820456

682-5637

413-475 Howe St Vancouver

V6C 2B3

CASTLE MINERALS INC.

GEOLOGIC REPORT ON THE WREN CLAIM GROUP

RUTHERFORD CREEK AREA

LILLOOET MINING DIVISION, B.C.

NTS 92 J/6E AND 7W

BY

R.A. GONZALEZ, M.Sc., F.G.A.C.,

JANUARY 29, 1988

ARCHEAN ENGINEERING LTD.

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1.0 INTRODUCTION

In early 1987, a dialogue was established between the claim holder, Mr. Jim McDonald of Vancouver, B.C., and **CASTLE MINERALS INC.** in which the latter agreed to option 1 Modified Grid Claim, comprised of 20 units. During the initial exploration, it became apparent that the economic potential of the area was considerable and additional claims were required. **CASTLE** purchased or optioned three 2-post claims and two Modified Grid claims comprised of 32 units, contiguous to the original Wren Claim. These claims form a block collectively called the Wren Mineral Group. One 2-post claims was also added to the holding and cover a gossan area on the north side of the valley. All claims lie within the Lillooet Mining Division. In May 1987, the writer was asked to examine the claims, compile available information, comment on the mineral potential, and if warranted, make recommendations for future work. This report summarizes the results of that examination and my continuing involvement in monitoring the exploration which took place during the summer of 1987.

1.1 LOCATION AND ACCESS

The Wren Mineral Group is a gold prospect located on the south side of the Rutherford Creek in southeastern British Columbia. The claims are located in moderately steep, mountainous terrain approximately 120 km north of Vancouver. The town of Pemberton in 10 km north, and the Village of Whistler is approximately 15 km to the south (Figure 1). Terrestial co-ordinates for the centre of the claim block are as follows:

50° 16' North Latitude
123° 00' West Longitude
NTS 92 J/6E and 7W

The property is at an elevation which ranges from 800 m (2600 feet), along Rutherford Creek, to over 2150 m (7060 feet) at the ridge top which divides the east flowing Rutherford Creek and Soo River drainages.

Access to the property is along a low-maintenance, dry weather, logging road which trends westward along the north side of Rutherford Creek. This road connects with the Vancouver-Pemberton Highway (B.C. Highway 99) approximately 10 km south of the town of Pemberton. The north boundary of the Wren Mineral Group is immediately south of a logging bridge which crosses Rutherford Creek. The lower, northern, portions of the claim group was logged during 1986 and 1987 and several logging roads cross the property.

1.2 CLAIM INFORMATION

The property is located in the Lillooet Mining Division and is comprised of two Modified Grid claim, totalling 32 units, and three 2-post claims (Figure 2). All claims are contiguous. The Wren Mineral Claim is held by an option agreement with the recorded holder, Mr. Jim MacDonald of Vancouver, while the Sparrow, Robin, Jay, and Crow are recorded in the name of Castle Minerals Inc. For claim information, see Table 1.

TABLE 1

CLAIM STATUS

MODIFIED GRID CLAIMS

CLAIM NAME	RECORD NO.	UNITS	ANNIVERSARY DATE
WREN	3835	20	5 OCTOBER
SPARROW	3817	12	21 SEPTEMBER

2-POST CLAIMS

CLAIM NAME	RECORD NO.	ANNIVERSARY DATE
JAY	3819	21 SEPTEMBER
ROBIN	3820	21 SEPTEMBER
CROW	3821	21 SEPTEMBER

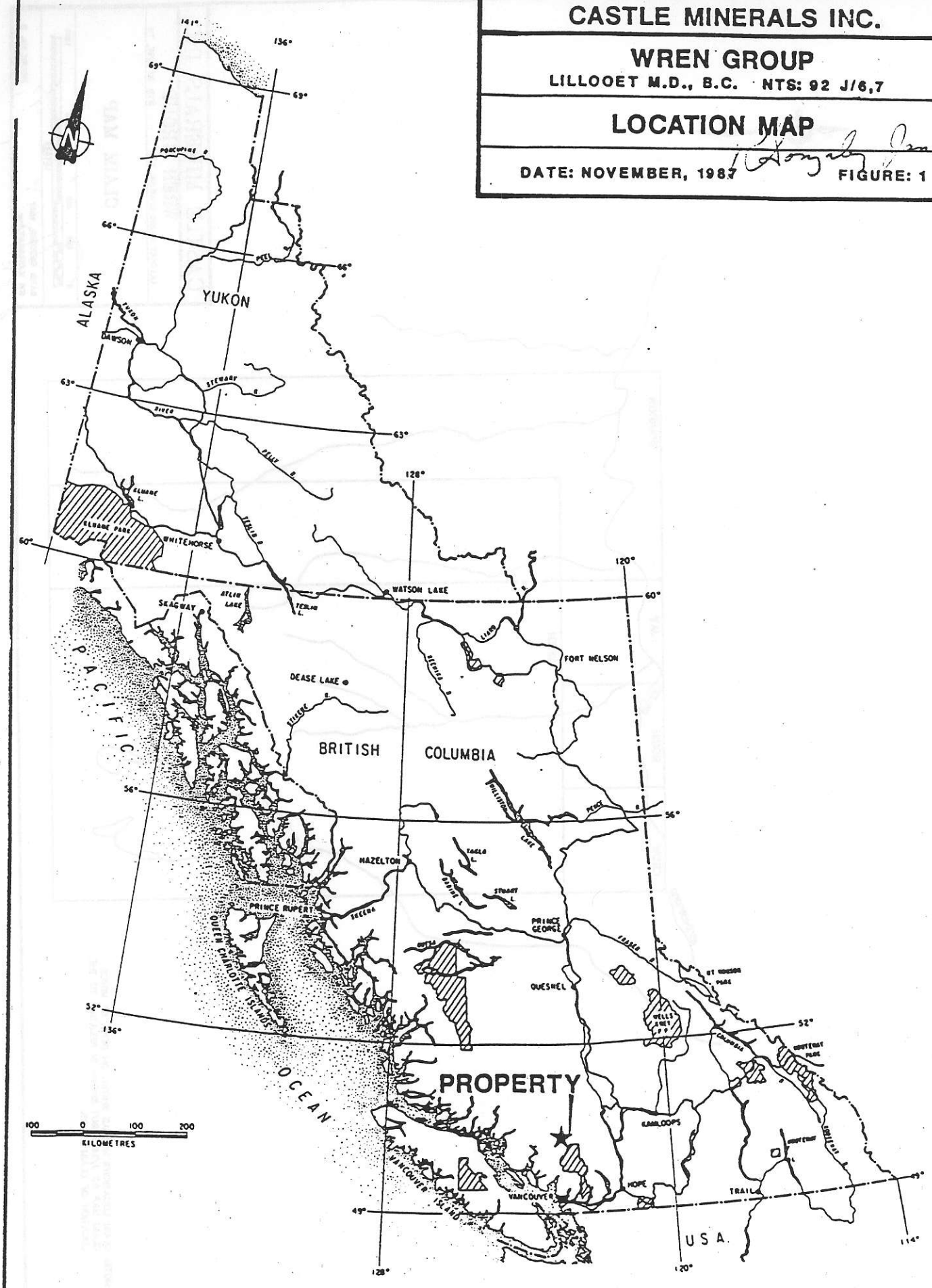
CASTLE MINERALS INC.

