

85-1045-14653
12/86

SOIL GEOCHEMISTRY
LARK 1 MINERAL CLAIM
SKEENA MINING DIVISION
GRAHAM ISLAND
QUEEN CHARLOTTE ISLANDS, B.C.
NTS 103 F/9 W
LATITUDE 53°32'10"N
LONGITUDE 132°18'20"W

FILMED

Prepared for
UNIVERSAL MOVIE BUTLER INC.
GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,653

ARCTEX ENGINEERING SERVICES

Locke B. Goldsmith, P.Eng.
Consulting Geologist

Paul Kallock
Geologist

December 11, 1985

TABLE OF CONTENTS

SUMMARY	1
INTRODUCTION	2
GEOLOGICAL SETTING	2
LOCATION MAP	3
CLAIM MAP	4
GEOLOGICAL NOTES OF LARK 1 CLAIM	5
SOIL GEOCHEMICAL SURVEY	5
CONCLUSIONS	6
RECOMMENDATIONS	7
COST ESTIMATE	8
ENGINEER'S CERTIFICATE	9
GEOLOGIST'S CERTIFICATE	10
REFERENCES	11
ITEMIZED COST STATEMENT - 1985 PROGRAMME	12
APPENDIX: ANALYTICAL PROCEDURES	
CERTIFICATE OF GEOCHEMICAL ANALYSIS	
MAP: SOIL GEOCHEMICAL SURVEY MAP	
	(Pocket inside back cover)

**SOIL GEOCHEMICAL INVESTIGATION
LARK 1 MINERAL CLAIM
SKEENA MINING DIVISION
GRAHAM ISLAND
QUEEN CHARLOTTE ISLANDS, B.C.
NTS 103 F/9 W**

SUMMARY

The Lark 1 mineral claim is located on central Graham Island of the Queen Charlotte Islands group, along the northwest coast of British Columbia. A good gravel road traverses the claim which leads 45 km northwest from Queen Charlotte City. The Universal Movie Butler Inc. property consists of 16 units and is primarily underlain by basalt and agglomerate of the Paleocene or Eocene (?) Masset Formation. During December 1985, the western part of the claim was examined and 49 soil samples were gathered. No geologic features were seen which could enhance the possibilities of gold mineralization on this section of the property, nor were any anomalous soil values of gold or arsenic detected. The balance of exploration which was recommended in an earlier report should be completed.

INTRODUCTION

The Lark 1 mineral claim is located on Graham Island, 35 km north-northwest of Queen Charlotte City and 7.5 km south of Juskatla, B.C. The Mamin River flows northerly through the central part of the property. The claim is situated in the Skeena Mining Division, NTS map sheet 103 F/9 W, at approximately latitude $53^{\circ}32'30''$ north, longitude $132^{\circ}19'00''$ west, with elevations ranging from 53-518 metres (175-1700 feet).

The Lark 1 claim is held by Universal Movie Butler Inc. and consists of 16 units, approximately 400 hectares, less approximately 20 hectares in the northeast corner due to overlapping claims. The Lark 1 claim has record number 1898(12) and a recording date of December 11, 1979.

Access to the claim can be accomplished by automobile on well maintained gravel road leading approximately 45 km northwest from Queen Charlotte City, B.C., or 26 km southwest of Port Clements, B.C. This gravel road traverses north-south through the central part of the claim.

Staking of the Lark 1 claim took place in 1979. Subsequent exploration work on the claim has included soil and silt geochemical sampling, airborne surveys, aerial photo interpretation, and magnetometer and VLF-EM geophysical surveys. Reports which address these surveys are listed in the reference section. The authors are not aware of mineral exploration conducted on the Lark 1 claim prior to 1979.

