

5871

Drilling Report

by Albert Falkenstein

'Reno group'

- # 1 CLAIM GROUP
- # 2 DRILL HOLE LOCATION
- # 3 LOCATION MAP
- # 4 Location Map

Department of	
Mines and Petroleum Resources	
ASSESSMENT REPORT	
NO. 5871	MAP

Keremeos June 23rd 1976.

~~Text~~

To qualify as a Prospector and diamond driller, I have to write down my history; Born in Germany Nov. 30th 1895. on a medium sized farm my dad was a contractor for brick factory and smokestacks. once at excavation for a 50 meter high smokestack, they found a big block of pyrrhotite, rich in Kupfernickel, (pentlandite) my dad brought home a <sup>a</sup> large chunk of it; I was so excited, at high school, I took up agriculture and mineralogy, in 1914 war broke out, and I had to serve the army, Nov. 1918, I was discharged, in poor health, in 1921 I went to Hattingen Ruhr valley. studied Geology and Mineralogy, in 1922 I had to put in physical work, joined a crew of five to blast a vent 6 meter in diam. from 6th to 4th level, where I had to ~~work~~ work with jackhammer and diamond drill, on one day, after clearing the platform, I started to drill the ceiling, little slivers of rock fell on my head, the men next to me hollered, "sargnaegel, means (Coffin nails) and grabbed my arm and pulled me quick away, not too soon, moments later a heavy rock about 70 pounds came down, I looked at it and said a meteorite, they said there are lots of them; I kept close <sup>r</sup> track of the trail, about 25 ft. upward came a coal seam 2 in. thick, streak as a <sup>e</sup> level, that gave me to think, "this must have been the surface of the earth one time. but 600 meter of slate and sandstone above me, puzzled me. here in Canada, I have solved this; about this later; in 1922 the inflation got wild, I had to quit and look for a job to make a living. I decided to get out, to Argentina, I bought a ticket, but I could not get a berth; in spring of 1927, I got a letter from Canadian Steamship, I should not go to ~~Canada~~ Argentina but should come to Canada, I got for \$10 160 acres and be a wealthy farmer; I saw this as The Lord's guidance and in 4 weeks later I

2) I landet in Canada. got a job as automechanik, In 29 the depressia-  
tion startet, and I had to work at on a 10 hr, <sup>day</sup> basis and 10 cent  
~~hr.~~ an hr. in 1930 the duststorms drove the farmers north to Peace=  
river, I joined them to. The winter 1933-34 wuz the coldest inCanada  
New years day 70 below cero;;; my faca and hand frozen, lost my  
voice, Doctors order, a milder climate; I came to Vancouver 1934  
2 or 3 years later I read in the Province, Chamber of mines start  
prospecting curses, at evenings, I wuz eager to lern where minerals  
could be locatet, an weekends I hit the Hills, I had alot to lern,  
during the War in 1942, I wuz sendet to lokate strategic minerals  
Tungsten, Asbestus, in the Nahatalet region, in 1943 I discovered  
a 4 ft. wide vain of crysotile asbestos above timberline 6000 ft.  
it wuz over 40 miles from transportation, to far, after the war i  
got my job at the waterfront, on weekends and slack of work, I hit  
hills, in 1952 I discovered this nickel deposed, Patinum, Gold, Sil=  
ver, Manganese and somme Tungsten, Years later, I discovered nickel=  
seepage at the bottom of the hill. I boughta TD Bulldozer TD6; worked  
15-20 ft. down of iron oxide and manganese oxide, with crusting of  
magnsium calcium and zink. <sup>h</sup> tis gaveme the idee higher up must be Wo  
I tok samples from contact rock, close to andesite and tok a spectro=  
raphf, a cpie will be in this report; On the upper side of the working  
I sah a dark green Pyroxenite, I noticed white salt, I ppit an it  
put Demtylglyoxime on and stired it with a knifblade, it turned red  
like a cherry. I scupped it up and filled somme glassjars full, went  
to Vancouver, sah the Assyer John Williams, he contactet Charly  
maddin a promoter, hecontactet the late Christoffer Reily He tok  
Robert E. Delavault, teaching at UBC. geaologi, thy came out and

3)checked it over vor a week Reily typed out a option for 2 Years to sell the claims.the Broker did not agree to sell. I asked a Diamonddriller<sup>1</sup>to drill in the sheerzone, he told me, for even \$20 a foot he wuld not drill. I bought a XRAY  $\frac{3}{4}$  core 90 ft. drillrod and 30 ft. casing. I managed to get 60 ft. in westnorthwest direction mineralised water running out depositing a red brown slush. Last Year on the same spot 20 degrees northwest, 84 ft deep I drilled; 5 years ego I moved the Drill on top, drilled a few shalow holes 20-30 ft deep. an did it all allone. I like to see any Diamonddriller who can beat me. Now about the cost;

Horizontal drilligg is very slow. I mark allways before I pull the drillrod,with a dull file on<sup>i</sup>rotating drill<sup>l</sup>flush with the casing; to make sure, no core is left behind. if in dowbt I use the corepicker push it hart against the end, take all the rod out again put the bitt on<sup>l</sup>again sommetims after pulling the rod a fractien rock drops douwn then I have to drill throgh tis piece 2in. losen the rod again and push carfully to the end, this happens quiteoften in horizontal drillr<sup>o</sup>ling. The price I made of \$872 is 3 times as low, any Driller wuld have done. Now please excuse my writing, I am no Steno, but a one Finger artist. I hope this should be allright.