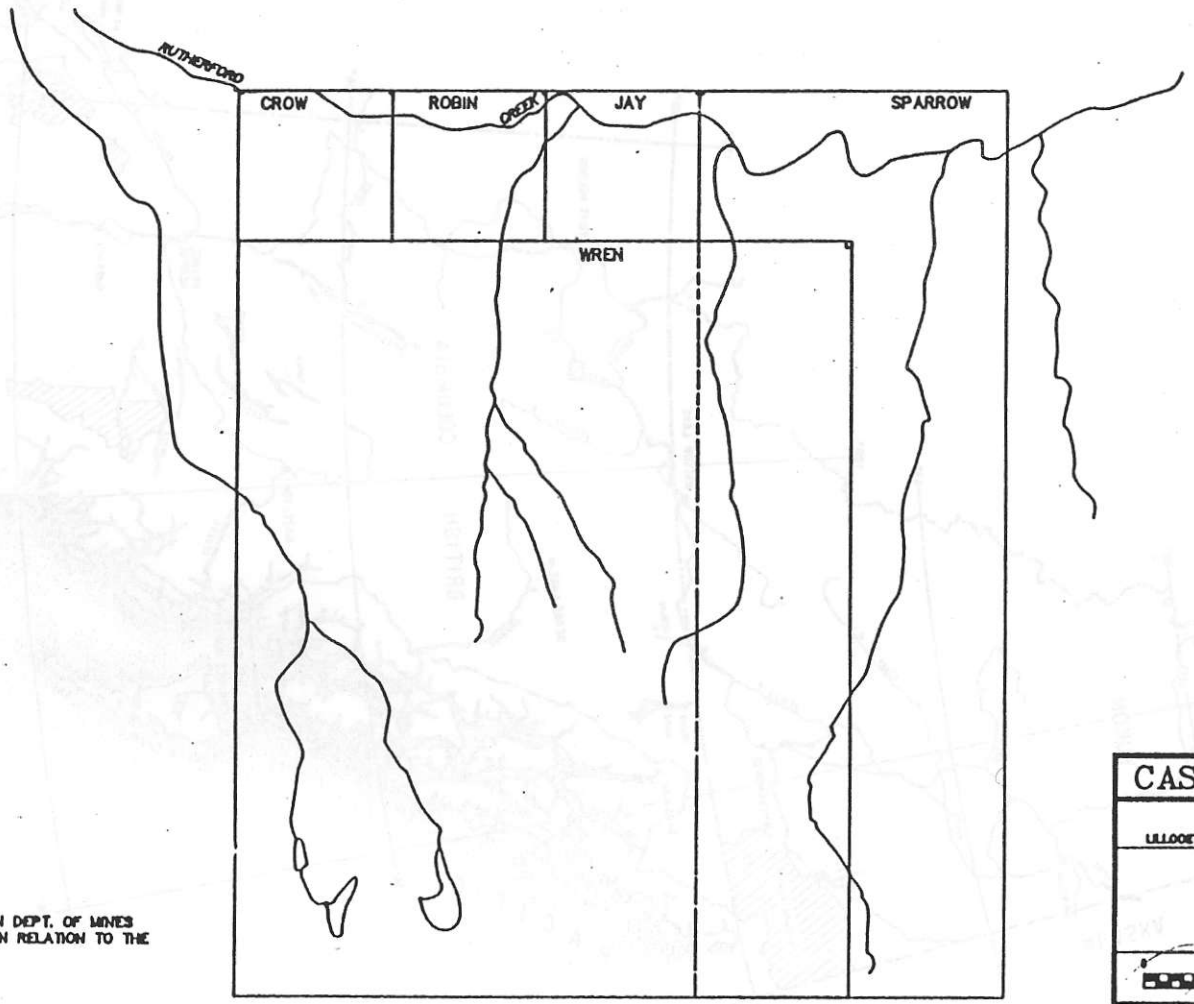
WREN GROUP

LILLOOET M.D., B.C. NTS: 92 J/6,7

LOCATION MAP

DATE: NOVEMBER, 1987 FIGURE: 1





NOTE: CLAIM LOCATIONS NOT AS SHOWN ON DEPT. OF MINES CLAIM MAP 92 J/16 E BUT SHOWN IN RELATION TO THE LOCATION OF CLAIM POSTS.

CASTLE MINERALS INC.

WREN GROUP

LILLOOET MINING DIVISION, B.C. NTS: 92 J/9E, 7W

CLAIM MAP

0 200 400 600 1000

METRES

DATE: OCTOBER, 1987

BY: K.GOURLEY/mr

FIGURE No. 2

1.3 PHYSIOGRAPHY, CLIMATE AND VEGETATION

The Wren prospect is located in the Pacific Ranges Subdivision of the Coast Mountains Physiographic Province (formerly referred to as the Coast Plutonic Complex). The area surrounding the claims has a rugged topography with surface elevations ranging from 600 to over 2100 m (2000 to 7000 feet). Mountains rise abruptly on either side of Rutherford Creek valley; the highest peak on the property is approximately 2150 m (7060 feet) above sea level.

The climate during the summer is generally warm although brisk winds are common on unprotected ridges and peaks. The weather station at Pemberton Meadows (elev. 655 m) records a mean rainfall of 741 mm/year, a mean snowfall of 2824 mm/year, and a mean daily temperature varying from a low of -6.1°C to a high of 18.6°C. However, condition are more severe at higher elevations. The area's climate is likened to that of the western interior of British Columbia (Drysdale, 1916).

Treeline is approximately 1600 m on north facing slope. At lower elevations cedar, cottonwood, white pine, Douglas fir, and hemlock fir are common with Douglas and hemlock fir being more common at higher elevations. Alpine fir, mosses and grasses are found above treeline.

2.0 GEOLOGY

2.1 REGIONAL GEOLOGY

The geology of the Pemberton map-area has been described by Woodsworth (1977), Cairnes (1925), Camsell (1918), and Drysdale (1916). The Rutherford Creek area has been studied in some detail by Woodsworth (1977), among others. The area is underlain mostly by granitoid rocks of the Coast Plutonic Complex and highly deformed volcanic and sedimentary rocks of Lower Cretaceous aged (Figure 3).

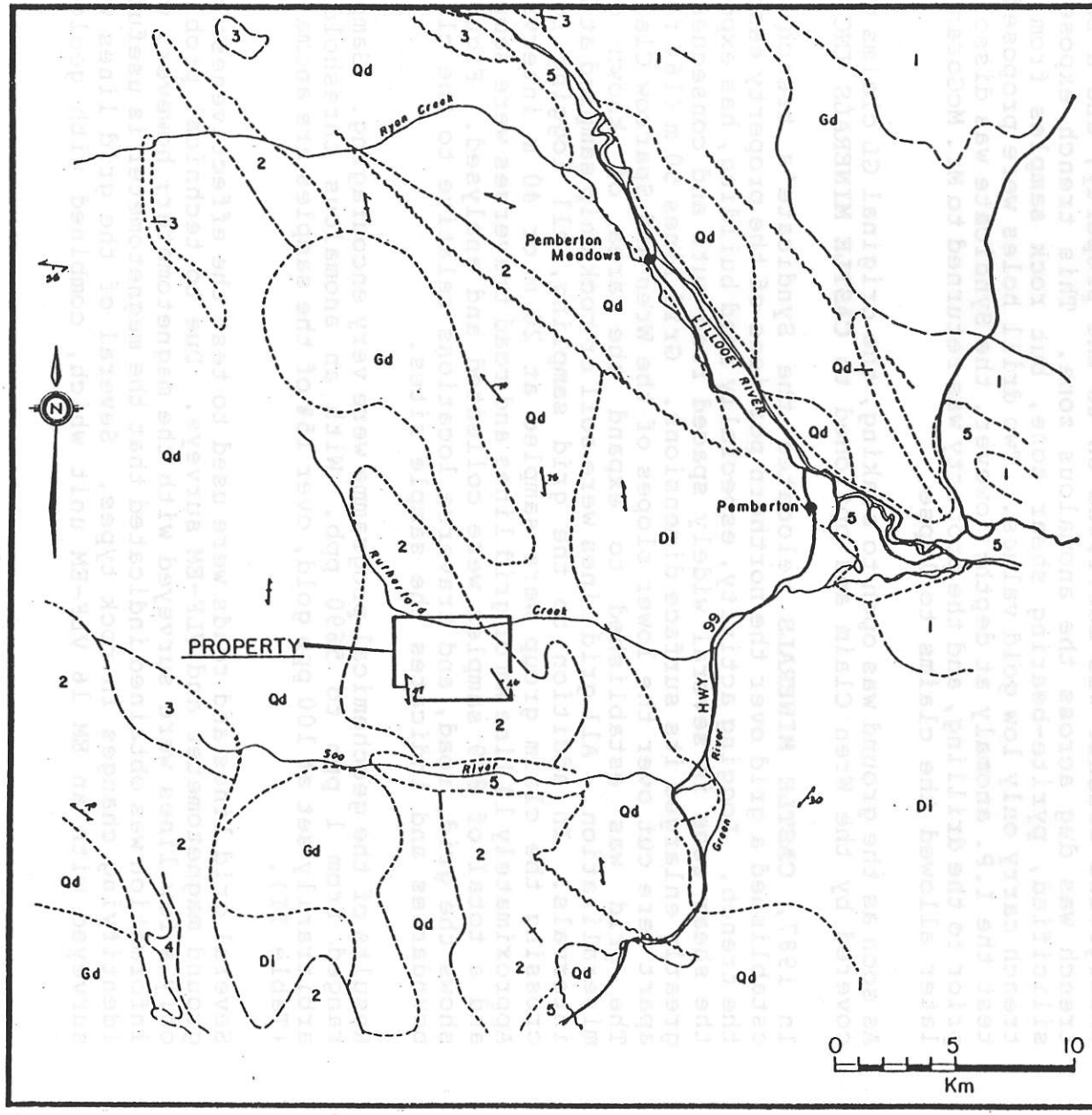
The Coast Plutonic Complex consists largely of plutonic rocks and subordinate gneiss and migmatite, mostly of uncertain age. The plutonic rocks are dominantly quartz diorite to granodiorite, with some diorite and quartz monzonite. Regionally metamorphosed Late Triassic to Early Cretaceous sedimentary and volcanic rooks form northwest-trending pendants within the plutonic framework.

Highly deformed Lower Cretaceous aged stratified rocks are common with meta-volcanic rocks greatly predominate over meta-sedimentary strata. The volcanic rocks are mainly pyroclastic and are comprised of greenish tuffs and breccias, reddish brown to maroon breccia-conglomerates, and purplish breccias. Thin beds of brittle shale or siltstone are often interbedded with the volcanics.

A chain of late Tertiary and Quaternary calc-alkaline volcanic centres extends north through part of the Coast Plutonic Complex. In the area, several high-level quartz monzonite stocks intrude quartz diorite of the Complex.

As in other parts of the Coast Mountains, the dominant structural trend is northwesterly. Foliation in plutonic rocks are generally northwest with steep dips. Schistosity in pendanats is usually parallel or subparallel with contacts. Schistosity is rare in the meta-volcanics. It appears that deformation has been largely concentrated in narrow northwest trending zones, leaving the intervening areas with well preserved original textures suggest that deformation was controlled by deep-seated major structural features.

The geology of the area is not simple. Multiple deformation has rendered most of the rocks schistose and tightly compressed in complex repetitive folds. A subtlety of rock differences, and obscurity of bedding, facies changes in some formations, and a variation in intensity of hydrothermal alterations all combine to make a complex relationship which poor exposures, at lower elevations, further compounds.



LEGEND:

STRATIFIED AND HIGH-LEVEL PLUTONIC ROCKS

PLEISTOCENE AND RECENT

5 UNCONSOLIDATED ALLUVIAL, FLUVIAL, AND GLACIAL DEPOSITS

PLIOCENE TO RECENT

4 GARIBALDI GROUP: OLIVINE BASALT FLOWS OF PLEISTOCENE AGE

MIOCENE (?) AND OLDER (?)

