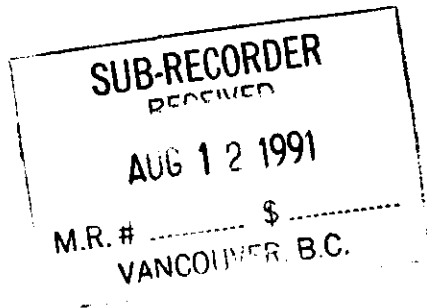


**GEOCHEMICAL  
ASSESSMENT REPORT**

**GARD CLAIM GROUP**

Consisting  
of

GARD 2 - 4,  
GARD 6 - 11,  
GARD 14 & 15



**BUTE INLET AREA**

**NTS MAP 92K/11E**

Latitude: 50 33'  
Longitude: 125 08'

by

Jay W. Page BA.,BSc.,F.G.A.C.

**WESTEX EXPLORATION LTD.**  
515 -510 West Hastings Street  
Vancouver, B.C.

21508

LOG NO	AUG 10 1991	RD.
ACTION:		
FILE NO:	1 /	

**CONTENTS**

1. INTRODUCTION	
2. LOCATION & ACCESS	2
3. PHYSIOGRAPHY	2
4. CLAIM DATA	2
5. GEOLOGY	
5.1 REGIONAL GEOLOGY	5
5.2 PROPERTY GEOLOGY	7
6. PREVIOUS WORK	7
7. WORK CARRIED OUT	8
8. PROGRAM RESULTS	8
9. CONCLUSIONS & RECOMMENDATIONS	9
10. REFERENCES	10
11. COST STATEMENT	11
12. CERTIFICATE	12

**TABLES**

TABLE 1 - CLAIM DATA	5
----------------------	---

**FIGURES**

FIGURE 1 LOCATION MAP	3
FIGURE 2 CLAIM MAP - GARD CLAIMS	4
FIGURE 3 GARD 3 & 4 - GEOCHEMISTRY	Pocket
FIGURE 4 GARD 2 & 11 - GEOCHEMISTRY	Pocket
FIGURE 5 GARD 6, 7 & 8 - GEOCHEMISTRY	Pocket

**APPENDIX**

APPENDIX I ANALYTICAL RESULTS	13
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**21.585**

## **1. INTRODUCTION**

The Gard claim group is comprised of 11 claims for a total of 100 units. The claim group is located on the west side of the Bute Inlet near Moh Creek. Access to the property is by boat, helicopter or airplane .

A stream sediment sampling and prospecting program was carried out on the Gard claim group in July and September, 1990. The objective of this program was to follow up anomalous stream sediment samples collected in May, 1990 and to evaluate the volcanogenic massive sulphide potential of Gambier Group rocks covered by the claim group. The program was contracted to Westex Exploration Ltd. by 381317 B.C. LTD.

The program was successful in identifying mineralization which generated some of the stream sediment anomalies found in May, 1990. Several other areas of anomalous stream geochemistry were also located. A follow-up program of detailed geological mapping and litho-geochemistry is recommended for three areas of the claim group.

## **2. LOCATION & ACCESS**

The Gard claim group is located on the west side of Bute Inlet, where it covers the western part of Moh Creek valley. This area is approximately 50 km north-northeast of the regional service centre of Campbell River on Vancouver Island.

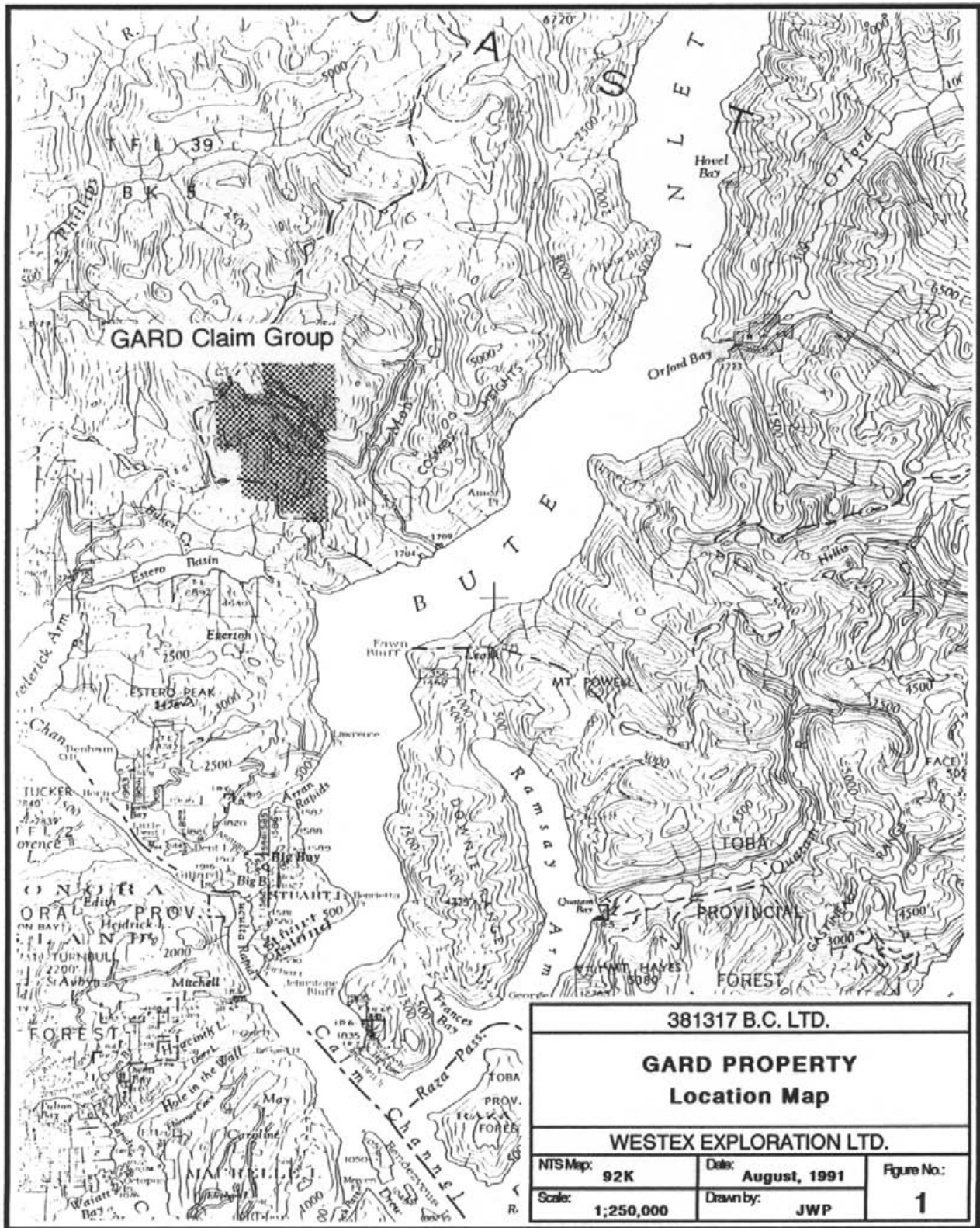
Access to the property is by boat, helicopter or airplane from Campbell River. Port Neville Logging Company conducts logging operations in the Moh Creek Valley and they maintain a logging camp with an airstrip on Bute Inlet. A network of logging roads exists in Moh Creek valley, providing good access to all of the lower elevation areas of the claim group.

