ARIS SUMMARY SHEET

District Geologist, Smithers Off Confidential: 89.12.14

ASSESSMENT REPORT 18421 MINING DIVISION: Atlin

PROPERTY: Shell
LOCATION: LAT 58 14 00 LONG 131 53 00
UTM 09 6458101 330703
NTS 104J04W
CLAIM(S): Shell 1-4
OPERATOR(S): Lacana Min.
AUTHOR(S): Jones, P.W.
REPORT YEAR: 1989, 21 Pages
COMMODITIES
SEARCHED FOR: Copper,Gold
KEYWORDS: Triassic,Andesite,Basalt,Tuff,Monzonite,Syenite,Chalcopyrite
WORK
DONE: Prospecting,Geochemical
PROS 750.0 ha
Map(s) - 2; Scale(s) - 1:2500,1:10 000
ROCK 47 sample(s) ;ME
SAMP 49 sample(s) ;ME
SILT 3 sample(s) ;ME
MINFILE: 104J 004,104J 016

SHELL 1 - 4 CLAIM GROUP
(3101, 3102, 3103, 3104)
ATLIN MINING DIVISION

PROSPECTING REPORT
JANUARY 1989

Latitude 58° 14.5' Longitude 131° 54'

PAUL W. JONES
CORONA CORPORATION

TABLE OF CONTENTS

LIST OF FIGURES

MAPS (Back Cover)

1. Prospecting Traverses and Geochemical Sample Locations 1:10,000
2. Prospecting Traverses and Geochemical Sample Locations 1:2,500

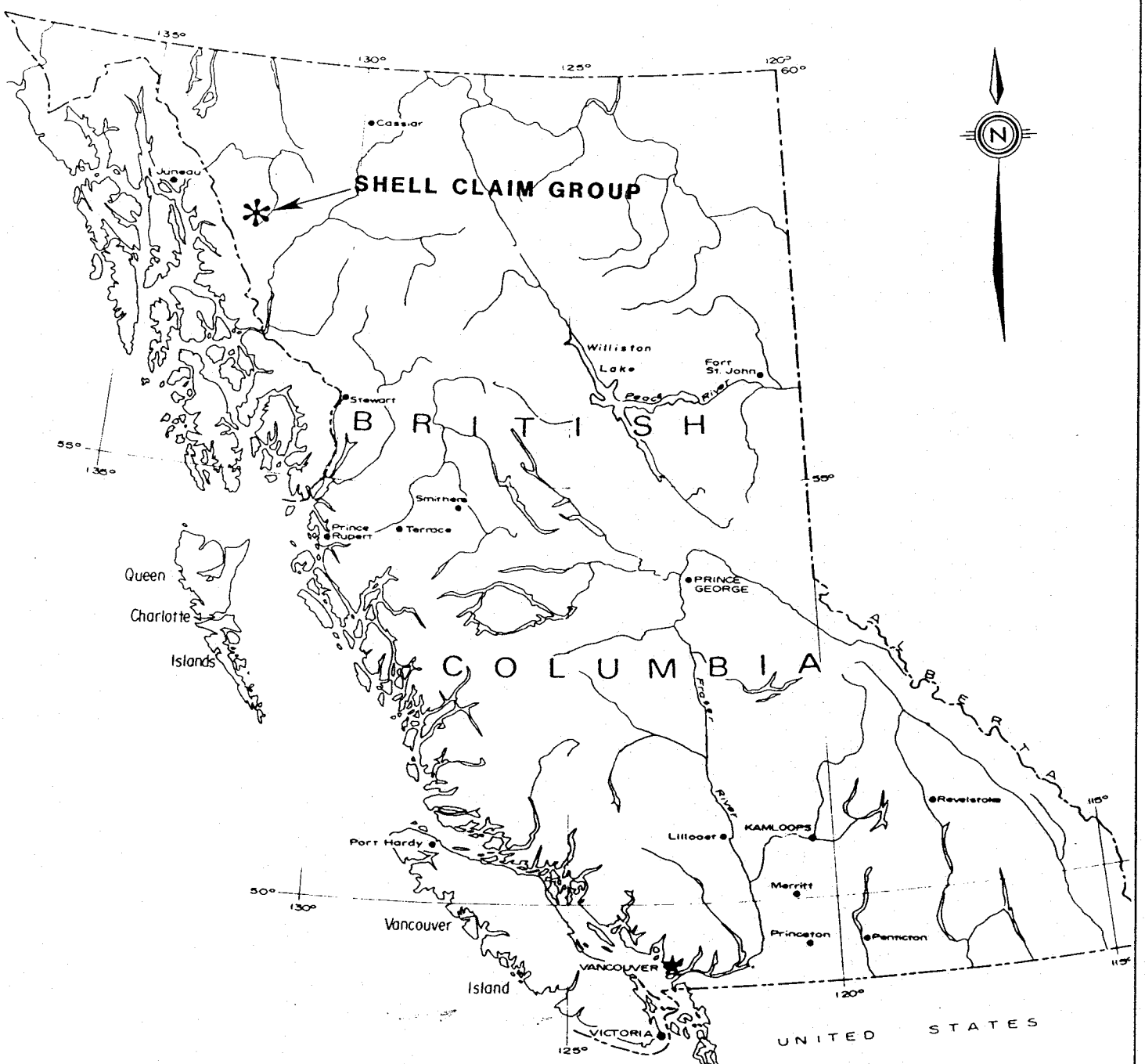
INTRODUCTION

The SHELL 1-4 claim group is located in the Atlin Mining Division 60 km north west of Telegraph Creek on N.T.S. map sheets 104-J/4 and 5 west. Access has been greatly enhanced by the building of a new mining road to within 8 km of the property. Topography for building a spur access road is excellent, no bridging would be involved.

