

092J/6

820452

REPORT ON PROPERTY EXAMINATION OF  
THE SPECTRUM GROUP: PEMBERTON AREA  
P. HOLBEK - OCTOBER 20, 1982

CLAIMS, LOCATION AND ACCESS:

Four, twenty unit claim blocks comprise the Spectrum group. Claims are located on an unnamed mountain south of the Ryan River, twenty kms west of Pemberton Meadows and 35 kms north, northwest of Whistler. The area is covered by N.T.S. map sheet 92J/6E and is within the Lillooet M.D. Claims are 100% owned by Great Western Petroleum Corp.

Helicopter bases are located at both the towns of Whistler and Pemberton Meadows. The property can also be accessed by a logging road along the Ryan River.

GEOLOGY:

Granitic intrusives of the Coast Crystalline Complex underlie the property area. The main intrusive phase has been cut by aplite and felsite dykes and sills, and later basaltic dykes. A northwesterly trending fault transects the property and has produced a moderate to intensely altered shear zone up to one km wide and five kms long. Alteration consists of brecciation and silicification, with variable development of sericite and sulphides.

Previous exploration was focused on sparse, but locally impressive, copper-molybdenum mineralization. Recent work has demonstrated some precious metal potential. Although gossanous alteration zones frequently contain anomalous, but sub-economic, gold-silver values, the highest assays (15 ppm Au; 56 ppm Ag) have been obtained from narrow chalcedonic quartz veins in weakly altered rocks peripheral to the main shear zone. Samples collected by R. Dujardin and P. Holbek during a brief property examination of the main shear zone yielded weakly anomalous results.

CONCLUSIONS

Hydrothermal alteration and mineralization along a young fault has produced interesting base and precious metal values. Work to date has been largely restricted to easily accessible outcrops along ridge tops and alpine meadows. Detailed prospecting and sampling at lower elevations on the rugged north and south slopes is required before a complete geological assessment can be made.

Lack of potentially economic mineralization over a reasonable size area negates the possibility of an option agreement. However, because of easy access and earmarks of potentially productive epithermal mineralization, the property remains of interest.