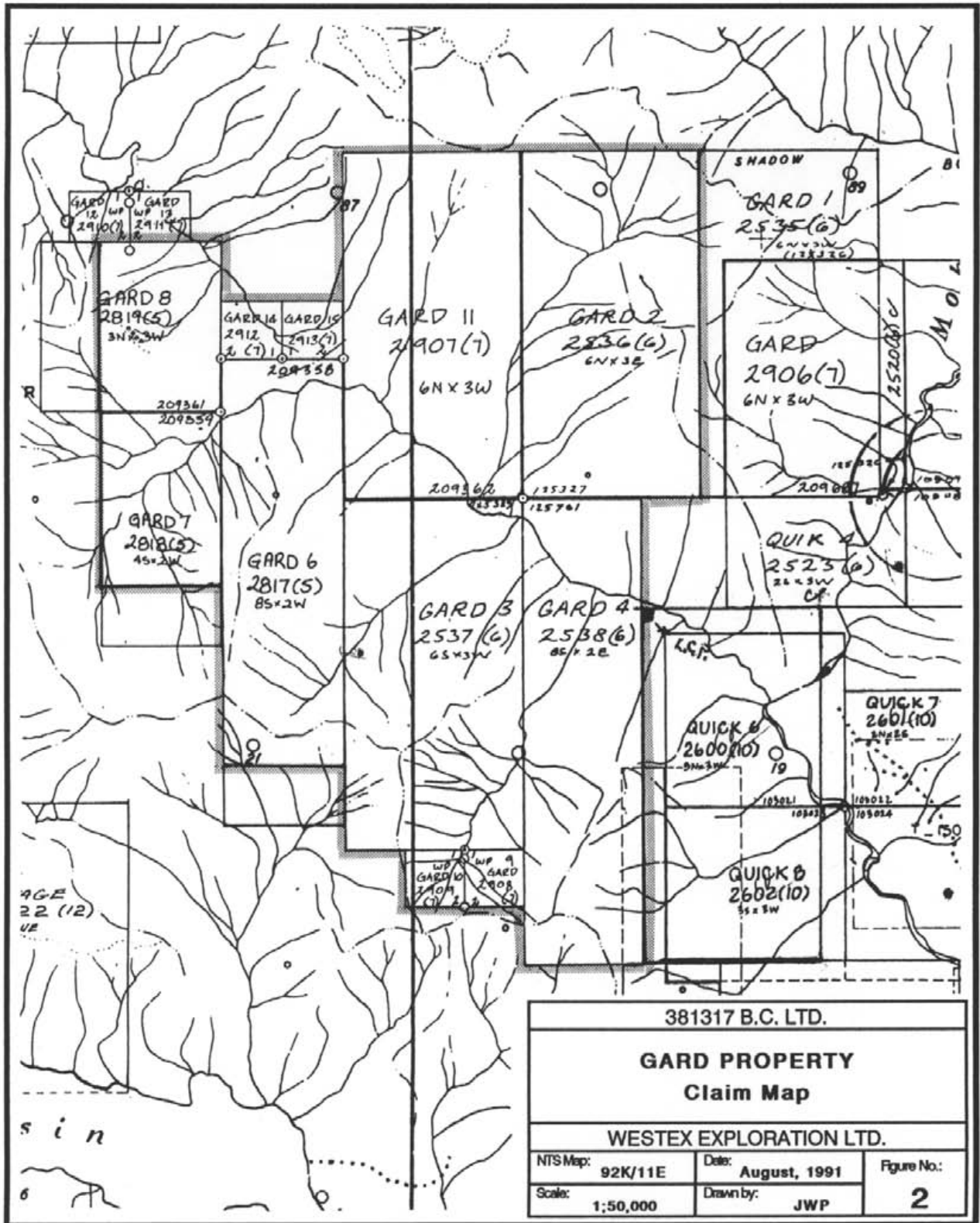
## **3. PHYSIOGRAPHY**

The Gard claim group is located in the moderately rugged, western side of the British Columbia Coast Range. Elevations on the property range from a low of 150 metres on Moh Creek, to a high of approximately 1580 metres on several rounded peaks. The terrain is generally precipitous and most 1st and 2nd order streams are incised. The principle valley, Moh Creek, is U-shaped with steep valley sides and several hanging tributary valleys. Glacial till is present in the Moh Creek valley floor but alluvial deposits are most commonly seen in road cuts. Forest cover is heavy and is dominated by Douglas Fir and Red Cedar species.

## **4. CLAIM DATA**

The claims are owned by 381317 B.C. Ltd. and are recorded in the name of Jay W. Page. There are a total of 100 units in the Gard Claim Group.





<b>TABLE I CLAIM DATA</b>			
<b>CLAIM NAME</b>	<b>UNITS</b>	<b>RECORD DATE</b>	<b>RECORD NO.</b>
GARD 2	18	June 21, 1989	2536
GARD 3	18	June 21, 1989	2537
GARD 4	16	June 21, 1989	2538
GARD 6	14	May 12, 1990	2817
GARD 7	6	May 12, 1990	2818
GARD 8	6	May 12, 1990	2819
GARD 9	1	July 26, 1990	2908
GARD 10	1	July 26, 1990	2909
GARD 11	18	July 31, 1990	2907
GARD 14	1	July 31, 1990	2912
GARD 15	1	July 31, 1990	2913

## **5. GEOLOGY**

### **5.1 REGIONAL GEOLOGY**

The Moh Creek area is located in the Coast Plutonic Complex which forms virtually all of the mainland area in the Bute Inlet Map Sheet 92K. The Coast Plutonic Complex forms the core of the Pacific Orogeny which resulted from the collision with, and the accretion of Wrangellia onto North America during the late Mesozoic (Monger, etal, 1972). The extensive plutonism that resulted from the crustal thickening of this collision and the development of a eastward dipping subduction zone west of Vancouver Island has overprinted and obscured the pre-existing volcanic rock which formed the eastern margin of Wrangellia. Ages of the plutonic bodies comprising the Coast Plutonic Complex range from Cretaceous to early Tertiary, and compositions vary from quartz diorite to granodiorite. Tertiary uplift and erosion has unroofed the complex leaving narrow bands of the pre-existing volcanic and sedimentary rocks and exposing the root zones of the plutons in high relief.

The sinuous bands of pre-existing volcanic and sedimentary rocks, or "screens" as they are often referred to, are thought to be fault slices, or graben type features (Roddick, 1978). The screens in the southern Coast Range are remnants of calc-alkaline volcanic centres, and their composition suggests a lower Jurassic volcanic island arc setting co-extensive with the Insular Belt at that time (Woodsworth, pers. comm. Sept 19/1989). The most recent Generalized Terrane Map of the Canadian Cordillera (Gabrielse and Yorath, 1989) now includes the Toba, Bute and Knight Inlet areas as part of the Wrangellia (Vancouver Island) Terrain.

In the Bute Inlet area the screens form a series of northwest striking sinuous bands which help to define the regional fabric. These screens are of a low metamorphic grade and hence, many textures and structural relationships are recognizable. Rhyolitic and dacitic flows and breccia are common, as are associated marine sediments.

The screens in the Bute Inlet area were originally assigned (Roddick, 1978) to the lower Cretaceous Gambier Group based on their general trend from similar rocks in the Howe Sound and Sechelt areas. Recent work by the Geological Survey of Canada (Woodsworth, pers comm. Sept 19, 1990) indicates that these screens actually have a wide range of ages, with a general trend from mid Cretaceous in the southwest to mid Palaeozoic in the northeast. Age dating of zircons collected in the Fawn Point Area indicates a late Jurassic to early Cretaceous age and the screens in this area may be the only ones correctly mapped as Gambier Group.

Work by Rosen-Spense and Sinclair (1987) has identified the Gambier Group as a medium-K arc tholeiitic sequence. Their interpretation follows that the presence of older arc sequences and Carboniferous zircon ages indicates that the Gambier Group rocks were formed on a well developed arc crust (Roddick et al., 1979 in Rosen-Spense and Sinclair, 1987). This combined with deep marine conditions and the occurrence of the Britannia volcanogenic massive sulphide deposit suggests that this is an intra-arc extensional environment with similarities to the Green Tuffs-Kuroko trough in Japan (Sillite, 1982; Cathles et al., 1983 in Rosen-Spense and Sinclair, 1987).



## 5.2 PROPERTY GEOLOGY

The property covers part of a meta-volcanic and meta-sedimentary screen which extends from Bute Inlet in the southeast to Mount Gardiner in the northwest. The volcanic rocks exposed on the east side of this screen in the Moh Creek valley include greenstone, diabase porphyry and rhyolite which are overlain by crystal tuff, lithic tuff and a thick sequence of meta-sediments. These sediments consist of thinly laminated black argillite, cherty pyritic argillite, ferruginous chert and phyllite. In places the argillite are silica and pyrite rich, and include discontinuous, thin 1-2 mm thick laminations of fine grained pyrite. These sediments generally strike between 120 and 140 degrees and dip between 80 and 90 degrees to the northeast suggesting that they have been overturned. This is consistent with the regional trend of older screens in the northeast and younger screens in the southwest.

