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Gold Commissioner's Office  
VANCOUVER, B.C.

**PROSPECTING REPORT**

**ON**

**ROCK AND SOIL SAMPLING**

**OVER THE**

**SILVERHOPE PROPERTY**

**SILVER CREEK, HOPE AREA**

**NEW WESTMINSTER MINING DIVISION, BRITISH COLUMBIA**

---

PROPERTY LOCATION : Silverhope 1-8, Silver Creek  
49° 18' 30" N  
121° 27' 51" W  
92H/6W

WRITTEN FOR VALLENAR EXPLORATION CORP.  
6<sup>th</sup> Floor, 1100 Melville Street  
Vancouver, B.C. V6E 4A6

WRITTEN BY : GERRY DIAKOW  
6<sup>th</sup> Floor, 1100 Melville Street  
Vancouver, B.C. V6E 4A6

REVISED : April 29, 2000

216235

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GEOLOGICAL SURVEY BRANCH  
MANAGEMENT REPORT

26,235

## **SUMMARY**

The Silverhope claims were prospected on December 2nd to December 4th ,1999. One day was spent on a general reconnaissance and two days specifically prospecting and soil sampling. Rocks and soil samples were assayed at Acme Analytical laboratories using a 30 element aqua regia digestion plus a atomic absorption analysis for gold.

## **CONCLUSIONS**

1. The contour soil sampling on the west side of Silverhope Creek indicates three areas of anomalous copper values.
2. The granite-volcanic contact on the east side of Silverhope Creek should be located in the field and prospected.

## **RECOMMENDATIONS**

1. Resample the areas of anomalous copper values with a closer grid spacing .
2. Explore the ground around the eastern boundary of the claim group and locate the volcanic -granite contact.

## **INTRODUCTION**

This report discusses rock sampling contour soil sampling and prospecting carried out along contours parallel to Silverhope Creek. The Silverhope claims are located

near Silver Lake within the Hope area of British Columbia. Work was carried out on the following claims: Silverhope #s 1-6, and 8.

The rock, soil sampling and prospecting was carried out by Gerry Diakow, a mineral exploration technician from December 2<sup>nd</sup> to December 4<sup>th</sup>, 1999. Three days spent exploring the Silverhope claims resulted in 6 rock samples and 33 soil samples being sent to Acme analytical laboratories.

The purpose of the prospecting and mapping was to test for copper and gold.

#### **LOCATION AND ACCESS**

The Silverhope mineral claims are located in the New Westminster Mining Division, approximately 6 kilometers south of Hope, British Columbia, National Topographic Series map reference 92H06W, latitude 49° 18' 30" N longitude 121° 27' 51" W.

Access to the property is by a hard surface industrial logging road which parallels Silverhope Creek. The Silverhope Creek road leaves the old Trans Canada Highway 2 kilometers south of Hope, British Columbia (Figure 1).

Local topographic relief varies from moderate to steep. Relief within the property ranges from 50m to 500m above sea level.

#### **PROPERTY STATUS**

The Silverhope mining property consists of 8 contiguous mineral claims comprising 200 hectares in the New Westminster Mining Division.

Map Number: 92H06W (Figure 1)

<b>Claim Name</b>	<b>Record #</b>	<b>Expiry Date</b>
Silverhope #1	369348	May 14, 2002
Silverhope #2	369349	May 14, 2002
Silverhope #3	369350	May 14, 2002
Silverhope #4	369351	May 14, 2002
Silverhope #5	369352	May 14, 2002
Silverhope #6	369353	May 14, 2002
Silverhope #7	369354	May 14, 2002
Silverhope #8	369355	May 14, 2002

### **Physiography**

The Silverhope claims are found within the Southern Coast mountains. The coast mountains extend for 1700 km, are between 100-200 km wide, and reach elevations of over 4000 m, although summits are only 2000 m, in the vicinity of the claims. The coast mountains are characterized here by steep rugged hillsides and cascading creek flows.