3 ANDESITIC TO BASALTIC FLOWS AND BRECCIA, MINOR DACITE; BASALT FLOWS WITH INTERBEDDED CONGLOMERATE AND SILTSTONE

LOWER CRETACEOUS

2 GAMBIER GROUP: ANDESITIC TO DACITIC TUFF, BRECCIA, AGGLOMERATE; ANDESITE, ARGILLITE, CONGLOMERATE, LESSER MARBLE, GREENSTONE, AND PHYLLITE

UPPER TRIASSIC

1 CADWALLADER GROUP (UNDIVIDED; INCLUDES HURLEY, PIONEER AND NOEL STRATA, MAY INCLUDE OLDER AND YOUNGER ROCKS): ANDESITIC BRECCIA, TUFF, AND FLOWS, GREENSTONE; LESSER SLATE, ARGILLITE, PHYLLITE, CONGLOMERATE, LIMESTONE, RHYOLITIC BRECCIA AND FLOWS

PLUTONIC ROCKS (MOSTLY OF UNKNOWN AGE)

Gd GRANODIORITE

Qd QUARTZ DIORITE

Dl DIORITE; DIORITIC COMPLEXES CONTAINING DIORITE, QUARTZ DIORITE, AMPHIBOLITE, GREENSTONE, AND DYKE SWARMS

SYMBOLS

GEOLOGICAL BOUNDARY (DEFINED, APPROXIMATE, ASSUMED)

BEDDING (HORIZONTAL, INCLINED, VERTICAL)

FOLIATION, SCHISTOSITY (STRIKE AND DIP)

FAULT (DEFINED, APPROXIMATE, ASSUMED)

CASTLE MINERALS INC.

WREN GROUP

LILLOOET MINING DIVISION, B.C. NTS: 92 J/6,7

Ralph Langley Jan 29, 1988

REGIONAL GEOLOGY

GEOLOGY MODIFIED FROM G.J. WOODSWORTH (1977)

DATE: NOVEMBER, 1987

BY: R.G.

FIGURE No. 3

Prepared by: RWR MINERAL GRAPHICS LTD.

3.0 WORK SUMMARY AND DISCUSSION

The area was first staked in the mid-1970's by the Rainbow Syndicate, a syndicate consisting of Newmont Exploration of Canada Ltd. (40%); Union Oil Company of Canada Ltd. (Calgary) (40%); Bethlehem Copper Corporation (20%); and John McGoran, (geologist). The area was staked as the GL Claims after a regional stream sediment sampling programme identified anomalous zinc and gold in the Rutherford Creek drainage. From 1977 to 1980, the property was geologically mapped and soil sampled. A geochemically anomalous area 200 X 250 m was outlined and contained values up to 780 ppb gold. Panning the soils within the anomalous area returned visible flakes of angular gold. In 1980, an I.P. survey (a single-line, test survey) was conducted over the anomalous area and a 100 m long anomaly, believed to be disseminated pyrite, was outlined. This anomalous zone was below the area where gold had been panned from the soils. A gasoline powered underground slusher was mobilized on to the property, and a small trench was dug across the anomalous zone. This trench exposed a silicified, pyrite-bearing shear zone, but rock samples from the trench carry only low gold values. Two drill holes were proposed to test the I.P. anomaly at depth; however, the Syndicate was dissolved prior to the drilling, and the property was returned to Mr. McGoran who later allowed the claims to lapse.

As soon as the ground was open to staking, the original GL claims were covered by the Wren Claim and optioned to **CASTLE MINERALS INC.**

In 1987, **CASTLE MINERALS** relocated the Syndicate's trench and established a grid over the northern portions of the property east of the trench. Logging activity, especially road building, has exposed the shear zone in several widely spaced road cuts and consequently greatly enlarged its surface dimensions. Grid lines 50 m (164 feet) apart were cut over the lower slopes of the Wren and Sparrow Claims. The grid was established to expand the area of known gold mineralization. All grid lines were soil or rock chip sampled at 20 m intervals. In addition to the grid sampling, all logging roads crossing the claim group were sampled at 20 m or 40 m intervals. Approximately 14 line km of grid lines and road traverses were sampled and a total of 899 samples were collected and analysed. Figure 4 shows the grid, road, and traverse locations relative to the claims boundaries and indicates the sample sites.

Results of the geochemical programme were very encouraging. Samples ranged from 1 ppb to 5690 ppb. With an anomalous threshold is arbitrarily set at 100 ppb gold, over 15% of the samples are anomalous (Table II).

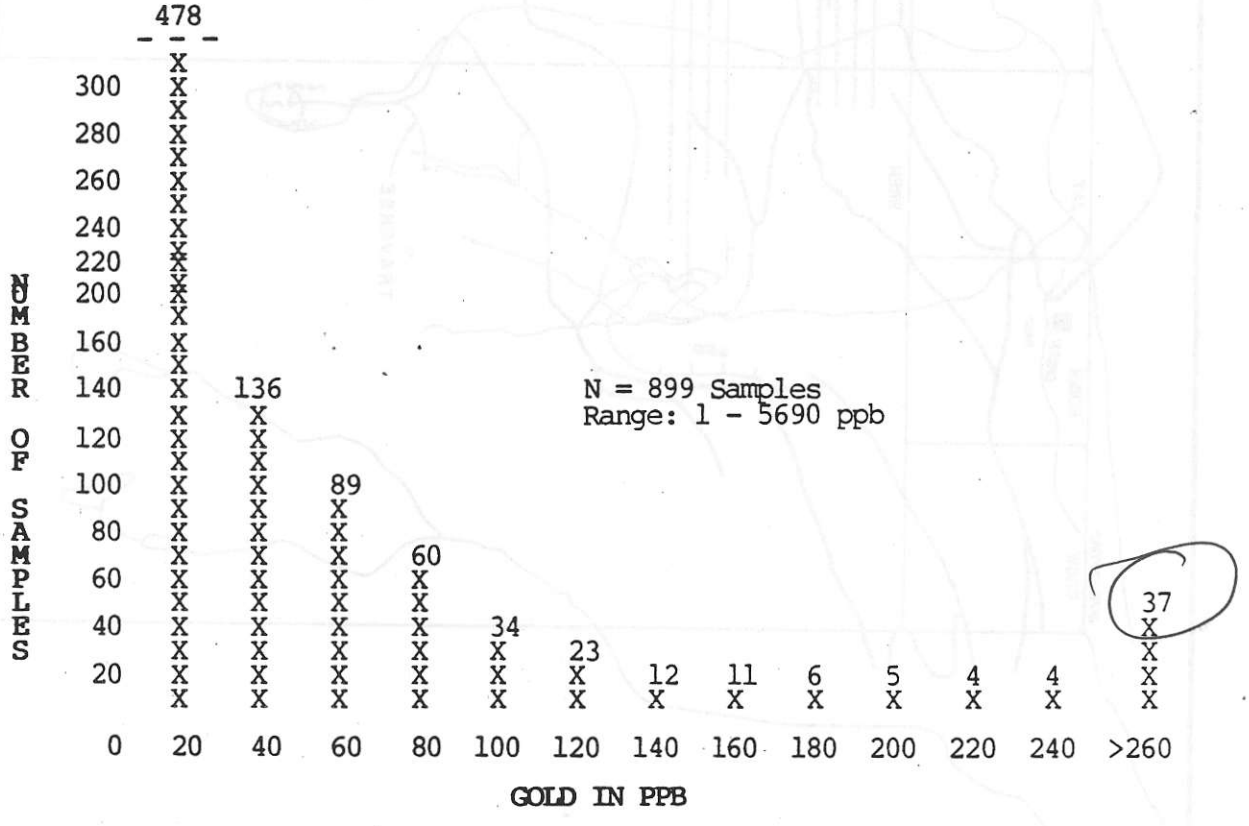
Several grid lines and roads were used to test the effectiveness of a ground magnetometer and VLF-EM surveys. Due to technical problems only a few lines were surveyed with the magnetometer; however, what information was obtained indicated that the magnetometer is useful is identifying changes in rock types. Several of the grid lines were surveyed with an EM 16 VLF-EM unit which, combined with geology,