North of Moh Creek the Gard 2 & 11 claims cover several large meta-volcanic meta-sediment lenses hosted in granodiorite. There are indications of several small shear zones trending northwest - southeast across the claims. Evidence includes outcrops of pyrite rich and argillic altered fault breccia of granodiorite and greenstone. Sulphide mineralization, consisting of pyrite, sphalerite, and galena is common in sercite altered volcanics. Mineralization is controlled by structures trending 120 to 140 degrees and dipping 70 to 80 degrees to the northeast. Precious metal values are generally low, however several samples collected from road-cuts on the uppermost road of GARD 11 have returned gold assays up to 0.089 oz./ton.

## **6. PREVIOUS WORK**

There are no records of previous mineral exploration in the Moh Creek area. Geological mapping of the Bute Inlet Area was released by the Geological Survey of Canada as Open File 480 in 1978. The Regional Geochemical Survey for this area, MEMPR BC RGS 22 (GSC O.F. 2039), was released in 1989. Assessment Reports on this area were filed in 1990 by Jay W. Page and Cominco Ltd.

## **7. WORK CARRIED OUT**

Work on the property was carried out during the periods July 24 - 31, and September 25 - October 1, 1990 by geologist Jay W. Page and prospector Eric Mackenzie. Work consisted of stream sediment sampling and prospecting of road-cuts and stream beds on the claim group. A total of 48 stream sediment samples and 61 rock samples were collected from the claim area. All work was paid for by 381317 B.C. Ltd., with the exception of analysis of samples collected in July, which was done by Placer Dome Inc. All other samples were analyzed by Acme Analytical Laboratories Ltd.

All stream sediments were collected from the active channel of streams and only the -80 mesh fraction was analyzed. All rock samples are grab samples from outcrop, unless designated with an "F" in the sample number which indicates that they are samples of float. Details of the sample preparation, analytical techniques, and results are given in the appendices.

## **8. PROGRAM RESULTS**

The 1990 program was successful in locating mineralization responsible for some of the geochemical anomalies found in the RGS survey and in the May 1990 prospecting program. The 1990 work program consisted of 2 phases. The July program was carried out on all three areas of interest: the hanging valley on Gard 3, the road-cut exposures on Gard 8, and the road-cuts and stream exposures on Gard 2 and 11. The September program focused only on the area north of Moh Creek on GARD 2 and 11.

South of Moh Creek, the stream sediment sampling returned high lead and zinc values. This is interpreted as indicating an area of high background, and within the claim area individual results are not significant. Copper values were uniformly low. Rock sampling south of Moh Creek returned some high values of copper, lead, and zinc. However, in most cases these samples were of small, localized mineralization, usually associated with intrusive contacts. Samples 8GRD-R90-P15F to 18F on GARD 3 were samples of clay altered and silicified felsic volcanic float found in the stream bed. The source of these samples was not found. A stream sediment collected near this site

(8GRD-S90-P26) returned a value of 150 ppb gold when analyzed by Placer Dome, however the Acme analysis indicated a value of 4 ppb.

The sampling on GARD 8 also returned high lead and zinc values indicating the high background for these elements. Of interest, however, are two samples which returned some interesting barium values (8GRD-R90-P25: 0.42%; 8GRD-R90-P34: 0.26%). Soils in this area are rusty.

The sampling north of Moh Creek on GARD 2 and 11 returned a number of high lead and zinc values in stream sediments. Detailed prospecting in September in this area located several small sheer zones and quartz veins containing several percent of pyrite, chalcopyrite, galena, and sphalerite. These veins are responsible for all the stream sediment geochemical anomalies in this area. They are interesting in that they indicate a mineralizing environment, but by themselves they are of no significance. Of somewhat more interest are the gold values found in several quartz veins (8GRD-R90-P52: 0.076 oz./t.; 8GRD-R90-P53: 0.089 oz./t.; 8GRD-R90-P54: 0.057 oz./t.; and 8GRD-R90-P41:1640 ppb). These veins are well mineralized with up to several percent of pyrite, galena, and sphalerite. The occasional high silver values obtained in this area correspond closely to lead values, but this mineralization is not economically interesting.

## **9. CONCLUSIONS & RECOMMENDATIONS**

The program successfully identified mineralization generating some anomalous geochemistry.

South of Moh Creek, the high lead and zinc values in stream sediments are thought to be due to a high background common to the meta-sediments in the Gambier Group in this area. No mineralization associated with a volcanogenic massive sulphide deposit was found. However, the area with barium rich rocks on GARD 8 should be mapped and sampled with a VMS target in mind.

The area on GARD 3 where the altered and silicified volcanic float should be prospected and sampled in detail, especially the curious "dome" immediately to the east of this site.

North of Moh Creek, the anomalous geochemistry is due to sulphide mineralization in small quartz veins and they are not economically significant. However, the area around the auriferous quartz veins should be mapped and the veins traced out.

## **10. REFERENCES:**

Cathles, L.M., A.L. Guber, T.C. Lenagh and F.O. Dudas (1983): Kuroko-type Massive Sulphide Deposits of Japan: Products of an aborted Island-arc Rift; *Econ. Geol.*, Mono. 5, pp 96-114.

Gabrielse H. and C.J. Yorath (1989): DNAG #4. The Cordilleran Orogeny in Canada; In *Geoscience Canada*, June 1989, Vol 16, No. 2, pp 67-83, Map p 68.

Matysek, P.F., J.L. Gravel and W. Jackaman (1988): British Columbia Regional Geochemical Survey, Stream Sediment and Water Geochemical Data, NTS 92K - Bute Inlet; MEMPR BC RGS 22, GSC OF 2039.

Monger, J.W.H., Souther, J.G. and Gabrielse, H. (1972): Evolution Of The Canadian Cordillera: A Plate-tectonic Model; *Amer. J. of Sc.*, Vol. 272, pp 577-602.

Roddick, J.A. (1978): Notes on the Stratified Rocks of Bute Inlet Map-area; *Geol. Surv. Can. OF 480*, 20p.

Roddick, J.A., J.E. Muller and A.V. Okulitch (1979): Fraser River; *Geol. Surv. Can. Map 1386A*.

Rossen-Spense A. and A.J. Sinclair (1987): Classification of the Cretaceous Volcanic Sequences of British Columbia and Yukon; In *Geological Fieldwork 1986*, B.C. Min. of Energy, Mines and Pet. Res., *Geol. Surv. Br.* pp 419-427.

Sillitoe, R.H. (1982): Extensional Habits of Rhyolite Hosted Massive Sulphide Deposits; *Geology*, Volume 10, pages 403-407.

## 11. COST STATEMENT

### LABOUR

Jay W. Page

July 24/90	Mobilization		
July 25-30/90	Field work		
July 31/90	Demobilization		
Sept 25/90	Mobilization		
Sept 26-30/90	Field work		
Oct 1/90	Demobilization		
Total: 15 days @ \$240		\$3,600	

Eric Mackenzie

July 24/90	Mobilization		
July 25-30/90	Field work		
July 31/90	Demobilization		
Sept 25/90	Mobilization		
Sept 26-30/90	Field work		
Oct 1/90	Demobilization		
Total: 15 days @ \$150		<u>\$2,250</u>	<u>5850.00</u>

### DISBURSEMENTS:

Food & Accommodation:

Moh Creek Camp - July 27,28,29,30/90	\$400.00	
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Analytical Work:

Placer Dome Inc.		
36 silts, 45 rocks	\$923.45	
Acme Analytical Laboratories		
12 silts, 16 rocks	<u>354.10</u>	1277.55

Air Charter:

Canadian Helicopters		
Sept. 25, Oct 1/90	1339.50	
Vancouver Island Helicopters		
July 24, 27/90	1687.80	
Comox Flying Service		
July 31/90	<u>212.00</u>	3239.30

Vehicle, Gas, Ferry:

July 24, 31, Sept 25, Oct 1/90	290.14	
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Supplies and Groceries:	310.12	
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Maps, Reproduction, Misc:	<u>82.89</u>	<u>5600.00</u>
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Total:		<u>\$11,450.00</u>
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## 12. CERTIFICATE

I, Jay W. Page, hereby certify:

1. That I am a practising geologist with offices at 515 - 510 West Hastings Street, Vancouver, British Columbia.
2. That I am a graduate of the University of British Columbia in physical geography B.A. (1977), and geology B.Sc. (1984).
3. That I am a fellow of the Geological Association of Canada.
4. That the observations and opinions expressed in herein are based on my personal examination of the property and a review of available data and reports.
5. That I have practised mining exploration in Canada, the United States and West Africa since 1977 while employed by Placer Development Ltd., D.G. Leighton and Associates Ltd., Bema Industries Ltd., AGIP Canada Ltd., Beaty Geological Ltd. and Westex Exploration Ltd.