The area is underlain with Upper Triassic andesite, basalt, tuff and breccia with many small stocks, dykes and sills of porphyritic andesite and basalt. This unit is intruded by a large batholith which forms Kaketsa Mountain. Its composition varies from diorite, granodioritic to syenite. Late Tertiary to Pleistocene basalt, olivine basalt flows are also present. The valleys have thick fluvial gravel and sand accumulations. Local mineral occurrences are all of a porphyry nature with Cu as the economic mineral. To the west in an older sediment unit with minor volcanics, structurally hosted precious mineral occurrences are found. Included in this list is North American Metals' Golden Bear Deposit.

This report summarizes the two initial prospecting outings to the SHELL Claim Group. The first trip was undertaken from August 6th to 10th by geologist Ludek Uher and assistant Jonathon Cowan. During these 5 days, (10 mandays) 27 rock and 3 silt samples were collected of which 7 of these rocks were anomalous in precious metals. Prospecting traverses were performed on August 6th, 9th and 10th and surveying and sampling of drill core on the 7th and 8th.

The second expedition was on September 27th, 28th and 29th. The participants in this venture were prospector Paul Jones and geologist Ian Mitchell. This follow-up trip was to acquire more information to enchance the initial prospecting finds before winter conditions ended the field season. This trip produced 22 rock samples of which 11 were anomalous in precious metals. High Cu values were obtained from 18 of these samples, two with values of 1.5% and 1.1% respectively. The sampling was during 2 days (4 mandays) of work, September 28th and 29th.



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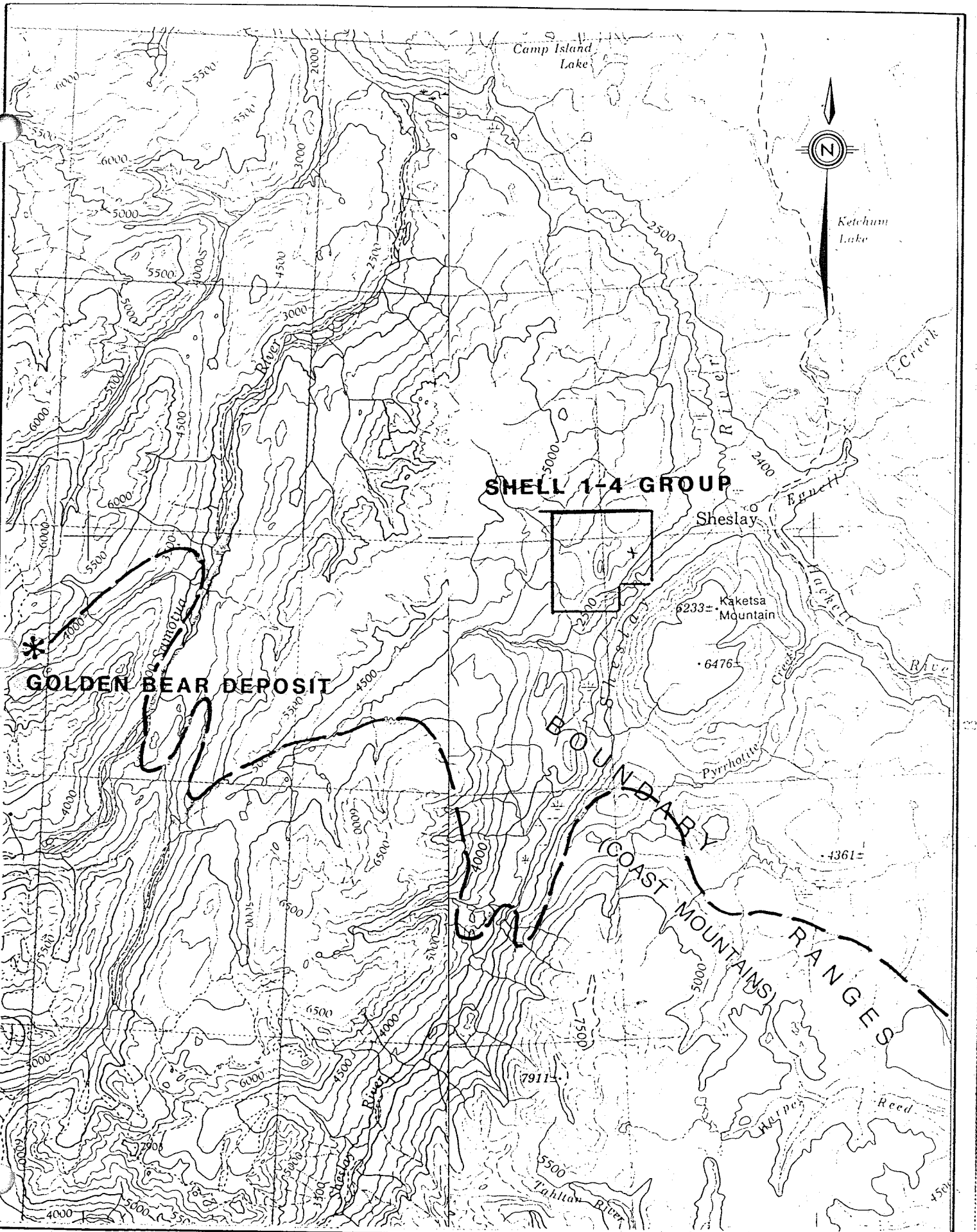
SHELL CLAIMS LOCATION MAP