On the Silverhope claims, the terrain varies from near flat flood plains and creek benches to vertical cliff faces up to 300 meters in height.



## **History**

The Silverhope claims are located on the east side of Silver Peak down slope from the Crown-granted Eureka - Victoria mine.

The Eureka - Victoria property is located at 1525 meters on the north and west sides of Silver Peak. This occurrence has the distinction of being the first Crown - granted property in British Columbia. Discovered in 1868, considerable high - grade ore was shipped from then until 1874. However, no production data exists. The workings comprise several adits and a glory hole . The mine closed in 1874, due in part to transportation expenses, and in part to litigation with regard to ownership and management of the property.

In 1961, a new company was formed and a new crosscut was extended to 126 meters and a 69 - metre raise driven about 60 meters from the portal.

Vanstate Exploration Ltd. acquired an option on the 3 crown grants in 1980. In 1981, a 61 metre raise was driven from the Eureka drift and a new adit was driven 65 meters to intersect the raise. Based on this work an indicated resource of 38,000 tonnes grading 449.15 grams per tonne silver and an inferred resource of about 10,900 at the same grade were reported (Vanstate Resources Ltd. Statement of Material Facts 1983).

## Prospecting Traverses

Two traverses were undertaken on the Silverhope claims. Both traverses were started at the south end of the claim group and proceeded to the north end of the claims. The first soil sample contour line is 150 metres above Silverhope creek starting at the Silverhope #2 south claim boundary and ending at the north claim boundary of Silverhope #8. The second soil sample contour line is on the east side of Silverhope Creek starting at the south boundary of Silverhope #1 and extending 1200 metres north stopping at a talus slope on the Silverhope #5 claim (Map 1).

## COMPILATION OF SAMPLES

Sample Number	Location of Sample	Elevated Value	Comments
R1	southeast silverhope #1	.6 ppm Ag	mafic volcanic subcrop
R2	quartz diorite outcrop		sulfide rich
R3	granite with quartz veinlets		pyrite
R4	metased rock from talus	Ni 150ppm Cr 179ppm	visible sulfides
R5	granite	Au 5.7 ppb	
R6	metasedimentary rock	Cu 127 ppm	visible sulfides



## **DISCUSSION OF SOIL SAMPLES**

The contour soil sampling done along the side hill west of Silverhope Creek indicated greater values in copper and gold than the parallel line east of the creek. The higher values on the Silverhope #6 claim are particularly anomalous and should be resampled at a closer grid spacing. The soil sampling east of the creek really doesn't indicate an anomalous area.