Dated at Vancouver, British Columbia, This 12 day of August, 19 91.

  
Jay W. Page B.A., B.Sc., F.G.A.C.

**APPENDIX I**  
**ANALYTICAL TECHNIQUES AND RESULTS**

PDI lab data file: P0505  
 AREA: MOH CREEK  
 MAP SHEET NO: 92K11E  
 VENTURE: BC GEN 1F  
 GEOLOGIST: D SKETCHLEY  
 LAB PROJECT NO: 0505

PLEASE DISTRIBUTE RESULTS TO: D SKETCHLEY  
 B. HODGSON M. GAREAU E. KIMURA E. GONZALEZ-URIEN

REMARKS:  
 "PROPERTY EXAM PLEASE RUSH"  
 "SAVE REJECTS AND PULPS FOR PICKUP IN SEPT."

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:  
 ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW  
 ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.  
 SAMPLE NUMBERS FOLLOWED BY \* ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HClO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
BA	%	0.25	HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
CO	PPM	0.5	HClO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
CU	PPM	0.5	HClO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
MU	PPM	0.5	HClO4/HNO3	4HRS	1-1000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
SB	PPM	0.5	HCL/HNO3	3HRS	2-2000	DC PLASMA
ZN	PPM	0.5	HClO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION



PUI GEOCHEM SYSTEM: Data From: BU GEN LF MUR CREEK

GRID	SAMPLE	PROJECT	Ag PPM	AS PPM	Au1 PPB	Ba %	Co PPM	Cu PPM	Mo PPM	Pb PPM	Sb PPM	Zn PPM
92K11E	8GRDR90	P4	0.2	18	<5	<0.02	4	46	1	2	<2	10
92K11E	8GRDR90	P5	0.3	8	<5	0.04	18	42	3	4	<2	52
92K11E	8GRDR90	P6	0.3	44	<5	0.09	23	69	2	3	<2	90
92K11E	8GRDR90	P7	0.3	2	<5	0.03	23	181	2	5	<2	65
92K11E	8GRDR90	P8	0.3	16	<5	0.02	18	28	3	12	<2	40
92K11E	8GRDR90	P9F	0.2	<2	<5	0.04	15	30	3	10	<2	67
92K11E	8GRDR90	P10F	0.4	2	<5	0.05	37	83	2	14	<2	35
92K11E	8GRDR90	P11	0.2	38	<5	0.04	18	44	1	4	<2	42
92K11E	8GRDR90	P25	1.7	<2	<5	0.42	5	42	6	5	<2	120
92K11E	8GRDR90	P25*	1.6	<2	<5	0.37	5	40	6	5	<2	120
92K11E	8GRDR90	P26	0.4	4	<5	0.10	2	40	1	8	<2	206
92K11E	8GRDR90	P27	0.4	<2	<5	<0.02	30	250	2	3	<2	10
92K11E	8GRDR90	P28	0.3	<2	<5	<0.02	12	138	4	2	<2	31
92K11E	8GRDR90	P31	0.3	<2	<5	0.04	10	127	4	2	<2	27
92K11E	8GRDR90	P34	0.7	<2	<5	0.26	16	34	1	2	<2	87
92K11E	8GRDR90	P37	0.4	<2	<5	0.15	15	60	1	2	<2	30
test	STD P1	0505	0.3	18			8	25	50	50	4	125
test	STD AU7	0505			305							
test	STD BA	0505				0.59						

END OF LISTING - 19 RECORDS PRINTED Run on: 90:08:24 at 8:04:32

PLACER DOME INC: GEUCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AS	0	7	0	0	0	15
AU1	0	15	0	0	0	15
BA	0	3	0	0	0	15
SB	0	15	0	0	0	15

4 records skipped: tests, duplicate analyses

SUMMARY OF GEUCHEM DATA: BC GEN 1F MOH CREEK

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	15	0	92K11E	92K11E		
SAMP	15	0	8GRDR90	8GRDR90		
PPOJ	15	0	0505	0505		
AG	15	0	0.20	1.70	0.43	0.37
AS	15	0	1.00	44.00	9.27	14.06
AU1	15	0	2.50	2.50	2.50	0.00
PA	15	0	0.01	0.42	0.09	0.11
CU	15	0	4.00	37.00	17.93	8.83
CU	15	0	28.00	250.00	80.93	65.17
MO	15	0	1.00	62.00	6.20	15.47
PB	15	0	2.00	14.00	5.20	3.95
SB	15	0	1.00	1.00	1.00	0.00
ZN	15	0	10.00	206.00	60.80	50.61

END OF SCAN: DATE: 90:08:24 time: 8:04:32 15 RECORDS PROCESSED

PDI lab data file: P0506  
 AREA: MOH CREEK  
 MAPSHEET NO: 92K11E  
 VENTURE: BC GEN 1F  
 GEOLOGIST: D SKETCHLEY  
 LAB PROJECT NO: 0506

PLEASE DISTRIBUTE RESULTS TO: D SKETCHLEY  
 B. HODGSON M. GAREAU E. KIMURA E. GONZALEZ-URIEN

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STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:  
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 ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.  
 SAMPLE NUMBERS FOLLOWED BY \* ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CO	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-2000	ATOMIC ABSORPTION
CU	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-4000	ATOMIC ABSORPTION
MO	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	1-1000	ATOMIC ABSORPTION
PB	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	A.A. BACKGROUND COR.
SB	PPM	0.5	HCL/HNO <sub>3</sub>	3HRS	2-2000	DC PLASMA
ZN	PPM	0.5	HClO <sub>4</sub> /HNO <sub>3</sub>	4HRS	2-3000	ATOMIC ABSORPTION

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cc PPM	Cu PPM	Mo PPM	Pb PPM	So PPM	Zn PPM
92K11E	8GRDR90	P12	0.5	<2	<5	42	145	11	5	<2	226
92K11E	8GRDR90	P13	0.3	<2	<5	21	17	4	5	<2	24
92K11E	8GRDR90	P14	0.4	10	<5	20	107	8	4	<2	51
92K11E	8GRDR90	P15	0.7	<2	<5	31	181	2	11	<2	680
92K11E	8GRDR90	P16	1.3	52	<5	19	316	2	120	<2	600
92K11E	8GRDR90	P17	1.1	<2	<5	23	360	2	10	<2	51
92K11E	8GRDR90	P18	<0.2	<2	<5	13	81	2	4	<2	137
92K11E	8GRDR90	P19	<0.2	<2	<5	6	5	2	7	<2	30
92K11E	8GRDR90	P20	0.2	<2	<5	11	16	1	16	<2	67
92K11E	8GRDR90	P20*	0.2	<2	<5	12	16	1	15	<2	64
92K11E	8GRDR90	P21	0.2	<2	<5	9	14	1	6	<2	45
92K11E	8GRDR90	P22	0.7	<2	<5	11	22	<1	22	<2	230
92K11E	8GRDR90	P23	0.2	<2	<5	16	24	6	6	<2	70
92K11E	8GRDR90	P24	0.2	<2	<5	13	13	2	7	<2	37
92K11E	8GRDR90	P29	0.5	<2	<5	63	1430	<1	3	<2	36
92K11E	8GRDR90	P30	0.2	<2	<5	13	108	<1	5	<2	23
92K11E	8GRDR90	P32	0.2	<2	<5	26	70	1	5	<2	71
92K11E	8GRDR90	P33	0.8	<2	<5	80	1000	1	6	<2	56
92K11E	8GRDR90	P35	0.2	<2	<5	20	143	<1	3	<2	21
92K11E	8GRDR90	P35*	0.2	<2	<5	20	143	<1	3	<2	21
92K11E	8GRDR90	P36	0.5	<2	<5	46	550	<1	3	<2	34
test	STD P1			18						4	
test	STD AU7				290						

END OF LISTING - 23 RECORDS PRINTED Run on: 90:08:22 at 9:11:52

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	2	0	0	0	19
AS	0	17	0	0	0	19
AU1	0	19	0	0	0	19
MO	0	5	0	0	0	19
SB	0	19	0	0	0	19