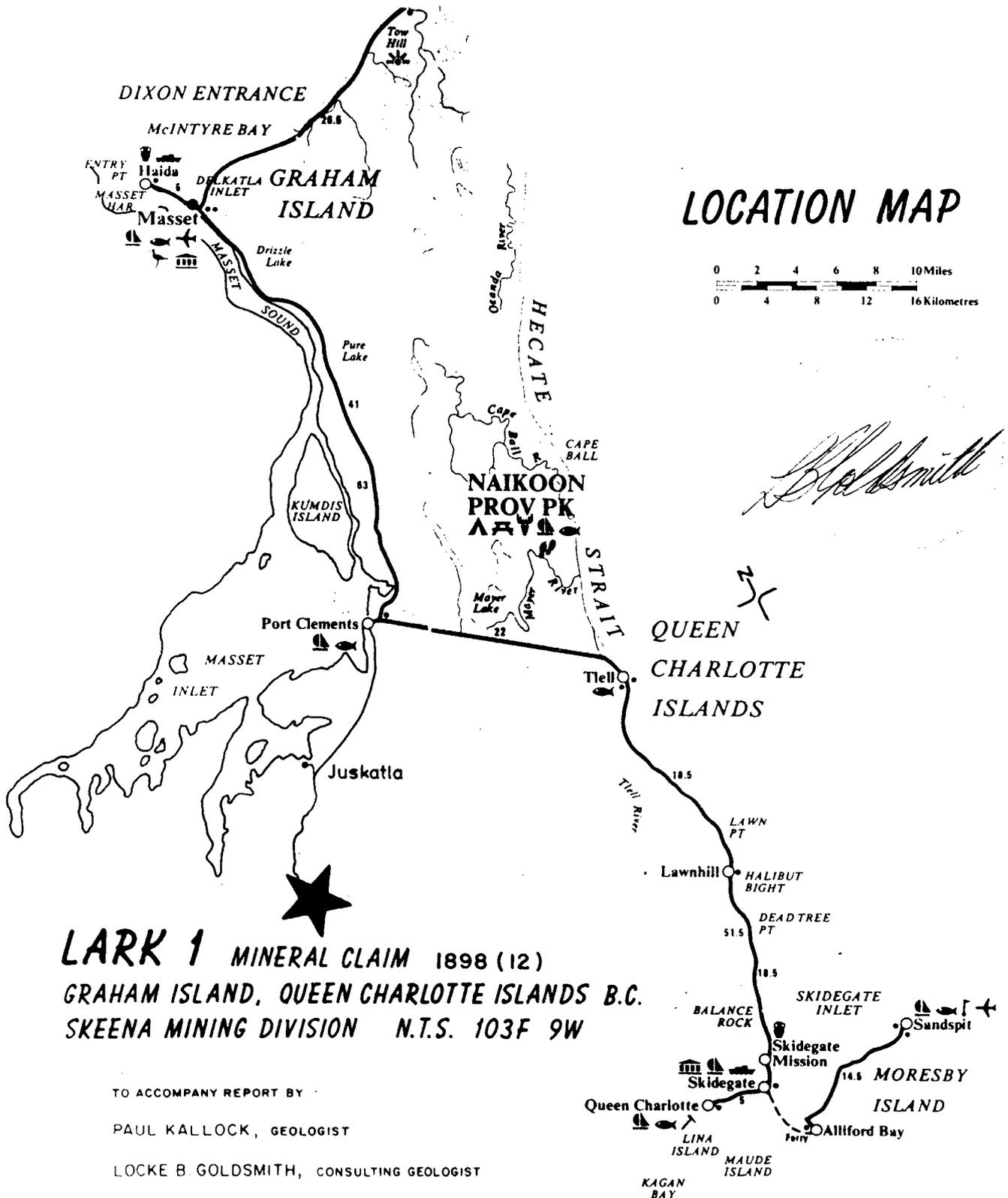
In December 1985, the western part of the Lark 1 claim was examined. Two of the previous exploration targets defined by airborne geophysics were tested by soil sampling. Another target was found to be overlain by recent alluvial deposits.

