NTS 104B/9W
Lat 56°44'
Long 130°21'

LOG NO: 0711 RD.
ACTION:

FILE NO:

GEOLOGICAL and GEOCHEMICAL REPORT on the ADAM CLAIM Liard Mining Division

for

KELAN RESOURCES INC.
#330 - 580 Hornby St
Vancouver, B.C. V6C 3B6
Tel: (604)984-7211 Fax: 988-4653

by

Roger G. Kidlark, B.Sc.,F.G.A.C.

RELIANCE GEOLOGICAL SERVICES INC.
241 East 1st Street
North Vancouver, B.C. V7L 1B4
(604) 984-3663
Fax: (604) 988-4653

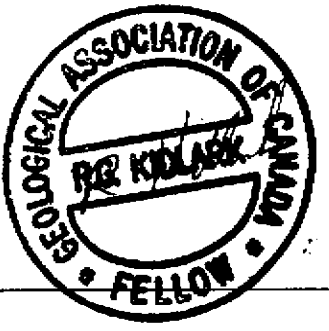


TABLE OF CONTENTS

SUMMARY

The Adam claim group is located in the Iskut-Sulphurets area of northwestern B.C., which is currently the site of intensive exploration and development activity (Figure 1). It is about 80 km north-northeast of Stewart, British Columbia in the Liard Mining Division on claim map 104B/9W.

The claim lies approximately 9 km northeast of the Eskay Creek property of Calpine Resources Inc./Stikine Resources Ltd. Other advanced properties in this region include the Snip deposit held by Cominco Ltd./Prime Resources Corp, Skyline Gold Corporation's Johnny Mountain Mine on the west and the Sulphurets area to the south.

Little has been done in the immediate area of the claim with the exception of a government regional geochemical survey in 1987. Strongly anomalous results in trace elements indicators such as mercury, barium and antimony which are associated with the Eskay Creek deposit have been noted in stream sediment samples. A drainage on the east side of the Adam claim returned values of 127 ppm nickel, 36 ppm cobalt, 1500 ppm manganese, 200 ppb mercury and 59 ppb gold.

The subject property is underlain by siltstone, sandstone, and mudstone, likely belonging to the Middle Jurassic Salmon River of Ashman Formations.

Results from 1990 Phase 1 rock and stream sediment sampling were inconclusive.

An exploration program consisting of magnetometer, VLF-EM, and Induced Polarization geophysics has been recommended to test the subsurface for mineralization within the favourable Hazelton Group units. The estimated cost is $80,000.

1. INTRODUCTION

This report was prepared at the request of Kelan Resources Inc. to describe and evaluate the results of geological and geochemical surveys completed by Reliance Geological Services Inc. on the Adam Claim Group, Eskay Creek Area, British Columbia. The fieldwork was carried out from July 11 - 18, 1990. The report also describes the regional geology, area history, previous work, and makes recommendations for further work.

The purpose of the project was to perform a grassroots evaluation of the entire property to locate precious and/or base metal mineralization similar to the nearby Eskay Creek deposit.

2. LOCATION, ACCESS AND PHYSIOGRAPHY

The Adam property is located in the Liard Mining Division, approximately 75 km north of Stewart, B.C. The main supply centre for the region is Smithers, B.C., 300 km southeast. The area is on NTS mapsheet 104B/9W and the coordinates are Latitude 56°44' North and Longitude 130°21' West (Figures 1 and 2).

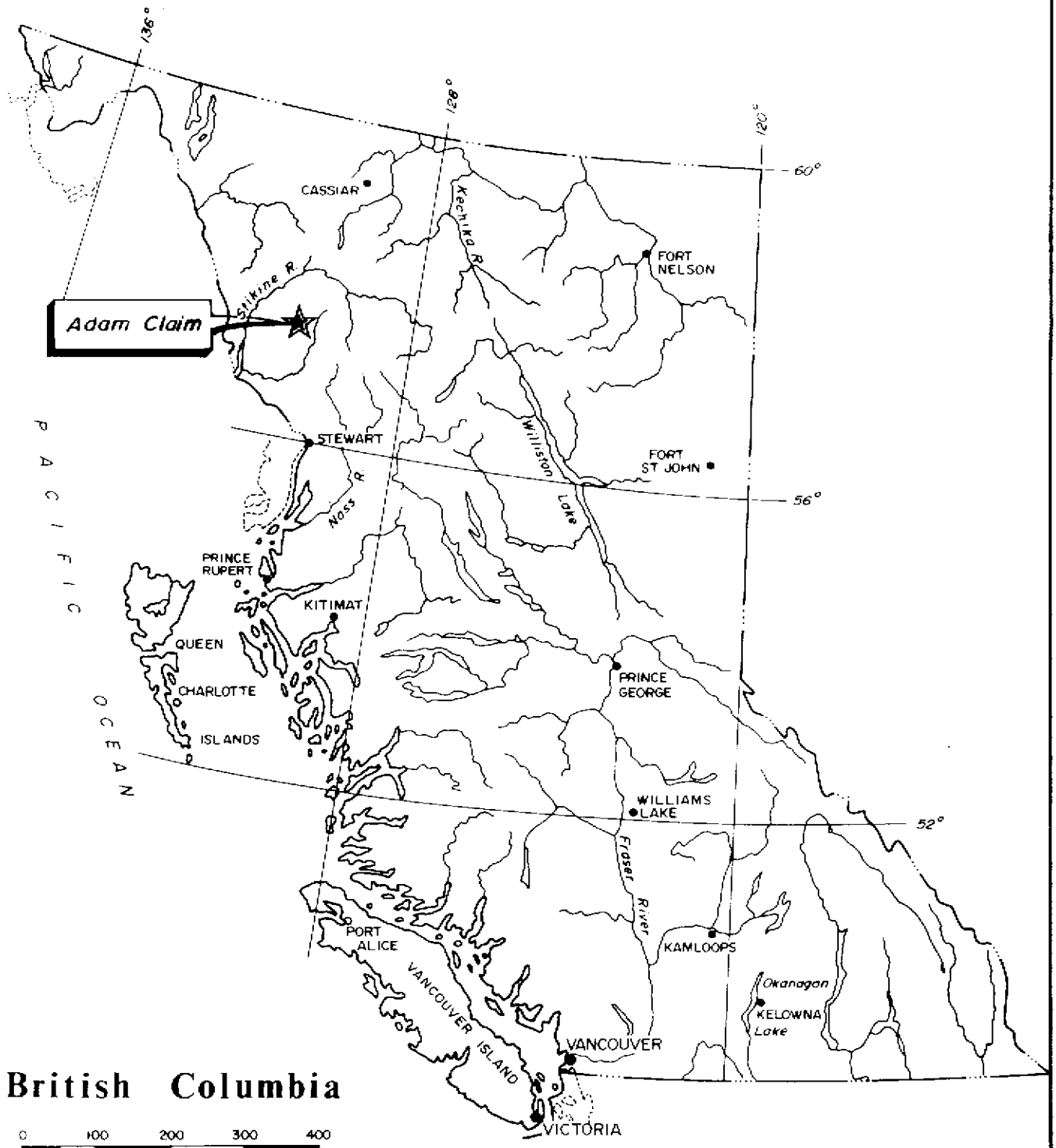
Access to the property is best attained from the Bob Quinn Lake staging base, located approximately 340 km north of Kitwanga on the Stewart-Cassiar Highway (Hwy 37). From there, the property is 27 km west by helicopter.

The B.C. Government has announced plans to build a road into the Iskut area, which will improve access upon completion.

The claims occupy a NE-SW trending valley. Slopes range from gentle to steep, with elevations ranging from 1000 m (east side of claims) to 1525m (NW corner) for a total relief of 525 meters.