4 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: BC GEN 1F MOH CREEK

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	19	0	92K11E	92K11E		
SAMP	19	0	8GRDR90	8GRDR90		
PROJ	19	0	0506	0506		
AG	19	0	0.10	1.30	0.44	0.34
AS	19	0	1.00	52.00	4.16	11.77
AU1	19	0	2.50	2.50	2.50	0.00
CU	19	0	6.00	80.00	25.42	19.52
MO	19	0	5.00	1430.00	242.21	378.08
PB	19	0	0.50	11.00	2.50	2.86
SB	19	0	3.00	120.00	13.05	26.34
ZN	19	0	1.00	1.00	1.00	0.00
			21.00	680.00	131.00	190.05

END OF SCAN: DATE: 90:08:22 time: 9:11:52 19 RECORDS PROCESSED

PLACER DOME INC (VANCOUVER LABORATORY)  
GEOCHEMICAL DATA LISTING: BC GEN 1F MOH CREEK

DATE: 90:08:21

PDI lab data file: P0507  
AREA: MOH CREEK  
MAPSHEET NO: 92K11E  
VENTURE: BC GEN 1F  
GEOLOGIST: D SKETCHLEY  
LAB PROJECT NO: 0507

PLEASE DISTRIBUTE RESULTS TO: D SKETCHLEY  
B. HODGSON M. GAREAU E. KIMURA E. GONZALEZ-URIEN

REMARKS:  
"PROPERTY EXAM PLEASE RUSH"  
"SAVE REJECTS AND PULPS FOR PICKUP IN SEPT"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:  
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW  
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.  
SAMPLE NUMBERS FOLLOWED BY \* ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCL04/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CO	PPM	0.5	HCL04/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
CU	PPM	0.5	HCL04/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
MO	PPM	0.5	HCL04/HNO3	4HRS	1-1000	ATOMIC ABSORPTION
PB	PPM	0.5	HCL04/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
SB	PPM	0.5	HCL/HNO3	3HRS	2-2000	DC PLASMA
ZN	PPM	0.5	HCL04/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

PUI GEOCHEM SYSTEM: Data From: BC GEN LF MCH CREEK

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Co PPM	Cu PPM	Mo PPM	Pb PPM	Sb PPM	Zn PPM
92K11E	8GRDS90	P24	0.3	<2	10	15	46	3	22	<2	99
92K11E	8GKDS90	P25	0.2	<2	<5	8	16	3	17	<2	81
92K11E	8GRDS90	P26	0.3	<2	140	14	24	3	23	<2	102
92K11E	8GRDS90	P27	0.2	14	<5	20	60	4	16	<2	140
92K11E	8GRDS90	P28	0.3	16	<5	24	72	2	17	<2	165
92K11E	8GRDS90	P29	<0.2	<2	<5	21	80	1	11	<2	93
92K11E	8GRDS90	P30	0.3	30	<5	21	62	3	23	<2	200
92K11E	8GRDS90	P31	0.3	<2	<5	17	51	3	17	<2	114
92K11E	8GKDS90	P32	0.2	8	<5	24	98	2	16	<2	102
test	STD P1		0.2	22		6	22	54	53	6	138
92K11E	8GRDS90	P33	0.2	36	5	23	69	2	20	<2	171
92K11E	8GRDS90	P34	0.3	12	5	29	79	4	24	<2	249
92K11E	8GRDS90	P35	0.2	<2	<5	20	46	1	10	<2	123
92K11E	8GRDS90	P36	<0.2	14	<5	22	80	<1	9	<2	96
92K11E	8GRDS90	P48	0.2	<2	<5	19	109	1	16	<2	168
92K11E	8GRDS90	P49	0.3	<2	<5	19	60	3	18	<2	137
92K11E	8GRDS90	P50	0.3	<2	<5	12	38	3	15	<2	205
92K11E	8GRDS90	P51	0.2	16	<5	14	52	4	8	<2	264
92K11E	8GRDS90	P52	<0.2	<2	<5	7	29	<1	6	<2	25
92K11E	8GKDS90	P52*	<0.2	<2	<5	6	28	<1	6	<2	23
92K11E	8GRDS90	P53	<0.2	<2	15	16	70	<1	7	<2	72
92K11E	8MOHS90	P4	0.2	<2	<5	11	98	1	6	<2	46
92K11E	8MOHS90	P6	0.6	<2	<5	15	220	3	18	<2	211
92K11E	8MOHS90	P6*	NSS	<2		NSS	NSS	NSS	NSS	<2	NSS
test	STD AU7				275						

END OF LISTING - 25 RECORDS PRINTED Run on: 90:08:21 at 14:09:11

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	4	0	0	0	21
AS	0	13	0	0	0	21
AU1	0	16	0	0	0	21
MO	0	3	0	0	0	21
SB	0	21	0	0	0	21

4 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: BC GEN IF MDH CREEK

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	21	0	92K11E	92K11E		
SAMP	21	0	8GRDS90	8MOHS90		
PROJ	21	0	0507	0507		
AG	21	0	0.10	0.60	0.24	0.11
AS	21	0	1.00	36.00	7.57	10.29
AU1	21	0	2.50	140.00	10.24	29.89
CO	21	0	7.00	29.00	17.67	5.57
CU	21	0	16.00	220.00	69.48	42.25
MO	21	0	0.50	4.00	2.26	1.21
PB	21	0	6.00	24.00	15.19	5.78
SB	21	0	1.00	1.00	1.00	0.00
ZN	21	0	25.00	264.00	136.33	64.06

END OF SCAN:      DATE: 90:08:21      time: 14:09:11      21 RECORDS PROCESSED



PDI lab data file: P0509  
 AREA: MOH CREEK  
 MAPSHEET NO: 92K11E  
 VENTURE: BC GEN 1F  
 GEOLOGIST: D SKETCHLEY  
 LAB PROJECT NO: 0509

PLEASE DISTRIBUTE RESULTS TO: D SKETCHLEY  
 B. HODGSON M. GAREAU E. KIMURA E. GONZALEZ-URIEN

REMARKS:  
 "PROPERTY EXAM PLEASE RUSH"  
 "SAVE REJECTS AND PULPS FOR PICKUP IN SEPT."

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:  
 ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW  
 ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.  
 SAMPLE NUMBERS FOLLOWED BY \* ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCL04/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
BA	%	0.25	HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
CO	PPM	0.5	HCL04/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
CU	PPM	0.5	HCL04/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
MO	PPM	0.5	HCL04/HNO3	4HRS	1-1000	ATOMIC ABSORPTION
PB	PPM	0.5	HCL04/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
SB	PPM	0.5	HCL/HNO3	3HRS	2-2000	DC PLASMA
ZN	PPM	0.5	HCL04/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

POI GEOCHEM SYSTEM: Data From: BC GEN IF MOH CREEK

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Ba %	Co PPM	Cu PPM	Mo PPM	Pb PPM	Sb PPM	Zn PPM
92K11E	8GRDS90	P37	0.3	<2	30	0.07	10	44	<1	20	<2	115
92K11E	8GKDS90	P38	0.3	<2	<5	0.04	13	31	4	16	<2	99
92K11E	8GRDS90	P39	0.2	<2	<5	0.05	12	36	2	15	<2	86
92K11E	8GRDS90	P40	0.6	<2	<5	0.02	10	27	3	19	<2	72
92K11E	8GRDS90	P41	0.5	<2	<5	0.03	4	19	2	14	<2	52
92K11E	8GKDS90	P42	0.5	<2	<5	0.04	20	65	2	20	<2	163
92K11E	8GRDS90	P43	0.4	<2	<5	0.07	11	46	3	60	<2	250
92K11E	8GRDS90	P44	<0.2	<2	<5	0.07	29	45	6	19	<2	80
92K11E	8GRDS90	P45	0.2	<2	<5	0.07	8	34	3	20	<2	92
92K11E	8GRDS90	P45*	0.2	<2	<5	0.06	8	34	3	22	<2	99
92K11E	8GRDS90	P46	0.2	<2	40	0.06	8	43	<1	32	<2	157
92K11E	8GRDS90	P47	0.0	<2	100	0.06	11	35	<1	142	<2	170
92K11E	8GRDS90	P54	<0.2	<2	<5	0.04	10	57	1	9	<2	43
92K11E	8GRDS90	P55	0.2	<2	5	0.05	7	28	<1	5	<2	43
92K11E	8GRDS90	P56	0.2	<2	5	0.04	10	30	<1	6	<2	40
92K11E	8GRDS90	P57	0.2	<2	<5	0.05	8	31	<1	8	<2	46
92K11E	8GRDS90	P58	0.2	<2	5	0.05	9	31	<1	11	<2	64
92K11E	8GRDS90	P59	0.2	<2	10	0.05	11	48	<1	12	<2	75
92K11E	8GRDS90	P60	0.2	<2	5	0.06	9	46	<1	20	<2	112
test	STD P1		0.2	<2			6	28	47	49	4	126
92K11E	8GRDS90	P61	0.2	<2	5	0.05	6	38	2	18	<2	69
92K11E	8GRDS90	P62	0.3	<2	<5	0.04	7	30	4	45	<2	153
92K11E	8GRDS90	P63	0.2	<2	<5	0.05	22	29	1	8	<2	63
92K11E	8GRDS90	P64	0.2	<2	<5	0.06	15	55	1	6	<2	67
92K11E	8GRDS90	P65	<0.2	<2	<5	0.07	15	49	4	7	<2	90
92K11E	8GRDS90	P66	<0.2	<2	<5	0.06	16	50	<1	4	<2	83
92K11E	8GRDS90	P67	0.3	<2	<5	0.13	14	68	2	27	<2	161
92K11E	8GRDS90	P68	0.3	<2	<5	0.09	14	51	2	6	<2	250
92K11E	8GRDS90	P68*	0.3	<2	<5	0.09	15	51	2	6	<2	250
test	STD AU7				240							
test	STD BA					0.59						