DATE: January 1989 | SCALE: no scale | DRAWING No. 1



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SHELL GROUP LOCATION MAP

DATE: January 1989	SCALE: 1:250000	DRAWING No. 2

GEOLOGY

REGIONAL

The claim group area has 3 prominent geologic units. Underlying the claim are Upper Triassic andesite, basalt, tuff, breccia with many small stocks, dykes and sills of porphyritic andesite and basalt. Intruding the southeast section of the claim is a tongue off of a stock, Kaketsa Mountain, of a large batholith of granitic rock. This intrusive ranges from monzonite to quartz diorite with later syenite intrusions. These undifferentiated granitic rocks are of Triassic and later age. Overlying all of the previous rock types is a Late Tertiary to Pleistoncene basalt, olivine basalt with minor trachyte and rhyolite flows. The valleys are filled with fluvian gravel and sand accumulations and in some parts the basalt flows are younger than the alluvial deposits.

Further to the west are two older units. These are an upper Pre Upper Triassic undivided, fine grained clastic sediments with intercalated volcanics, unit. In places the rocks are greenstone altered with some phyllic sections. The older Permian limestone and dolomitic limestone that underlies the mixed unit has chert, argillite and sandy limestone segments.

PROPERTY

Due to the short amount of time spent on the property the resulting geologic interpretation is very limited.

The majority of the claim is underlain with augite porphyry andesite volcanic. Variations on this volcanic range from agglomeratic to lapilli, with siliceous and brecciated segments. It is not uncommon to find up to 5% disseminated pyrite. Nearer the contact with the diorite-quartz monzonite-syenite plug the volcanic has been heated. It becomes very dark in colour, aphanitic with higher amounts of disseminated pyrite. Small quartz veinlets are abundant.

Within the andesite unit both siliceous felsic and lamprophyre dykes were observed. A felsic dyke sampled had chalcopyrite and pyrite but did not run in precious metals.

The granite intrusion has been described as medium grained monzonite to quartz diorite. Only the contact area was observed and it had a syenitized monzonite-quartz diorite composition. The greater the mineralization the more potassic rich the intrusive.

The mineralization noted was pink potassic feldspar flooded disseminated chalcopyrite zones with lesser pyrite. The mineralization is disseminated, within fractures and as veinlets. It occurs in both the intrusive and the andesite. Commonly secondary copperin the form of malachite and azurite is present. The possibility exists that a magnetic, magnetite halo may be present within the andesite peripheral to the intrusive stock.

PROSPECTING TRAVERSES

The first set of prospecting traverses were performed by geologist Ludek Uher and assistant Jonathon Cowan on August 67th, 9th and 10th. They worked together collecting 15 rock and 3 silt samples.

On the first day, after setting up camp, the basin area below the prominent ridge that semi circles the east central portion of the claims was scouted. Three silt samples were obtained. All the samples were taken below old drill sites that were also located during this initial traverse, SS-1-88 below DDH-2, SS-2-88 below DDH-3 and SS-3-88 below DDH-1. The priority of this day was orientation.

On the second day the traverse took the crew up and north along the ridge above camp. Two separate areas were concentrated on. Both areas were contact zones between the intrusive rocks and the cooked altered volcanics. The granitic rocks showed propylitic and potassic alteration with malachite

and pyrite mineralization. The volcanic rocks were silicified, brecciated and aphanitic, all primary textures being destroyed. Pyrite sulphides were present in all of the volcanic rocks. A total of 7 rock samples were collected.

The final day was spent traversing the steep hillside NW above the Sheslay River. The same contact type minealization was encountered. The sulphides were more intense and varied. Both chalcopyrite and pyrite were found in disseminated and fracture filled states. The last rock sampled returned a Au value of 1395 ppb with highly anomalous Cu. A total of 8 rock samples were collected.

The second prospecting trip into the SHELL Claim Group was to follow up the last sample taken and further evaluate the property potential. After setting up camp on the 27th of September prospecting began on the 28th. Paul Jones and Ian Mitchell were the samplers.

On the first day, both prospectors commenced prospecting down below camp together. Once target rock types were established individual routes were taken. Mr. Jones proceeded on a low path to the west, whereas Mr. Mitchell the higher one. The traverses converged back up in the basin. The rock types discovered were typical of previous outings with more detailed sampling occurring. A mineralized zone at the contact thought to be the "South Zone" discovered back in the 60's and 70's was encountered. This area returned 7 anomalous Au results of 10 samples. During this day 19 rock samples were taken.