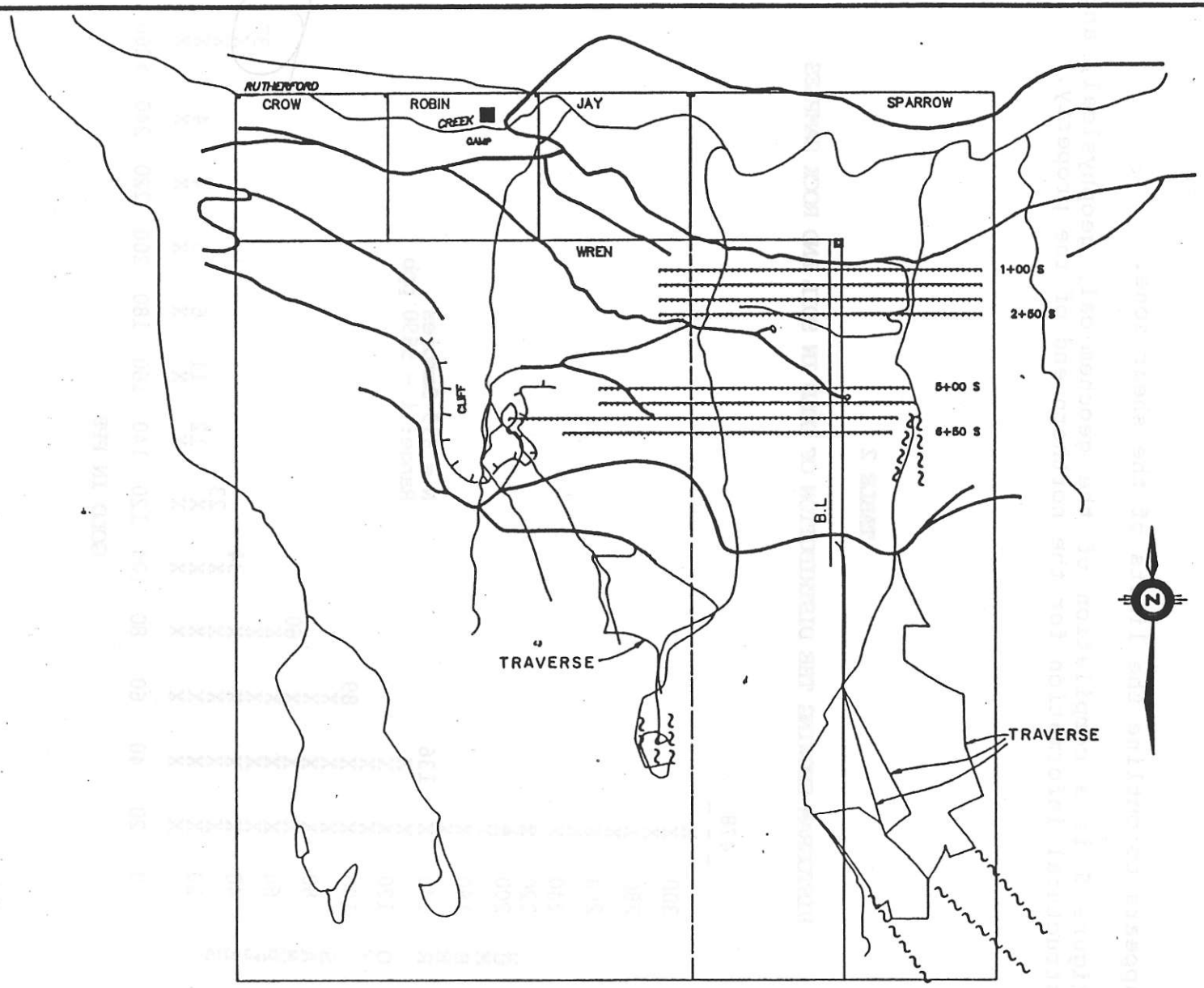
appears to outline the limits of the shear zone.

Figure 5 is a compilation of the geochemical, geophysical, and structural information for the northern end of the property.

TABLE 2

HISTOGRAM SHOWING THE DISTRIBUTION OF GOLD IN SOIL AND ROCK SAMPLES





CASTLE MINERALS INC.

WREN GROUP

LILLOOET MINING DIVISION, B.C. NTS: 92 J/9E, 7W

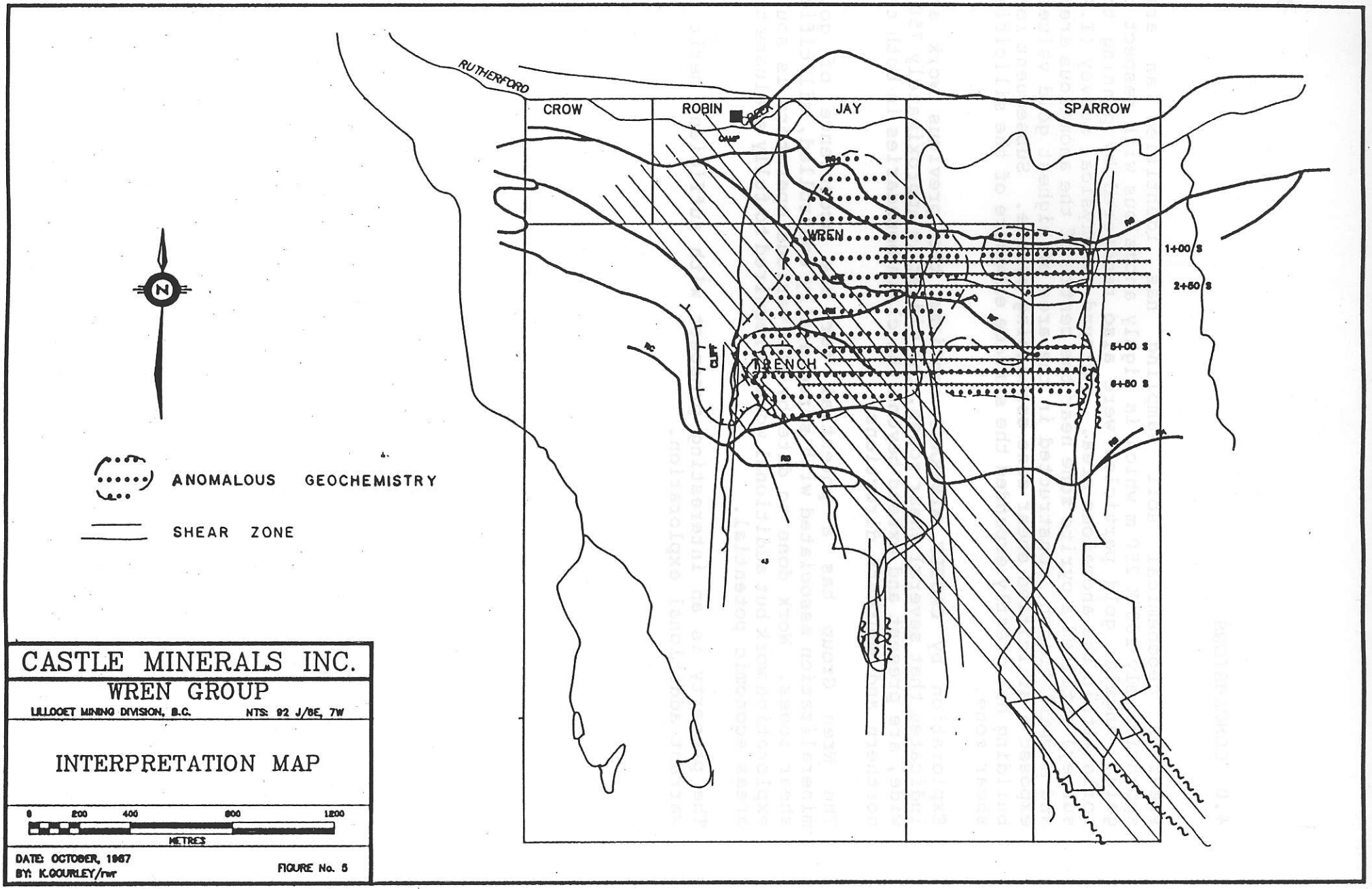
GRID PLAN AND SAMPLE LOCATIONS

SCALE 1:5000

DATE: OCTOBER, 1987

BY: K.GOURLEY/rw

FIGURE No. 4


RUTHERFORD
CROW
ROBIN
JAY
SPARROW
WREN
TRENCH
CLIFF
1+00 S
2+50 S
5+00 S
6+50 S
ANOMALOUS GEOCHEMISTRY
SHEAR ZONE
CASTLE MINERALS INC.
WREN GROUP
LILLOOET MINING DIVISION, B.C.
NTS: 92 J/6E, 7W
INTERPRETATION MAP
0 200 400 800 1200
METRES
DATE: OCTOBER, 1987
BY: K.GOURLEY/rwr
FIGURE No. 5

4.0 CONCLUSIONS

Previous geochemical soil sampling has identified an area approximately 200 X 250 m which is highly anomalous with respect to gold. Angular gold particles were also recovered by panning the soils within the anomalous area. A ground geophysical survey (I.P. survey) outlined a pyrite zone near the centre of the anomalous area, and a small trench, constructed in the area of highest gold values, exposed a silicified shear zone containing pyrite. Subsequent road building has greatly expanded the surface exposure of the silicified shear zone.

Exploration by **CASTLE MINERALS** confirms the previous work and indicates that several shear zones, the widest is approximately 750 m wide, are present and extend beyond the claim boundaries in both the northern and southern directions.

The Wren Group has a potential for the occurrence of gold mineralization associated with structurally controlled, silicified shear zones. Work done to date by the various operators is sound exploration work but additional work is required to fully evaluate the areas economic potential.

The property is an interesting prospect with sufficient merit to warrant additional exploration.

5.0 RECOMMENDATIONS

The first phase of the evaluation of the Wren Group should provide for 1) basic geologic information on rock types and structures, 2) determine the geological association between structural features and mineralization, 3) additional prospecting in areas of anomalous geochemical samples and along structural features, 4) additional geochemical sampling of soils and mineralized rocks surrounding areas underlain by shear zones, 5) to aid in geological interpretation, geophysical surveying for precise anomaly definition including rock types (ie contacts) and structural features. The objective of this exploration phase is, of course, to identify and adequately define target areas for subsequent drilling and trenching.

Procedures in the first phase of evaluation are for the most part self evident. However, particular attention should be paid to areas of silicification and structural features such as shear zones and shear directions. Since most horizons of potential interest are obscured by overburden, geophysical and geochemical surveying will likely be found to be a particularly valuable evaluation method.

Follow-up soil sampling on the Wren Claim Group should be analyzed for 31 elements using the ICP technique and gold by fire assay after pre-concentration. In the absence of outcrops, strongly anomalous conditions would constitute sufficient reason to consider drilling or trenching.