END OF LISTING - 31 RECORDS PRINTED Run on: 90:08:24 at 8:04:32

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	4	0	0	0	26
AS	0	26	0	0	0	26
AU1	0	16	0	0	0	26
MO	0	10	0	0	0	26
SB	0	25	0	0	0	26

5 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: BC GEN IF MOH CREEK

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	26	0	92K11E	92K11E		
SAMP	26	0	8GRDS90	8GRDS90		
PROJ	26	0	0509	0509		
AG	26	0	0.10	5.00	0.43	0.94
AS	26	0	1.00	1.00	1.00	0.00
AU1	26	0	2.50	40.00	6.15	8.87
BA	26	0	0.02	0.13	0.06	0.02
CG	26	0	4.00	29.00	11.88	5.41
CU	26	0	19.00	68.00	41.00	12.30
MU	26	0	0.50	6.00	1.81	1.49
PB	26	0	4.00	142.00	21.88	27.63
SB	26	0	1.00	2.00	1.04	0.20
ZN	26	0	40.00	250.00	103.65	58.71

END OF SCAN:      DATE: 90:08:24      time: 8:04:32      26 RECORDS PROCESSED

GEOCHEMICAL ANALYSIS CERTIFICATE

Westex Exploration Ltd. File # 90-4962 Page 1

2595 W. 15th Ave, Vancouver BC V6K 2Z3 Submitted by: JAY W. PAGE

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppb
8GRD-R90-P40	2	1294	36	154	9.0	9	11	1749	2.15	4	5	ND	1	81	2.6	2	2	9	6.07	.056	6	11	.57	10	.05	2	1.19	.03	.09	1	55
8GRD-R90-P41	3	994	25140	33994	20.8	8	5	344	1.69	14	5	ND	3	28	322.5	7	7	1	1.31	.008	3	2	.03	14	.01	2	.14	.01	.06	6	1640
8GRD-R90-P42	1	826	1130	4726	9.7	7	6	355	1.69	2	5	ND	1	20	45.0	2	2	6	.87	.119	4	5	.16	31	.03	5	.43	.01	.16	1	150
8GRD-R90-P43	1	9	26	55	.1	6	2	207	.56	2	5	ND	6	13	.3	2	5	3	.45	.016	4	6	.16	39	.03	2	.31	.02	.08	3	24
8GRD-R90-P44	1	17	28	105	.7	5	8	518	3.44	4	5	ND	1	15	.3	2	2	13	.66	.298	7	3	.56	29	.11	2	1.11	.01	.18	1	26
8GRD-R90-P45	4	113	515	616	21.0	9	22	1650	10.43	192	5	ND	6	26	5.3	2	6	27	.94	.227	11	14	1.25	43	.10	4	1.94	.01	.16	6	24
8GRD-R90-P46	2	106	616	182	6.1	6	5	266	1.40	25	5	ND	1	3	2.1	2	2	4	.17	.053	3	4	.11	16	.03	2	.29	.01	.10	1	54
8GRD-R90-P47	2	14	102	201	1.4	12	14	877	5.08	22	5	ND	2	12	.5	4	2	39	.40	.125	10	20	1.59	73	.15	2	1.97	.01	.16	2	8
8GRD-R90-P48	1	312	2206	11890	7.6	3	4	349	3.25	18	5	ND	1	1	136.4	17	2	5	.01	.010	7	10	.43	6	.01	5	.62	.01	.03	1	85
8GRD-R90-P49	3	107	567	2527	2.1	3	11	1033	5.27	2	5	ND	1	10	28.2	2	4	14	.28	.149	5	1	.82	32	.03	2	1.55	.01	.08	1	150
8GRD-R90-P50	19	42	381	105	2.7	6	2	39	1.10	4	5	ND	7	2	1.1	2	2	1	.04	.015	2	3	.01	30	.02	2	.19	.01	.13	1	92
8GRD-R90-P51	2	522	59	6952	4.4	9	10	353	1.53	5	5	ND	1	5	63.3	2	2	2	.06	.005	2	8	.20	13	.01	2	.35	.01	.06	1	18
8GRD-R90-P52	15	42	2237	562	1.6	4	5	541	2.38	2	5	ND	1	5	5.0	2	2	4	.06	.067	7	2	.11	54	.06	2	.51	.01	.13	1	1470
8GRD-R90-P53	3	201	11081	483	15.0	5	2	428	1.63	6	5	ND	1	5	6.3	5	2	4	.08	.019	2	7	.22	10	.01	3	.51	.01	.04	1	3250
8GRD-R90-P54	2	665	427	3774	12.4	7	12	181	3.90	7	5	ND	1	20	52.0	2	6	2	.63	.027	3	3	.01	26	.01	2	.18	.01	.10	1	1430
8GRD-R90-P55	3	8	96	135	.3	4	2	197	.79	2	5	ND	12	17	1.4	2	2	1	.21	.008	7	3	.01	22	.02	2	.16	.04	.09	1	9
STANDARD C/AU-R	19	61	44	131	7.2	72	31	1053	3.95	40	16	8	37	52	18.9	15	20	57	.46	.094	39	60	.89	182	.07	32	1.90	.06	.13	13	540

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

DATE RECEIVED: OCT 2 1990 DATE REPORT MAILED: *Oct 5/90* SIGNED BY: *C. Chung* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

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
8GRD-S90-P69	1	28	26	129	.1	6	8	1329	2.26	5	5	ND	1	65	.7	2	2	28	.41	.085	8	8	.58	94	.05	2	2.42	.01	.10	1	2
8GRD-S90-P70	1	165	26	225	.4	6	45	1759	2.60	11	6	ND	3	27	1.5	2	5	35	.14	.071	12	11	.51	43	.08	3	6.03	.01	.07	1	4
8GRD-S90-P71	1	20	39	231	.1	7	10	958	2.49	7	5	ND	3	59	.9	3	2	20	.39	.078	9	10	.83	52	.07	2	1.49	.02	.12	1	6
8GRD-S90-P72	1	21	19	166	.3	6	8	905	2.10	4	5	ND	4	58	1.3	2	2	18	.36	.064	9	8	.68	54	.06	2	1.32	.02	.12	1	8
8GRD-S90-P73	1	12	17	64	.1	3	16	1046	2.84	2	5	ND	1	21	.6	2	2	52	.18	.040	4	3	.61	73	.11	2	1.52	.02	.21	1	3
8GRD-S90-P74	2	23	22	107	.4	6	12	999	3.09	5	5	ND	1	50	.8	2	2	51	.49	.124	9	6	.76	97	.10	2	2.67	.02	.24	1	3
8GRD-S90-P75	1	30	24	133	.1	6	9	1297	2.37	6	5	ND	1	68	.7	2	2	30	.41	.089	7	9	.59	96	.05	2	2.21	.01	.09	1	2
8GRD-S90-P76	1	27	6	108	.1	3	10	538	2.75	9	5	ND	1	34	.6	2	3	58	.48	.057	7	9	.78	51	.16	2	1.69	.03	.10	1	2
8GRD-S90-P77	1	33	18	100	.1	4	12	790	3.81	8	5	ND	4	33	.6	2	2	63	.34	.102	10	11	.82	60	.12	8	2.67	.01	.09	1	2
8GRD-S90-P78	1	29	17	142	.1	7	9	794	2.30	6	5	ND	2	46	.5	2	2	22	.36	.074	8	9	.78	45	.08	3	1.35	.02	.11	1	2
8GRD-S90-P79	1	21	17	89	.1	5	9	679	2.62	7	5	ND	2	41	.2	2	2	34	.39	.083	10	7	.77	63	.11	2	1.35	.02	.10	1	4
8GRD-S90-P80	1	18	27	100	.1	4	11	672	3.13	8	5	ND	1	41	.7	2	2	54	.51	.086	8	10	.61	64	.09	2	1.75	.02	.10	1	5
STANDARD C/AU-R	19	62	40	132	7.1	72	32	1054	3.96	42	22	7	39	53	19.1	14	20	58	.46	.098	39	60	.90	183	.08	32	1.89	.06	.13	13	54