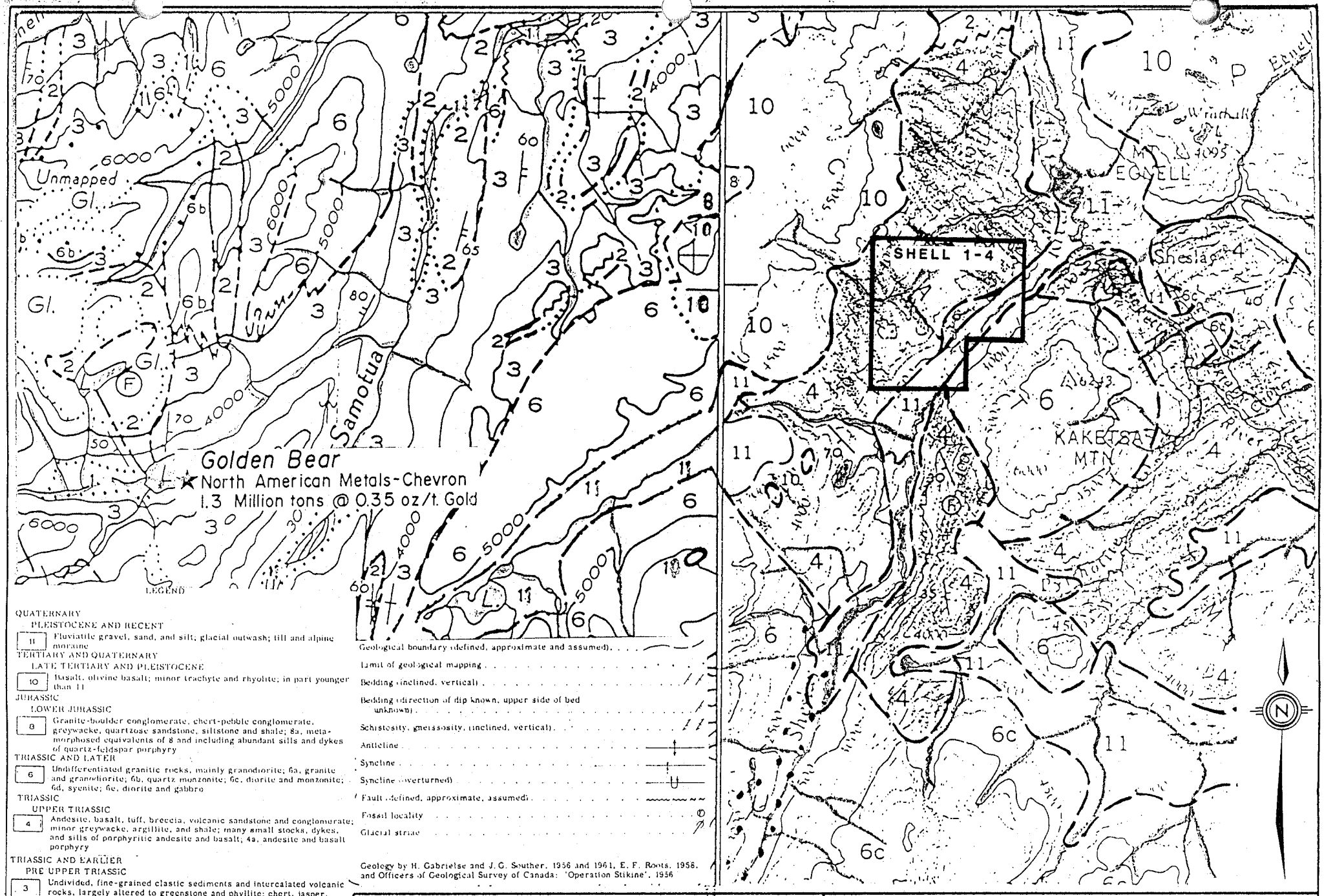
The second day was hampered by a heavy snowfall the night before. A helicopter drop off was arranged to explore the west central portion of the claim. The traverse was initiated in a linear (structure?) lake valley. The host rock type was the augite porphyry andesite. The rock type remained constant with a variation in the clast sizes until the contact with the intrusive was approached. At this time the volcanic rock became aphanitic and dark green black. Mineralization increased even into the granite rock.

The syenite composition granite had more chalcopyrite than the host andesite. The last three rock samples were collected on this day.

In total 49 samples were collected, 46 rock and 3 silt. A total of 16 mandays were spent prospecting the SHELL Claim Group.

CONCLUSIONS

The SHELL Claim Group has the potential to host both porphyritic Cu, Au and contact and structural Au mineral occurrences. The limited sampling that has returned anomalous gold values deserves further attention. The previous Cu porphyry work has indicated additional targets for potential precious metals. A cost effective program to evaluate these claims could be completed within a month for a relatively inexpensive cost in light of the remoteness of the claim. A geochemical soil grid analyzed for gold would greatly enhance the property.