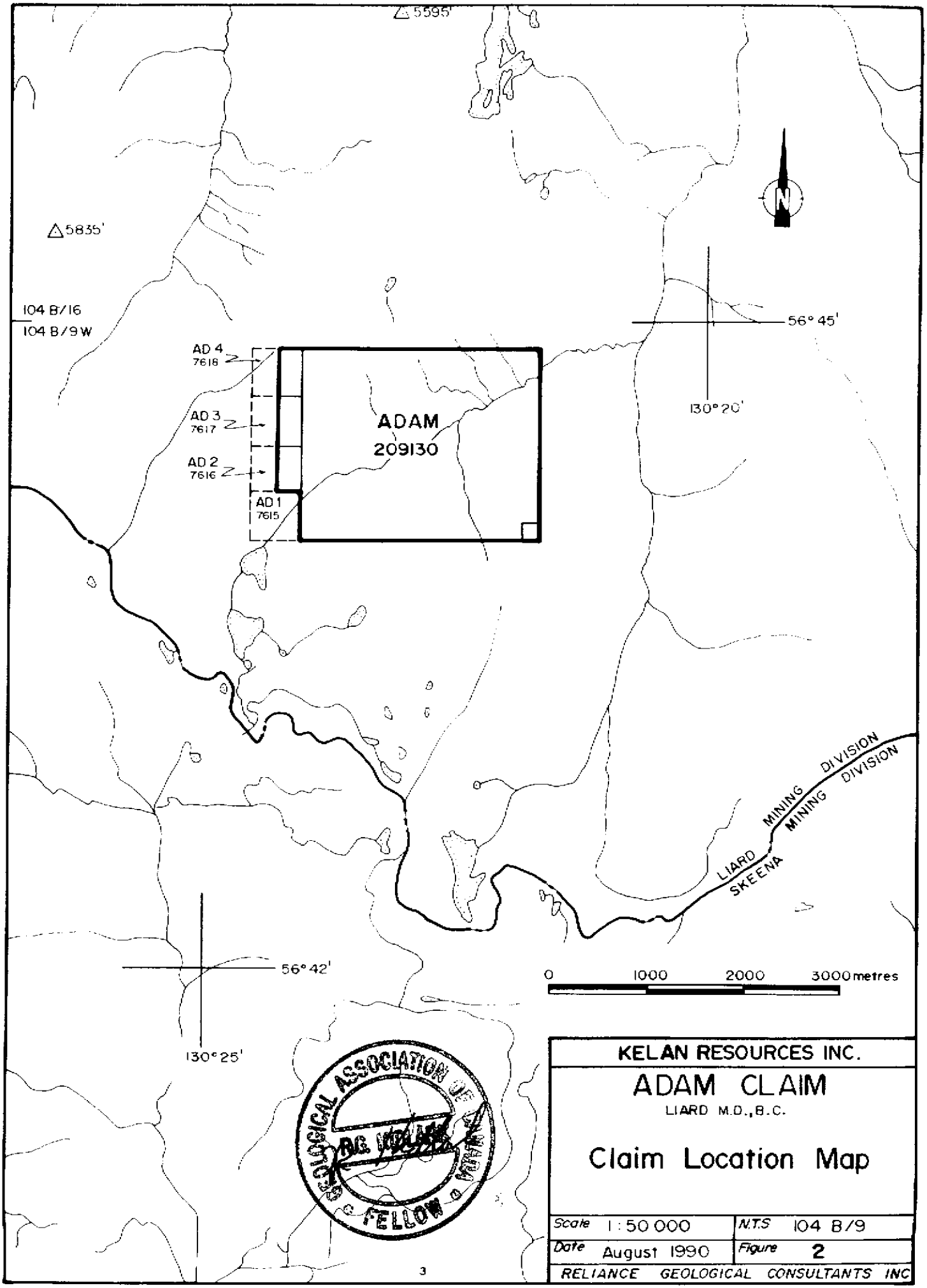
Low lying regions have some mature mountain hemlock and balsam, changing to subalpine and alpine vegetation consisting of stunted shrubs and grasses. Approximately 60% of the property is above tree-line.

Climate in the area is severe, particularly at the higher elevations. Heavy snowfalls in winter and rain in the short summer working season are typical of the Iskut-Sulphurets area. Inclement weather conditions and reliance on helicopter transport make this a relatively high cost area for exploration. Recommended field season is from late June to mid September.



GEOLOGICAL ASSOCIATION OF CANADA
R.G. MCCLAY
FELLOW

KELAN RESOURCES INC.	
ADAM CLAIM LIARD M.D., B.C.	
General Location Map	
Scale as shown	N.T.S 104 B/9
Date August 1990	Figure 1
RELIANCE GEOLOGICAL CONSULTANTS INC.	



KELAN RESOURCES INC.

ADAM CLAIM

LIARD M.D., B.C.

Claim Location Map

Scale 1 : 50 000	N.T.S 104 B/9
Date August 1990	Figure 2

RELIANCE GEOLOGICAL CONSULTANTS INC

3. PROPERTY STATUS

The Adam Property consists of one 4 post and four 2 post mineral claims, totalling 24 units. The claims are 100% owned by Kelan Resources Inc., #330 - 580 Hornby Street, Vancouver, B.C.

Pertinent Claim data is as follows:

Claim	Record #	Units	Record Date	Expiry Date
Adam	7496	20	June 30/90	1991
AD1	7615	1	July 12/90	1991
AD2	7616	1	July 12/90	1991
AD3	7617	1	July 12/90	1991
AD4	7618	1	July 12/90	1991
		24		

The total area, correcting for overlap, is approximately 540 hectares.

4. HISTORY AND PREVIOUS WORK

There is no record of any work having been carried out on the Adam prospect. A stream sediment sample collected from the southern part of the claim assayed 127 ppm Ni, 36 ppm Cu, 1500 ppm Mn, 200 ppb Hg, 59 ppb Au (G.S.C. and B.C.E.M.P.R. Regional Geochemical Survey, 1987).

The Stewart area has been mined actively since the early 1900's and is one of the most prolific mining districts in British Columbia (Grove, 1971). A brief summary of activity on surrounding properties follows.

Recent exploration and development activity has focused on vein and fissure vein gold mineralization in the northern part of the Stewart Complex, the Iskut River area, where several new discoveries have been made. These include Skyline's Johnny Mountain Mine, Prime Resources/Cominco's Snip deposit, various deposits under development by Newhawk and its partners in the Sulphurets area, Magna Ventures Doc property and recent

discoveries by Calpine Resources and Stikine Resources at Eskay Creek.

Mineralization has been known and worked sporadically on Johnny Mountain since 1907. In 1956, drilling and underground work on the Stonehouse Zone outlined gold, silver and copper mineralization. In 1980 Skyline Explorations staked the property, which is located 44 km west of the Adam prospect. Since 1981, various exploration programs have been conducted for high grade gold and polymetallic massive sulphides. Present reserves at Johnny Mountain, (Northern Miner, Aug. 21, 1989) are 876,000 tons grading 0.55 oz./t gold and 1.00 oz./t silver.

Mineralization on the jointly held ground of Cominco Ltd. and Prime Resources Corporation (formerly Delaware Resources Corp.) was discovered in 1965 but was not developed until recently. Gold occurs in quartz veins within a shear zone. Proven and probable reserves at the Snip Deposit are 1,691,000 tonnes grading 0.834 oz./t gold (Prime Resources, 1959). The deposit lies approximately 45 km west of the Adam prospect.

The Sulphurets Creek area, about 26 km southeast of the Adam property, incorporates a wide variety of gold mineralization. In the Brucejack Lake area, the West Zone is reported to contain 854,072 tons of proven and probable ore grading 0.354 oz/t gold and 22.94 oz/t silver (Northern Miner Handbook, 1989-90) in a structurally controlled quartz vein stockwork. Recent results include 84.6 ft of 7.5 oz/t gold (GCNL August 16, 1989) from the West Zone underground drilling. The Snowfield Zone and Sulphurets Lake Gold Zone are bulk tonnage low grade deposits containing 7.7 million tons of 0.075 oz/t gold and 20 million tons of 0.08 oz/t gold respectively (GCNL Aug. 24, 1989).