The estimated costs for Phase I and Phase II operations for the evaluation of the Property are as follows:

PHASE I COSTS:

- Geological Mapping, Prospecting	4,000
- Geophysical Surveys (ground Mag. & EM)	1,500
- Geochemical Surveys, Sampling	1,500
- Preliminary Diamond Drilling for Geological Information (457 m @ $92/m)	42,000
- Assaying	8,000
- Supervision	7,000
- Equipment Purchase & Rental	6,000
- Consulting, Compilation	4,000
- Drafting Services	1,000
- Food & Accommodations	4,000

- Vehicle, Travel, & Supplies	2,000
- Licenses & Fees	5,000
- Administration	5,000
Subtotal	$ 91,000
Contingencies (@ 10%)	9,000
- ESTIMATED TOTAL COST - PHASE I	**$100,000**

PHASE II COSTS:

The Phase II programme should consider the exploration and evaluation of the entire claim group. In this respect, a detailed, low-level airborne geophysical survey incorporating a high sensitivity cesium vapour magnetometer, a two frequency VLF-EM system and a three frequency electromagnetic system is recommended. This type of survey could separate rocks types, identify structural features, and outline silicified zones and areas of sulphide mineralization. A second phase of diamond drill programme should be split into two components, deposit definition and preliminary or scout drilling on secondary targets.

- Airborne geophysical Survey	$ 35,000
- Diamond Drilling (1500 m @ $90/m)	135,000
- Trenching, Sampling	12,000
- Geological Mapping, Logging	5,000
- Supervision	8,000
- Equipment Purchase & Rental	8,000
- Supplies	5,000
- Assaying	15,000
- Consulting, Compilation	4,000
- Drafting Services	4,000
- Food & Accommodations	5,500
- Communication	500
- Vehicle, Travel, & Supplies	5,000
- Licenses & Fees	5,000
- Administration	5,000
Subtotal	$252,000
Contingencies (@ 10%)	25,000
- ESTIMATED TOTAL COST - PHASE II	**$277,000**

A two phase programme is proposed which will require approximately one years for completion. The initial phase will consist of geological mapping, geochemical sampling and ground geophysics in selected areas for target identification. A preliminary drill programme is recommended for additional geological and structural information. The total cost of the phase is estimated at $100,000 and should take approximately one month to complete. The second phase will consist mainly of total property exploration, including a detailed airborne geophysical programme, and additional diamond drilling and is estimated to cost $277,000. However, the implementation of a Phase II programme is contingent on the successful completion of Phase I and an independent engineer's recommendation to proceed. Furthermore, successive work phases should be undertaken only if results of the previous phase are encouraging.

Respectfully submitted,

R.A. Gonzalez. M.Sc., F.G.A.C.
ARCHEAN ENGINEERING LTD.

6.0 REFERENCES

Cairnes, C.E., 1925; Pemberton area, Lillooet District, British Columbia: Geol. Surv. Can., Summary Report, 1924, Pt. A, p. 76-99.

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Woodsworth, G.J., 1977: Geology Pemberton (92J) map-area, Geol. Surv. Can., Open File 482.

Woodsworth, G.J., Pearson, D.E., and Sinclair, A.J., 1977: Metal distribution patterns across the eastern flank of the Coast Plutonic Coimplex, south-central British Columbia: Econ. Geol. v. 72, p. 170-183.

7.0 CERTIFICATE

I, R. A. Gonzalez, do hereby certify that:

1. I am a geologist and reside at 2784 Lawson Ave., West Vancouver, British Columbia.

2. I am a graduate of The University of New Mexico, U.S.A.; with a B.Sc. in geology (1965) and an M.Sc. in geology (1968).

3. I have practiced my profession since 1965 in Canada and abroad as indicated on the following page.

4. I am a Fellow in the Geological Association of Canada, Registration Number 4523.

5. I am a registered member of the Association of Professional Engineers of the Province of Manitoba, Registration Number 3970.

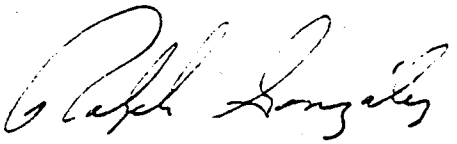
6. I have based this report on a personal examination of the property and on information obtained from the Geological Survey of Canada and engineering reports and other support documents provided by **CASTLE MINERALS INC.**

7. I have no interest, nor do I expect to receive any interest, either directly or indirectly in the securities or properties of **CASTLE MINERALS INC.**

8. I have no past or present, direct or indirect interest in any of the listed Mineral Claims or in any other property within the Lillooet Mining District.

9. This report may be used by **CASTLE RESOURCES LTD.** or their agents for a Statement of Material Facts or Shareholders' newsletter, etc. either in whole or in part.

Dated at Vancouver, British Columbia, this 29th day of January 29, 1988:



R. A. Gonzalez M.Sc., F.G.A.C.

8.0 STATEMENT OF PROFESSIONAL QUALIFICATIONS

R.A. GONZALEZ, M.Sc., F.G.A.C.

ACADEMIC

1965	B.Sc. in Geology	The University of New Mexico, U.S.A.
1968	M.Sc. in Geology	The University of New Mexico, U.S.A.

PROFESSIONAL

1984	Adder Exploration & levelopment Ltd.	President
1983	Archean Engineering Limited	Overseas Manager
1980-1983	Placer Development y Cia. Ltd. (Chile)	Ass't Exploration Manager
1977-1980	Consultant attached to the Geological Survey of Malaysia	Ass't Project Manager on a C.I.D.A. supported mineral exploration survey over Peninsular Malaysia
1977	Registered with the Association of Professional Engineers of the Province of Manitoba	
1975-1977	Province of Manitoba	Resident Geologist for the Manitoba Dept. of Mines.
1971-1975	Giant Mascot Mines Limited	Senior Geologist
1970-1971	New Jersey Zinc (Canada) Ltd.	Exploration Geologist
1968-1970	Anaconda American Brass Ltd.	Research Geologist
1965-1966	Mex-Tex Mining Co. (U.S.A)	Geologist

9.0 APPENDIX - ASSAY RESULTS

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. · V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: OCT 2 1987
DATE REPORT MAILED: Oct.10/87

GEOCHEMICAL ICP ANALYSIS

.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 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: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..... DEAN TOYE, CERTIFIED B.C. ASSAYER

CASTLE MINERALS File # 87-4636 Page 1

SAMPLE#	AG PPM	AU* PPB
L6+00S 7+60W	1.7	55
L6+00S 7+40W	1.7	68
L6+00S 7+20W	1.5	71
L6+00S 7+00W	.9	82
L6+00S 6+80W	1.2	49
L6+00S 6+60W	1.2	69
L6+00S 6+40W	1.8	42
L6+00S 6+20W	1.9	41
L6+00S 6+00W	1.5	47
L6+00S 5+80W	1.6	16
L6+00S 5+60W	.7	34
L6+00S 5+40W	.8	8
L6+00S 5+20W	.9	1
L6+00S 5+00W	.7	93
L6+00S 4+80W	.9	49
L6+00S 4+60W	1.2	44
L6+00S 4+40W	1.3	690
L6+00S 4+20W	.5	43
L6+00S 4+00W	.5	77
L6+00S 3+80W	2.7	102
L6+00S 3+60W	.3	25
L6+00S 3+40W	.2	19
L6+00S 3+20W	.4	27
L6+00S 3+00W	.5	12
L6+00S 2+80W	.1	1
L6+00S 2+60W	.2	40
L6+00S 2+40W	1.0	69
L6+00S 2+20W	.8	50
L6+00S 0+20E	.6	440
L6+00S 0+40E	.6	43
L6+00S 0+60E	.5	130
L6+00S 0+80E	.6	530
L6+00S 1+00E	.4	32
L6+00S 1+20E	.6	640
L6+00S 1+40E	.6	93
L6+00S 1+60E	.5	24
STD C/AU-S	7.1	52

SAMPLE#	AG PPM	AU* PPB
L6+00S 1+80E	.4	109
L6+00S 2+00E	.4	185
BL 650S	.2	62
L650S 20E	.1	32
L650S 40E	.4	114
L650S 60E	.4	43
L650S 80E	.5	21
L650S 100E	.6	33
L650S 120E	.3	74
L650S 140E	.2	31
L650S 160E	.4	1
L650S 180E	.4	12
L650S 200E	.5	23
L650S 210E	.4	1
STD C/AU-S	6.8	50

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: OCT 2 1987
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: Oct. 20/87

GEOCHEMICAL ANALYSIS CERTIFICATE

P - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE 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: P1 - B... SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..... DEAN TOYE, CERTIFIED B.C. ASSAYER

CASTLE MINERALS Bx File # 87-4566 Page 1

SAMPLE#	AG PPM	AU* PPB
RD 800W	.1	3
RD 780W	.2	12
RD 760W	.2	5
RD 740W	.3	2080
RD 720W	.8	79
RD 700W	.1	15
RD 680W	1.7	5
RD 660W	.5	1
RD 640W	.1	1
RD 620W	.2	13
RD 600W	.4	1
RD 580W	.4	8
RD 560W	.2	1
RD 540W	.1	4
RD 520W	.7	2
RD 500W	.6	2
RD 480W	3.3	25
RD 460W	1.6	17
RD 440W	.6	9
RD 420W	.2	4
RD 400W	.3	12
RD 380W	.1	9
RD 360W	.1	8
RD 340W	.1	7
RD 320W	.6	14
RD 300W	.2	5
RD 280W	.4	10
RD 260W	.4	2
RD 240W	.7	68
RD 220W	.8	32
RD 200W	.2	153
RD 180W	.5	38
RD 160W	.7	11
RD 140W	.9	44
RD 120W	.3	57
RD 100W	.1	80
STD C/AU-S	7.5	49