GEOLOGICAL SETTING

The Lark 1 claim lies near the eastern margin of the Skidegate plateau which is formed mainly of rocks of the Paleocene-Eocene (?) Masset Formation. They are composed of basalt, basalt breccia and rhyolite flows. Farther east, Graham Island is underlain by flat-lying sedimentary rock of the Skonun Formation.

South of the Lark 1 claim, older sedimentary rocks of the Cretaceous Queen Charlotte Group and volcanic and sedimentary rocks of the Jurassic Yakoun Formation are present.

UNIVERSAL MOVIE BUTLER INC.



The important Sandspit Fault zone, which appears to be related to mineralization at the Consolidated Cinola gold property, lies approximately 3 km east of the Lark 1 claim.

GEOLOGICAL NOTES OF LARK 1 CLAIM

Data concerning airborne magnetometer and VLF-EM surveys by Timmins (1981) and aerial photo interpretation by Snell (1980) were examined. Three of the target areas, "C", "E", and "E₂", as outlined by these reports, were examined in the field during December 1985.

Target "C" which is interpreted as an intersection of two aerial photo linear features, is not conducive to soil sampling. The target occurs at the Mamin River near 2000 N 1600 W. No outcrop was observed at this area, and soils are dominated by flood plain alluvial silts, gravels and clays.

Target "E" is also an aerial photo interpreted intersection of several linear features. This target was tested by soil sampling during the present survey. The western ends of lines 400, 500, 600, and 700 N are similar to Target "C" because they are underlain by recent alluvium.

Target "E₂" is also an aerial photo linear interpretation flanked by a positive magnetometer anomaly to the north. Soil samples gathered from the east cutbank of the main road at line 1000 W bisect these targets. Basalt flows of the Masset Formation outcrop at several localities along the road. From old erosion surfaces between flows it appears that bedding dips 10-15° to the northeast.

No fault zones or other geologic features were seen which could help explain previously defined aerial photo linear features or magnetic anomalies.

SOIL GEOCHEMICAL SURVEY

As shown on the accompanying map, 49 soil samples were collected from a grid in the southwestern part of the Lark 1 claim and along the main road which traverses the claim. Samples were collected with a narrow elongate spade from the lower B or C horizon at a depth of 20-40 cm below organic material. In the grid area, samples were

generally gathered at 50-metre intervals along east-west lines which were 100 metres apart. All samples were geochemically analysed for gold and arsenic by Chemex Labs Ltd. of North Vancouver, B.C. Certificates of assay and analytical procedures are included in the Appendix. *2.7 km of grid were prepared.*

Results of the soil geochemical survey show a lack of gold enrichment in soils which were tested. No samples returned more than 5 parts per billion gold.

There appear to be two levels of arsenic in soils of the survey area. Most samples contain less than 10 ppm arsenic. Near the western margin of the grid area, arsenic values are slightly elevated, in the 10-19 ppm range. These samples probably contain a significant amount of transported silts and clays deposited during flooding of the Mamin River.

Most of the samples collected from the Lark 1 claim represent residual soils developed over basic volcanic flows. Soils are reddish to orange-brown in colour and contain a high proportion of clay. At one locality along the upper bank of the main road at 1000 W 1400 N an interflow paleosol (?) was sampled. It did not contain anomalous gold or arsenic, nor did any other sample collected during the December 1985 exploration programme.

CONCLUSIONS

During December 1985 three target areas, as defined by previous investigations, were examined. Two of the areas were tested by soil sampling. The third area (Target "C") appeared to be underlain by an undetermined thickness of recent alluvium and therefore was not sampled.

None of the 49 soil samples collected from the Lark 1 claim contain appreciable amounts of gold. Likewise, arsenic content in soils is also low. Minor fluctuation in arsenic values appears to be due primarily to the amount of transported sediment in the soil horizon.

Outcrops of basalt of the Masset Formation observed along the main road in the western half of the claim indicate relatively gentle northeast dipping stratigraphy. No structural or alteration features which could be related to significant mineralization were seen. However, it should be noted that vegetation is dense and soil weathering is locally

deep. Outcrops are restricted to steep slopes or road cuts, which severely limit accurate geological interpretation.