Magna Ventures Doc deposit hosts 470,000 tons grading 0.27 oz/t gold and 1.31 oz/t silver. Mineralization occurs in quartz veins

2 m wide and 170 m long hosted by a shear zone cutting Upper Triassic Stuhini Group volcanics. This property has been optioned by Echo Bay Mines and is located approximately 35 km south of the Adam prospect.

The most recently discovered gold mineralization occurs on the Calpine-Stikine Eskay Creek property 11 km southwest of the Adam prospect. The current drilling program on the "21 zone" has outlined a mineralized body over 1300 m long that is open along strike in both directions and at depth. Mineralization occurs at the contact between sulphide rich, silicified, felsic breccias (Mt. Dilworth Formation) and argillaceous sediments which are in turn overlain by intermediate volcanics. The stratabound nature of the Eskay Creek deposit has been described as a volcanic epithermal type deposit with its mineral composition and host rock association similar to the deposits in the Carlin district of Nevada (Northern Miner, August 25, 1989).

Drilling in the 21 Zone has returned spectacular results, including hole CA59-109 which assayed 0.875 oz/t gold over 682 feet. After drilling approximately 69 holes, Stikine released an open pitable reserve figure of 3 million tons of .25 oz/ton gold. To date over 140 holes have been drilled, including hole 109. There are indications that the actual tonnage could triple and the grade could substantially increase. Further work is in progress with two drills currently working on the property.

5. REGIONAL GEOLOGY

Grove (1956) classifies the mineralization in the Stewart-Iskut area into three categories: fissure veins and replacement veins, massive sulphide deposits, and porphyry deposits.
The area is underlain by the Stewart Complex (Grove 1971, 1986). The Stewart Complex encompasses Late Palaeozoic and Mesozoic rocks, confined by the Coast Plutonic Complex to the west, the

Bowser Basin to the East, Alice Arm to the south and the Iskut River to the north.

The oldest units in the Stewart Complex are Upper Triassic epiclastic volcanics, marbles, sandstones and siltstones. These, in turn, are overlain by sedimentary and volcanic rocks of the Upper Triassic to Middle Jurassic Hazelton Group. In the Unuk River area, the Hazelton Group had been subdivided (Alldrick et al, 1989) into the Lower Jurassic Unuk River, Betty Creek and Mt. Dilworth Formations, and the Middle Jurassic Salmon River Formation. Upper Jurassic sedimentary rocks were identified as the Nass Formation by Grove (Grove, 1956) and included by him in the Hazelton Group. More recently the Salmon River Formation has been included in the Spatsizi Group (Alldrick, 1989). Both the Salmon River and Ashman Formations occur in the Middle Jurassic.

The Unuk River Formation was deposited during Upper Triassic to Lower Jurassic times and marks a period of submergence (marine sedimentation) followed by emergence marked by volcaniclastic rocks. These rocks include arkosic and lithic wackes, siltstones, conglomerates, tuffites and green and grey intermediate to mafic volcanics. Unuk River rocks outcrop along a broad north northwesterly trending belt from Alice Arm to the Iskut River.

Subsequent to deposition of the Unuk River Formation, a period of erosion and deformation occurred followed by deposition of the Betty Creek Formation volcanics and marine sediments. Betty Creek rocks are characterized by red and green volcaniclastic agglomerates with intercalated andesitic flows, pillow lavas, chert and minor carbonate lenses.

The Mt. Dilworth Formation was deposited during a period of explosive felsic volcanic activity. Massive to bedded airfall tuffs and welded ash flow tuff characterize this formation.

The Salmon River Formation comprises thin bedded, alternating siltstones and mudstones with minor limestone. The overlying Ashman Formation is characterized by turbidites and wackes with lesser intraformational conglomerates and marked by a basal chert pebble conglomerate.

These stratified rocks were intruded by alkali feldspar granites, monzonites and plagioclase porphyries during the Jurassic, and by felsic dykes in Tertiary times; these are thought to be important to mineralization in this area.

Major structural features of the Stewart Complex include the western boundary contact with the Coast Intrusive Complex. The northern boundary is at the Iskut River where extensive deformation has thrust Palaeozoic strata south across Middle Jurassic and older units. Younger faulting has also occurred throughout the Iskut area. A line of Quaternary volcanic flows marks the southern limit of the complex and the Meziadin Hinge defines the eastern border.

Doubly plunging, northwesterly-trending synclinal folds of Salmon River and underlying Betty Creek Formations dominate the structural setting of the area. These folds are locally disrupted by small scale east-overthrusts (Tippy Lake, Knipple Lake) on strikes parallel to the major fold axes. Cross-axis steep wrench faults and major northwest faults locally overturn beds.

6. 1990 EXPLORATION PROGRAM

6.1 Methods and Procedures

During July, 1990, a field crew consisting of a project geologist (the writer), field geologist and a geotechnician, performed geological mapping and stream sediment sampling on the entire property.

A compass, hipchain, altimeter and topographic features were used for control for all surveys. A total of 30 rock samples were collected and analyzed for gold and multi-element ICP by International Plasma Laboratory Ltd. See Appendix A for rock sample descriptions and Appendix B for analytical rocks and techniques.

Sixteen pan concentrates and 32 stream sediment samples were collected from north and south flowing streams throughout the property. Using gold panning techniques, full pans of sediment were concentrated to approximately 1/5 of the original size. The stream sediment samples were collected from the active part of the drainages, from the sand-silt size fractions. Samples were packaged in Hubco Sand Bags and sent to International Plasma Laboratory Ltd. for gold and multi-element ICP analysis (Appendix B).

6.2 Property Geology (Figure 3)

The property is underlain dominantly by well foliated, thinly bedded black siltstone. Thin beds (10 cm) of buff coloured sandstone, sandy siltstone, mudstone, and chert are commonly interbedded with the siltstone. The above units are likely part of the Middle Jurassic Salmon River and/or Ashman Formations, belonging to the Bowser Lake Group.

The sedimentary package is commonly cut by a series of steeply dipping white quartz veins up to 1.5m wide. The veins generally contain a few percent ankerite and local pyrite. Epidote and chlorite occur along fractures and the margins of veins.

Numerous bedding, foliation, and joint attitude measurements were taken. There is no consistent pattern to the strikes and dips, indicating that the units are complexly folded.

6.3 Geochemistry (Figure 4)

The results for all rock chip and select samples were not significant in gold, silver or copper. Four samples (AR 12, KR 6, 10, 11) were anomalous in zinc, ranging from 108 to 164 ppm. Sample KR10 assayed 2817 ppm strontium, which could indicate the presence of a nearby intrusive pluton.

The results from pan concentrate and silt samples are not considered significant.

6.4 Discussion of Results

The Bowser Lake Group of sediments which underlie the property are known to be void of economic metallic mineralization. Hence, the low geochemical results are not surprising.

The Bowser Lake Group overlies the more favourable volcano-sedimentary units of the Lower Jurassic Mount Dilworth, Betty Creek and Unuk River Formations of the Hazelton Group. The Bowser-Hazelton contact occurs very close to the western boundary of the property, indicating that the cover of Bowser sediments could be thin on the subject property. Geophysical work is needed to test the subsurface for possible mineralization within the underlying Hazelton Group.

7. CONCLUSIONS

The Adam Claim Group has the potential to host precious-base metal mineralization for the following reasons:

The subject property lies in close proximity to the Eskay Creek deposit, 11 km southwest.

A thin cover of Bowser Group sediments could be masking the more favourable units of the Hazelton Group.

For these reasons, further exploration work is recommended.

8. RECOMMENDATIONS

1. Layout approximately 20 line kilometers of grid over the area of the claims.
2. Perform magnetometer and VLF-EM geophysics over the grid.
3. Perform Induced Polarization geophysics over the grid. Di-pole spacings should be wide to ensure maximum depth penetration.

