-5.0 mm.															
		54.17-54.94: blocky core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		54.94-55.30; rubbly, fragmented core															
		55.90-56.39; broken, fragmented core.															
		56.39-57.04; subtle banding; local miner py frags up to 2.0mm width random angles TCA.															
		57.04-62.60: mainly dk grey, aphan. tufts w Tr. to minor ckle-fracs alternating solid and broken, fragmented core; broken core surfaces are waxy rep. abund v.f. clay frags; matrix hard, silicified															
		62.60-67.36; dk grey to blk. aphanitic; core locally exhibits laminations and layering @ $< 20^\circ$ TCA; bands locally offset $< 1.0 - 1.0$ cm by hairline frags; core mainly fragmented w some solid, blocky lengths; Tr. to minor v.f.g. dissem & small patches sulphide; carbonac. frags.															
		67.36-73.35; med-grey, aphanitic tuft. w hairline to fine waxy-clay frags core alternately blocky and frag- mented / broken; locally exhibits banding @ 20° TCA; carbonate & clay only on frags; matrix non-carb.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		73.35-73.70: solid, lamin tuff w banding @ 25° TCA.															
		73.70-74.00: fragmented core															
		74.00-74.33: solid lengths core int. ckle - frac'd w qz - epid violet, qz - cc frags and 7.5mm massive sulphide (py) stringer @ 35-40° TCA; core locally exhibits ckle - frac brx texture.															
		74.33-77.84: med - dk grey tuff; mainly fragmented, shattered w few solid lengths; weakly to locally str. finely ckle - frac'd.															
77.84	78.59	SEMI-MASSIVE/MASSIVE SULPHIDE: distinctly banded // to sub-// TCA; v.f.g to fine to locally med. gr'd py as dissem, f.f. + crse bands in grnd mass of v.f.g. py + sph (reddish-brn, non-metallic looking); minor qz - cc ckle - frags - hairline to 2.0mm; 50% - 90% sulphide; tuffaceous matrix appears brxd + rehealed w sulph + silica near lower portion of interval.	2	0	0	2	4	3	4			85467	77.84	78.59	0.75		
78.59	79.25	LAMINATED ASH TUFF: dk green-grey, Tr to locally 2-3% diss to ff. py; H/W (78.59 → 78.79) dk choc-brn	2	0	0	2	4	3	3			85468	78.59	79.25	0.66		

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		in. colour; brxd; mod. ckle-frac'd; cc-filled tension gashes; matrix mod to wkly silicif'd, core mod. soft.															
		78.79-78.85; broken, fragmented core; str carbonaceous on waxy clay core frac surfaces; tr. diss py.															
		78.85-79.25; laminated at $\approx 15^\circ$ TCA; tr. to 10%-12% diss to f.f. to thinly banded, crse py; matrix mod soft; weakly silicif'd.															
79.25	88.20	ASH TUFF: dk grey to black, ophan; mainly strongly silicif'd; core variably shattered, frac'd + broken w/ str. carbonaceous reaction on broken core surfaces; core X-cut by abund cc- waxy-clay frags; locally exhibits speckled appearance charac by fine light to dark anhedral specks	1	0	0	2	3/4	2	1								
		79.25-80.08: broken, fragmented core															
		80.08-80.78: ckle-frac brx rehealed w/ silica; Tr. f. dissem py															
		80.78-81.08: pebbly core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		81.08-82.50: broken / fragment'd core med grey to brownish-grey; w/c ckle-fract'd.															
		82.50-83.60: pervasive, intense ckle-fract'd along hairline to 1.0 mm frags; some local, 7.5 mm, translucent pale grey qz. vns @ 20° TCA; frags locally bounded by thin brownish-green alt'n halos; frags commonly irreg and sigmoidal, local, subtle banding (color banding) @ 30° TCA frags filled w/ calcite ± clay															
		83.60-84.12: v. dk core; h. silicif'd w/r w/ wk ckle-frags; core mainly fragmented.															
		84.12-88.20: dk grey to nearly blk, aphanitic rhy; local subtle banding tr to weakly ckle-fract'd; core mainly blocky w/ some rubbly intervals weak carbonaceous reaction on broken core surfaces - cc-filled frags; frag surfaces waxy-textured.															
88.20	95.10	LAYERED (RHYOLITE) TUFF: med to dark grey, fine grained, commonly speckled (salt + pepper) textured; very well-developed and	1	0	0	3	3	3	1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		distinct laminations to thin 11 layers; may be locally offset & displaced ≤1.0 cm by f. frags; layering @ 25° TCA; layering charac by med to dark grey to brownish-grey to blue-grey bands; layering measures ≤1.0mm up to 1.0-1.5 cm.															
		88.20-90.42: core mainly blocky, jukky carbonaceous, wavy, broken core surfaces															
		90.42-90.52: rubbly, frac'd core															
		90.52-90.70: alternating light and dk layers meas. 3.0-5.0 mm; core stri. ckle - frac'd															
		90.70-91.30: thinly-layered tuff w laminations @ 25° TCA															
		91.30-91.46: rubbly core															
		91.70-92.25: distinct layering @ 35°- 40° TCA w layers up to 1.5 cm; minor py-filled f. frags; 8.0mm reddish-brown band (possibly sph) @ 35° TCA at lower margin - appears as g2-sulf vn; some local silica- flooding and/or matrix replacement;															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		matrix appears somewhat coarser grained possibly ash tuff (1.0-2.0 mm rounded frags)															
		92.25-95.10: more massive; some local, subtle layering; tr. to minor f. cc frags random angles TCA; matrix med to dk grey; core mainly blocky in rare rubbly intervals															
95.10	97.40	BLACK RHYOLITE TUFF: aphanitic to rare, translucent grey qz eyes mens up to 2.0-3.0 mm; mainly silicified to tr. waxy clay frags (possibly pyrophyllitic clay); ff py.	0	0	0	1	4	1	1/2								
		95.80-95.98: core int ckle-fract'd															
		95.98-96.62: core fract'd, broken to blocky; matrix ckle-fract'd to brk'd in abund. clay gouge.															
		96.62-97.40: minor 1.0-2.0 mm greenish-white waxy clay-filled frags @ 10-15° TCA; some minor brk'n @ 96.70 m; 2.0 cm reddish-brown, v.f.g. sulf band bounded by white clay margins @ 30° TCA @ 97.20-97.31m; sulf exhibits fine pepper-like specks in v.f.g. pyritic and															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		reddish-brn ground mass.															
97.40	98.14	LAMINATED (RHYOLITE) TUFF: distinctly and well laminated @ 25° TCA; f. and w frags < 1.0-1.0 mm; lower half brx'd; mod silicified.	0	0	0	4	3/4	1	4								
		97.40-97.78; v. f. g. banded sulf w ≈ 35-40% py + reddish-brn sph. to layering; H/W contact marked by 7.5 cm clay-gouge brx zone; py content ≈ 50%; sph ≈ 50%										85469	97.40	97.78	0.38		
		97.78-98.14; pale grey clay gouge brx enclosing angular to sub-rnd'd frags of dk' rhyolite; F/W brx contact @ 45° TCA.															
98.14	104.85	BLACK (RHY) TUFF: aphanitic, mod frac'd w wte clay-filled frags;	0	0	1	1	3/4	1	0								
		99.40-99.67; broken, fragmented core															
		99.67-99.78; rhy brx w clay-gouge matrix															
		99.78-100.58; fragmented core															
		101.19-103.33; rubbly core															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		103.33 - 104.85; mainly blk, featureless, no fabric; trace pale grey, rnd'd inclusions 1.0 - 2.0 mm in diam. core broken to blocky; matrix hosts minor to locally abund. concn. of v. small (1/2 m - 1.0 mm) blk specks (may be carbon - appear non-metallic); Tr. clay frags.															
104.84	149.35	LAYERED TUFF: very well, finely laminated to locally featureless, massive-looking; med to dk grey to grey-brn to choc brown; mainly fine gr'd w/ locally speckled appearance	0	0	1	3/4	3	1									
		104.84 - 105.76: core broken; layering appears thicker @ >1.0 cm bands, local sections exhibit no fabric; minor dk frags; minor clay-filled frags; pale choc brn to v. dk grey															
		105.76 - 106.26: v.f. laminated; choc brn lamin. @ $\approx 25^{\circ}$ - 30° TCA; matrix locally hosts concentrations of <1.0 - 1.0 mm buff/pale tan (10%), euhed. specks															
		106.78 - 113.69: matrix hosts $\approx 75\%$ buff-grey, <1.0 - 1.0 mm, anhedral specks; appear as distinct zone.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		107.30: 7.0-8.0 cm horiz of speckled tuff in up to 50-55% specks - pale buff-grey.															
		107.54-108.10: matrix mod. ckle-frac'd in fine to broad alt'n holes enclosing fracs; core locally appears pseudo- br'd in choc brn matrix enclosed in med grey-green stockwork-looking alt'n pattern.															
		109.00-109.12: rubbly, fragmented core.															
		109.12-110.38: fragmented to broken core; matrix appears somewhat mottled; locally speckled; layering appears indistinct + irregular - may be disrupted.															
		110.38-111.30: finely // laminated choc brown tuff; locally appears br'd - layering disrupted; laminations @ 26°-27° TCA.															
		111.30-114.00: mainly massive-looking; featureless in local thick layering; matrix hosts pervasive v. f. (<1/2mm) blk, non-metallic specks; core wkly ckle-frac'd; fragment'd to blocky; 1.0-2.0 cm clay gouge zone @ 112.20m.															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		113.69-114.00; rubbly core.															
		114.00-114.80; finely laminated, speckled matrix - lamin @ 25° TCA; f. to coarse (<1/2-1.0 mm), anhedral, buff-tan specks pervasively concentrated (up to 80%) throughout matrix.															
		114.80-114.91; rubbly to sandy core															
		115.00-115.58; dk choc brown, v.f.g. matrix w/ extremely f.g. blk specks (<1/2 mm); core fabric featureless; tr. f. frags.															
		115.58-116.33; rubbly core.															
		116.33-116.42; choc brn, finely lamin, rhythmic layering w/ alternating dk and light brown bands (mainly <1.0-1.0 mm with some 3.0-3.5 mm bands).															
		116.42-118.36; dk grey to blk, massive-looking; blk "pepper" speckled; tr hairline frags.															
		118.57-121.00; similar to 115.00-115.58 w/ rare, indistinct layering															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		121.00-121.44: f. laminated @ 22° TCA w/ 7.0-8.0 cm horizon of crst (≤1.0mm) subhed-euhed, buff-tan sub-rnd'd specks comprising up to 50% of matrix.															
		121.44-122.38: aphanitic, thickly-bedded to massive; layering very subtle/ indistinct; increasing concn of pale greenish-white, waxy clay ± ser fracs @ ≈ 20° TCA (hairline to 2.0mm).															
		122.38-122.10: similar lithology; med to dk grey to choc brn; wkly to str ckle-fract'd to locally ckle-brx'd 122.66-122.77: rubbly core															
		122.87-122.97: 2.0mm clay frags															
		123.07-123.14: clay gouge brx.															
		123.17: 2.0 cm clay (fault) gouge @ 22° TCA w/ 5.0 cm wkly bleached, alt'd, ckle-fract'd F/W.															
		124.41: 5.0 cm speckled horiz w/ ≈ 30% 1.0mm buff-tan specks															
		124.51-125.16: wkly brx'd, disrupted layering;															