CORONA CORPORATION

SHELL CLAIM GROUP REGIONAL GEOLOGY

DATE: January 1989	SCALE: 1:132800	DRAWING No. 3

APPENDIX A
GEOCHEMICAL DATA

SAMPLE DESCRIPTIONS - SHELL CLAIMS

Sample No.	Sample Type	Description
21751	Drill Core	619' - 621' DDH #1 K-spar enriched zone.
21752	Drill Core	616' - 619' DDH #1 more andesitic with syenite dyke, no sulphides.
21753	Drill Core	537' - 540' DDH #1 contact zone between syenite and andesite.
21754	Drill Core	489' - 493' DDH #1 breccia zone.
21755	Drill Core	404' - 408' DDH #1 highly altered fault shear zone.
21756	Drill Core	396' - 404' DDH #1 fractured pink syenite with chlorite and epidote on shears with fine grained disseminated sulphides, cut by narrow clay altered andesite dykes.
21757	Drill Core	383' - 396' DDH #1 fractured pink syenite with chlorite and epidote on shears with fine grained disseminated sulphides, cut by narrow clay altered andesite dykes.
21758	Drill Core	350' - 360' DDH #1 syenite with medium grained chalchopyrite, pyrite and K-spar.
21759	Drill Core	369' - 382' DDH #1 monzonite with K-spar and clay mineral alteration.
21760	Grab	Propollitic altered monzonite with 5% disseminated pyrite.
21761	Grab	Potassic altered intrusive with quartz veinlets and malachite stain.
21762	Grab	Fine grained dark grey volcanic rock with trace pyrite.
21763	Grab	Rusty siliceous fractured intrusive with trace pyrite.
21764	Grab	Rusty siliceous fractured intrusive with trace pyrite.
21765	Grab	Very fine grained aphanitic volcanic, siliceous grey green with trace pyrite.
21766	Grab	Very fine grained aphanitic volcanic siliceous grey green with trace pyrite.

Sample No	Sample Type	Description
21767	Grab	Monzonite with calcite epidote and K-spar veining.
21768	Grab	Feldspar altered monzonite with epidote envelopes, minor malachite.
21769	Grab	Feldspar altered monzonite with epidote envelopes, minor malachite.
21770	Grab	Black medium grained volcanic with malachite bloom, trace chalcopyrite both disseminated and in veinlets.
21771	Grab	High grade semi-massive pyrite and chalco -pyrite mainly on exposed fractures.
21772	Grab	High grade semi-massive pyrite and chalco -pyrite (more than 21771) mainly on fractures.
21773	Grab	Malachite stained K-spar rich intrusive with 1% pyrite and chalcopyrite.
21774	Grab	Malachite stained syenite with trace disseminated pyrite and chalcopyrite.
SS-1-88	Silt	Below DDH #2.
SS-2-88	Silt	Below DDH #3.
SS-3-88	Silt	Below DDH #1.
14101	Grab	Altered syenite with epidote, 2 - 3% chalcopyrite, 2 - 5% magentite.
14102	Grab	Altered syenite with 30- 50% epidote.
14103	Grab	Syenite with 3 - 5% chalcopyrite heavily stained with malachite and auzurite.
14104	Grab	Altered syenite, oxidized with 3 - 5% pyrite.
14105	Grab	Altered syenite, epidote, potassic altered with trace chalcopyrite.
14106	Grab	Altered syenite, epidote, potassic altered with 3% chalcopyrite and 2% malachite stain.

Sample No.	Sample Type	Description
14107	Grab	10 m sheared altered brecciated contact between syenite and altered andesite, 5% chalcopyrite and abundant epidote.
14108	Grab	Altered siliceous andesite with trace to 1% pyrite.
14109	Grab	Altered siliceous andesite, slightly brecciated with up to 4% pyrite.
14201	Grab	Siliceous volcanic, possible breccia with malachite and chalcopyrite.
14202	Float	Black volcanic with injected K-spar mineralized with malachite,and chalcopyrite.
14203	Float	Siliceous volcanic with K-spar flooding mineralized with malachite, chalcopyrite and pyrite.
14204	Grab	Siliceous brecciated volcanic with malachite, chalcopyrite and pyrite.
14205	Grab	Black volcanic, minor silicification and brecciation with disseminated chalcopyrite, pyrite and malachite.
14206	1 m Chip	Black volcanic with semi-massive chalcopyrite, pyrite and malachite.
14207	Float	Mafic hornblende syenite, magnetic, with disseminated chalcopyrite and malachite.
14208	Grab	Contact of syenite and black volcanic rocks with blebs of chalcopyrite and magnetite.
14209	Grab	Mafic syenite with chalcopyrite, magnetite, pyrite and malachite.
14210	Grab	Siliceous felsic dyke with disseminated chalcopyrite, pyrite and malachite.
14211	Grab	Contact between black volcanic and syenite, siliceous with chalcopyrite, malachite and pyrite.
14212	Grab	Siliceous black volcanic with disseminated chalcopyrite, pyrite and magnetite.

Sample No.	Sample Type	Description
14213	Grab	Syenite with disseminations and blebs of chalcopyrite and malachite.