SAMPLE#	AG PPM	AU* PPB
RD 80W	1.3	43
RD 60W	.4	32
RD 40W	1.2	25
RD 20W	.8	40
RD 00W	.7	21
RJ 80E	1.1	1
RJ 80EA	.5	10
RJ 100E	.9	1
RJ 120E	.3	1
RJ 140E	.2	1
RJ 160E	.2	3
RJ 180E	.4	1
RJ 200E	.5	2
RJ 220E	.5	22
RJ 240E	.4	1
RJ 260E	.4	8
RJ 280E	.1	9
RJ 300E	1.3	44
RJ 320E	.9	40
RJ 360E	1.4	101
RJ 380E	.3	40
RJ 400E	.6	78
RJ 420E	2.0	70
RJ 440E	.2	65
RJ 460E	.4	1
RJ 480E	.3	1
RK 20E	1.7	1
RK 40E	.5	58
RK 60E	2.1	64
RK 80E	.8	240
RK 100E	.6	80
RK 120E	1.3	650
RK 140E	1.2	66
RK 160E	.2	35
RK 180E	.7	46
RK 200E	1.0	25
STD C/AU-S	7.4	50

SAMPLE#	AG PPM	AU* PPB
RK 220E	.9	85
RK 240E	.4	12
RK 260E	.5	15
RK 270E	.7	1
RU 740W	.1	1
RU 720W	.1	1
RU 700W	.1	3
RU 680W	.1	1
RU 660W	.1	2
RU 640W	.1	1
RU 620W	.2	1
RU 600W	.1	1
RU 580W	.1	2
RU 560W	.1	2
RU 540W	.2	1
RU 520W	.1	1
RU 500W	.1	1
RU 480W	.3	1
RU 460W	.1	2
RU 440W	.1	1
RU 420W	.1	1
RU 400W	.1	1
RU 380W	.1	1
RU 360W	.2	6
RU 340W	.1	1
RU 320W	.2	63
RU 300W	.1	1
RU 280W	.5	26
RU 260W	.1	1
RU 240W	.2	48
RU 220W	.4	44
RU 200W	.4	1255
RU 180W	.5	25
RU 140W	.7	35
RU 120W	.8	21
RU 100W	.5	165
STD C/AU-S	7.4	48

SAMPLE#	AG PPM	AU* PPB
RU 80W	.5	13
RU 60W	.6	70
RU 40W	.6	15
L5+00S 7+60W	.2	59
L5+00S 7+40W	.5	25
L5+00S 7+20W	.8	9
L5+00S 7+00W	1.2	8
L5+00S 6+80W	.8	76
L5+00S 6+60W	.5	47
L5+00S 6+40W	.9	82
L5+00S 6+20W	1.5	345
L5+00S 6+00W	.4	25
L5+00S 5+80W	.2	590
L5+00S 5+60W	.6	9
L5+00S 5+40W	.4	31
L5+00S 5+20W	.2	1
L5+00S 5+00W	.4	4
L5+00S 4+80W	.1	156
L5+00S 4+60W	1.1	190
L5+00S 4+40W	.3	64
L5+00S 4+20W	.7	11
L5+00S 4+00W	.2	2
L5+00S 3+80W	.4	15
L5+00S 3+60W	.3	10
L5+00S 3+40W	.1	35
L5+00S 3+20W	.2	17
L5+00S 3+00W	.1	4
L5+00S 2+80W	.3	1845
L5+00S 2+60W	.4	103
L5+00S 2+40W	.6	3
L5+00S 2+20W	.2	9
L5+00S 2+00W	.1	1260
L5+00S 1+80W	.1	14
L5+00S 1+80W A	.8	12
L5+00S 1+60W	.1	19
L5+00S 1+40W	.5	52
STD C/AU-S	7.5	48

SAMPLE#	AG PPM	AU* PPB
L5+00S 1+20W	.3	13
L5+00S 1+00W	.3	1
L5+00S 0+80W	.7	1
L5+00S 0+60W	.8	1
L5+00S 0+40W	.5	9
L5+00S 0+20W	.9	3
L5+00S 0+00W BL	.9	1
L5+00S 0+00W A	.2	40
L5+00S 0+00W B	.5	1
L5+00S 0+20E	.9	1
L5+00S 0+40E	.1	1
L5+00S 0+60E	.5	41
L5+00S 0+80E	.3	26
L5+00S 0+120E	.1	10
L5+00S 1+00E	.1	1
L5+00S 1+20E	.1	6
L5+00S 1+40E	.5	1
L5+00S 1+60E	.3	1
L5+00S 1+80E	.3	21
L5+00S 2+00E	.6	7
L5+00S 2+20E	.4	49
L5+00S 2+40E	.3	9
L5+50S 7+60W	.5	14
L5+50S 7+40W	.5	28
L5+50S 7+20W	.8	10
L5+50S 6+80W	1.8	45
L5+50S 6+60W	.7	53
L5+50S 6+40W	2.2	145
L5+50S 6+00W	.6	9
L5+50S 5+60W	.5	14
L5+50S 5+40W	1.1	1
L5+50S 5+00W	1.7	1
L5+50S 4+80W	.1	44
L5+50S 4+60W	.3	86
L5+50S 4+40W	.5	147
L5+50S 4+20W	.5	280
STD C/AU-S	7.1	52

SAMPLE#	AG PPM	AU* PPB
L5+50S 4+00W	.3	56
L5+50S 3+80W	.1	32
L5+50S 3+60W	1.5	375
L5+50S 3+40W	.1	250
L5+50S 3+20W	.2	220
L5+50S 3+00W	1.9	33
L5+50S 2+80W	.2	23
L5+50S 2+60W	.1	26
L5+50S 2+40W	.6	151
L5+50S 2+40W A	.4	18
L5+50S 2+20W	.7	2
L5+50S 2+00W	.4	88
L5+50S 1+80W	.9	33
L5+50S 1+60W	1.2	14
L5+50S 1+40W	.2	3
L5+50S 1+20W	.4	28
L5+50S 0+20E	.7	56
L5+50S 0+40E	.7	131
L5+50S 0+60E	.9	110
L5+50S 0+80E	.1	15
L5+50S 1+00E	.4	17
L5+50S 1+20E	.1	2385
L5+50S 1+40E	.4	250
L5+50S 1+60E	.1	24
L5+50S 1+80E	.5	52
L5+50S 2+00E	1.5	64
L5+50S 2+20E	.3	580
L5+50S 2+60E	1.9	15
L600S 1120W	1.5	145
L600S 1100W	1.7	123
L600S 1080W	1.8	64
L600S 1060W	1.1	62
L600S 1040W	3.0	104
L600S 1020W	1.6	5
L600S 1000W	27.7	3
L600S 980W	1.8	8
STD C/AU-S	7.5	49

SAMPLE#	AG PPM	AU* PPB
L600S 960W	.5	3
L600S 940W	1.0	6
L600S 920W	2.1	5
L600S 900W	.7	2
L600S 880W	.7	1
L600S 860W	.9	3
L600S 840W	.3	2
L600S 820W	.1	1
L600S 800W	1.0	5
L600S 780W	.1	385
L650S 840W BL	.2	47
L650S 820W	.3	33
L650S 800W	.4	8
L650S 780W	.3	4
L650S 760W	.4	1
L650S 740W	.3	36
L650S 720W	.2	20
L650S 700W	.8	15
L650S 680W	.3	1
L650S 660W	.3	2
L650S 640W	.5	1
L650S 620W	.2	1
L650S 600W	1.0	1
L650S 580W	.1	1
L650S 560W	.2	1
L650S 540W	.2	2
L650S 520W	1.0	105
L650S 500W	.5	26
L650S 480W	.5	6
L650S 460W	.6	9
L650S 440W	2.2	1
L650S 420W	.4	45
L650S 400W	.4	24
L650S 380W	.2	1
L650S 360W	.1	19
L650S 340W	.3	26
STD C/AU-S	7.2	48

SAMPLE#	AG PPM	AU* PPB
L650S 320W	.2	17
L650S 300W	.1	1
L650S 280W	.1	22
L650S 260W	.1	62
L650S 240W	.3	10
L650S 220W	1.2	8
L650S 200W	.4	55
L650S 180W	1.0	29
L650S 160W	.3	11
L650S 140W	1.2	395
L650S 120W	.2	17
L650S 100W	.1	152
L650S 80W	.5	98
L650S 60W	.2	37
L650S 40W	.3	67
L650S 20W	.5	3
L650S BLI	.7	136
2401A GOUGE E	.3	53
2401B GOUGE W	.2	5
2403	.2	39
92202A	1.0	96
STD C/AU-S	7.2	52

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 18 1987
DATE REPORT MAILED: Sept. 29/87

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-7 SOIL P8-ROCK

ASSAYER: .. D. Toye /DEAN TOYE, CERTIFIED B.C. ASSAYER

CASTLE MINERALS File # 87-4266 Page 1

SAMPLE#	AG PPM	AU PPB
L100S 500W	.3	12
L100S 480W	.3	2
L100S 460W	.1	32
L100S 440W	.3	1
L100S 420W	.4	1
L100S 400W	.1	1
L100S 380W	.1	60
L100S 360W	.5	11
L100S 340W	.3	5
L100S 320W	.8	139
L100S 300W	.4	1010
L100S 280W	.4	117
L100S 260W	.5	48
L100S 240W	.3	14
L100S 220W	.2	45
L100S 200W	1.0	4
L100S 180W	.2	1
L100S 160W	.2	144
L100S 140W	.2	47
L100S 120W	.1	26
L100S 100W	.1	112
L100S 80W	.1	49
L100S 60W	.1	55
L100S 40W	.1	92
L100S 20W	.3	66
L100S 00E	.1	35
L100S 20E	.2	11
L100S 40E	.3	29
L100S 60E	.2	1
L100S 80E	.3	82
L100S 100E	.5	41
L100S 120E	.5	129
L100S 140E	.3	15
L100S 160E	.1	15
L100S 180E	.5	18
L100S 200E	.9	81
STD C/AU-S	7.0	52