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		wk → mod ckle-fract'd; micro-mottled texture; hairline to 2.0 mm pale grey qz frags X-cut core.															
		125.31: 2.0 cm clay-gouge brx vein @ 15° to sub-11° TCA; paralleled by second, <1.0 cm brx vn; F/W exhibits hairline // frags.															
		125.58-125.78: ckle-fract brx															
		126.08-126.28: ckle-fract'd to ckle-brx'd in hairline to 2.0 mm white clay ± ser-filled frags.															
		126.40: 4.5 cm clay-gouge brx vn @ ≈ 20°-25° TCA; F/W & H/W str. ckle-brx'd.															
		126.76: 8.0 cm clay brx (fault gouge)															
		127.10 - 127.22 m: crackle fractured no sulphides. Fine laminae approx 25-30° to core axis.															
		127.50 m: 1.5 cm fault gouge in dark grey to black fine. Tuff at 35-40° to c.a. and approx 45° to bedding plane.															

gged
24
1.6
↓

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		127.8 m = minor dissem. PYRITE							1								
		129.22 and 129.37 m - 1 to 3 mm clay seams at 30° and 45° to c.a.; respectively. Hardness of host ≈ 4 w. only minor steel from Qtz. grains in Tuff.															
		129.92 m - 1 cm bleached ALTERATION SELVAGE in up to 2 mm Q. locs ± minor py. at 20-25° to c. axis.															
		* BLEACHED FRACTURES CONTINUE FROM HERE ALONG BEDDING PLANES AND AT VARIOUS ANGLES TO BEDDING (including perpendicular) "CLAY SEAMS" also very common															
		130.7 m = fault gouge 2 cm thick at 25° to c. axis 1/2 Sx!															
		139.38 - 139.60 m = FAULT GOUGE Brexiation (crackle) to 140 m															
		139.60 - 141.62 m = MASSIVE BROWN aphanitic crackled tuff? - still very soft. Section ends in 1-3 cm fault gouge at 15° to c. axis. Along fault = 7 mm brexiated hull Qtz. vein. Speck of PYRITE on margin.							1								

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		142.30 - 149.35: <u>Steady</u> <u>fractured zone with many sections</u> <u>of fault gouge from 144.90m -</u> <u>145.09m to 147.90m - 149.35m</u> <u>TUFF NOW/ medium gray.</u>															
		144.21 - 144.35m - Faulted in "chunk" of bleached c. or. intrusive ? formerly KGO? Lower contact 30° to c. axis.															
		145.20m - Lamination (bedding) ca 25° to c. axis.															
149.35	160.60	MASSIVE SUBPORPHYRITIC INTER- MEDIATE FELDSPAR PORPHYRY WHICH IS GRAY and fine grained to coarse grained; upper contact 20% disc PY. Anhedral to subhedral white, clear altered plagioclase (?) - 5 mm phos up to 20% by volume. Contacts broken and fine green. Approx. 10% fine to m. gr. chl- crystalline matrix. Carb. alt m. moderate. Abundant 1-2 mm, locally sheeted Carb or Carb-Q veins 45°-70° to core axis. 156.30m = Strong fracturing w. low RQD.	3/3	4	1	3	0	3/3	1/3	1/3							