RECOMMENDATIONS

No significant geological features were seen in the western part of the Lark 1 claim which could suggest the possibility of gold mineralization. Similarly, geochemical values of gold and arsenic from soils collected in this area are not distinctly anomalous, therefore no further exploration of the western part of the Lark 1 claim is recommended at this time.

The balance of the Phase 1 recommendations of Elwell (July, 1985) should be completed.

COST ESTIMATE

Cost of the December, 1985 programme was approximately \$3500; thus the remaining sum of \$21,500 should be available to complete the Phase I programme.

Respectfully submitted,



Locke B. Goldsmith, P.Eng.
Consulting Geologist



Paul Kallock
Geologist

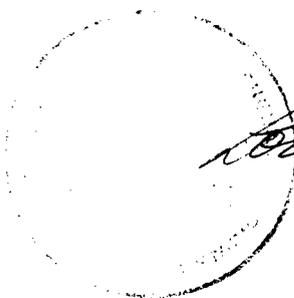
Vancouver, B.C.

December 11, 1985

ENGINEER'S CERTIFICATE
LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a Registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 27 years.
4. I have co-authored the report entitled, "Lark 1 Mineral Claim, Skeena Mining Division, Graham Island, Queen Charlotte Islands, B.C.", dated December 11, 1985. The report is based upon fieldwork and research supervised by the author.
5. I have no ownership in the property, nor in the stocks of Universal Movie Butler Inc.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.

Respectfully submitted,



Locke B. Goldsmith, P.Eng.
Consulting Geologist

Vancouver, B.C.

December 11, 1985

GEOLOGIST'S CERTIFICATE

I, Paul Kallock, do state: that I am a geologist with Arctex Engineering Services, 301 - 1855 Balsam Street, Vancouver, B.C.

I Further State That:

1. I have a B.Sc. degree in Geology from Washington State University, 1970. I am a Fellow of the Geological Association of Canada.
2. I have engaged in mineral exploration since 1970, both for major mining and exploration companies and as an independent geologist.
3. I have co-authored the report entitled, "Soil Geochemical Investigation, Lark 1 Mineral Claim, Graham Island, Queen Charlotte Islands, Skeena Mining Division, B.C." The report is based on my fieldwork carried out on the property and on previously accumulated geologic data.
4. I have no direct or indirect interest in any manner in either the property or securities of Universal Movie Butler Inc., or its affiliates, nor do I anticipate to receive any such interest.
5. I consent to the use of this report in a prospectus or in a statement of material facts related to the raising of funds.



Paul Kallock
Geologist

Vancouver, B.C.

December 11, 1985

REFERENCES

- Brown, A. Sutherland. 1968. Geology of the Queen Charlotte Islands, B.C. B.C.D.M. & P.R., Bulletin 54.
- Elwell, J.P. July 1985. Summary Report on the Exploration of the Lark #1 Claim, Graham Island, Q.C.I., B.C. Private report for Goldhaven Resources Ltd. In Statement of Material Facts 176/85, November 14, 1985, Vancouver Stock Exchange, Universal Movie Butler Inc.
- Jones, H.M. 1980. Letter to J.P. Elwell concerning Lark Claims. In Statement of Material Facts 176/85, November 14, 1985, Vancouver Stock Exchange, Universal Movie Butler Inc.
- Shearing, Ralph. November 1983. Geological report on the Lark 1 Mineral Claim, Skeena Mining Division, B.C. Private report for Goldhaven Resources Ltd.
- Snell, J.C. 1980. Geological Assessment Report on Lark 1 to 8 Claims.
- Timmins, W.G. 1981. Geophysical Report on Mamin River Airborne Project, Graham Island. Private report for Goldhaven Resources Ltd.