Contingent upon targets being established from Phase 2, a Phase 3 exploration program would be recommended consisting of diamond drilling.

9. PROPOSED BUDGET

ADAM PROJECT

Project Preparation		$ 600.
Mobilization & demobilization (includes freight,transportation, wages)		$ 12,000.
Field Crew:		$ 4,250.
Field Costs:		$ 11,300.
Sub-Contractors:		
Geophysical		
Magnetometer-VLF $350/km x 20 km	$ 7,000.	
IP Survey $1500/km x 20 km	$30,000.	$ 37,000.
Report:		
Maps, report writing, word processing, & copies		$ 6,000.
Sub-total		$ 71,150.
Administration, incl. Overhead and Profit		$ 7,115.
TOTAL		$ 78,265.
Rounded to $ 80,000		

CERTIFICATE

I, ROGER G. KIDLARK, of 303 - 9110 Halston Court, Burnaby, B.C., do hereby certify that:

1. I am a graduate of the University of Toronto with a Bachelor of Science Degree in Geology, 1974.

2. I am a Fellow in good standing with the Geological Association of Canada.

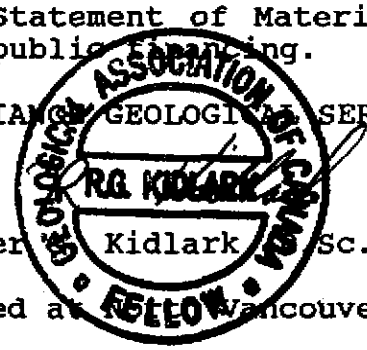
3. I have practised my profession as a geologist for fourteen years in British Columbia, Yukon and Northwest Territories, Ontario and Nova Scotia.

4. The information, opinions and recommendations in this report are based on fieldwork carried out under my direction and on published and unpublished literature. I was present on the subject property from July 11 to 18, 1990.

5. I have no interest, direct or indirect, in the subject claims or the securities of Kelan Resources Inc.

6. I consent to the use of this report in Prospectus or Statement of Material Facts for the purpose of private or public financing.

RELIANCE GEOLOGICAL SERVICES INC.



Roger G. Kidlark, B.Sc., F.G.A.C.

Dated at Vancouver, this 21st day of August 1990.

BIBLIOGRAPHY

ALLDRICK, D.J.
1989: Volcanic Centres in the Stewart Complex in Geological Fieldwork, 1988. Paper 1989-1. British Columbia Ministry of Energy, Mines and Petroleum Resources.

ALLDRICK, D.J., BRITTON, J.M.
1988: Geology and Mineral Deposits of the Sulphurets Area. BCEMPR Open File Map 1988-4.

ALLDRICK, D.J., BRITTON, J.M., WEBSTER, I.C.L., RUSSELL, C.W.P.
1989: Geology and Mineral Deposits of the Unuk Area. BCEMPR Open File Map 1989-10.

ALLDRICK, D.J., DROWN, T.J., GROVE, E.W., KRUCHKOWSKI, E.R., NICHOLAS, R.F.
1989: Iskut-Sulphurets Gold, Northern Miner Magazine, Jan. 1989, p-46.

BAERG, R.J.
1989: Prospecting Report on the Nel Property (Nel 1-4 Claims) NTS 104A/4E, Skeena Mining Division, Noranda Exploration Co. Ltd., MEMPR A.R. 16126

CREMONESE, D.
1987: Assessment Report on Diamond Drilling, Geochemical and Geological Work on the TR4, 5, 8 Claims for Teuton Resources Corp.

_____
1987: Assessment Report on Geological, Geochemical and Geophysical Work on the TR5, 8 Claims for Teuton Resources Corp.

_____
1987: Summary Report on the treaty Group Claims for Teuton Resources Corp.

_____
1987: Assessment Report on Geochemical Work on the Treaty, TR1, TR2, TR3, TR6, TR7 Claims for Teuton Resources Corp.

_____
1988: Assessment Report on Geochemical Work on the VR1, VR2, VR4, VR5, VR6 Claims for Teuton Resources Corp.

CHAPMAN, J.
1989: Report on the Argo Development Corporation VR Property, Iskut-Sulphurets Area - Skeena Mining Division, B.C. - March 28, 1989.

EQUITY PRESERVATION CORP.
Stewart-Sulphurets-Iskut, Map Handbook

GEOLOGICAL SURVEY OF CANADA, BRITISH COLUMBIA MINISTRY OF ENERGY MINES AND PETROLEUM RESOURCES
1988: National Geochemical Reconnaissance, 1:250,000 Map Series, Iskut River, British Columbia (NTS 104B), GSC Open file 1645, MEMPR, BC, RGS 18.

GEORGE CROSS NEWSLETTER (GCNL)
No. 157, August 16, 1989

GROVE, E.W.
1971: Geology and Mineral Deposits of the Stewart area, B.C., British Columbia Dept. of Mines and Petroleum Resources, Bulletin No. 58.

_____
1986: Geology and Mineral Deposits of the Unuk River - Salmon River - Anyox Area. B.C. Ministry of Energy, Mines and Petroleum Resources, Bulletin 63.

MEMPR
a: Revised Mineral Inventory Map 104B (MI)
b: Revised Mineral Inventory Map 103P (MI)

NORTHERN MINER
1988: Calpine Results Verify Potential. Vol. 74. No.41. p-1, December 19, 1988.
1989: Iskut River Road Study in Progress. Vol. 74, No. 50, p-28, February 20, 1989.
1989: Johnny Mountain Turnaround, Vol. 75, No. 24, p-1, August 21, 1989.
1989: Calpine Hole Kick Starts VSE. Vol. 75, No. 25, p-1, August 28, 1989.

PRIME RESOURCES CORPORATION
1989: Galore Creek - Iskut River - Eskay Creek Areas. The Prime Group of Companies (Claim Holdings Map).

SOUTHER, J.G., BREW, D.A., AKOLITCH, A.V.
1979: GSC Map 1418A, Iskut River.

ITEMIZED COST STATEMENT

ADAM PROJECT

Project Preparation			$ 150
Mobilization & demobilization (includes freight, transportation, wages			$ 1,800
Field Crew:			
Project Geologist R. Kidlark, July 13-18, 1990	$ 325/day x 6 days	$1,950	
Field Geologist D. Atkinson, July 13-18,1990	$ 275/day x 6 days	$1,650	
Geotechnician (1) B. Doubt, July 13-18, 1990	$ 210/day x 6 days	$1,260	4,860
Field Costs:			
Aircraft & Choppers	$ 720/hr x 3 hrs	$2,161	
Communications	$ 50/day x 6 days	$ 300	
Food & Accommodation	$ 70/day x 18 days	$1,260	
Supplies	$ 50/day x 6 days	$ 300	
Vehicles (Stand-by)	$ 20/day x 6 days	$ 120	4,141
Assays & Analysis:			
48 silt samples @ $14/sample		$ 672	
30 rock samples @ $17/sample Analysis by FA/AA + multi ICP		$ 510	1,182
Summary or Report:			1,500
Sub-total			$ 13,633
Administration incl. Overheads & Profit			$ 1,363
TOTAL			$ 14,996