SAMPLE#	AG PPM	AU PPB
L100S 220E	.4	21
L100S 240E	.1	27
L100S 260E	.2	13
L100S 280E	.1	34
L100S 300E	.1	116
L100S 320E	.1	24
L100S 340E	.1	30
L100S 360E	.2	15
L100S 380E	.1	1
L100S 400E	.6	5
L100S 420E	.2	70
L100S 440E	.2	20
L150S 500W	.1	2
L150S 480W	.1	5
L150S 460W	.1	6
L150S 440W	.3	28
L150S 420W	.2	36
L150S 400W	.1	29
L150S 380W	.4	63
L150S 360W	.1	27
L150S 340W	.3	11
L150S 320W	.1	5
L150S 300W	.2	121
L150S 294W SILT	1.3	167
L150S 280W	.1	113
L150S 260W	.1	5
L150S 240W	.3	6
L150S 220W	.2	5
L150S 200W	.2	6
L150S 180W	.1	65
L150S 160W	.3	2
L150S 140W	.1	1
L150S 120W	.1	6
L150S 100W	.1	5
L150S 80W	.4	89
L150S 60W	.2	5
STD C/AU-S	7.4	53

SAMPLE#	AG PPM	AU PPB
L150S 40W	.3	13
L150S 20W	.7	26
L150S 00W	.4	62
L150S 00E	.2	35
L150S 20E	.3	15
L150S 40E	.1	2
L150S 60E	.1	10
L150S 80E	.1	36
L150S 100E	.5	305
L150S 120E	.3	87
L150S 140E	.4	13
L150S 160E	.5	16
L150S 200E	.3	2
L150S 220E	.2	69
L150S 240E	.4	21
L150S 260E	.3	112
L150S 280E	.1	8
L150S 300E	.5	1
L150S 320E	.2	15
L150S 340E	.4	11
L150S 360E	.2	32
L150S 380E	.3	1
L150S 400E	.2	6
L150S 420E	.1	3
L150S 440E	.1	1
L200S 00E	.3	210
L200S 20E	.1	1
L200S 40E	.2	19
L200S 60E	.9	570
L200S 80E	.1	9
L200S 100E	.2	6
L200S 120E	.1	25
L200S 140E	.3	16
L200S 160E	.1	1
L200S 180E	.3	330
L200S 200E	.2	2
L200S 220E	.1	13
STD C/AU-S	6.9	48

SAMPLE#	AG PPM	AU PPB
L200S 240E	.3	20
L200S 260E	.1	34
L200S 280E	.2	32
L200S 300E	.4	22
L200S 320E	.3	13
L200S 340E	.1	9
L200S 360E	.1	13
L200S 380E	.3	1
L200S 400E	.2	3
L200S 420E	.2	26
STD C/AU-S	7.0	48
L200S 440E	.2	46
L200S 460E	.1	30
L200S 480E	.1	13
L200S 500E	.1	3
L250S 500W	.1	67
L250S 480W	.1	7
L250S 460W	.1	4
L250S 440W	.5	7
L250S 420W	.3	8
L250S 400W	.1	1
L250S 380W	.1	16
L250S 340W	.6	89
L250S 320W	.1	8
L250S 300W	.1	43
L250S 280W	.1	5
L250S 260W	.2	2
L250S 240W	.1	1
L250S 220W	.2	29
L250S 200W	.3	1
L250S 180W	.1	1
L250S 160W	.2	5
L250S 140W	.3	7
L250S 120W	.2	18
L250S 100W	.1	4
L250S 80W	.1	1
L250S 60W	.4	2

SAMPLE#	AG PPM	AU PPB
L250S 40W	.1	16
L250S 20W	.4	22
L250S 00E	1.5	28
L250S 20E	.7	12
L250S 40E	.2	25
L250S 60E	.3	1
L250S 80E	.6	60
L250S 100E	.6	47
L250S 120E	.5	13
L250S 140E	.3	18
L250S 160E	.1	10
L250S 180E	3.5	11
L250S 200E	.6	610
L250S 220E	.9	6
L250S 240E	1.1	24
L250S 260E	.5	10
L250S 280E	.1	6
L250S 300E	.1	1
L250S 320E	.1	1
L250S 340E	.2	70
L250S 360E	.1	11
L250S 380E	.3	3
L250S 400E	.5	21
L250S 420E	.1	2
L250S 440E	.5	1
L250S 460E	.1	1
L250S 480E	.3	1
L250S 500E	.1	13
RG 620E	.3	81
RG 640E	.5	67
RG 660E	.1	1
RG 680E	.2	37
RG 700E	.9	21
RG 720E	.7	1
RG 740E	.3	15
RG 760E	.1	2
STD C/AU-S	6.9	49

SAMPLE#	AG PPM	AU PPB
RG 780E	.2	59
RG 800E	.5	60
RG 820E	.1	58
RG 840E	.8	24
RG 860E	.1	68
RG 880E	.1	62
RG 900E	.1	36
RG 920E	1.6	31
RG 940E	.4	4
RG 960E	.3	47
RG 980E	1.0	18
RG 1000E	.4	4
RG 1020E	.3	13
RG 1040E	.2	5
RG 1060E	.2	105
RG 1080E	.3	16
RG 1100E	.4	45
RG 1120E	.3	18
RG 1140E	.2	25
RG 1160E	.3	8
RG 1180E	.1	58
RG 1200E	.1	68
RG 1220E	.5	12
RG 1240E	.4	18
RG 1260E	.1	6
RG 1280E	.3	2
RG 1300E	.1	1
RG 1320E	.2	22
RG 1340E	.1	1
RG 1360E	.2	2
RG 1380E	.2	1
RG 1400E	.1	12
RG 1420E	.3	5
RG 1440E	.3	28
RG 1460E	.2	18
RG 1480E	.2	6
STD C/AU-S	7.1	49

SAMPLE#	AG PPM	AU PPB
RG 1500E	.1	13
RG 1520E	.1	21
RG 1540E	.1	16
RG 1560E	.1	25
RG 1580E	.1	13
RG 1600E	.1	11
RG E MIDDLE	.1	42
RG 760+740 MIDDLE	.1	1
RH 00E	.3	14
RH 20E	.1	11
RH 40E	.2	5
RH 60E	6.6	12
RH 80E	.1	3
RH 100E	.1	5
RH 120E	.1	6
RH 140E	.1	8
RH 160E	.2	5
RH 180E	.2	10
RH 200E	.2	27
RH 220E	.1	9
RH 240E	.1	12
RH 260E	.3	5
RH 280E	.4	2
RH 300E	.1	14
6-4-87 SILT	1.3	29
6-6-87 SILT	.1	23
6-7-87 SILT	1.0	13
6-8-87 SILT	.5	5
SPARROW 386E SILT	.1	1
STD C/AU-S	7.2	51

SAMPLE	Ag ppm	Au* ppb
R6-1-87	.4	5690

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: SEPT 13 1987
DATE REPORT MAILED: Sept. 23/87

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-6 SOIL P7-SILT P8-ROCK P9-HM CONC. AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..D. Toye/ DEAN TOYE, CERTIFIED B.C. ASSAYER

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SAMPLE#	AG PPM	AU* PPB
MR 1760W	1.1	1
MR 1700W	.1	1
MR 1660W	.6	2
MR 1620W	1.1	1
MR 1560W	.7	13
MR 1520W	.3	2
MR 1480W	.2	3
MR 1440W	1.4	94
MR 1400W	1.8	9
MR 1340W	1.0	28
MR 1300W	.7	15
MR 1260W	.5	66
MR 1220W	.5	5
MR 1180W	.6	33
MR 1140W	.7	4
MR 1100W	1.1	30
0+1060	1.5	4
0+1020	.7	23
0+980	1.0	6
0+940	.6	7
0+900	2.0	2
0+860	.2	7
0+840	1.7	6
0+800	.3	10
0+760	2.0	1
0+730	.7	52
0+700	3.5	165
0+660	1.3	29
0+620	1.0	46
0+580	1.0	9
0+540	.3	12
0+500	.9	32
0+470	.6	35
0+420	.4	47
0+394	.6	785
0+360	.6	135
STD C/AU-S	6.9	52

SAMPLE#	AG PPM	AU* PPB
0+320	.4	61
0+240	.4	1
0+200	.7	2
0+172	.5	4
0+100	.6	12
0+80	.2	1
0+40	.7	6
RA 220E	.3	7
RA 260E	.2	16
RB 120E	.3	53
RB 140E	.3	7
RB 160E	.2	23
RB 180E	.4	73
RE 1000W	.5	7
RE 980W	.8	2
RE 960W	.2	1
RE 940W	.2	1
RE 920W	.2	1
RE 900W	.2	1
RE 880W	.3	1
RE 860W	.3	4
RE 840W	.4	1
RE 820W	.1	1
RE 800W	.3	1
RE 780W	2.6	50
RE 760W	.9	21
RE 740W	.6	74
RE 720W	.7	2
RE 700W	.4	1
RE 680W	.2	2
RE 660W	.2	7
RE 640W	.8	1
RE 620W	.5	49
RE 600W	1.5	46
RE 580W	.1	3
RE 560W	.9	8
STD C/AU-S	6.9	49