From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t	
		INTRUSIVE, YOUNGER TUFF TUFFS (ie) At lower contact = fragment of tuff (angular) in Fels. —																
		158.35 - 158.50 m = inclusion of coarse grained KGD w. low contact at 90-150 to c. axis -																
160.60	176.07	MASSIVE CRACKLE BATED AND SHEARED GRAY (MED) TUFF - very f. gr. - occas. bedding 25° to c. axis - abund. clay "slices" w. bleached (narrow holes ~ 1-2mm on either side. 162.91m - 163.11m = Fault breccia and gouge 166.27 - 166.43m = Fault gouge w. bedding 30° to c. axis. 167.13 - 167.53m = Bleached GRANU- DIOIRITE(?) - coarse grained in shear contact w. tan tuff(?) 167.53 - 168.10 - Fault breccia and gouge in tuffs. 168.43 - 169.06m = Fault breccia and gouge.	0	0	0	3	4	0	2	1								

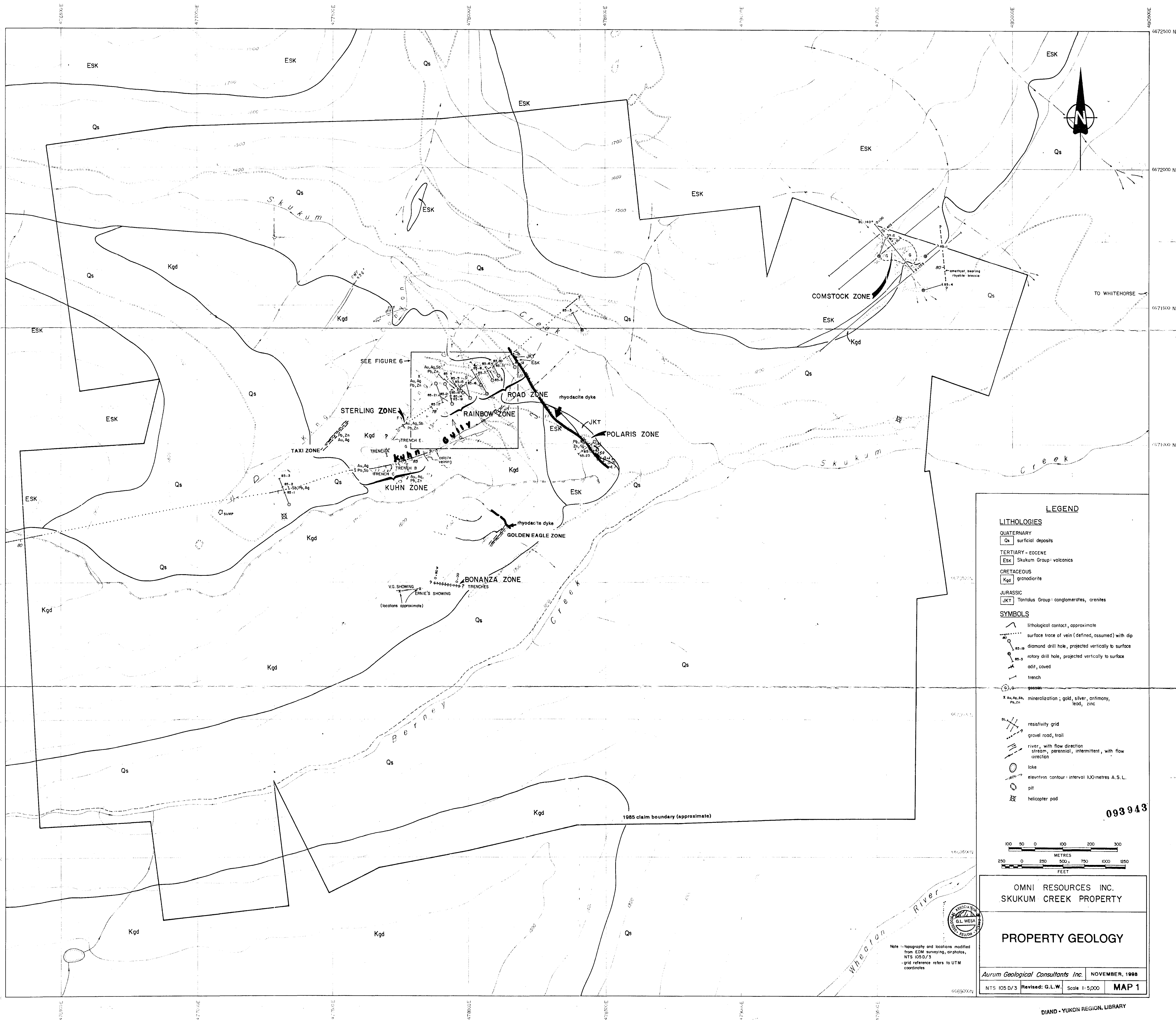
From	To	Description - Lithology, Structure, Alteration, Mineralization	Carbonate	Propylitic	Sericite	Clays	Silicic	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au oz/t	Ag oz/t
		169.62m - 170.42m = Faulted in segment of silicified c. gr. Gd(?)															
		thinner contact 70° to c. axis.															
		Trace dissemin. pyrite.															
		174.02 - 174.14m = Silicified felsite (lt. gray) c. gr. bleached intrusive; faulted in. Lower contact 25° to c. axis.															
		175.51 - 176.07m = Silic. Gd(?) as from 169.62 - 170.42m. Shear contacts 25° to c. axis.															
176.07	193.18	TAN (aphanitic matrix) PROPYLITIZED FELDSPAR PORPHYRY INTRUSIVE - aphanitic matrix makes this body DIFFERENT from feldspar porphyry at 149.35 - 160.60m. - 15-20% spar phenocr. white to light green (clay, sericite) altered. - 70% chloritized rhombohedral former mafic minerals up to 3-4 mm in size (phenocr.)	1/3	4	3/4	1/3	0	1/2	1								
		179.10m = 6cm x 1cm lens of Calcite ± Qtz at 25° to c. axis; lens does not cross entire core.															
193.18	194.46	FINE GRAINED DK. GREEN ANDESITE DYKE with upper calcite shear contact 5mm - 1cm at 45° to c. axis. 25% chl. mafics.	?	4	?	?	?	2	?								
		(E.O.H.)															

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

E.O.H. = 194.46 m.

APPENDIX X

Diamond Drill Hole Cross Sections



LEGEND

LITHOLOGIES

QUATERNARY
Qs surficial deposits

TERTIARY - EOCENE
ESK Skukum Group volcanics

CRETACEOUS
Kgd granodiorite

JURASSIC
JKT Tantalus Group conglomerates, oronites

SYMBOLS

— lithological contact, approximate
— surface trace of vein (defined, assumed) with dip
— diamond drill hole, projected vertically to surface
— rotary drill hole, projected vertically to surface
— adit, caved
— trench
— gossan
X Au, Ag, Sb, Pb, Zn mineralization; gold, silver, antimony, lead, zinc

BL resistivity grid
— gravel road, trail
— river, with flow direction
— stream, perennial, intermittent, with flow direction
— lake
— elevation contour: interval 100 metres A.S.L.
— pit
— helicopter pad