ITEMIZED COST STATEMENT - 1985 PROGRAMME

A. Wages

L.B. Goldsmith, P.Eng., consulting geologist, ½ Dec. 6, ¼7, ¼9, 10, total 2 days @ \$400/day	\$ 800.00	
P. Kallock, geologist, ¼ Dec. 6, 7, 8, 9, 10, total 4¼ days @ \$320/day	1,360.00	
	<hr/>	
	\$ 2,160.00	\$2,160.00

B. Food, Accommodation

Dec. 7-9, 1985	\$176.76 ÷ 5 man/days = \$35.35/man/day	176.76
----------------	--	--------

C. Transportation

Airfare (Vancouver-Sandspit-Vancouver)	\$ 275.75	
Vehicle rental	183.33	
Parking	18.00	
Ferry	5.60	
	<hr/>	
	\$ 482.68	482.68

D. Analyses

49 soil samples cost \$514.65 = \$10.50/sample	514.65
--	--------

E. Report

Photocopying, prints, supplies, report materials, drafting, word processing	328.50
--	--------

Total	<hr/> \$3,662.59
-------	------------------

APPENDIX

Gold F.A.-A.A. Combo Method ppb:

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analysed for Au on an atomic absorption spectrophotometer.

Detection limit: 5 ppb

Copper, Lead, Zinc, Silver ppm:

1.0 gm sample is digested with perchloric-nitric acid ($\text{HClO}_4\text{-HNO}_3$) for approximately 2 hours. The digested sample is cooled and made up to 25 ml with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques. Silver and lead are corrected for background absorption.

Detection limit: Copper, Zinc - 1 ppm
Silver - 0.2 ppm
Lead - 2 ppm

Arsenic ppm:

A 1.0 gm sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with KI, and mixed. A portion of the reduced solution is converted to arsine with NaBH_4 and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm



Chemex Labs Ltd.

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Analytical Chemists • Geochemists • Registered Assayers

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1355 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A3518973-001-A
INVOICE # : I3518973
DATE : 19-DEC-85
P.O. # : NONE
LARK-1 PROJECT

ATTN: LOCKE B. GOLDSMITH CC: PAUL KALLOCK

Sample description	Prep code	AS ppm	Au ppm FA+AA				
400N 8+00W	201	2	<5	--	--	--	--
400N 8+50W	201	1	<5	--	--	--	--
400N 9+00W	201	2	<5	--	--	--	--
400N 9+50W	201	4	<5	--	--	--	--
400N 10+00W	201	3	<5	--	--	--	--
400N 10+50W	201	10	<5	--	--	--	--
400N 11+00W	201	1	<5	--	--	--	--
400N 11+50W	201	15	<5	--	--	--	--
400N 12+00W	201	11	<5	--	--	--	--
5+00N 8+00W	201	3	<5	--	--	--	--
5+00N 8+50W	201	1	<5	--	--	--	--
5+00N 9+00W	201	2	<5	--	--	--	--
5+00N 9+50W	201	5	<5	--	--	--	--
5+00N 10+00W	201	4	<5	--	--	--	--
5+00N 10+50W	201	2	<5	--	--	--	--
5+00N 11+00W	201	16	<5	--	--	--	--
5+00N 11+50W	201	12	<5	--	--	--	--
5+00N 12+00W	201	16	<5	--	--	--	--
6+00N 8+00W	201	2	<5	--	--	--	--
6+00N 8+50W	201	2	<5	--	--	--	--
6+00N 9+00W	201	3	<5	--	--	--	--
6+00N 10+50W	201	19	<5	--	--	--	--
6+00N 11+00W	201	14	<5	--	--	--	--
6+00N 11+50W	201	11	<5	--	--	--	--
7+00N 8+00W	201	1	<5	--	--	--	--
7+00N 8+50W	201	2	<5	--	--	--	--
7+00N 9+00W	201	3	<5	--	--	--	--
7+00N 9+50W	201	3	<5	--	--	--	--
7+00N 10+00W	201	1	<5	--	--	--	--
7+00N 10+50W	201	1	<5	--	--	--	--
7+00N 11+00W	201	3	<5	--	--	--	--
1350N 1000W	201	5	<5	--	--	--	--
1400N 1000W	201	2	<5	--	--	--	--
1450N 1000W	201	5	<5	--	--	--	--
1500N 1000W	201	3	<5	--	--	--	--
1550N 1000W	201	4	<5	--	--	--	--
1600N 1000W	201	5	<5	--	--	--	--
1650N 1000W	201	7	<5	--	--	--	--
1700N 1000W	201	6	<5	--	--	--	--
1750N 1000W	201	15	<5	--	--	--	--