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS

SAMPLE NO.	DESCRIPTION	WIDTH (cm)
AM90AR01	Selected grab from very angular piece of white quartz float. Trace chlorite along fractures in quartz.	15
AR02	Select chip from bull quartz vein in slightly altered siltstone. Trace epidote along fractures in quartz.	25
AR03	Selected chip from bull quartz vein in slightly altered siltstone. Trace epidote along fractures. Trace sericite and chlorite in siltstone with ½% staurolite.	10
AR04	Select chip from bull quartz vein occupying fold nose in siltstone. Weak chloritization of country rock forming a breccia within the quartz vein. 2% ankerite associated with quartz.	70
AR05	Select chip from bull quartz vein filling nose of fold in siltstone. Moderate chloritization of included country rock, 15% ankerite.	25
AR06	Select chip from bull quartz vein of irregular widths. Trace chlorite along fractures in quartz.	30
AR07	Select chip from bull quartz veins filling tension fractures in sandstone bed. 4% ankerite in quartz. Moderate epidote alteration of sandstone.	37
AR08	Select chip across bull quartz vein of irregular width. Weakly chloritized and sericitized country rock.	20
AR09	Selected chip across bull quartz vein of irregular width. Weakly chloritized and seriticized country rock at vein margins.	35
AR10	Selected chip across bull quartz vein. 2-3% ankerite with trace chlorite along fractures.	75

SAMPLE NO.	DESCRIPTION	WIDTH (cm)
AR11	Selected chip across a sequence of 10-50 cm wide quartz veins across nose of fold. 3-5% ankerite.	130
AR12	Selected chip across four parallel quartz veins, each 5-15 cm wide. 1-2% ankerite.	80
AR13	Selected chip across bull quartz vein. 2% ankerite, trace epidote along fractures. Trace pyrite.	60
AR14	Selected chip across bull quartz vein. Trace chlorite, epidote along fractures.	50
AR15	Selected chip across bull quartz vein. Trace chlorite and epidote along fractures.	100
KR01	Rounded boulder of rusty quartz float. No primary sulphides.	30
KR02	Select chip sample from a white, semi-transparent, slightly rusty quartz vein. Trace of fine grained disseminated pyrite.	30
KR03	Composite select chip sample from three quartz veins. Traces of fine grained disseminated pyrite.	15 - 20
KR04	Composite select chip sample from four quartz veins. Slightly rusty with traces of fine grained disseminated pyrite.	1 - 2
KR05	Select chip sample from a slightly rusty white quartz vein. Pinches out rapidly down dip.	16
KR06	Select chip sample from a white quartz vein with traces of fine grained disseminated pyrite.	20
KR07	Select chip sample from a white, slightly rusty quartz vein.	18
KR08	Select chip sample from a white, slightly rusty quartz vein. Traces of fine grained disseminated pyrite.	30
KR09	Select chip sample from a slightly rusty white quartz vein.	30

SAMPLE NO.	DESCRIPTION	WIDTH (cm)
KR10	Select chip sample from a slightly rusty white quartz vein. Trace of fine grained disseminated pyrite.	30
KR11	Select chip sample from a limonitic quartz vein.	15
KR12	Select chip sample from a limonitic quartz vein.	15
KR13	Rounded boulder of rusty quartz float. No primary sulphides.	30
KR14	Composite select chip sample from six white quartz veins.	15
KR15	Composite select chip sample from five discontinuous white quartz veins. Slightly limonitic.	20 - 60

APPENDIX B

ANALYTICAL RESULTS AND TECHNIQUES

iPL
INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

R E P O R T S U M M A R Y Report:[9000648 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Jul 20, 1990]

Client:[	200	Reliance Geological Services Ltd.	]
Contact:[		Mr. Roger Kidlark	]
Project:[	0	Adam 637	]
Amount/Type:[	78	Rock ~Rock Reject Stored 3 Mon	]
[		~Soil Reject Discarded	]

Analytical Requisition

Geochemical:[	Au (FA/AAS 20g) ICP	]	
Assay:[	None	]	ICP:[30]
Comments:[	Fax results when ready		]

Delivery Information Reporting Date:[Jul 23, 1990]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[	Reliance Geological Services Ltd.]
Address:[	241 East 1st Street]
City/Province:[	North Vancouver, B.C.]
Country/Postal:[	V7L 1B4]
Attention:[	Mr. Roger Kidlark]
Fascimile:[	(604)986-6150]

Secondary Destination (Hardcopy)

Company:[	]
Address:[	]
City/Province:[	]
Country/Postal:[	]
Attention:[	]
Fascimile:[	]

2 data pages in this report. Approved by: _____

B.C. Certified Assayers

iPL CODE: 900817-10:57:33

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Report: 9000648 R Reliance Geological Services Ltd. Project: Adam 637 Page 1 of 2 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
AM 90 AR 01	Rock	5	0.1	1.00	<5	29	<2	0.04	0.1	12	256	28	1.92	<3	0.02	4
AM 90 AR 02	Rock	5	<0.1	0.25	<5	27	<2	2.77	<0.1	1	161	3	0.49	<3	0.02	<2
AM 90 AR 03	Rock	5	<0.1	0.73	13	36	<2	0.35	0.2	5	311	21	1.32	4	0.06	3
AM 90 AR 04	Rock	<5	<0.1	0.99	<5	22	<2	6.86	<0.1	2	177	2	1.51	<3	0.04	6
AM 90 AR 05	Rock	10	0.1	2.60	23	40	<2	0.07	0.3	15	186	21	4.88	4	0.10	4
AM 90 AR 06	Rock	5	<0.1	1.30	8	53	<2	1.89	<0.1	13	250	20	2.10	<3	0.12	8
AM 90 AR 07	Rock	10	0.1	0.94	5	52	<2	0.28	<0.1	10	187	13	1.95	<3	0.08	8
AM 90 AR 08	Rock	<5	0.1	0.39	5	28	<2	0.17	0.1	3	301	11	0.86	<3	0.05	2
AM 90 AR 09	Rock	5	<0.1	0.33	<5	22	<2	0.02	<0.1	3	305	9	0.81	<3	0.03	2
AM 90 AR 10	Rock	<5	0.1	0.35	<5	34	<2	2.03	<0.1	2	267	9	0.67	<3	0.06	4
AM 90 AR 11	Rock	10	<0.1	1.27	15	42	<2	0.16	0.2	6	276	38	2.33	<3	0.10	4
AM 90 AR 12	Rock	5	<0.1	2.41	29	70	<2	0.23	0.5	14	313	23	4.00	6	0.18	8
AM 90 AR 13	Rock	<5	0.1	0.98	17	37	<2	0.13	0.2	6	339	37	1.97	4	0.08	3
AM 90 AR 14	Rock	<5	0.1	1.39	16	31	<2	0.54	0.2	5	328	13	2.54	4	0.05	4
AM 90 AR 15	Rock	<5	0.1	0.54	6	54	<2	0.09	0.1	6	303	19	1.08	<3	0.05	5
AM 90 AR 16	Rock	<5	0.1	0.70	5	34	<2	0.03	<0.1	15	315	21	1.41	<3	0.07	2
AM 90 KR 01	Rock	5	0.1	0.55	5	33	<2	0.07	<0.1	7	331	17	1.19	<3	0.06	2
AM 90 KR 02	Rock	<5	<0.1	1.68	10	43	<2	0.11	<0.1	8	309	11	2.96	<3	0.11	4
AM 90 KR 03	Rock	<5	<0.1	0.79	5	58	<2	0.69	<0.1	9	283	49	1.48	<3	0.06	3
AM 90 KR 04	Rock	5	0.1	0.91	7	78	<2	0.07	<0.1	7	307	75	1.84	<3	0.10	4
AM 90 KR 05	Rock	5	0.2	0.43	5	47	<2	0.43	<0.1	14	370	69	1.02	<3	0.05	2
AM 90 KR 06	Rock	5	0.2	0.36	5	35	<2	0.08	0.3	9	316	166	0.99	<3	0.06	2
AM 90 KR 07	Rock	5	0.1	0.29	<5	37	<2	0.87	<0.1	9	365	25	1.00	<3	0.03	3
AM 90 KR 08	Rock	<5	0.1	0.18	<5	62	<2	0.21	<0.1	8	316	25	0.91	<3	0.03	<2
AM 90 KR 09	Rock	5	0.1	1.20	19	139	<2	0.08	0.4	78	393	39	2.43	5	0.14	6
AM 90 KR 10	Rock	<5	<0.1	0.28	<5	24	<2	>10.00	<0.1	19	171	48	0.61	<3	0.02	15
AM 90 KR 11	Rock	<5	<0.1	1.60	26	64	<2	0.58	0.7	16	399	75	3.10	5	0.18	7
AM 90 KR 13	Rock	5	<0.1	0.25	5	31	<2	0.05	0.1	2	388	14	0.76	<3	0.07	3
AM 90 KR 14	Rock	<5	0.1	0.71	8	31	<2	0.04	<0.1	6	450	8	1.60	3	0.06	3
AM 90 KR 15	Rock	10	0.1	0.93	10	34	<2	0.27	0.1	5	258	32	1.80	<3	0.08	4
AM 90 BPC 01	Pan Conc	<5	0.1	3.31	40	129	<2	0.24	0.7	17	172	35	>5.00	7	0.30	14
AM 90 BPC 02	Pan Conc	5	0.1	3.10	39	108	<2	0.19	0.4	17	149	44	4.92	7	0.28	14
AM 90 BPC 03	Pan Conc	<5	0.1	3.21	33	95	<2	0.27	0.4	20	153	45	>5.00	4	0.22	14
AM 90 BPC 04	Pan Conc	<5	0.1	2.79	24	86	<2	0.16	0.3	17	144	37	4.42	<3	0.21	13
AM 90 BPC 05	Pan Conc	<5	0.1	2.67	16	74	<2	0.16	<0.1	14	111	35	4.40	<3	0.19	11
AM 90 BPC 06	Pan Conc	<5	0.1	2.63	16	104	<2	0.14	<0.1	15	127	31	4.42	<3	0.18	11
AM 90 BPC 07	Pan Conc	<5	0.1	2.74	16	78	<2	0.13	0.1	16	114	30	4.49	<3	0.20	13
AM 90 BPC 08	Pan Conc	<5	0.1	2.61	18	93	<2	0.20	<0.1	14	131	31	4.09	<3	0.23	13
AM 90 BPC 09	Pan Conc	<5	0.1	2.87	18	108	<2	0.22	0.1	18	102	44	4.80	<3	0.21	12
Minimum Detection		5	0.1	0.01	5	2	2	0.01	0.1	1	1	1	0.01	3	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