098943

100 50 0 100 200 300
250 0 250 500 750 1000 1250
METRES
FEET

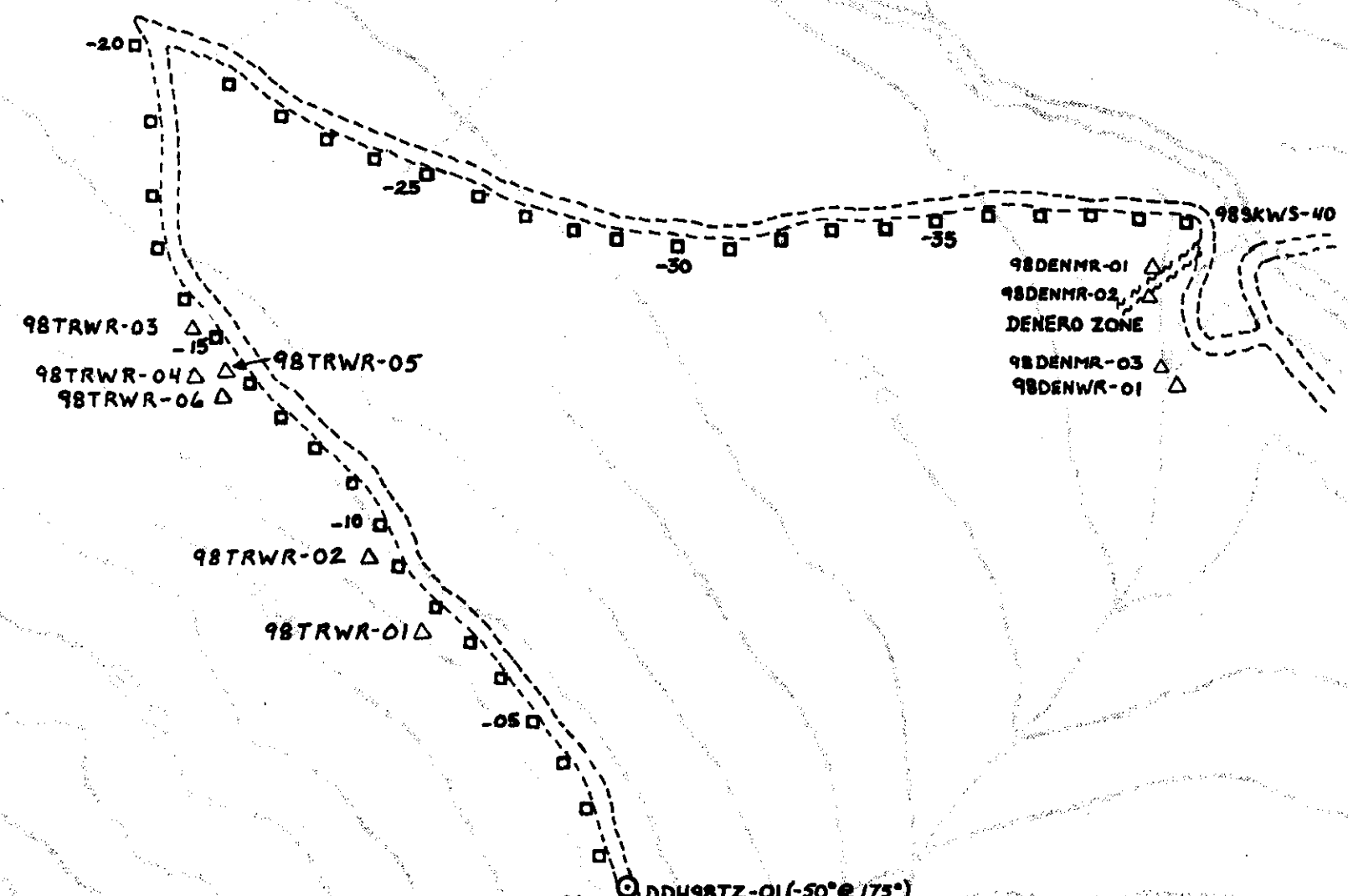
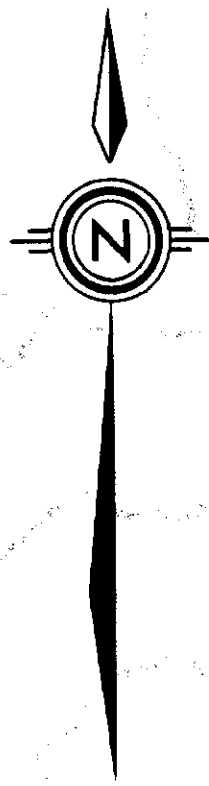
OMNI RESOURCES INC.
SKUKUM CREEK PROPERTY

PROPERTY GEOLOGY

Aurum Geological Consultants Inc. NOVEMBER, 1998
NTS 105 D/3 Revised: G.L.W. Scale 1:5,000 **MAP 1**

DIAND - YUKON REGION, LIBRARY

4472000



98SKWR-01 DDH98TZ-01 (-50° @ 175°)

98SKWR-01
98TZMR-01
98TZMR-02
98TZMR-03
98TZMR-04
TAXI ZONE

98TZMR-05
98TZMR-06
98TZMR-07
98TZMR-01

98SKWR-01
98SKWR-02
98SKWR-03
98SKWR-04

98GEHR-01
98GEHR-02
98GEHR-03
98GEHR-04
98GEHR-05
98GEHR-06
98GEHR-07
98GEHR-08
98GEHR-09
98GEHR-10
98GEHR-11
98GEHR-12
98GEHR-13
98GEHR-14
98GEHR-15
98GEHR-16
98GEHR-17
98GEHR-18
98GEHR-19
98GEHR-20
98GEHR-21
98GEHR-22
98GEHR-23
98GEHR-24
98GEHR-25
98GEHR-26
98GEHR-27
98GEHR-28
98GEHR-29
98GEHR-30
98GEHR-31
98GEHR-32
98GEHR-33
98GEHR-34
98GEHR-35
98GEHR-36
98GEHR-37
98GEHR-38
98GEHR-39
98GEHR-40
98GEHR-41
98GEHR-42
98GEHR-43
98GEHR-44
98GEHR-45
98GEHR-46
98GEHR-47
98GEHR-48
98GEHR-49
98GEHR-50
98GEHR-51
98GEHR-52
98GEHR-53
98GEHR-54
98GEHR-55
98GEHR-56
98GEHR-57
98GEHR-58
98GEHR-59
98GEHR-60
98GEHR-61
98GEHR-62
98GEHR-63
98GEHR-64
98GEHR-65
98GEHR-66
98GEHR-67
98GEHR-68
98GEHR-69
98GEHR-70
98GEHR-71
98GEHR-72
98GEHR-73
98GEHR-74
98GEHR-75
98GEHR-76
98GEHR-77
98GEHR-78
98GEHR-79
98GEHR-80
98GEHR-81
98GEHR-82
98GEHR-83
98GEHR-84
98GEHR-85
98GEHR-86
98GEHR-87
98GEHR-88
98GEHR-89
98GEHR-90
98GEHR-91
98GEHR-92
98GEHR-93
98GEHR-94
98GEHR-95
98GEHR-96
98GEHR-97
98GEHR-98
98GEHR-99
98GEHR-100