VOI rev. 4/85

Certified by *Hart Buchler*



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 Brooksbank Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 043-52597

CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

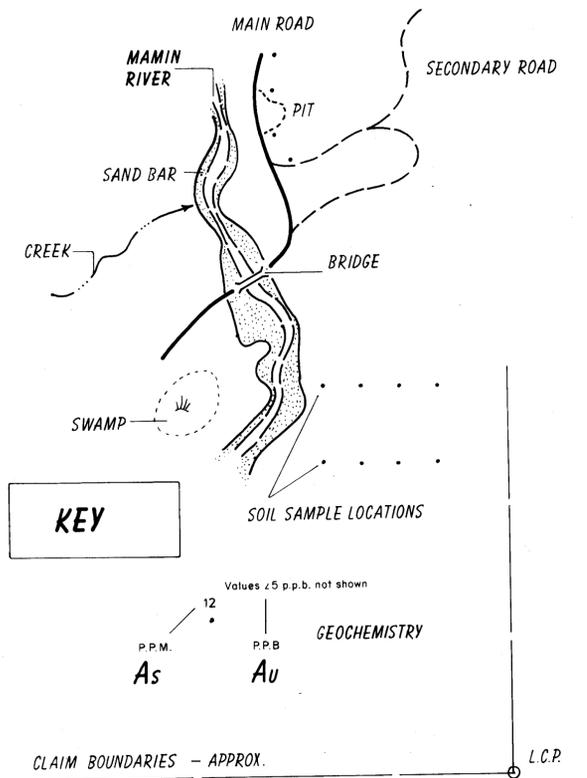
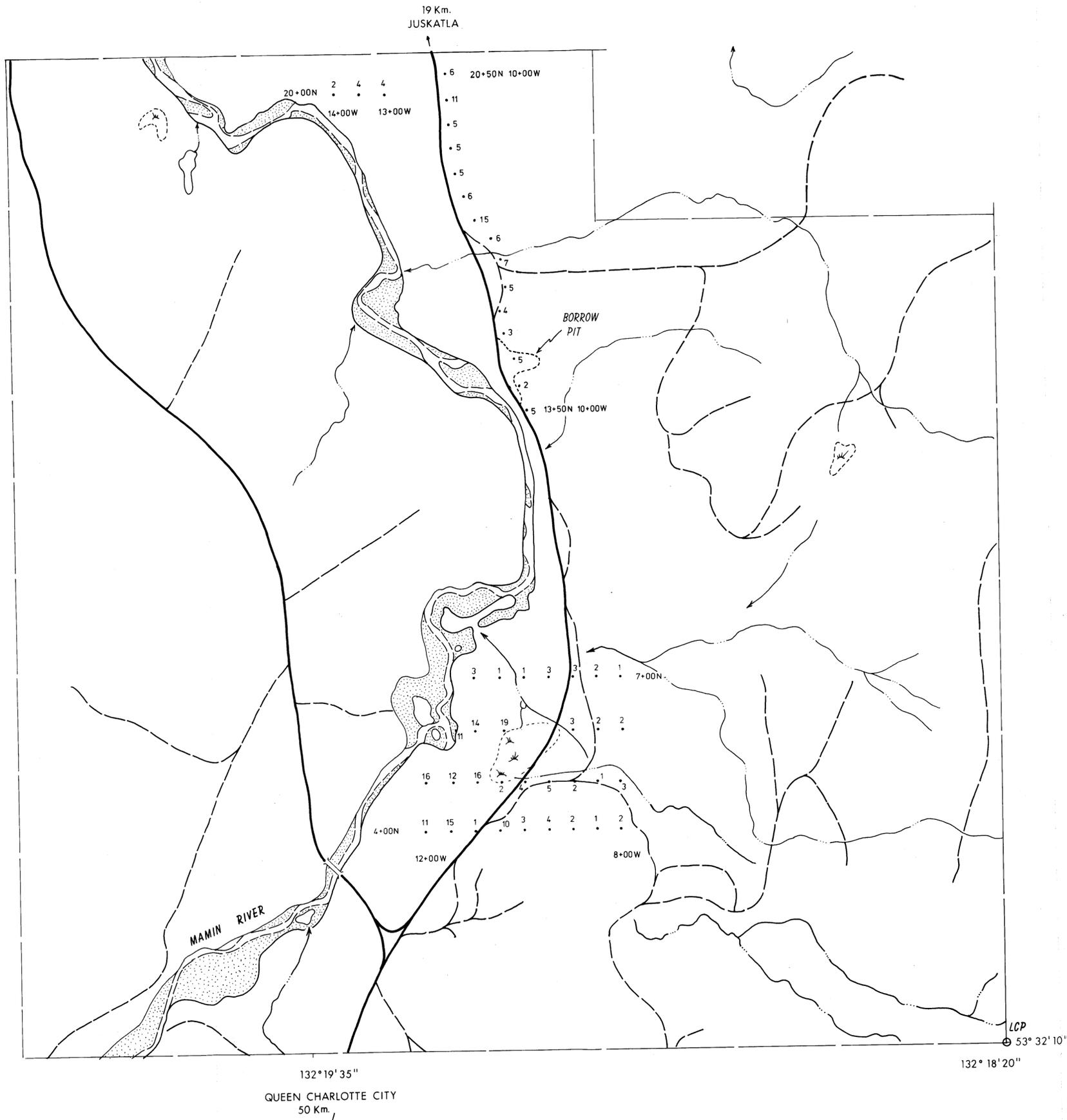
301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8518975-002-4
INVOICE # : I8518975
DATE : 19-DEC-85
P.O. # : NONE
LARK-1 PROJECT