TABLE I

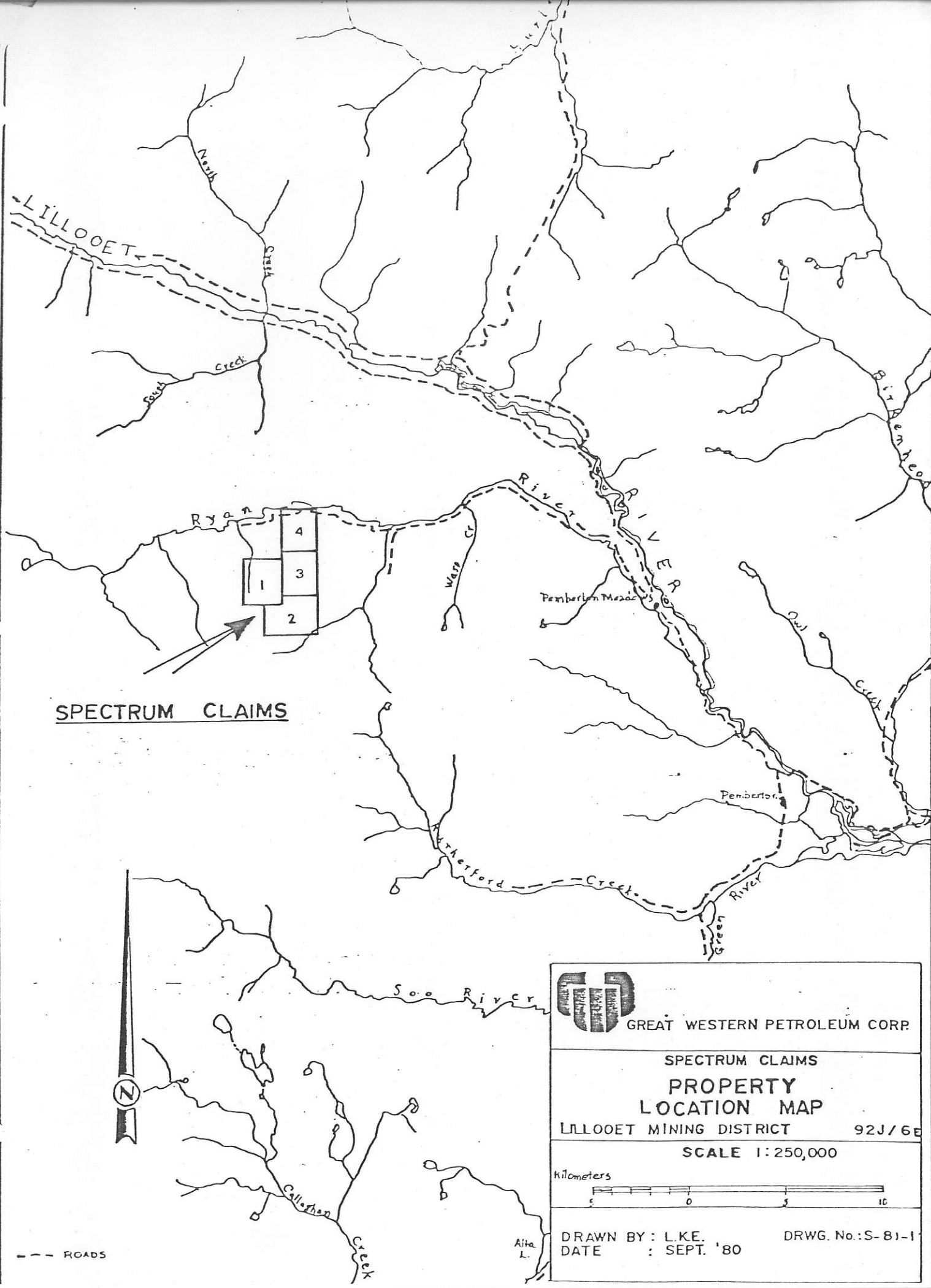
GEOCHEM RESULTS SPECTRUM SAMPLES COLLECTED SEPTEMBER 16, 1982

	<u>Ag ppm</u>	<u>As ppm</u>	<u>Au ppb</u>	<u>Location</u>
D82-SP1	0.4	5	25	
R82-SP2	2.4	2	85	
R82-SP3	0.3	3	35	
R82-SP4	0.4	40	30	
D82-SP5	0.7	32	50	
S82-SP6	3.2	5	50	
S82-SP7	0.6	4	30	
R82-SP8	1.6	6	85	
R82-SP9	1.8	3	130	
R82-SP10	0.2	2	10	

D - Soil

S - Stream Silt

R - Rock



SPECTRUM CLAIMS



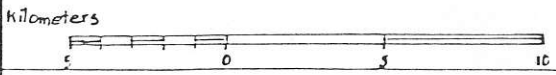
--- ROADS



GREAT WESTERN PETROLEUM CORP.

SPECTRUM CLAIMS  
**PROPERTY  
 LOCATION MAP**  
 LILLOOET MINING DISTRICT 92J/6E

SCALE 1:250,000



DRAWN BY: L.K.E.  
 DATE: SEPT. '80

DRWG. No.: S-81-1

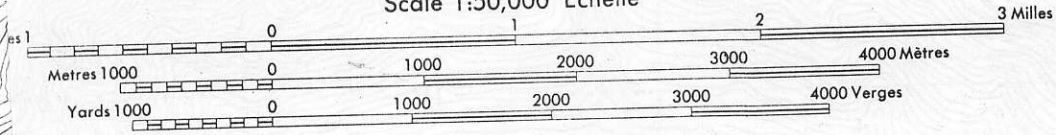
# SPECTRUM CLAIMS

## RYAN RIVER

92J/6E

LILLOOET LAND DISTRICT  
BRITISH COLUMBIA

Scale 1:50,000 Échelle



CAMP

River

REZ-SP4  
DBZ-SP5

EAST RIDGE

Icefield

REZ-SP10

REZ-SP3

DBZ-SP2

DBZ-SP1

REZ-SP9

REZ-SP8

SBZ-SP6

SBZ-SP7

123°06'

A N G E S

DL

Runoff

PROJECT No.: Spectrum

MIN - EN Laboratories Ltd.

DATE: Sept. 1

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2

ATTENTION: L. Eccles

PHONE (604) 980-5814

1982.