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852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE RECEIVED: AUG 15 1988
DATE REPORT MAILED: Aug 22/88

GEOCHEMICAL ANALYSIS CERTIFICATE

- SAMPLE TYPE: P1 CORE/ROCK P2 SILT
AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

ASSAYER: C. Leong. D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT SHELL FILE # 88-3595 Page 1

SAMPLE#	AU* ppb
E 21751	1
E 21752	2
E 21753	1
E 21754	1
E 21755	1
E 21756	1
E 21757	2
E 21758	9
E 21759	1
E 21760	235
E 21761	55
E 21762	1
E 21763	5
E 21764	1
E 21765	1
E 21766	3
E 21767	1
E 21768	1
E 21769	1
E 21770	169
E 21771	765
E 21772	340
E 21773	198
E 21774	1395

SAMPLE#	AU* ppb
S-S-1-88	1
S-S-2-88	1
S-S-3-88	3

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GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 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 LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Pulp

DATE RECEIVED: JAN 3 1989 DATE REPORT MAILED: Jan 9/89 SIGNED BY. C. Leong .D.TOYE, C.LEONG, B.CHAN, J.WANG; CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT-SHELL File # 88-3595R

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
E 21751	2	188	2	55	.1	2	6	621	2.29	3	5	ND	1	53	1	2	2	51	3.48	.079	8	5	.83	13	.02	2	1.06	.03	.03	1
E 21752	1	875	4	53	.2	11	17	830	3.06	4	5	ND	1	84	1	2	2	85	6.53	.066	3	74	1.31	9	.10	2	1.09	.05	.01	1
E 21753	20	86	2	16	.1	1	6	301	2.89	2	5	ND	2	68	1	2	4	63	1.46	.080	7	4	.38	44	.03	4	.67	.05	.05	1
E 21754	1	321	2	12	.1	1	4	165	2.72	3	5	ND	2	36	1	2	3	64	.96	.076	6	1	.27	53	.04	7	.62	.03	.06	1
E 21755	2	355	3	17	.1	1	5	532	2.58	5	5	ND	2	47	1	2	2	57	2.22	.071	7	2	.33	21	.02	2	.62	.04	.06	1
E 21756	2	202	4	16	.1	1	4	988	2.59	3	5	ND	2	54	1	2	2	62	3.77	.077	9	2	.28	68	.02	2	.50	.03	.05	1
E 21757	4	299	2	14	.1	1	5	861	2.67	2	5	ND	1	52	1	2	2	58	3.34	.079	9	2	.25	24	.03	2	.52	.03	.05	1
E 21758	6	497	2	14	.1	1	6	275	2.58	2	5	ND	1	32	1	2	2	58	1.51	.078	6	2	.19	19	.03	2	.56	.03	.06	33
E 21759	1	285	4	18	.1	1	7	275	2.60	2	5	ND	2	38	1	2	2	61	1.48	.078	6	2	.21	14	.03	3	.52	.04	.06	1
E 21760	1	917	3	37	.8	4	30	320	3.65	2	5	ND	1	37	1	2	2	54	.55	.120	3	6	1.26	27	.04	2	1.44	.03	.04	1
E 21761	1	3638	10	34	6.3	5	5	197	2.24	7	5	ND	2	64	1	3	2	35	.94	.070	2	8	.34	8	.05	8	.90	.01	.01	1
E 21762	1	456	9	40	.2	24	16	587	2.91	6	5	ND	1	70	1	2	2	73	1.29	.071	2	54	1.61	15	.12	3	1.88	.01	.02	1
E 21763	3	190	12	55	.3	31	17	370	4.30	45	5	ND	1	37	1	2	2	91	.70	.090	4	43	.81	21	.08	2	1.63	.10	.10	1
E 21764	2	192	12	19	.1	33	16	236	3.53	16	5	ND	2	17	1	2	3	73	.60	.143	7	57	.48	12	.07	2	1.01	.04	.07	2
E 21765	2	73	5	89	.1	28	12	700	3.40	9	5	ND	2	20	1	2	2	65	.66	.116	8	16	.27	20	.06	2	.77	.07	.11	1
E 21766	7	203	32	5987	.4	30	16	952	4.64	156	5	ND	3	9	34	2	2	93	.57	.149	15	50	.29	11	.03	3	.58	.03	.04	1
E 21767	1	77	4	89	.1	6	6	243	2.20	6	5	ND	4	28	1	3	2	72	.76	.038	3	15	.24	241	.07	4	.32	.04	.06	2
E 21768	2	2074	10	57	.7	1	6	255	1.34	9	5	ND	2	40	1	2	2	30	1.07	.139	4	3	.50	17	.05	11	.86	.03	.03	1
E 21769	3	1438	5	30	.5	2	4	221	1.25	8	5	ND	1	40	1	2	2	31	1.14	.135	4	3	.44	13	.05	7	.88	.03	.03	1
E 21770	1	5281	3	77	1.8	35	31	502	3.75	8	5	ND	1	17	1	2	2	119	.87	.087	2	124	1.26	13	.14	2	.93	.02	.02	1
E 21771	1	20165✓	18	82	8.4	102	77	299	6.79	15	5	ND	2	44	1	2	4	122	.58	.037	5	95	.72	28	.13	2	.84	.02	.08	1
E 21772	1	4331	5	43	1.0	63	60	197	7.15	5	5	ND	1	20	1	2	2	185	.57	.064	4	111	.75	95	.15	6	.78	.04	.12	1
E 21773	1	2540	6	38	1.8	3	6	254	1.88	7	5	ND	1	26	1	2	2	38	.68	.137	3	5	.64	14	.07	7	.76	.03	.05	1
E 21774	1	6948	2	28	1.5	59	18	146	5.02	3	5	2	2	39	1	2	2	129	.61	.126	5	3	.31	70	.06	4	.71	.11	.05	1
S-S-1-88	1	1845	5	54	.1	20	7	248	1.06	13	5	ND	1	242	1	2	2	19	18.94	.064	6	24	.71	104	.02	36	.43	.02	.03	2
S-S-2-88	1	209	7	43	.1	32	10	340	2.30	12	5	ND	1	119	1	2	2	51	13.94	.068	5	52	1.04	74	.03	6	.88	.02	.04	5
S-S-3-88	1	1484	11	24	.1	9	3	87	.54	6	5	ND	1	174	1	2	4	20	5.04	.088	10	16	.27	192	.01	45	.39	.01	.01	1
STD C	18	62	43	134	6.9	72	31	1044	4.19	42	23	8	40	51	19	17	21	63	.50	.094	39	61	.95	182	.07	33	1.95	.06	.14	12