GOLDEN EAGLE ZONE

98POLR-01
98POLR-02
98POLR-03
98POLR-04
98POLR-05
98POLR-06
98POLR-07
98POLR-08
98POLR-09
98POLR-10
98POLR-11
98POLR-12
98POLR-13
98POLR-14
98POLR-15
98POLR-16
98POLR-17
98POLR-18
98POLR-19
98POLR-20
98POLR-21
98POLR-22
98POLR-23
98POLR-24
98POLR-25
98POLR-26
98POLR-27
98POLR-28
98POLR-29
98POLR-30
98POLR-31
98POLR-32
98POLR-33
98POLR-34
98POLR-35
98POLR-36
98POLR-37
98POLR-38
98POLR-39
98POLR-40
98POLR-41
98POLR-42
98POLR-43
98POLR-44
98POLR-45
98POLR-46
98POLR-47
98POLR-48
98POLR-49
98POLR-50
98POLR-51
98POLR-52
98POLR-53
98POLR-54
98POLR-55
98POLR-56
98POLR-57
98POLR-58
98POLR-59
98POLR-60
98POLR-61
98POLR-62
98POLR-63
98POLR-64
98POLR-65
98POLR-66
98POLR-67
98POLR-68
98POLR-69
98POLR-70
98POLR-71
98POLR-72
98POLR-73
98POLR-74
98POLR-75
98POLR-76
98POLR-77
98POLR-78
98POLR-79
98POLR-80
98POLR-81
98POLR-82
98POLR-83
98POLR-84
98POLR-85
98POLR-86
98POLR-87
98POLR-88
98POLR-89
98POLR-90
98POLR-91
98POLR-92
98POLR-93
98POLR-94
98POLR-95
98POLR-96
98POLR-97
98POLR-98
98POLR-99
98POLR-100

DDH98PZ-01 (-60° @ 350°)
DDH98PZ-02 (-40° @ 254°)
98POLR-01
98POLR-02
98POLR-03
98POLR-04
98POLR-05
98POLR-06
98POLR-07
98POLR-08
98POLR-09
98POLR-10
98POLR-11
98POLR-12
98POLR-13
98POLR-14
98POLR-15
98POLR-16
98POLR-17
98POLR-18
98POLR-19
98POLR-20
98POLR-21
98POLR-22
98POLR-23
98POLR-24
98POLR-25
98POLR-26
98POLR-27
98POLR-28
98POLR-29
98POLR-30
98POLR-31
98POLR-32
98POLR-33
98POLR-34
98POLR-35
98POLR-36
98POLR-37
98POLR-38
98POLR-39
98POLR-40
98POLR-41
98POLR-42
98POLR-43
98POLR-44
98POLR-45
98POLR-46
98POLR-47
98POLR-48
98POLR-49
98POLR-50
98POLR-51
98POLR-52
98POLR-53
98POLR-54
98POLR-55
98POLR-56
98POLR-57
98POLR-58
98POLR-59
98POLR-60
98POLR-61
98POLR-62
98POLR-63
98POLR-64
98POLR-65
98POLR-66
98POLR-67
98POLR-68
98POLR-69
98POLR-70
98POLR-71
98POLR-72
98POLR-73
98POLR-74
98POLR-75
98POLR-76
98POLR-77
98POLR-78
98POLR-79
98POLR-80
98POLR-81
98POLR-82
98POLR-83
98POLR-84
98POLR-85
98POLR-86
98POLR-87
98POLR-88
98POLR-89
98POLR-90
98POLR-91
98POLR-92
98POLR-93
98POLR-94
98POLR-95
98POLR-96
98POLR-97
98POLR-98
98POLR-99
98POLR-100

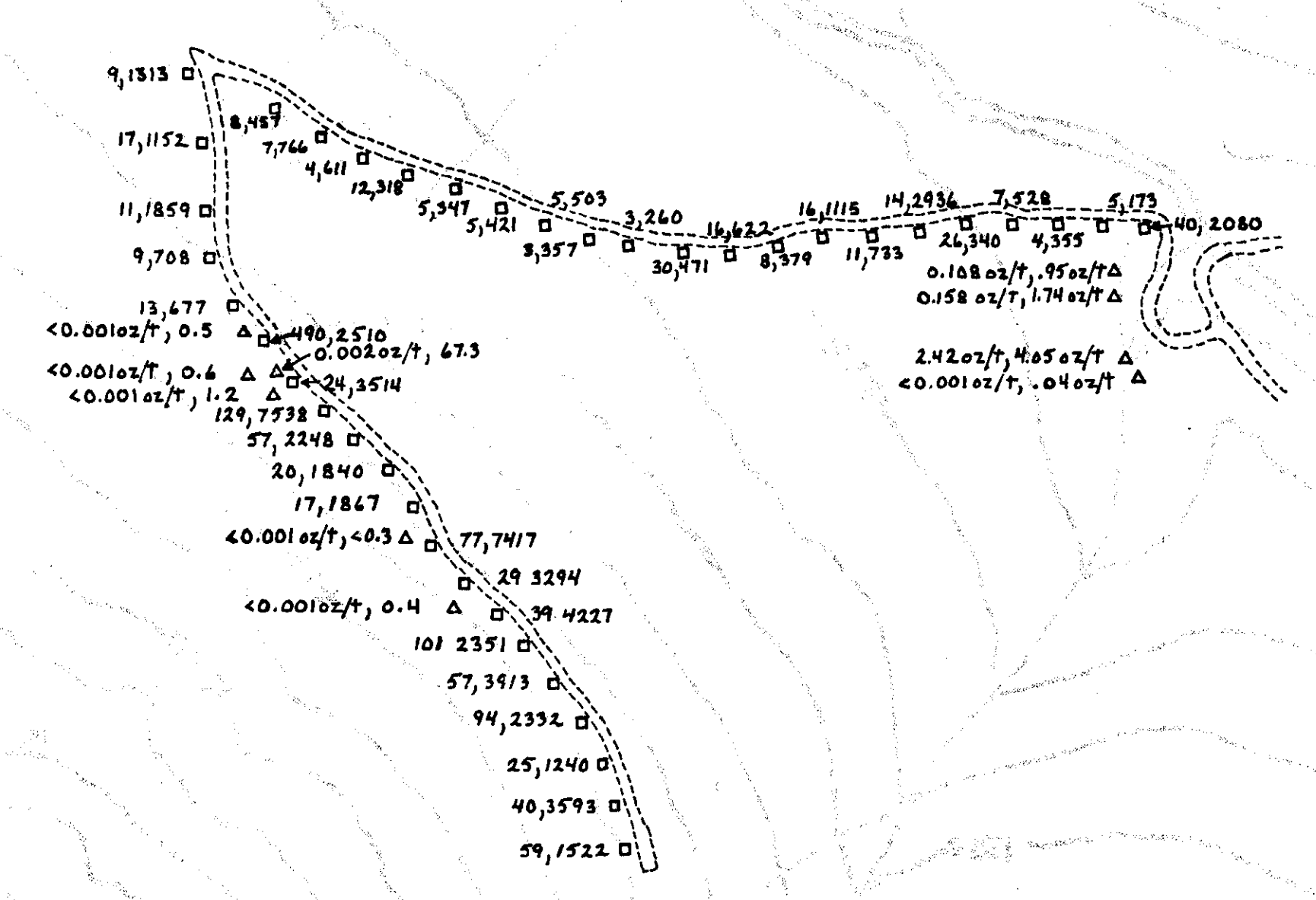
093 943 SYMBOLS

- △ 98TZMR-01 Rock sample
- 98TZMS-01 Soil sample
- Quartz breccia vein
- - - Fault/shear
- Diamond drill hole
- Drill access road
- Trench



OMNI RESOURCES INC. VANCOUVER, BRITISH COLUMBIA	
SKUKUM CREEK PROJECT	
DRILL HOLES AND SAMPLE LOCATIONS	
Map 2	
NTS RAC: 1050/3	REVISIONS
Work by: G. WESA	Work by:
Drawn by: G. WESA	Drawn by:
Date: NOVEMBER, 1998	Date:
Scale: 1:2500	Scale:

DIAND - YUKON REGION, LIBRARY



KING

CANYON

$\Delta 1.15802/t, 20.002/t$

12, 2791
 5, 14, 58 □ 8, 1415
 10, 16, 81 □ 9, 1776
 22, 1865 □
 11, 5412 □ 7, 1906
 18, 3594 □ □ 15, 3731
 3, 427 □ □ 4, 322
 6, 131 □ □ 2, 230
 5, 205 □ □ 2, 102
 3, 59 □ □ 4, 350
 3, 370 □ □
 2, 618 □ □ 3, 491
 3, 588 □ □ 3, 57
 4, 1194 □ □ 12, 2594
 4, 1703 □ □ 5, 1514
 5, 405 □ □ 5, 405

$0.788 \text{ oz./r.}, 2.92 \text{ oz./r.}$ $\square 0.219 \text{ oz./r.}, 2.92 \text{ oz./r.}$
 $\Delta 0.177 \text{ oz./r.}, 2.19 \text{ oz./r.}$
 $10.16 \text{ oz./r.}, 4.64 \text{ oz./r.}$ $\square 0.219 \text{ oz./r.}, 2.92 \text{ oz./r.}$
 $2.15 \text{ oz./r.}, 1.19 \text{ oz./r.}$ $\Delta 0.005 \text{ oz./r.}, .45 \text{ oz./r.}$
 $\Delta 11.20 \text{ oz./r.}, 4.61 \text{ oz./r.}$ $\Delta 0.001 \text{ oz./r.}, .05 \text{ oz./r.}$
 $\Delta 2.32 \text{ oz./r.}, 5.10 \text{ oz./r.}$ $\square 15, 933$
 $2.92 \text{ oz./r.}, 2.92 \text{ oz./r.}$ $\square 0.071 \text{ oz./r.}, .380 \text{ oz./r.}$ $\Delta 13, 1722$
 $\square 10.49 \text{ oz./r.}, 17.85 \text{ oz./r.}$
 $4.81 \text{ oz./r.}, 28.55 \text{ oz./r.}$
 $1.90 \text{ oz./r.}, 2.89 \text{ oz./r.}$
 $0.075 \text{ oz./r.}, .16 \text{ oz./r.}$
 $0.05 \text{ oz./r.}, .26 \text{ oz./r.}$

BERNEY CREEK

SYMBOLS

- Analytical values in PPB unless designated otherwise.

SKUKUM CREEK PROJECT

Map 2

Work by: G. WESA	Work by:
Drawn by: G. WESA	Drawn by:
Date: NOVEMBER, 1998	Date:

00011

ELEV: Merres A.S.L.