SAMPLE#	AG PPM	AU* PPB
RE 540W	.7	5
RE 520W	1.3	15
RE 500W	.7	2
RE 480W	1.5	4
RE 460W	.3	8
RE 440W	.8	62
RE 420W	.8	31
RE 400W	.7	84
RE 380W	1.3	87
RE 360W	4.7	325
RE 340W	.4	75
RE 320W	1.4	112
RE 300W	1.6	121
RE 280W	.9	86
RE 260W	.4	95
RE 240W	.6	55
RE 220W	.8	51
RE 200W	.5	9
RE 180W	1.6	159
RE 160W	3.3	480
RE 140W	.9	91
RE 120W	.9	320
RE 100W	.8	250
RE 80W	1.2	73
RE 60W	.5	191
RE 40W	.2	34
RE 20W	.6	57
RE 00W	.4	630
RE 00E	1.3	14
RE 20E	3.6	9
RE 40E	.9	59
RE 60E	1.1	22
RE 80E	.7	40
RE 100E	1.3	47
RE 120E	.8	39
RE 140E	1.5	111
STD C/AU-S	7.1	51

SAMPLE#	AG PPM	AU* PPB
RE 160E	1.3	42
RE 180E	1.2	123
RE 200E	1.8	80
RE 220E	.7	76
RE 240E	1.2	58
RE 260E	.6	43
RE 280E	.4	67
RE 300E	.4	60
RE 320E	.6	29
RE 340E	1.9	36
RE 360E	.6	64
RE 380E	.6	98
RE 400E	1.2	310
RE 420E	.7	38
RE 440E	.4	135
RE 460E	.5	46
RE 480E	1.4	240
RE 500E	.5	280
RE 520E	.3	355
RE 540E	.3	96
RF 00	.8	107
RF 20E	.5	955
RF 40E	.7	112
RF 60E	.4	21
RF 80E	.8	15
RF 100E	.5	73
RF 120E	.4	9
RF 140E	.1	14
RF 160E	.1	20
RF 180E	.2	32
RF 200E	.6	15
RG 00	.9	24
RG 20E	.6	28
RG 40E	.5	7
RG 60E	.6	3
RG 80E	.4	5
STD C/AU-S	7.1	50

SAMPLE#	AG PPM	AU* PPB
RG 100E	.2	4
RG 120E	.6	34
RG 140E	.8	59
RG 160E	.8	46
RG 180E	1.2	37
RG 200E	1.9	71
RG 220E	2.0	67
RG 240E	2.3	58
RG 260E	2.3	74
RG 280E	.7	53
RG 300E	.3	45
RG 310E	.6	46
RG 320E	1.1	1010
RG 340E	2.1	39
RG 360E	.5	62
RG 380E	1.1	55
RG 400E	.5	8
RG 420E	1.3	73
RG 440E	.4	45
RG 460E	.3	95
RG 480E	.6	22
RG 500E	.4	43
RG 520E	.4	14
RG 540E	.6	36
RG 560E	.5	56
RG 580E	.4	185
RG 600E	.5	245
SL 2	1.1	20
SL 3	2.3	185
SL 4	.9	113
6-3 87	.3	12
6-31 87	.6	9
6-32 87	2.4	11
6-33 87	.9	7
6-35 87	.2	2
6-39 87	.4	8
STD C/AU-S	7.0	49

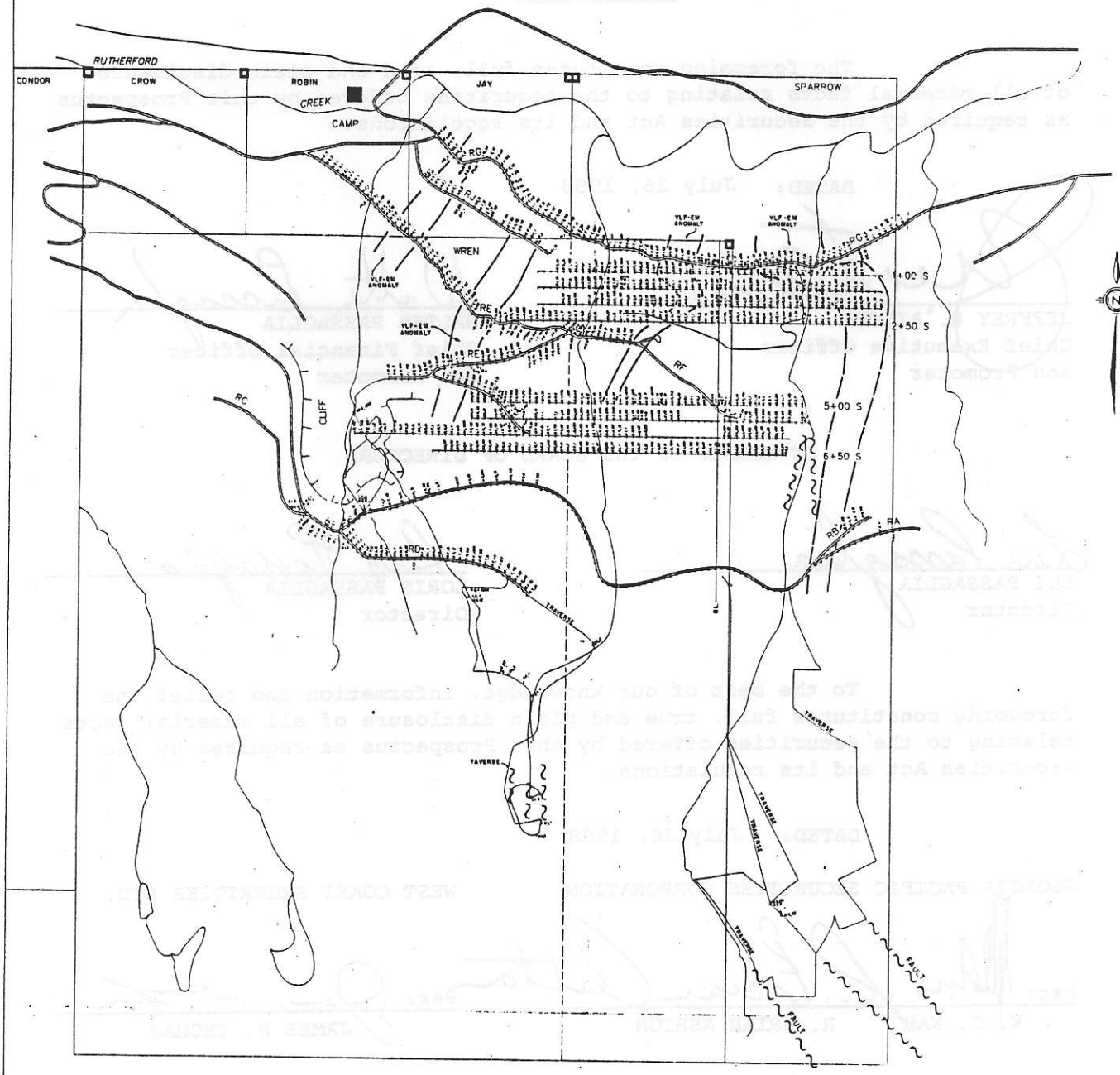
SAMPLE#	AG PPM	AU* PPB
6-40 87	.1	1
6-41 87	.4	6

SAMPLE#	AG PPM	AU* PPB
MR 1580 P	1.1	1
MR 1720 P	.4	6
MR 1780 P	.9	1
RE 910W P	.1	1
RE 810W P	.3	8
RE 750W P	.1	1
RE 250W P	.2	152
RE 210W P	.1	63
RE 200E P	1.0	41
RF 20E P	.2	23
RF 63E P	.2	37
RG 65E P	.3	3
RG 505E P	.1	1
RG 540E P	.3	51
SL 1 P	1.1	30
SL 5 P	1.0	118
SL 6+200 P	1.4	27
6-2-87 P	1.0	7
6-5-87 P	.3	4
6-30-87 P	.4	22
8-1-87 P	.1	1
0+132 P	.2	12
0+264 P	.6	23
STD C/AU-S	7.2	52

P- 20 MESH, PULVERIZED

SAMPLE#	AG PPM	AU* PPB
8-1-87R	.2	12
630	.1	1
GG 1	.4	490
GG 2	.2	21
GG 3	3.2	44
MR 1780	.8	1
MR 1810	.8	1
M.RD.	.1	2
RX 6-9-87	.6	265
RX 6-10-87	.1	3
S.R.	.5	22
CR 1 FLOAT	30.8	1895
ROCK 1 RE 160E	.3	69
ROCK 2 RE 520E	.2	19
ROCK 3 RE 520E	.2	4
ROCK 4 RE 520E	.1	715
RSL 7	.6	142
RSL 8	.4	15
RSL 9	.4	5
RSL 10	.7	26
CHERT 0+132	.1	2
R 0+132	3.1	82
RMR 1780	.6	1
RMR 1440	.3	26
R 1400W	.8	2
STD C/AU-R	7.1	490

SAMPLE#	AG PPM	AU* PPB
0+132	.4	1
0+394	.4	12



LEGEND

SOIL SAMPLE TAKEN ALONG ROAD
Ag ppm, Au ppb

GRID SOIL SAMPLE Ag ppm, Au ppb

CASTLE MINERALS INC.
WREN GROUP
LILLOOET MINING DIVISION B.C. NTS 92 J/8E, 1W

GRID PLAN AND
SAMPLE LOCATIONS

SCALE 1:5000

DATE OCTOBER 1987
BY R.COURTEAU

CERTIFICATES

The foregoing consitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

DATED: July 26, 1988

JEFFREY H. AITKEN
Chief Executive Officer
and Promoter

WALTER PASSAGLIA
Chief Financial Officer
and Promoter

ON BEHALF OF THE BOARD OF DIRECTORS

LUI PASSAGLIA
Director

LORIS PASSAGLIA
Director

To the best of our knowledge, information and belief the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by the Securities Act and its regulations.

DATED: July 26, 1988

GEORGIA PACIFIC SECURITIES CORPORATION

Per: K. C. KAM R. BRIAN ASHTON

WEST COAST SECURITIES LTD.

Per: JAMES H. THOMAS