✓ ASSAY REQUIRED FOR CORRECT RESULT -

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GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 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 LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 6 1988 DATE REPORT MAILED: Oct 12/88 ASSAYER. C. Leong ..D.TOYE OR C.LEONG, CERTIFIED B.C. ASSAYERS

LACANA MINING CORP. PROJECT 1036 File # 88-5043

Sheet — 1036 —

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* PPB
C 14101	1	468	5	66	.1	22	12	476	6.41	5	5	ND	1	88	1	2	2	170	2.06	.055	2	97	1.34	38	.11	6	1.79	.03	.02	1	1
C 14102	1	9	4	10	.1	6	3	173	1.42	3	5	ND	1	84	1	2	2	66	2.22	.031	2	43	.41	4	.15	3	1.05	.02	.01	1	1
C 14103	1	3344	3	36	.9	7	5	385	1.77	4	5	ND	1	23	1	2	2	44	1.36	.090	2	46	.89	9	.13	2	.85	.04	.02	1	7
C 14104	1	124	7	13	.2	2	4	100	1.33	7	5	ND	1	35	1	2	3	20	.78	.100	6	6	.26	41	.06	5	.64	.06	.06	1	1
C 14105	1	155	5	38	.1	2	11	366	1.44	4	5	ND	1	90	1	2	2	42	2.13	.132	3	3	.60	32	.09	4	1.28	.02	.03	2	14
C 14106	1	1447	5	34	.3	5	7	333	1.24	4	5	ND	1	25	1	2	2	46	1.43	.155	4	4	.75	40	.09	5	.91	.03	.09	1	1
C 14107	5	7761	10	216	1.7	43	30	945	3.51	6	5	ND	1	67	1	2	2	87	3.99	.054	2	100	2.39	18	.08	2	2.18	.02	.01	2	9
C 14108	1	107	13	41	.1	17	14	590	2.64	7	5	ND	1	37	1	2	2	80	1.32	.071	2	38	1.49	86	.17	3	1.57	.05	.17	3	1
C 14109	1	540	2	47	.1	10	9	796	3.44	2	5	ND	2	37	1	2	2	67	1.46	.229	12	6	.79	12	.16	2	1.37	.03	.06	1	1
C 14201	4	845	138	455	1.5	5	10	351	.92	10	5	ND	1	112	3	2	2	30	2.36	.027	2	13	.11	12	.10	7	.86	.01	.02	1	2
C 14202	1	2157	3	27	.1	19	14	415	5.17	9	5	ND	1	369	1	3	3	211	2.44	.063	5	167	.90	65	.09	7	1.09	.07	.05	2	6
C 14203	8	7940	3	35	.6	37	19	328	3.88	4	5	ND	1	49	1	2	2	111	.86	.081	6	91	1.60	62	.09	2	1.44	.03	.04	1	142
C 14204	50	15066 ✓	2	25	.8	58	31	355	3.91	5	5	ND	1	22	1	2	2	83	.62	.109	8	77	1.92	249	.09	2	1.43	.02	.03	1	580
C 14205	17	11195 ✓	7	31	2.3	64	43	435	4.35	13	5	ND	1	480	1	2	4	93	.76	.141	11	98	2.34	212	.09	2	2.19	.02	.08	3	510
C 14206	130	6017	4	22	1.2	35	29	318	4.03	7	5	ND	1	253	1	2	2	116	.50	.055	3	82	1.09	62	.11	2	1.21	.04	.05	1	1060
C 14207	1	1591	2	18	.8	3	5	166	1.02	2	5	ND	1	40	1	2	2	25	.76	.127	3	2	.31	11	.08	2	.59	.04	.03	1	230
C 14208	2	1164	20	56	2.6	6	4	151	1.92	6	5	ND	1	45	1	2	2	35	.74	.144	3	6	.32	25	.10	5	.66	.04	.06	1	54
C 14209	1	4663	6	26	1.4	5	7	272	1.63	5	5	ND	1	29	1	2	4	37	1.01	.148	3	1	.63	21	.09	4	.86	.04	.07	2	2
C 14210	3	2993	2	12	.1	11	6	248	1.36	8	5	ND	2	169	1	2	2	34	1.10	.037	4	11	.73	55	.05	8	.92	.05	.03	1	8
C 14211	253	9560	2	25	1.5	36	37	239	7.43	2	5	ND	1	266	1	2	2	156	.77	.079	5	69	1.17	82	.10	2	1.25	.05	.05	1	1060
C 14212	2	4972	13	71	1.3	61	48	424	5.34	8	5	ND	1	25	1	2	2	192	.90	.081	2	114	1.28	115	.24	4	1.46	.05	.06	1	310
C 14213	2	1435	5	47	.2	5	13	446	3.05	3	5	ND	1	25	1	2	2	68	.47	.073	6	8	.73	63	.07	4	.97	.04	.06	1	33
STD C/AU-R	18	62	36	131	7.1	67	30	1049	4.03	36	17	6	37	47	17	19	15	59	.47	.068	39	53	.93	177	.07	32	1.89	.06	.14	12	495