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: OCT 10 1990

DATE REPORT MAILED:

*Oct. 19/90*

### ASSAY CERTIFICATE

Westex Exploration Ltd. FILE # 90-4962R

SAMPLE#	Ag** oz/t	SAMPLE wt. gm	AU-100 oz/t	NATIVE Au mg	AVG. oz/t
8GRD-R90-P52	.06	720	.076	ND	.076
8GRD-R90-P53	.57	550	.045	.84	.089
8GRD-R90-P54	.36	900	.056	.04	.057

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. -100 MESH AU BY FIRE ASSAY FROM 1 A.T.
- SAMPLE TYPE: ROCK PULP + REJECTS

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

ACME ANALYTICAL LABORATORIES LTD.  
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6  
PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: MAR 6 1991

DATE REPORT MAILED: *March 11/91*

### GEOCHEMICAL ANALYSIS CERTIFICATE

Westex Exploration Ltd. FILE # 91-0584  
515 - 510 W. Hastings St., Vancouver BC V6B 1L8 Attn: JAY W. PAGE

SAMPLE#	AU* ppb
8GRD-S90-P26	4

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: SOIL PULP AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

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

## ROCK DESCRIPTIONS

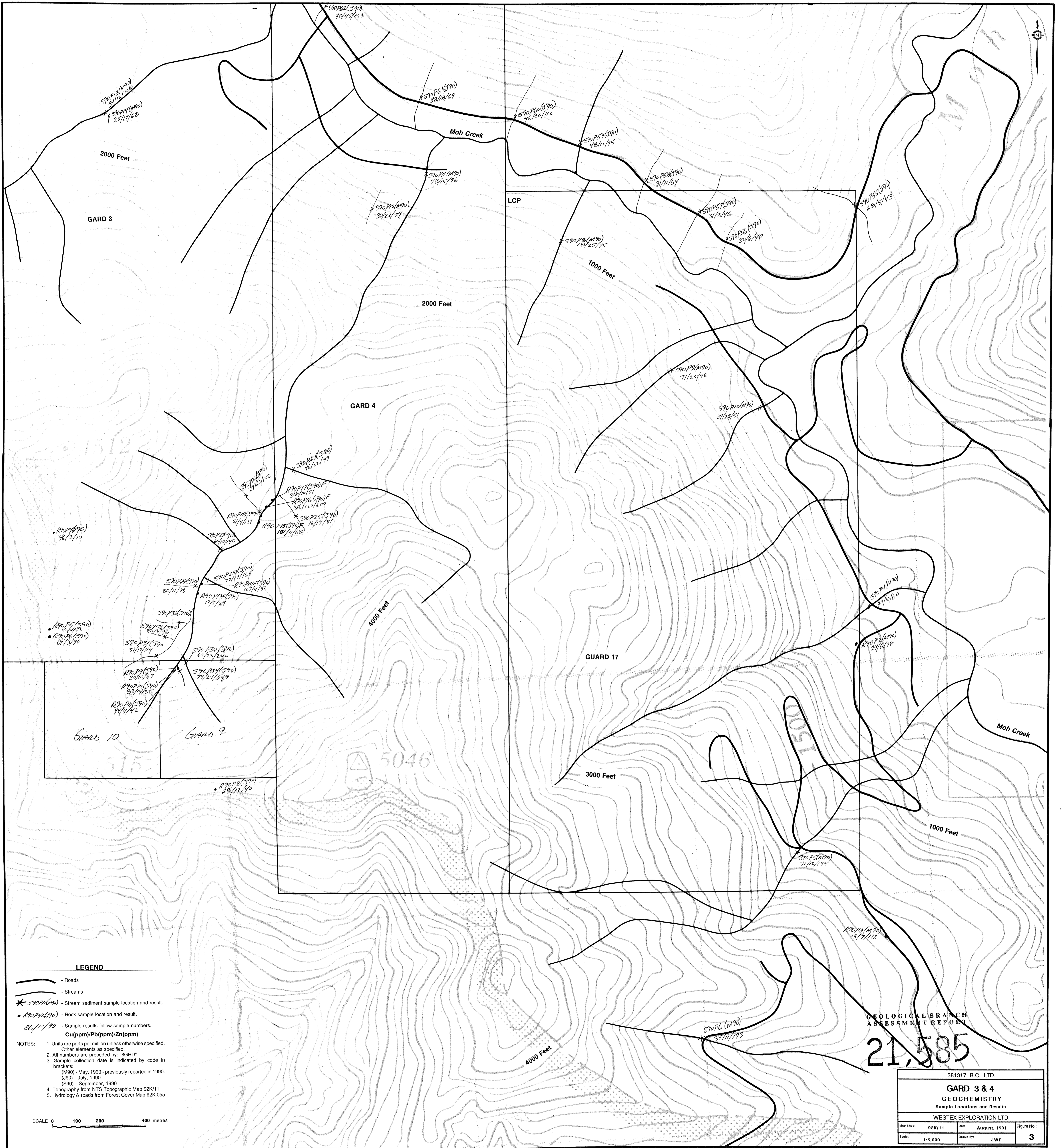
SAMPLE #	DESCRIPTION
8GRD-R90-P4	Outcrop of silicious, fine-grained meta-sediment.
8GRD-R90-P5	Outcrop of thinly laminated quartzite and argillite with minor pyrite and chalcopyrite in the quartzite layers.
8GRD-R90-P6	Outcrop of thinly laminated quartzite and argillite with thin pink-coloured layers. Minor pyrite disseminated in argillite layers.
8GRD-R90-P7	Outcrop of dark, rusty weathering silicious meta-sediment with disseminated pyrite.
8GRD-R90-P8	Outcrop of dark, rusty weathering silicious meta-sediment with disseminated pyrite.
8GRD-R90-P9F	Float of thinly laminated silicious meta-sediment.
8GRD-R90-P10F	Float of Thinly laminated silicious meta-sediment with 1mm thick pyrite laminations.
8GRD-R90-P11	Outcrop of thinly laminated silicious meta-sediment with pyrite laminations.
8GRD-R90-P12F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.
8GRD-R90-P13F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.
8GRD-R90-P13F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.
8GRD-R90-P14F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.
8GRD-R90-P15F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.
8GRD-R90-P16F	Float of rusty weathering, fine-grained volcanic with cross-cutting quartz vein containing chloritized breccia fragments and surrounded by chlorite and potassic alteration envelopes.
8GRD-R90-P17F	Float of thinly laminated silicious meta-sediment with disseminated pyrite.



pyrite.