P.03/08  
 604 253 1716 TO 6826509  
 604 253 1716 TO 6826509  
 FR ACME LABS  
 JAN 26 '00 11:59

SAMPLE#	No	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	
V1	1	153	8	51	<3	51	16	239	2.89	9	<8	<2	5	44	.4	5	<3	75	.25	.046	7	38	.73	482	.15	<3	3.96	.02	.17	<2	4.3
V2	1	26	8	46	<3	21	15	496	3.23	7	<8	<2	3	24	.2	<3	<3	71	.31	.040	8	31	.27	133	.15	<3	2.76	.01	.04	<2	.9
V3	2	79	20	59	.3	17	10	389	2.74	5	<8	<2	3	46	.4	<3	<3	86	.47	.055	6	24	.57	212	.16	<3	2.92	.02	.21	<2	3.5
V4	1	36	7	41	<3	16	8	322	2.25	5	<8	<2	3	25	.2	3	<3	74	.38	.074	6	23	.61	149	.13	<3	1.17	.03	.23	<2	2.6
V5	2	15	8	38	.3	19	9	206	2.68	6	<8	<2	2	7	<2	<3	<3	79	.10	.034	5	28	.36	73	.14	<3	1.45	.01	.04	<2	2.5
V6	4	52	5	36	<3	19	8	196	2.50	<2	<8	<2	2	7	<2	<3	<3	71	.10	.037	4	23	.45	72	.13	<3	1.92	.01	.05	3	8.5
V7	4	58	6	50	.3	30	16	303	3.45	7	<8	<2	2	10	.5	<3	4	90	.12	.033	6	33	.61	134	.20	<3	2.50	.02	.06	2	1.4
V8	2	53	6	55	.5	39	13	243	3.40	7	<8	<2	3	10	<2	<3	<3	101	.13	.056	5	50	.64	104	.14	<3	3.03	.01	.06	2	2.6
V9	1	64	<3	24	<3	15	7	191	1.99	5	<8	<2	3	11	<2	<3	<3	64	.12	.033	6	20	.48	128	.11	<3	1.89	.02	.07	3	1.9
V10	4	55	5	34	.5	22	9	268	2.56	8	<8	<2	4	13	.3	3	<3	80	.18	.051	7	31	.56	111	.12	<3	2.20	.02	.10	2	2.2
V11	10	34	7	59	.5	42	11	221	3.20	8	12	<2	3	11	.2	<3	<3	82	.17	.057	8	48	.59	86	.11	<3	2.52	.01	.06	15	11.7
V12	2	34	7	38	.5	17	9	200	3.52	9	<8	<2	4	14	<2	<3	<3	130	.14	.101	5	39	.54	113	.16	<3	2.87	.02	.10	<2	6.7
V13	1	80	4	37	<3	21	10	308	2.31	14	<8	<2	4	30	<2	<3	<3	68	.22	.061	6	32	.66	193	.13	<3	1.71	.02	.20	4	4.6
V14	1	26	4	48	<3	28	11	234	4.00	10	<8	<2	4	11	.3	4	<3	149	.13	.100	6	51	.60	99	.14	<3	2.68	.02	.10	<2	3.3
V15	10	188	7	59	.4	35	11	430	3.06	9	11	<2	4	12	<2	<3	3	80	.19	.078	8	44	.68	108	.14	<3	2.56	.02	.10	3	4.0
V16	3	62	11	76	<3	31	10	648	2.92	8	<8	<2	2	17	.4	<3	<3	65	.24	.078	6	35	.36	166	.11	<3	2.34	.01	.06	<2	15.1
V17	4	47	8	55	<3	35	11	255	3.34	12	<8	<2	4	9	.4	<3	<3	81	.13	.105	7	45	.57	75	.13	<3	3.09	.01	.06	<2	2.4