1400

1300

1200

1100

DDH 98TZ-01
COLLAR
Elev: 1445m
Angle: -50°
AZIMUTH: 175°

KING CANYON

85822
85823
85824-28

85829

85830-38
85839 (loc. 91)
85840

85841

85842-45

85844
85850

- SYMBOLS**
- Lithological contacts
 - - - Fault/shear
 - == Dyke
 - △ △ △ Brecciation
 - * * Crackle fractures
 - ≡≡≡ Fine layering/laminations
 - ~~~~~ Foliation
- Gd Granodiorite
Hnbl Gd Hornblende granodiorite
QM Quartz Mononite
And Andesite
Rhy Rhyolite
Bio Gns Biotite gneiss
Feld. Porph feldspar porphyry
py Pyrite
cpy Chalcopyrite
sph Sphalerite
ga Galena
aspy Arsenopyrite
qz Quartz
chl Chlorite
85840 sample number (core intercept)



093 943

OMNI RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

SKUKUM CREEK PROJECT

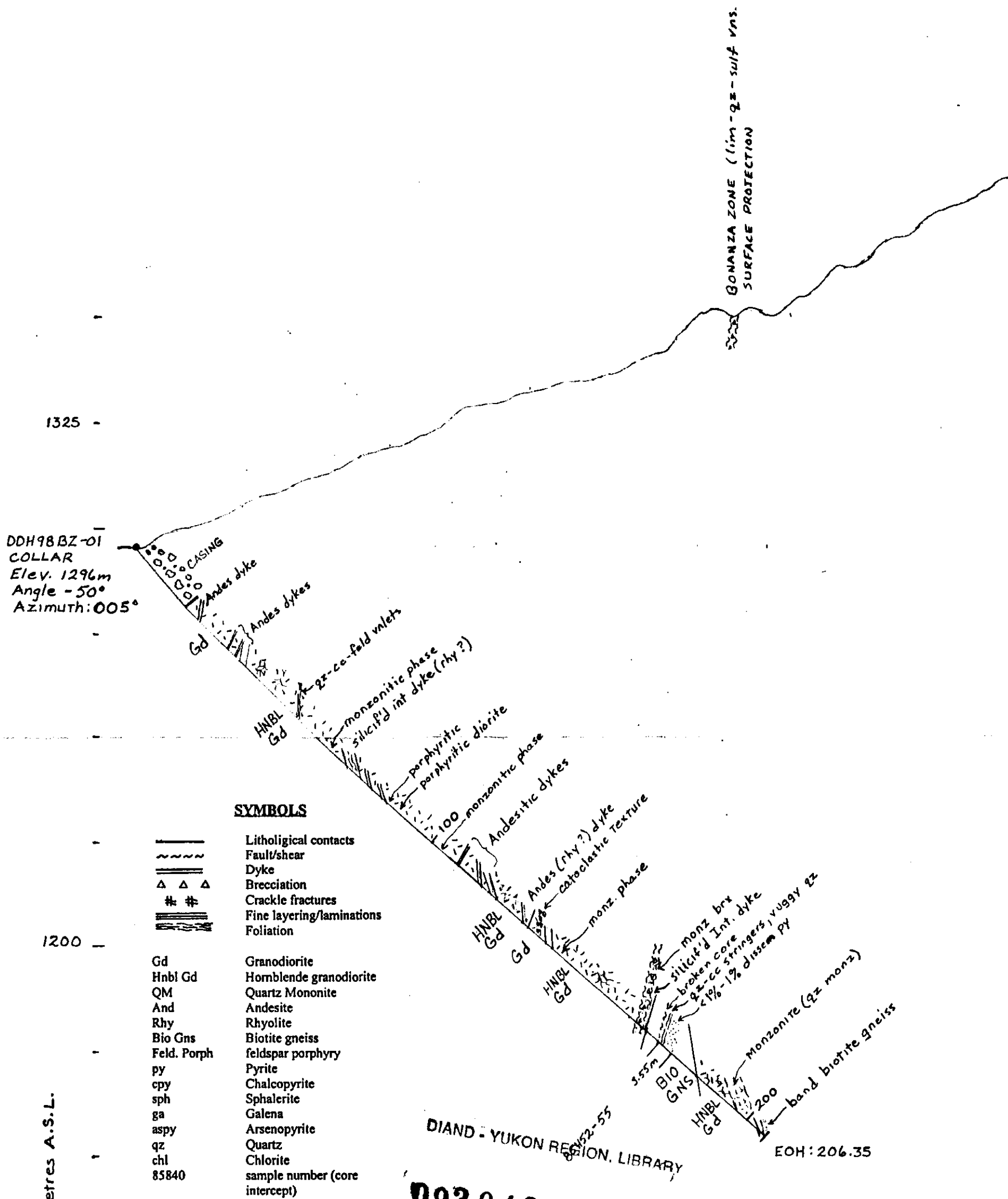
CROSS SECTION DDH98TZ-01(TAXI)

LOOKING 085°

SCALE: 1:500

DIAND - YUKON REGION, LIBRARY

EOH: 486.71



SYMBOLS

—	Lithological contacts
~~~~	Fault/shear
==	Dyke
△ △ △	Brecciation
# #	Crackle fractures
	Fine layering/laminations
~~~~~	Foliation
Gd	Granodiorite
Hnbl Gd	Hornblende granodiorite
QM	Quartz Mononite
And	Andesite
Rhy	Rhyolite
Bio Gns	Biotite gneiss
Feld. Porph	feldspar porphyry
py	Pyrite
cpy	Chalcopyrite
sph	Sphalerite
ga	Galena
aspy	Arsenopyrite
qz	Quartz
chl	Chlorite
85840	sample number (core intercept)

OMNI RESOURCES INC.

VANCOUVER, BRITISH COLUMBIA

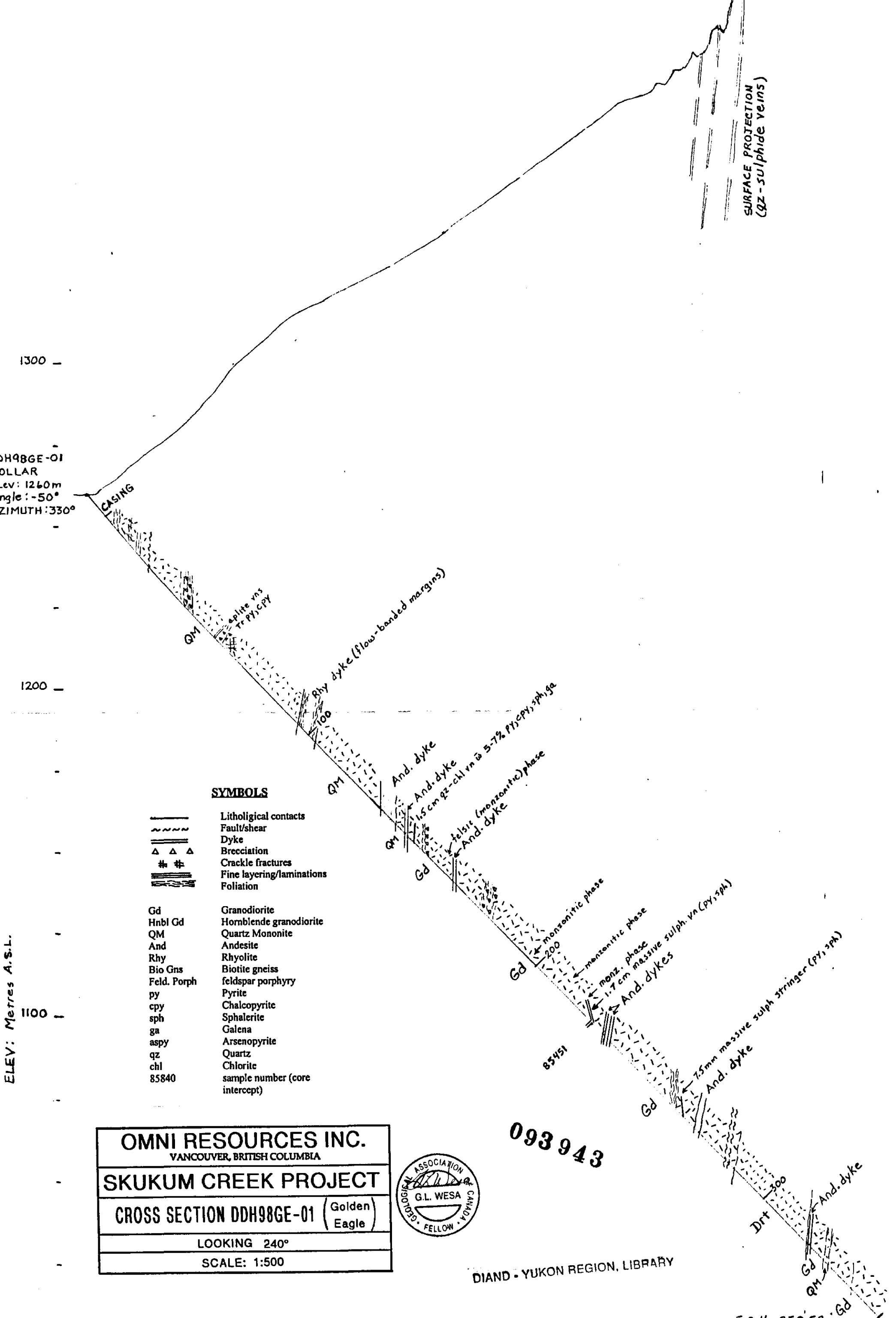
SKUKUM CREEK PROJECT

CROSS SECTION DDH98BZ-01(BONANZA)

LOOKING 270°

SCALE: 1:500





DDH98GE-01
DOLLAR
Elev: 1260m
Angle: -50°
DIP: 330°

SURFACE PROJECTION
(qz-sulphide veins)

1300

1200

1100

ELEV: Metres A.S.L.

SYMBOLS

- Lithological contacts
- ~~~~ Fault/shear
- == Dyke
- △ △ △ Brecciation
- * * Crackle fractures
- ||| Fine layering/laminations
- ~ Foliation

- Gd Granodiorite
- Hnbl Gd Hornblende granodiorite
- QM Quartz Mononite
- And Andesite
- Rhy Rhyolite
- Bio Gns Biotite gneiss
- Feld. Porph feldspar porphyry
- py Pyrite
- cpy Chalcopyrite
- sph Sphalerite
- ga Galena
- aspy Arsenopyrite
- qz Quartz
- chl Chlorite
- 85840 sample number (core intercept)

OMNI RESOURCES INC.
VANCOUVER, BRITISH COLUMBIA

SKUKUM CREEK PROJECT

CROSS SECTION DDH98GE-01 (Golden Eagle)