Report: 9000648 R Reliance Geological Services Ltd. Project: Adam 637 Page 1 of 2 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	V ppm	W ppm	Zn ppm	Zr ppm
AM 90 AR 01	0.89	3699	3	<0.01	62	0.02	3	7	3	7	<10	<0.01	16	<5	41	<1
AM 90 AR 02	0.28	829	1	0.01	7	<0.01	2	6	2	160	<10	<0.01	<5	<5	1	<1
AM 90 AR 03	0.74	374	<1	0.01	40	0.03	2	16	2	34	<10	<0.01	16	<5	35	1
AM 90 AR 04	1.02	1302	2	<0.01	39	0.01	<2	5	5	438	<10	<0.01	18	<5	33	<1
AM 90 AR 05	2.23	852	2	<0.01	78	0.04	8	11	2	11	<10	<0.01	42	<5	92	1
AM 90 AR 06	1.09	948	2	0.01	67	0.03	5	7	3	371	<10	<0.01	25	<5	64	1
AM 90 AR 07	0.68	669	2	0.03	52	0.05	4	7	3	23	<10	<0.01	23	<5	49	1
AM 90 AR 08	0.31	503	1	0.02	27	0.06	<2	9	2	30	<10	<0.01	10	<5	31	1
AM 90 AR 09	0.26	428	2	0.01	22	0.01	<2	7	1	3	<10	<0.01	9	<5	17	1
AM 90 AR 10	0.28	674	6	0.01	13	0.01	<2	8	1	322	<10	<0.01	<5	<5	10	1
AM 90 AR 11	1.10	567	6	0.02	63	0.05	<2	11	2	20	<10	<0.01	25	<5	52	1
AM 90 AR 12	2.06	1299	2	0.01	114	0.10	4	16	4	34	10	<0.01	41	<5	108	1
AM 90 AR 13	0.86	457	7	0.02	44	0.07	3	13	2	27	<10	<0.01	17	<5	43	<1
AM 90 AR 14	1.31	731	1	0.02	87	0.05	2	13	2	93	<10	<0.01	39	<5	45	1
AM 90 AR 15	0.32	274	6	0.04	35	0.04	<2	6	1	20	<10	<0.01	13	<5	47	1
AM 90 AR 16	0.58	541	2	0.02	43	0.02	2	9	1	6	<10	<0.01	16	<5	26	<1
AM 90 KR 01	0.40	426	2	0.02	29	0.03	2	8	2	10	<10	<0.01	11	<5	32	<1
AM 90 KR 02	1.56	867	2	0.01	65	0.05	<2	7	2	14	<10	<0.01	28	<5	67	<1
AM 90 KR 03	0.63	787	1	0.01	47	0.02	<2	8	1	101	<10	<0.01	15	<5	93	<1
AM 90 KR 04	0.73	372	2	0.01	40	0.02	4	9	2	9	<10	<0.01	19	<5	61	<1
AM 90 KR 05	0.22	1071	2	0.01	33	0.02	4	12	1	60	<10	<0.01	8	<5	55	1
AM 90 KR 06	0.24	461	7	0.02	24	0.02	5	9	1	12	<10	<0.01	8	<5	141	<1
AM 90 KR 07	0.12	1117	2	0.01	37	0.01	4	10	1	62	<10	<0.01	6	<5	64	<1
AM 90 KR 08	0.07	485	7	0.01	26	0.02	4	8	1	21	<10	<0.01	<5	<5	77	<1
AM 90 KR 09	0.91	1331	1	0.02	53	0.06	7	19	3	16	<10	<0.01	26	<5	46	1
AM 90 KR 10	0.16	9032	2	<0.01	59	0.01	<2	<5	5	2817	<10	<0.01	<5	<5	164	<1
AM 90 KR 11	1.17	964	8	0.01	112	0.09	5	20	3	77	<10	<0.01	32	<5	140	1
AM 90 KR 13	0.17	133	2	0.01	19	0.01	2	12	1	9	<10	<0.01	7	<5	7	1
AM 90 KR 14	0.59	833	10	0.01	38	0.02	<2	14	1	7	<10	<0.01	15	<5	33	<1
AM 90 KR 15	0.85	402	1	0.02	42	0.07	2	10	2	36	<10	0.01	21	<5	43	<1
AM 90 BPC 01	2.94	922	2	0.01	164	0.09	6	18	5	39	12	0.02	60	<5	129	2
AM 90 BPC 02	2.66	855	1	0.01	153	0.08	7	13	5	30	11	0.01	57	<5	134	1
AM 90 BPC 03	2.85	1005	2	0.01	168	0.09	7	12	5	36	<10	0.01	58	<5	142	1
AM 90 BPC 04	2.50	878	2	0.01	146	0.07	6	6	5	21	10	0.01	52	<5	123	2
AM 90 BPC 05	2.39	961	3	0.01	129	0.07	7	5	4	19	<10	0.01	50	<5	116	1
AM 90 BPC 06	2.32	1059	3	0.01	128	0.06	6	<5	4	59	10	0.01	50	<5	114	2
AM 90 BPC 07	2.33	1057	3	0.01	132	0.06	6	<5	4	16	<10	0.02	50	<5	127	2
AM 90 BPC 08	2.32	702	2	0.01	129	0.07	6	5	5	23	<10	0.01	51	<5	103	1
AM 90 BPC 09	2.43	1478	3	0.01	132	0.08	8	<5	4	27	<10	<0.01	52	<5	150	1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	1	10	0.01	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	5.00	20000	1000	10000	10000	1000	1.00	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