V18	13	241	9	59	<3	65	13	251	3.54	7	10	<2	5	11	<2	<3	<3	84	.15	.040	8	54	.72	117	.14	<3	3.12	.01	.06	16	1.5
V19	3	47	<3	30	<3	20	8	221	2.00	6	<8	<2	2	13	<2	<3	<3	55	.21	.063	5	28	.54	89	.11	<3	1.70	.01	.06	2	2.0
V20	1	21	6	57	<3	34	11	382	2.89	6	<8	<2	3	8	.3	<3	<3	78	.12	.102	7	40	.50	113	.11	<3	2.52	.01	.05	<2	12.6
RE V20	1	22	7	58	<3	33	11	383	2.90	5	<8	<2	3	8	.4	<3	<3	78	.12	.103	7	41	.50	114	.12	<3	2.55	.01	.05	<2	2.4
V21	1	19	6	58	<3	46	14	494	3.72	4	<8	<2	3	11	.3	<3	<3	87	.16	.028	9	49	.42	140	.14	<3	2.37	.01	.07	<2	1.5
V22	<1	16	16	86	<3	13	8	4040	2.02	5	<8	<2	2	29	<2	<3	<3	55	.42	.207	4	19	.37	428	.13	<3	1.56	.02	.09	<2	.3
V23	1	29	4	56	<3	15	11	378	2.87	2	<8	<2	5	20	.3	<3	<3	91	.30	.106	6	26	.72	200	.19	<3	1.77	.03	.12	<2	8.9
V24	1	46	7	63	<3	23	12	356	2.88	7	<8	<2	4	18	<2	<3	<3	89	.19	.073	6	33	.74	184	.21	<3	2.33	.02	.13	<2	1.9
V25	1	42	6	56	<3	27	11	294	2.74	5	<8	<2	4	17	.2	<3	<3	82	.16	.065	4	35	.76	174	.20	<3	2.38	.02	.13	<2	1.6
V26	1	29	8	59	<3	21	11	478	2.81	2	<8	<2	3	14	<2	<3	3	85	.17	.105	5	30	.62	174	.18	<3	2.13	.02	.08	<2	1.5
V27	<1	29	10	59	.3	15	12	516	3.19	2	9	<2	4	19	<2	<3	<3	97	.29	.096	5	24	.75	176	.22	<3	2.09	.03	.10	<2	1.3
V28	<1	24	8	62	<3	15	12	382	3.00	6	<8	<2	3	18	<2	<3	3	87	.32	.170	4	21	.80	193	.19	<3	1.73	.02	.13	<2	1.1
V29	<1	30	<3	52	<3	14	12	301	3.22	3	<8	<2	4	18	<2	3	<3	100	.26	.094	5	21	.86	137	.24	<3	2.26	.02	.13	<2	1.4
V30	<1	22	14	65	<3	17	10	664	2.74	3	<8	<2	2	26	.2	3	<3	85	.46	.115	4	23	.57	257	.18	<3	1.98	.02	.10	<2	1.3
V31	<1	28	3	60	<3	9	12	701	3.23	4	10	<2	5	31	<2	<3	3	87	.57	.242	6	17	.89	341	.24	<3	2.37	.03	.25	<2	1.1
V32	2	34	9	68	<3	34	13	328	3.00	4	35	<2	3	17	.3	<3	3	91	.21	.077	7	40	.68	229	.16	<3	3.13	.02	.20	<2	3.4
V33	1	20	13	113	<3	29	12	1229	2.76	3	<8	<2	2	26	.3	<3	<3	66	.40	.353	5	37	.43	437	.11	<3	2.07	.01	.10	<2	2.3
STANDARD DS2	15	144	36	162	<3	40	14	871	3.70	62	19	<2	4	32	12.4	9	11	91	.61	.091	19	190	.67	165	.11	<3	2.02	.04	.18	8	221.3