✓ Assay required for correct result for Cu > 10,000 ppm

STATEMENT OF COSTS

First Trip		
10 man days @ $150/man day	$1,500.00	
27 samples @ $20/each	540.00	
Truck Rental - 7 days @ $40/day	280.00	
Food and Accomodation - 10 man days @ $30/man day	300.00	
Supplies and Equipment	125.00	
Helicopter Support	1,740.00	$ 4,485.00
Second Trip		
6 man days @ $150/man day	900.00	
22 Samples @ $20/each	440.00	
Truck Rental - 5 days @ $40/day	200.00	
Food and Accomodation - 6 man days @ $30/man day	180.00	
Supplies and Equipment	125.00	
Helicopter Support	1,620.00	3,465.00
		7,950.00
Report Preparation		250.00
TOTAL COSTS		$ 8,200.00

Dates: August 6th, 7th, 8th, 9th, 10th, 1988
September 27th, 28th, 29th, 1988.

STATEMENT OF QUALIFICATIONS

I, PAUL JONES, the City of Vancouver, B.C. declare that:

1. I have been involved actively in the mining industry in Canada and the United States for 11 years.

2. I have personally performed the work enclosed in this report under the supervision of Corona Corporation's Senior Geologist, Darrel Johnson.

Paul W. Jones

DATED this 1st day of FEBRUARY 1989

at VANCOUVER, British Columbia.

○ DRILL CORE SAMPLED
○ ROCK
△ SILT
TRAVERSES 1st VISIT (1,2,3)
TRAVERSES 2nd VISIT (1,2,3,4)
CLAIM LINES
▲ CAMP
⊙ DRILL HOLES

MAP SCALE

200 0 200 400 600 m

NTS. 104 J/4,5W

No	Date	MADE BY	DESCRIPTION
1	June/89	M.H.	ASSAYS
2			
3			
4			
5			

DATE	DRAWN BY	CHECKED	APPROVED
Feb. 89	J.v.V.		

CORONA CORPORATION

OFFICE	DEPARTMENT

SHELL PROJECT

COMPILATION MAP

18,421

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1 : 10,000	1

N

SHELL 1 | SHELL 2

SHELL 3

Malachite
21761
21762 dark volcanics
21760 altered monzonite
propolitic

CAMP

14201 volcanic malachite, chalcopyrite

21763
21764
21765 aphanitic volcanic
siliceous intrusive

21766 aphanitic volcanic

14109 siliceous andesite

14108 siliceous andesite

21751 – 21759 Drill Core

14213 syenite, chalcopyrite, malachite

14104 altered syenite
14105 altered syenite chalcopyrite
14106 altered syenite chalcopyrite, malachite
14107 brecciated syenite volcanic contact chalcopyrite

SS-1-88

14101 altered syenite chalcopyrite, magnetite

14102 altered syenite

21774 syenite chalco.

SS-3-88

contact-black volcanics & syenite
14211
14212 black volcanics
siliceous felsic dyke cpy, mal
14210
14206 cpy with black volc
black volc. cpy, mal
14205 black volcanic malachite, cpy
14202 volcanic mal, cpy
14204
14203 siliceous volcanic malachite, cpy

21767 monzonite

syenite with chalcopyrite malachite, azurite

21773 syenite chalcopyrite

14103

mafic syenite cpy, mag
14209
14208 syenite-black volcanic mix
14207 syenite with magnetite, cpy, mal

21771
21772
21770
21768
21769
massive pyrite & chalcopyrite within pink syenite
altered monzonite with malachite
monzonite with malachite
dark volcanic with mal & cpy.

SS-2-88

Shesley River

○ DRILL CORE SAMPLED
○ ROCK
△ SILT
TRAVERSES 1st VISIT (1,2,3)
TRAVERSES 2nd VISIT (1,2,3,4)
CLAIM LINES
▲ CAMP
⊙ DRILL HOLES

MAP SCALE
50 0 50 100 150 m
NTS.

REVISIONS	No	Date	MADE BY	DESCRIPTION
	1	Jun./1989	m.k	geology notes
	2			
	3			
	4			
	5			

DATE	DRAWN BY	CHECKED	APPROVED
JAN 1989	J.v.V		

CORONA CORPORATION

OFFICE	DEPARTMENT

SHELL PROJECT

COMPILATION MAP

18,421

MAP INDEX NUMBER	SCALE	DRAWING NUMBER
	1:2,500	2