Sample Number	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb				
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160
2E0093	2	15	25	20			22.5					15000				← EAST RIDGE
2E0094	4.4	44.70	6	14			3.4					100				
2C4055	10.30	64.0	7.5	1.2			4.10					19.0				NEAR RR2-SP 10
2C4050	1.4	26.5	1.4	2.1			2.3					5				
2C4063	2.3	3.7	.8	.6			0.6					5				
2E0090	4	38.30	1.8	5.3			5.8					5				
2E0092	2	4.2	1.6	2.6			5.60					8000				← EAST RIDGE
2C4054	1.8	1.6	1.0	.6			1.1					4.0				
2C4056	4.20	74.00	1.3	6.4			7.6					7.0				
2C4053	.9	3.30	.8	1.0			0.8					5				
2C4061	2.05	54.00	.9	1.0			2.05					85				CAMP AREA
2E0095	2	28.5	6.2	4.2			1.16					13.60				NEAR RR2-SP9
2E0091	2	4.4	3.6	5.2			1.3					5				←
2C4046	.6	1.3	1.6	2.7			2.0					2.80				← EAST RIDGE
2C4049	.5	.92	1.8	1.6			1.0					5				
2C4052	2.55	5.3	4.0	1.2			1.0					5				
2C4051	.5	1.94	1.5	8.7			1.8					5				
2E109	8.8	24.80	1.5	1.0			1.6					9.5				
2E0096	3.6	9.7	6.4	.8			0.8					5				
2E101	7.6	3.7	3.9	4			0.7					10				
2E103	2	1.77	1.6	5.7			0.6					5				
2E104	3	29.5	3.4	12.5			1.5					20				
2C4047	1	1.2	.8	4.3			0.3					10				← EAST RIDGE
2C4048	3.2	1.2	2.0	1.1			0.5					1.5				
2C4060	5.35	22.40	1.4	3.1			1.16					2.60				CAMP AREA
2C4058	17.00	60.00	1.4	4.0			2.45					1.650				CAMP AREA
2E0097	9.6	12.6	1.2	1.0			0.8					1.10				
2E106	.5	4.3	1.1	1.0			0.6					20				
2C4057	5.0	21.6	1.2	.6			0.4					1.5				
2E0098	1.30	6.7	3.25	.8			1.2					6.5				

\*Some of these samples should have been requested for assay.

CERTIFIED BY

COMPAN Great Western Petroleum

GEOCHEMICAL ANALYSIS DATA SHEET

FILE No. 2-68

PROJECT No.: Spectrum

MIN - EN Laboratories Ltd.

2082

DATE: Sept.

ATTENTION: L. Eccles

705 WEST 15th ST., NORTH VANCOUVER, B.C. V7M 1T2  
PHONE (604) 980-5814

1982.

6	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
Sample No.	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ni ppm	Co ppm	Ag ppm	Fe ppm	Hg ppb	As ppm	Mn ppm	Au ppb			
81	86	90	95	100	105	110	115	120	125	130	135	140	145	150	160
2C4062	1360	3260	23	44			15.8					21.5			
2E108	34	16000	1580	356			15.7					110			CAMP AREA 500 M NORTH OF CAMP
2E0087	38	2110	205	42			1.2					10			
2E102	90	740	40	37			1.0					30			
2E107	6	291	26	26			0.5					5			
2E0099	118	70	8	7			1.0					15			
2E105	80	67	10	10			0.7					60			
2C4059	6	3270	16	70			13.2					6.50			CAMP AREA
2E0080	24	2090	36	190			34					70			
2E0082	4	219	80	148			2.3					5			
2E0084	2	68	18	41			1.0					5			
2E0086	55	105	96	70			1.1					10			
87	38	110	12	34			0.6					5			
88	13	202	42	690			1.6					5			
2E0089	1	238	46	166			1.5					5			
2C4041	72	52	22	19			0.5					5			
42	18	63	6	26			0.6					20			
43	1	9	8	11			0.3					10			
44	1	6	6	5			0.3					10			
2C4045	4	23	6	13			0.2					10			
2C4035	2	2820	12	40			3.2					70			
36	960	83	36	10			0.8					20			
37	8	33	10	109			0.5					5			
38	18	315	6	27			0.9					5			
39	5	45	20	101			1.0					10			
2C4040	8	129	29	54			1.0					10			
*Some of these samples should have been requested for assay.															