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; NO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
 - SAMPLE TYPE: SOIL AU\* BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)  
 Samples beginning 'RE' are Retruns and 'RRE' are Reject Retruns.

DATE RECEIVED: JAN 5 2000 DATE REPORT MAILED: *Jan 18/2000* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only. Data FA

P.03  
 RECEIVED FROM: 604 253 1716  
 01-26-00 13:01



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
R1M 605164	1	58	8	70	<.3	39	13	956	2.28	16	<8	<2	3	68	.3	<3	<3	74	.59	.021	5	54	1.00	217	.13	<3	2.17	.31	.59	3	3.5
R5M 605166	2	13	6	10	<.3	2	<1	31	.47	6	<8	<2	3	1	<.2	<3	3	2	.01	.005	6	13	.01	6	<.01	<3	.23	.07	.13	2	5.7
R6M 605167	2	127	5	39	.5	61	27	278	4.71	2	8	<2	<2	60	<.2	<3	<3	144	1.35	.296	17	72	1.30	274	.25	<3	2.26	.18	1.00	<2	.9
																		15	.16	.025	4	8	1.05	112	.03	<3	1.63	.12	.25	2	1.4

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716  
 (ISO 9002 Accredited Co.)



GEOCHEMICAL ANALYSIS CERTIFICATE

Diakow, Gerald PROJECT WET COAST File # A000072

1537 - 56th St., Delta BC V9M 3H6 Submitted by: Gerald Diakow



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	Hg	Sc	Tl	S	Ga	Au*	Pt
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	ppb
R1M 605162	1.0	66	24	91	.6	52	18	326	2.62	2	<1	<1	<1	8	.2	2.0	.9	99	1.21	.059	1	78	1.05	32	.202	4	1.34	.148	.06	1	<1	8.0	<1	.15	6	2.1	<2
R2M 605163	.8	61	5	44	.1	45	16	328	2.38	1	<1	<1	<1	9	<.2	<.5	101	1.27	.057	1	73	1.02	14	.206	2	1.32	.162	.05	<1	<1	8.1	<1	.11	6	<.2	<2	
R4M 605165	3.4	30	4	36	.1	150	16	230	1.75	151	<1	<1	<1	108	<.2	.8	<.5	77	1.54	.077	3	179	1.49	192	.072	2	3.74	.324	.62	1	<1	3.0	<1	.06	10	1.1	2
RE M 605165	3.4	31	4	36	.1	157	17	245	1.79	152	<1	<1	<1	111	<.2	.5	<.5	80	1.59	.080	4	187	1.53	200	.079	2	3.90	.337	.64	1	<1	3.2	<1	.06	10	1.0	<2

GROUP 10X - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY OPTIMA ICP-ES.  
 UPPER LIMITS - AG, AU, HG, U = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPM  
 - SAMPLE TYPE: ROCK AU\* & PT BY ACID LEACHED, ANALYZE BY ICP-MS. (10 gm)  
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 7 2000 DATE REPORT MAILED: Jan 28/2000 SIGNED BY: *C. Toy* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