ATTN: LOCKE B. GOLDSMITH CC: PAUL KALLUCK

Sample description	Prep code	AS ppm	Au ppb FA+AA				
1800N 1000W	201	6	<5	--	--	--	--
1850N 1000W	201	5	<5	--	--	--	--
1900N 1000W	201	5	<5	--	--	--	--
1950N 1000W	201	5	<5	--	--	--	--
2000N 1000W	201	11	<5	--	--	--	--
2000N 1300W	201	4	<5	--	--	--	--
2000N 1350W	217	4	<5	--	--	--	--
2000N 1400W	217	2	<5	--	--	--	--
2050N 1000W	201	6	<5	--	--	--	--

Certified by Haut Bichler



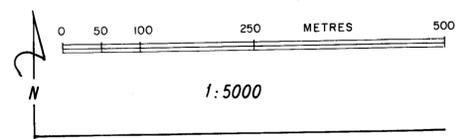
UNIVERSAL MOVIE BUTLER INC.

LARK 1 MINERAL CLAIM 1898 (12)
GRAHAM ISLAND, QUEEN CHARLOTTE ISLANDS B.C.
SKEENA MINING DIVISION N.T.S. 103F 9W

SOIL GEOCHEMICAL SURVEY: As - Au

TO ACCOMPANY REPORT BY:
PAUL KALLOCK, GEOLOGIST
LOCKE B. GOLDSMITH, CONSULTING GEOLOGIST

ARCTEX ENGINEERING SERVICES DECEMBER 1985



GEOLOGICAL BRANCH
ASSESSMENT REPORT

14,653