ipl
INTERNATIONAL PLASMA LABORATORY LTD.
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Report: 9000648 R Reliance Geological Services Ltd. Project: Adam 637 Page 2 of 2 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
AM 90 BPC 10	Pan Conc	<5	0.1	2.59	19	108	<2	0.23	0.2	14	101	42	4.43	<3	0.17	10
AM 90 BPC 11	Pan Conc	5	<0.1	3.17	26	97	<2	0.19	0.3	14	141	30	>5.00	4	0.21	13
AM 90 BPC 12	Pan Conc	<5	<0.1	2.42	14	76	<2	0.17	0.1	15	120	31	3.99	<3	0.17	11
AM 90 BPC 13	Pan Conc	<5	<0.1	2.48	16	85	<2	0.19	<0.1	14	130	25	4.09	<3	0.20	11
AM 90 BPC 14	Pan Conc	<5	<0.1	2.51	16	88	<2	0.19	0.1	15	116	40	4.09	<3	0.20	12
AM 90 BPC 15	Pan Conc	5	<0.1	3.24	36	97	<2	0.30	0.5	20	156	41	>5.00	6	0.21	12
AM 90 BPC 16	Pan Conc	<5	<0.1	2.38	16	61	<2	0.16	0.1	21	116	38	4.12	<3	0.11	12
AM 90 BL 01	Silt	5	0.1	2.44	22	59	<2	0.21	0.3	21	117	41	4.24	3	0.09	10
AM 90 BL 02	Silt	<5	<0.1	2.36	16	56	<2	0.20	0.2	21	126	30	4.13	<3	0.10	12
AM 90 BL 03	Silt	5	<0.1	2.05	14	64	<2	0.18	0.3	36	88	32	3.55	<3	0.07	11
AM 90 BL 04	Silt	5	0.1	2.17	13	53	<2	0.21	0.1	19	86	22	3.11	<3	0.08	11
AM 90 BL 05	Silt	<5	<0.1	2.22	12	61	<2	0.19	0.2	32	109	17	4.14	<3	0.08	10
AM 90 BL 06	Silt	5	0.1	2.87	13	34	<2	0.27	<0.1	12	38	19	4.41	<3	0.06	15
AM 90 BL 07	Silt	<5	0.1	2.72	33	69	<2	0.22	0.4	20	114	47	4.78	6	0.10	11
AM 90 BL 08	Silt	15	<0.1	2.60	18	65	<2	0.24	0.3	32	124	58	4.65	<3	0.08	12
AM 90 BL 09	Silt	<5	<0.1	2.81	28	127	<2	0.26	0.5	36	126	75	4.96	4	0.12	12
AM 90 BL 10	Silt	<5	<0.1	2.49	15	69	<2	0.20	0.2	21	129	34	4.32	<3	0.11	11
AM 90 BL 11	Silt	<5	<0.1	2.32	14	64	<2	0.19	0.1	16	123	26	3.88	<3	0.16	10
AM 90 BL 12	Silt	5	<0.1	2.38	15	52	<2	0.16	0.1	21	111	32	3.97	<3	0.10	13
AM 90 BL 13	Silt	5	<0.1	2.54	18	43	<2	0.20	0.1	19	122	38	4.40	3	0.09	10
AM 90 BL 14	Silt	5	<0.1	3.65	37	82	<2	0.22	1.1	28	162	36	>5.00	8	0.15	18
AM 90 BL 15	Silt	5	0.2	2.58	18	66	<2	0.19	0.2	23	97	45	4.50	<3	0.12	12
AM 90 BL 16	Silt	5	0.1	2.57	15	66	<2	0.18	0.1	21	111	35	4.51	<3	0.11	13
AM 90 BL 17	Silt	10	<0.1	3.27	13	37	<2	0.56	<0.1	29	32	21	4.30	<3	0.12	22
AM 90 BL 18	Silt	5	0.1	3.47	29	59	<2	0.22	0.4	21	83	36	4.68	<3	0.09	19
AM 90 BL 19	Silt	<5	<0.1	3.04	18	42	<2	0.43	0.4	33	55	40	4.35	<3	0.13	23
AM 90 BL 20	Silt	5	0.1	2.22	15	76	<2	0.21	0.4	33	96	51	3.88	<3	0.08	13
AM 90 BL 21	Silt	<5	<0.1	2.55	12	47	<2	0.37	<0.1	14	59	31	3.94	<3	0.09	14
AM 90 BL 22	Silt	5	0.1	3.60	43	225	<2	0.35	1.4	70	108	142	>5.00	7	0.09	15
AM 90 BL 23	Silt	10	<0.1	2.66	19	108	<2	0.38	0.3	31	91	62	4.89	<3	0.10	11
AM 90 BL 24	Silt	5	0.1	3.72	45	155	<2	0.31	1.3	47	134	101	>5.00	7	0.11	16
AM 90 BL 25	Silt	5	<0.1	2.69	18	132	<2	0.18	0.2	18	119	34	4.66	<3	0.13	11
AM 90 BL 26	Silt	10	<0.1	2.59	23	64	<2	0.21	0.5	21	114	34	4.77	<3	0.12	13
AM 90 BL 27	Silt	5	<0.1	2.57	23	68	<2	0.20	0.3	21	127	41	4.42	<3	0.11	12
AM 90 BL 28	Silt	5	<0.1	1.98	12	92	<2	0.87	0.6	27	84	47	4.02	<3	0.07	12
AM 90 BL 29	Silt	5	<0.1	2.42	15	72	<2	0.29	0.2	20	112	34	4.25	<3	0.14	12
AM 90 BL 30	Silt	5	<0.1	2.75	16	101	<2	0.34	0.4	44	124	73	4.79	<3	0.09	11
AM 90 BL 31	Silt	10	<0.1	2.72	23	68	<2	0.39	0.6	19	119	36	4.54	4	0.14	13
AM 90 KL 01	Silt	10	<0.1	2.58	23	74	<2	0.24	0.5	32	96	67	4.78	3	0.09	13
Minimum Detection		5	0.1	0.01	5	2	2	0.01	0.1	1	1	1	0.01	3	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