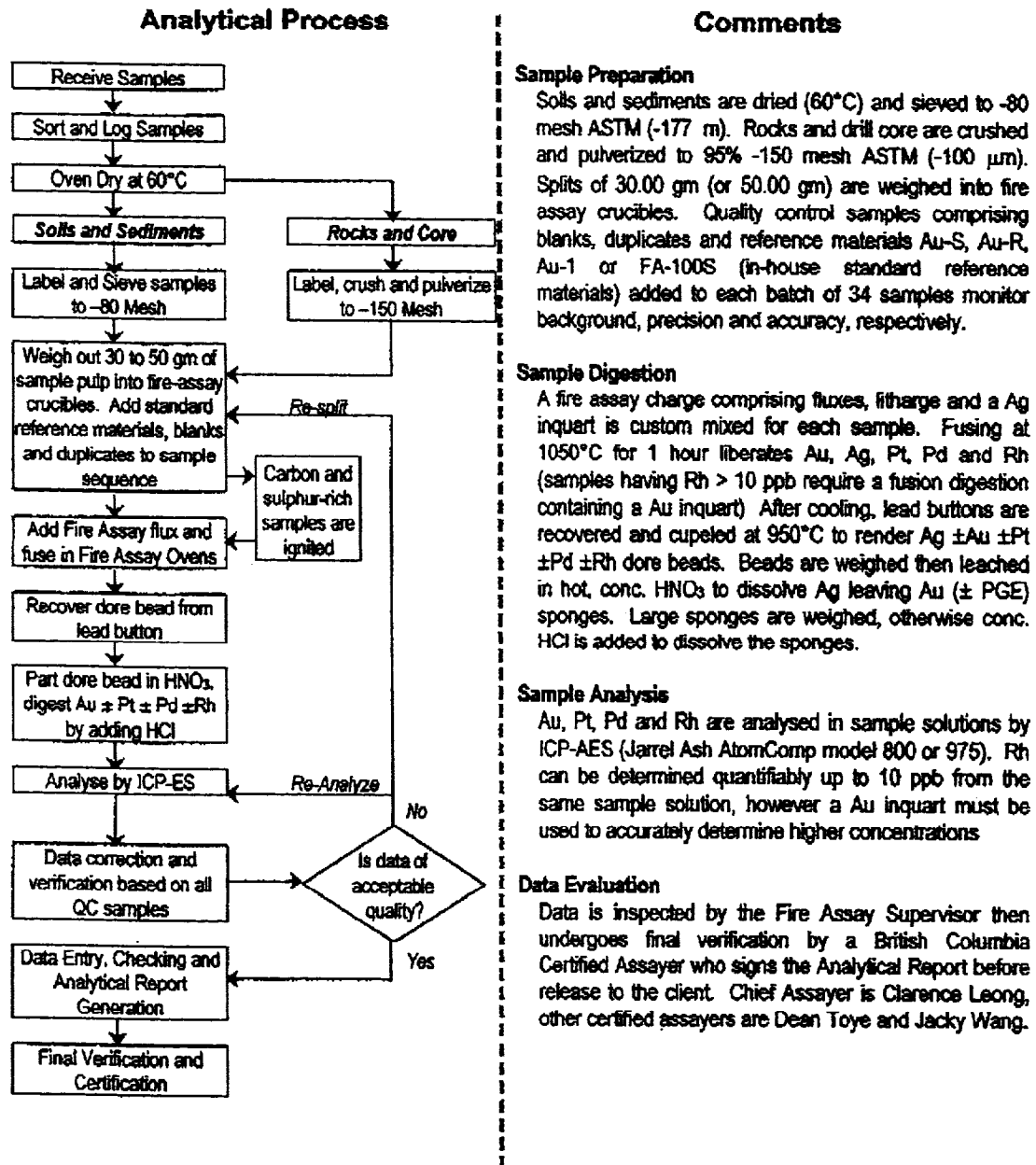
67

# ACME ANALYTICAL LABORATORIES LTD.



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## METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 3B - PRECIOUS METALS BY FIRE GEOCHEM



**STATEMENT OF QUALIFICATION STEPHEN G. DIAKOW**

1. I attended Vancouver City College and the University of British Columbia completing courses leading to a B.C. in chemistry.
2. Studied Civil and Structural Engineering at British Columbia Institute of Technology.
3. I have worked in Mineral Exploration for the past 34 years . Including the major companies Union Carbide Mining Exploration, Canadian Superior Mining Exploration and Anaconda Mining Exploration.
4. I have received 3 British Columbia prospector assistance grants, the first from Dr. Grove in 1975 and last in 1998.

**S.G.DIAKOW**

**AFFIDAVIT OF EXPENSES**

Prospecting and general reconnaissance was carried out within the Silverhope claims belonging to Vallenar Exploration Corp., from December 2nd to December 4th, 1999 located at Silver Lake in the Hope area within the New Westminster Mining Division, British Columbia, to the value of the following:

**Mob/Demob:**

**Field:**

1 men, 3 days @ \$300/day	\$900.00
Room & board, 3 days @ \$140/day	\$420.00
Truck & fuel,. 3 days @ \$100/day	\$300.00
	<b>\$1620.00</b>

**Laboratory**

6 rock samples@ \$18.75	\$112.50
33 soil samples @ 18.70	\$617.21
	<b>\$729.60</b>