LOOKING 240°

SCALE: 1:500

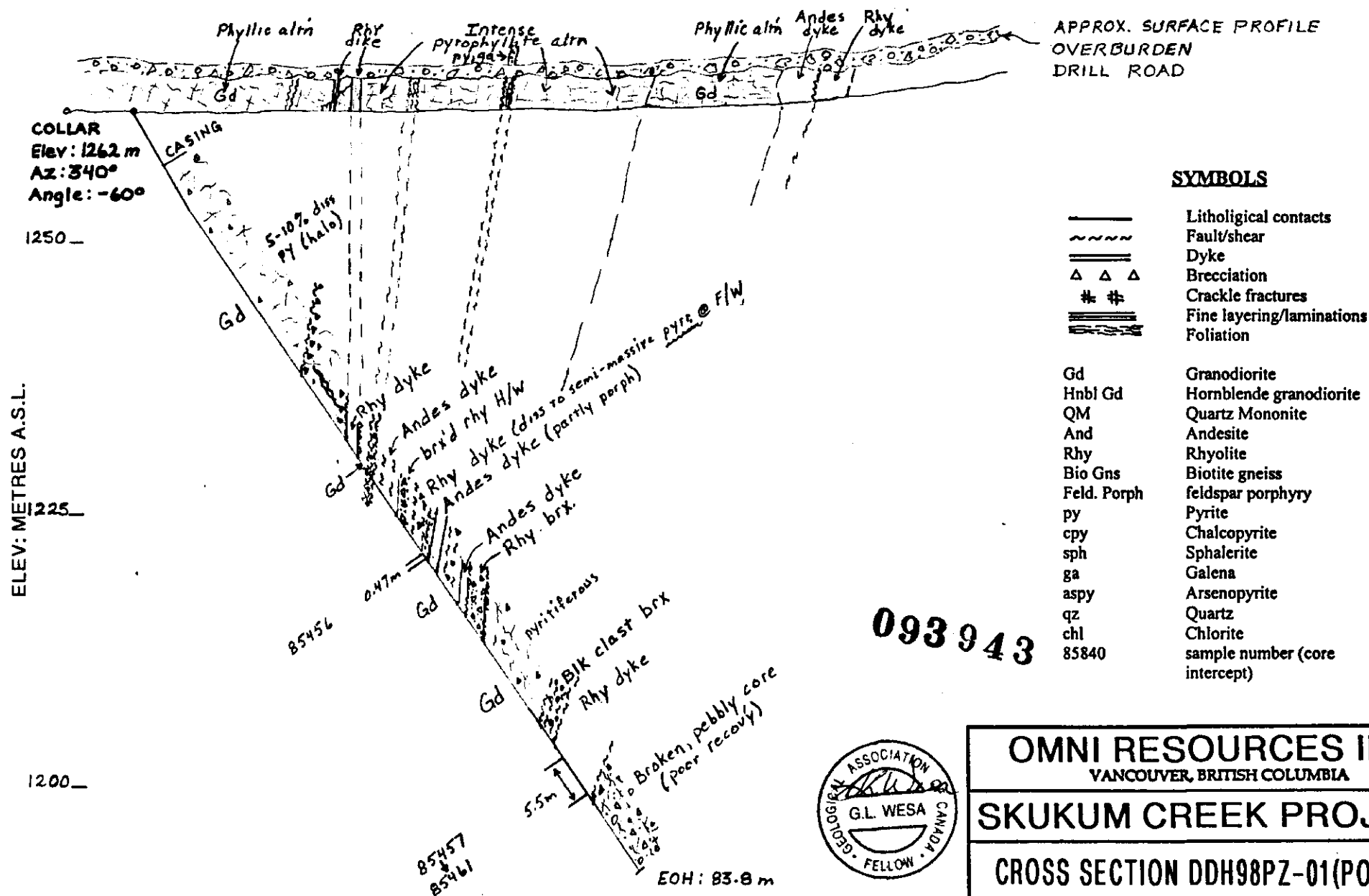


093943

DIAND - YUKON REGION, LIBRARY

1275_

DIAND - YUKON REGION, LIBRARY



OMNI RESOURCES INC.

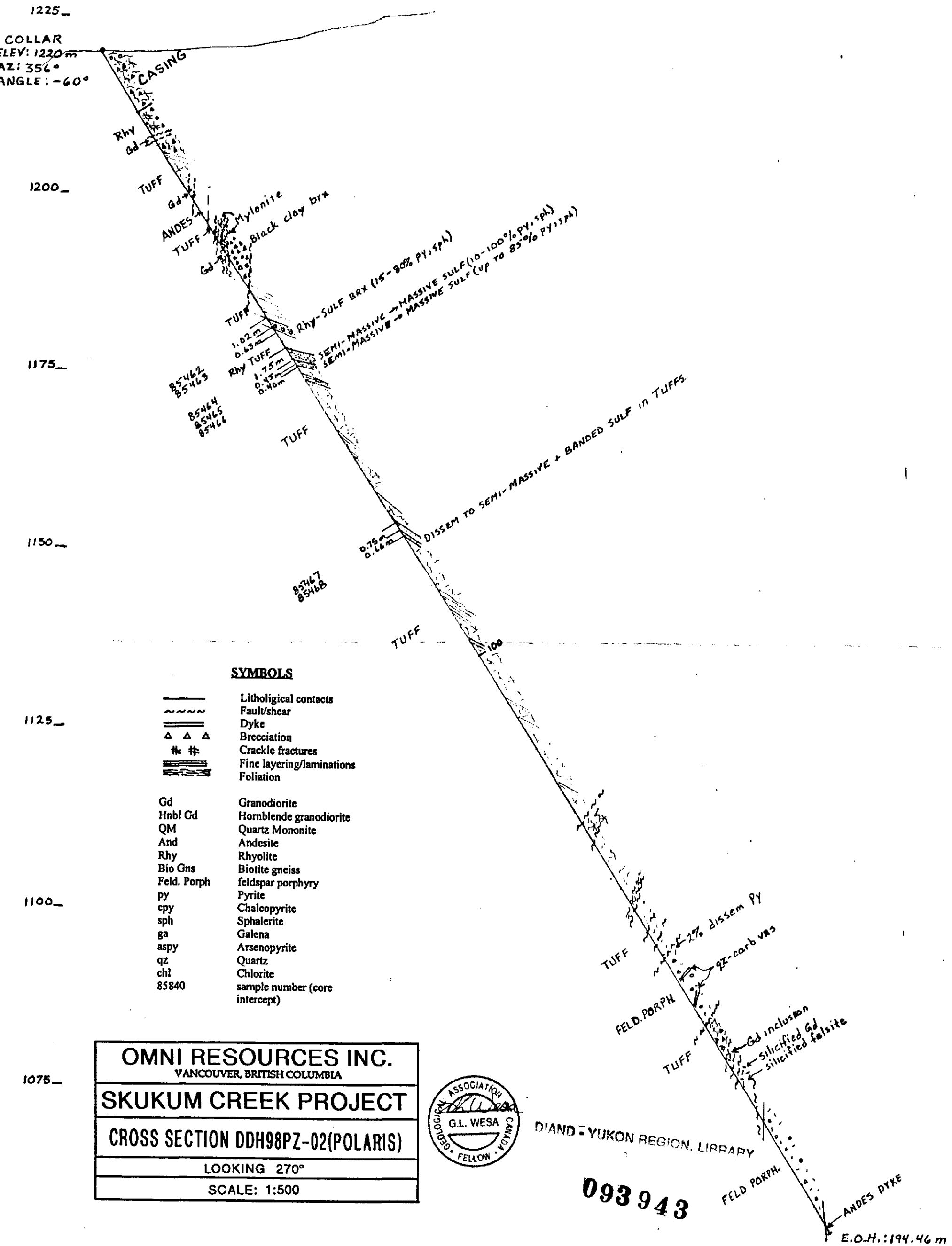
VANCOUVER, BRITISH COLUMBIA

SKUKUM CREEK PROJECT

CROSS SECTION DDH98PZ-01(POLARIS)

LOOKING 250°

SCALE: 1:500



SYMBOLS

- Lithological contacts
- ~~~~ Fault/shear
- == Dyke
- △ △ △ Brecciation
- * # Crackle fractures
- ||| Fine layering/laminations
- ~~~~~ Foliation

- | | |
|-------------|--------------------------------|
| Gd | Granodiorite |
| Hnbl Gd | Hornblende granodiorite |
| QM | Quartz Mononite |
| And | Andesite |
| Rhy | Rhyolite |
| Bio Gns | Biotite gneiss |
| Feld. Porph | feldspar porphyry |
| py | Pyrite |
| cpy | Chalcopyrite |
| sph | Sphalerite |
| ga | Galena |
| aspy | Arsenopyrite |
| qz | Quartz |
| chl | Chlorite |
| 85840 | sample number (core intercept) |

OMNI RESOURCES INC. VANCOUVER, BRITISH COLUMBIA
SKUKUM CREEK PROJECT
CROSS SECTION DDH98PZ-02(POLARIS)
LOOKING 270°
SCALE: 1:500



DIAND - YUKON REGION, LIBRARY

093943

FELD PORPH

ANDES DYKE

E.O.H.: 194.46 m