- 8GRD-R90-P19 Outcrop of rusty weathering, pyritic chlorite schist.
- 8GRD-R90-P20 Outcrop of fault breccia with clay altered granite and volcanic fragments.
- 8GRD-R90-P21 Outcrop of clay altered pyritic volcanic and granite breccia.
- 8GRD-R90-P22 Outcrop of rusty weathering, pyritic, chlorite schist.
- 8GRD-R90-P23 Outcrop of pyritic chlorite schist.
- 8GRD-R90-P24 Outcrop of pyritic, sericite altered porphyritic volcanic.
- 8GRD-R90-P25 Outcrop of pyritic argillite with cross-cutting quartz veins.
- 8GRD-R90-P26 Outcrop of rusty weathering argillite with quartz stringers.
- 8GRD-R90-P27 Outcrop of rusty weathering silicious argillite.
- 8GRD-R90-P28 Outcrop of clay altered rusty argillite.
- 8GRD-R90-P29 Outcrop of amphibolite with 1-2% chalcopyrite.
- 8GRD-R90-P30 Outcrop of intensely altered sericite, pyrite schist.
- 8GRD-R90-P31 Outcrop of thinly laminated pyrite and argillite.
- 8GRD-R90-P32 Outcrop of chlorite altered meta-sediment with disseminated pyrite.
- 8GRD-R90-P33 Outcrop of pyritic stringers in argillite.
- 8GRD-R90-P34 Outcrop of pyritic black mudstone with 1% barite.
- 8GRD-R90-P35 Outcrop of chloritized amphibolite with quartz stringers.
- 8GRD-R90-P36 Outcrop of chloritized amphibolite with 1/2% chalcopyrite.
- 8GRD-R90-P37 Outcrop of thinly laminated pyrite and argillite.
- 8GRD-R90-P40F Float of quartz vein with chlorite and epidote envelope 1-2% pyrite.
- 8GRD-R90-P41 Outcrop of chlorite schist with disseminated pyrite and 1-2% sphalerite and galena with small quartz stringers.
- 8GRD-R90-P42 Outcrop of chlorite schist with 1-2% disseminated pyrite, and 1% galena associated with small quartz veins.

8GRD-R90-P43	Outcrop of quartz vein.
8GRD-R90-P44	Outcrop of chlorite schist with 1-2% disseminated pyrite.
8GRD-R90-P45	Outcrop of pyritic chlorite schist.
8GRD-R90-P46	Outcrop of quartz vein with coarse-grained pyrite.
8GRD-R90-P47	Outcrop of vuggy quartz vein with pyrite.
8GRD-R90-P48	Outcrop of green schist with small quartz lens containing minor pyrite, galena, and sphalerite.
8GRD-R90-P49	Outcrop of pyritic chlorite schist.
8GRD-R90-P50	Outcrop of chlorite schist and quartz stringers with pyrite.
8GRD-R90-P51	Outcrop of rusty weathering quartz with minor pyrite and sphalerite.
8GRD-R90-P52	Outcrop of rusty weathering quartz vein.
8GRD-R90-P53	Outcrop of rusty weathering quartz vein.
8GRD-R90-P54	Outcrop of sericite schist with 2% pyrite and minor sphalerite.
8GRD-R90-P55	Outcrop of an irregular quartz-carbonate veins with minor pyrite.



**LEGEND**

- Roads
- Streams
- \* S90P1(M90) - Stream sediment sample location and result.
- R90P2(S90) - Rock sample location and result.
- 86/11/92 - Sample results follow sample numbers.

**Cu(ppm)/Pb(ppm)/Zn(ppm)**

**NOTES:**

1. Units are parts per million unless otherwise specified. Other elements as specified.
2. All numbers are preceded by "SGRD"
3. Sample collection date is indicated by code in brackets:
  - (M90) - May, 1990 - previously reported in 1990.
  - (J90) - July, 1990
  - (S90) - September, 1990
4. Topography from NTS Topographic Map 92K/11
5. Hydrology & roads from Forest Cover Map 92K.055

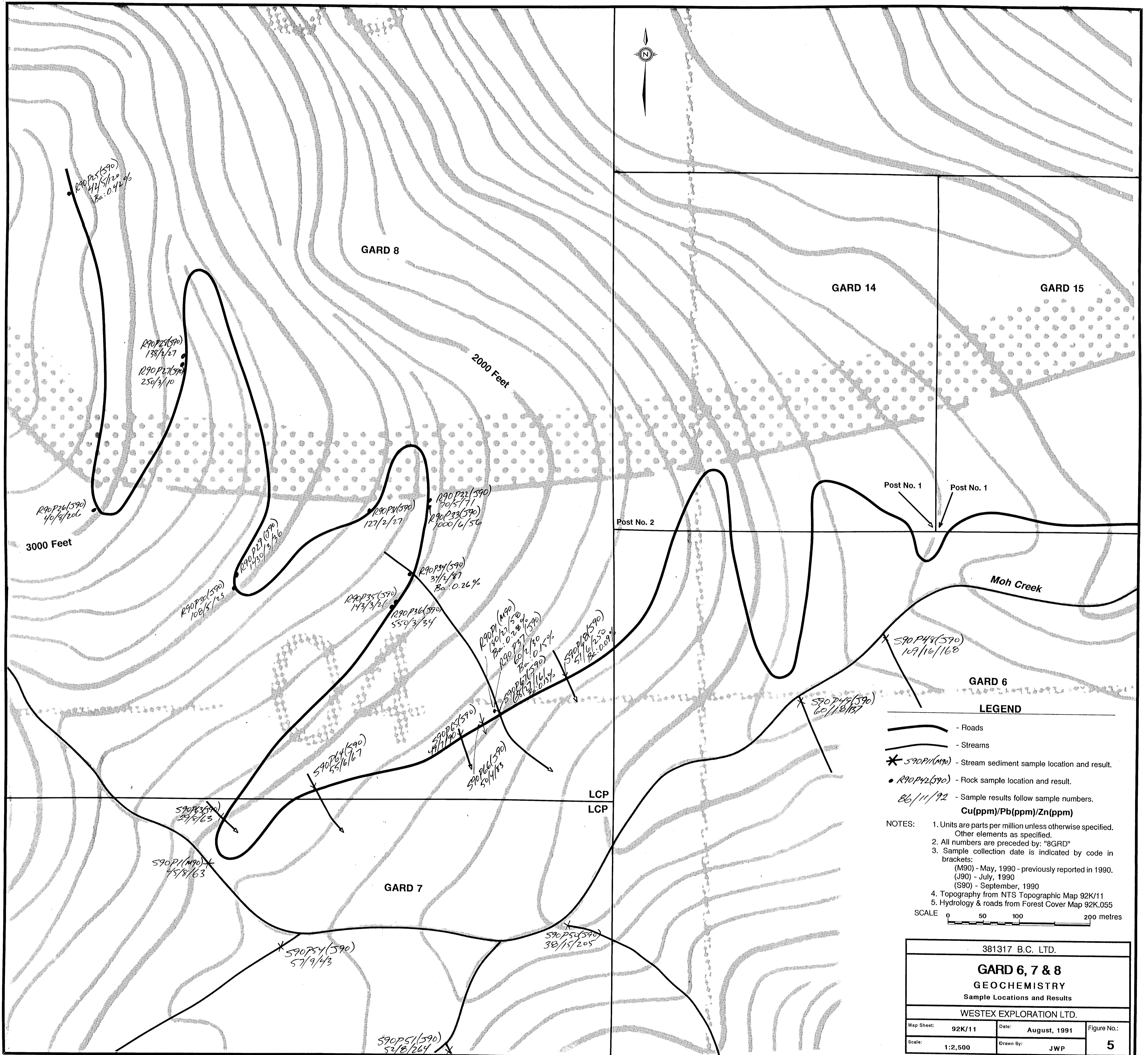
SCALE 0 100 200 400 metres

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**21,585**

381317 B.C. LTD.			
<b>GARD 3 &amp; 4</b>			
<b>GEOCHEMISTRY</b>			
Sample Locations and Results			
WESTEX EXPLORATION LTD.			
Map Sheet:	92K/11	Date:	August, 1991
Scale:	1:5,000	Drawn By:	JWP
			<b>3</b>





**LEGEND**

- Roads
- Streams
- \* S90P11(M90) - Stream sediment sample location and result.
- R90P42(S90) - Rock sample location and result.
- B6/11/92 - Sample results follow sample numbers.

**NOTES:**

1. Units are parts per million unless otherwise specified. Other elements as specified.
2. All numbers are preceded by "8GRD"
3. Sample collection date is indicated by code in brackets:
  - (M90) - May, 1990 - previously reported in 1990.
  - (J90) - July, 1990
  - (S90) - September, 1990
4. Topography from NTS Topographic Map 92K/11
5. Hydrology & roads from Forest Cover Map 92K.055

SCALE 0 50 100 200 metres

381317 B.C. LTD.			
<b>GARD 6, 7 &amp; 8</b>			
<b>GEOCHEMISTRY</b>			
Sample Locations and Results			
WESTEX EXPLORATION LTD.			
Map Sheet:	92K/11	Date:	August, 1991
Scale:	1:2,500	Drawn By:	JWP
			Figure No.: <b>5</b>

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

21,585