**Report**

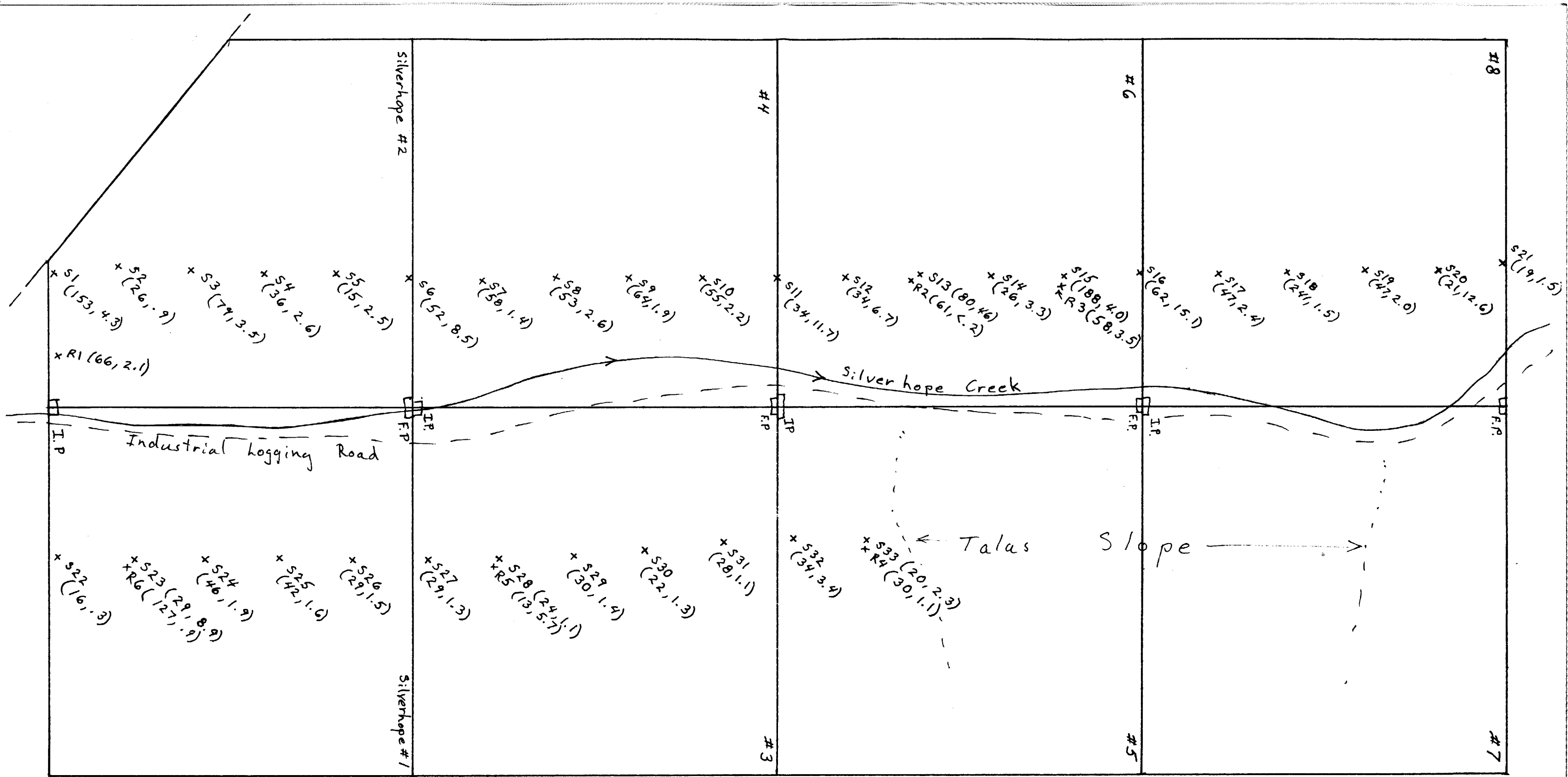
Grand total: **\$2349.60**

Respectfully submitted ,

**S.G. Diakow**

Project Manager





0 100 200 300 400 500 metres

Scale in Metres

VALLENAR EXPLORATION CORP.			
Silverhope Claims 1-8			
Silver Lake			
New Westminster M.D., B.C.			
Sample Location Map			
Drw. G.D.	NTS	92H/6W	April 29/00
			Map 1

Legend

- S1 - Soil Sample #1  
(40, 2.3) - (Cu ppm, Au ppb)
- R1 - Rock Sample #1  
(30, 1.1) - (Cu ppm, Au ppb)