ipl
INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

INTERNATIONAL PLASMA LABORATORY LTD
2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Report: 9000648 R Reliance Geological Services Ltd. Project: Adam 637 Page 2 of 2 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	V ppm	W ppm	Zn ppm	Zr ppm
AM 90 BPC 10	2.30	1007	2	0.01	129	0.08	8	6	4	29	<10	<0.01	48	<5	124	1
AM 90 BPC 11	2.91	971	2	0.01	155	0.08	5	9	5	23	10	0.02	58	<5	121	2
AM 90 BPC 12	2.29	733	3	0.01	130	0.06	6	5	4	25	<10	0.01	44	<5	110	1
AM 90 BPC 13	2.27	787	3	0.01	127	0.06	6	5	4	24	<10	0.03	45	<5	97	1
AM 90 BPC 14	2.27	952	2	0.01	129	0.07	6	<5	4	31	<10	0.02	44	<5	113	1
AM 90 BPC 15	2.96	1005	2	0.01	172	0.09	5	14	5	36	11	0.01	56	<5	144	1
AM 90 BPC 16	2.20	939	3	0.01	134	0.07	7	<5	4	23	<10	0.02	42	<5	115	1
AM 90 BL 01	2.32	900	2	0.01	145	0.07	6	7	4	29	<10	0.01	43	<5	121	1
AM 90 BL 02	2.25	933	2	0.01	138	0.06	8	5	3	31	<10	0.02	41	<5	114	1
AM 90 BL 03	1.71	1285	2	0.01	109	0.07	7	<5	3	32	<10	0.04	37	<5	106	1
AM 90 BL 04	1.59	732	2	0.03	99	0.05	7	6	2	44	<10	0.07	39	<5	97	1
AM 90 BL 05	1.94	2453	3	0.02	125	0.05	4	<5	3	35	<10	0.05	42	<5	114	1
AM 90 BL 06	0.33	264	4	0.02	30	0.08	10	6	4	51	<10	0.38	82	<5	80	40
AM 90 BL 07	2.47	950	2	<0.01	144	0.08	7	12	4	39	10	0.01	48	<5	138	1
AM 90 BL 08	2.40	1505	3	<0.01	163	0.08	13	<5	4	36	<10	0.01	46	<5	158	1
AM 90 BL 09	2.42	1353	2	0.01	163	0.10	8	7	4	60	<10	0.02	49	<5	180	1
AM 90 BL 10	2.38	1010	2	0.01	140	0.07	7	5	4	48	<10	0.02	44	<5	116	<1
AM 90 BL 11	2.17	806	3	0.01	125	0.06	5	5	4	26	<10	0.02	42	<5	97	1
AM 90 BL 12	2.11	953	3	0.01	123	0.07	8	<5	3	29	<10	0.03	43	<5	105	1
AM 90 BL 13	2.39	1086	3	<0.01	144	0.07	7	<5	4	23	<10	0.01	46	<5	119	1
AM 90 BL 14	3.11	2078	3	0.02	178	0.08	6	16	5	44	11	0.03	65	<5	169	1
AM 90 BL 15	2.29	1256	3	0.01	132	0.08	8	<5	4	28	<10	0.02	48	<5	134	<1
AM 90 BL 16	2.31	1443	3	0.01	134	0.08	8	<5	4	31	<10	0.01	47	<5	124	1
AM 90 BL 17	0.83	683	4	0.13	47	0.10	11	6	4	71	<10	0.29	65	<5	168	29
AM 90 BL 18	1.44	796	3	0.03	88	0.09	9	10	5	40	<10	0.18	71	<5	121	11
AM 90 BL 19	1.30	1113	5	0.13	72	0.11	13	6	4	47	<10	0.23	57	<5	142	19
AM 90 BL 20	1.93	1211	2	0.01	131	0.08	10	<5	3	32	<10	0.03	41	<5	130	<1
AM 90 BL 21	1.46	731	3	0.09	84	0.10	10	<5	3	52	<10	0.14	50	<5	126	7
AM 90 BL 22	2.88	4083	4	0.01	230	0.15	11	13	5	50	11	0.02	63	<5	363	1
AM 90 BL 23	2.28	2238	4	<0.01	141	0.10	10	<5	4	50	<10	0.01	48	<5	181	<1
AM 90 BL 24	3.27	2502	2	0.01	221	0.14	10	18	5	56	13	0.01	66	<5	255	1
AM 90 BL 25	2.54	1259	2	0.01	141	0.08	7	5	4	27	<10	0.01	51	<5	120	1
AM 90 BL 26	2.20	1287	2	0.01	134	0.08	9	6	3	30	<10	0.01	43	<5	148	1
AM 90 BL 27	2.50	1002	3	0.01	153	0.07	7	8	4	31	<10	0.01	45	<5	135	1
AM 90 BL 28	1.70	1912	3	0.02	122	0.10	8	5	2	172	<10	0.04	37	<5	155	1
AM 90 BL 29	2.21	1366	2	0.01	131	0.07	7	<5	3	49	<10	0.02	42	<5	124	1
AM 90 BL 30	2.37	1776	4	0.01	178	0.10	11	<5	5	50	<10	0.01	46	<5	207	1
AM 90 BL 31	2.33	861	2	0.06	133	0.08	8	10	4	62	<10	0.07	52	<5	134	1
AM 90 KL 01	2.33	1836	3	0.01	150	0.10	11	5	4	28	<10	0.01	47	<5	176	1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	1	10	0.01	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	5.00	20000	1000	10000	10000	1000	1.00	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Method of ICP Multi-element Analyses

(a) 0.50 grams of sample is digested with diluted aqua regia solution by heating in a hot water bath for 90 minutes, then cooled, bulked up to a fixed volume with demineralized water, and thoroughly mixed.

(b) The specific elements are determined using an Inductively Coupled Argon Plasma spectrophotometer. All elements are corrected for inter-element interference. All data are subsequently stored onto computer diskette.

* Aqua regia leaching is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

QUALITY CONTROL

The machine is calibrated using six known standards and a blank. Another blank, which was digested with the samples, and a standard are tested before any samples to confirm the calibration. A maximum of 20 samples are analysed, and then a standard, also digested with the samples, is run. A known standard with characteristics best matching the samples is chosen and tested. Another 20 samples are analysed, with the last one being a random reweigh of one of the samples. The standard used at the beginning is rerun. This procedure is repeated for all of the samples.

INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

Method of Gold analysis by Fire Assay / AAS

(a) 20.0 to 30.0 grams of sample is mixed with a combination of fluxes in a fusion pot. The sample is then fused at high temperature to form a lead "button".

(b) The precious metals are extracted by cupellation. Any Silver is dissolved by nitric acid and decanted. The gold bead is then dissolved in boiling concentrated aqua regia solution heated by a hot water bath.

(c) The gold in solution is determined with an Atomic Absorption Spectrometer. The gold value, in parts per billion, is calculated by comparision with a set of known gold standards.

QUALITY CONTROL

Every fusion of 24 pots contains 22 samples, one internal standard or blank, and a random reweigh of one of the samples. Samples with anomalous gold values greater than 500 ppb are automatically checked by Fire Assay/AA methods. Samples with gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

ICE

N

5180

camp

BRIDGE

AR06
AR07
AR11
12
AR14
15
AR05
AR10
AR04
AR08
09
AM90AR2, AR03
AM90AR01
AR16
KR15
AM90KR01
KR11
KR13
14
KR02
KR03
04
KR12
KR05 to KR10

3500 4000 4500 5000 5180

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,484

GEOLOGICAL ASSOCIATION OF CANADA
R.B. KIDLARK
FELLOW

LEGEND

LITHOLOGY

LOWER JURASSIC

Salmon River Formation

1 — siltstone - black, thinly bedded, sandstone, mudstone, sandy siltstone

SYMBOLS

KR05 ▲ — rock sample location and number (preceeded by AM90)

outcrop

bedding (inclined, vertical)

joints (inclined, vertical)

quartz vein (inclined, vertical)

foliation (inclined, vertical)

fold axis : trend, plunge

fault with dip

LEGEND

contour (500 ft. interval)

creek

lake

claim boundary

0 100 200 300 400 500 metres

KELAN RESOURCES INC.

ADAM CLAIM

Liard M.D., B.C.

GEOLOGY and ROCK SAMPLE LOCATION

Scale 1:5000	N.T.S. 104 B/9
Date August 1990	Figure 3

RELIANCE GEOLOGICAL SERVICES INC.

ICE

5180

BL 11
BL 10
BL 09
BL 07 BPC 02
BL 08 BPC 03
BL 06
BL 13 BPC 04
BL 12
BL 16 BPC 06
BL 17
BL 18 BPC 07
BL 19
BL 15 BPC 05
BL 01 BPC 01
BL 14
BL 03
BL 04
BL 05
BL 23 BPC 09
BL 27 BPC 12
BL 31 BPC 16
BL 24 BPC 10
BL 02 BPC 13
BL 28
BL 29
BPC 14
BL 30 BPC 15
BL 25 BPC 11
BL 26
BL 21
BL 22
KL 01
BL 20 BPC 08
LCP

3500
4000
4500
5000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,484

GEOLOGICAL ASSOCIATION OF CANADA
ROB KIDDARK
FELLOW

LEGEND

- sample location
- BL 14 — silt sample number (prefixed by AM90)
- BPC 09 — pan concentrate sample number (prefixed by AM90)

- contour (500 ft. interval)
- creek
- lake
- claim boundary

0 100 200 300 400 500 metres

KELAN RESOURCES INC.

ADAM CLAIM

Liard M.D., B.C.

SILT and PAN CONCENTRATE SAMPLE LOCATIONS

Scale 1:5000	N.T.S. 104 B/9
Date August 1990	Figure 4

RELIANCE GEOLOGICAL SERVICES INC.