Yours truly

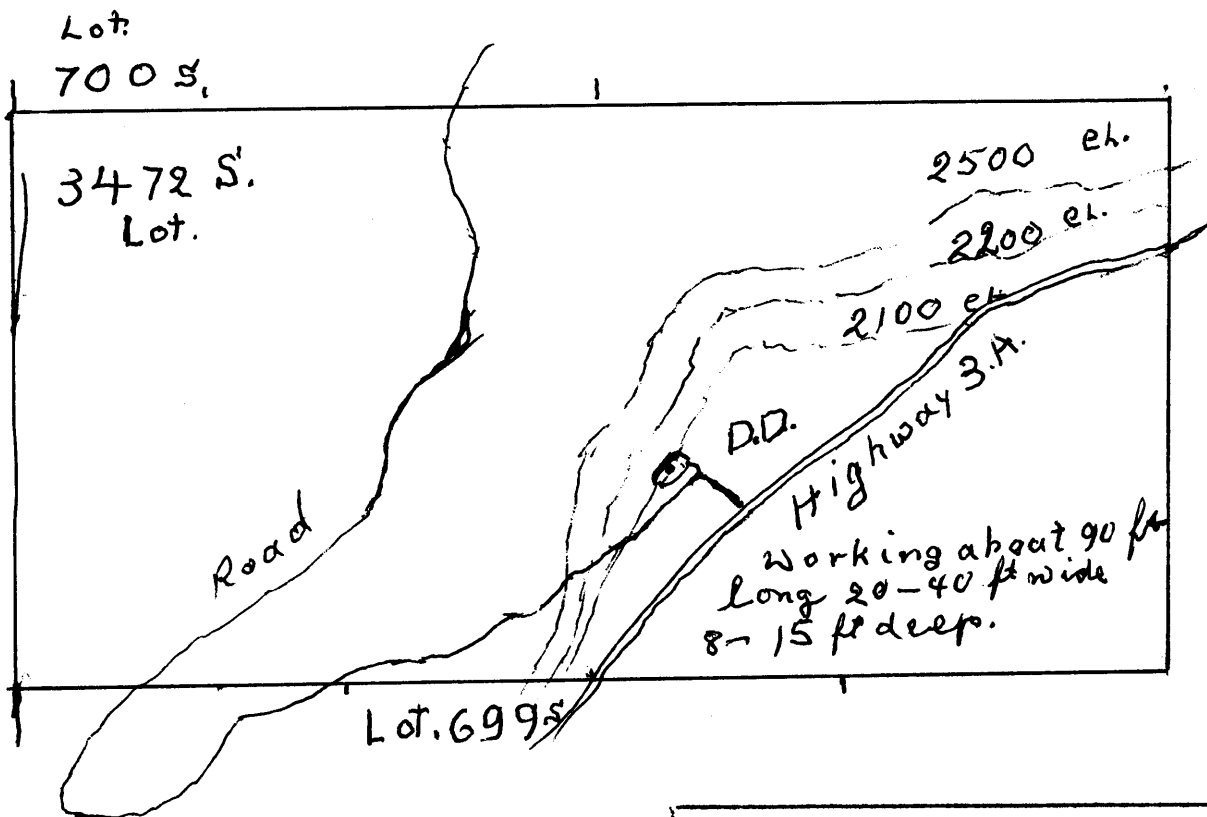
  
Albert Falkehstein

The 84 ft. hole I drilled, horizontal, one degree incline, to flush the hole; Direction, 20 degree northwest true compass. Log; Approx. 50 ft. gray dolomite, approx. 30 ft. pyroxinite, black chert, probably polianite manganese, the last 2 1/2 ft. minerals, like garnierite, millrite nickel increased strongly. the core I keep in my garage.

Yours truly

*Albert Falkenstein*  
Albert Falkenstein

Box 4 Keremeos B.C.



Department of  
Mines and Petroleum Resources  
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Itemized cost of drilling.

Drillers wages	\$7,00	140 hr.	- - - - -	980,00
Diamond bitt	2	\$62,00	- - - - -	124,00
Gas oil		15,00	- - - - -	15,00
depreciation of drill,	\$140		- - - - -	140,00
				<u>\$1179,00</u>

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May 28, 1954.

██  
Mr. A. Falkenstein,  
Vancouver,  
B. C.

Dear Sir:

We give below the results on a Qualitative Spectro-  
graphic Examination made on ORE sample submitted:-

Carbon Dioxide )	Major Constituents
Oxygen )	
Calcium )	
Aluminum )	
Iron )	Intermediate
Magnesium )	
Sodium )	
Titanium )	1%
Strontium )	
Tungsten )	0.1%
Zirconium )	
Manganese )	
Potassium )	
Rubidium )	
Chromium )	
Barium )	
Vanadium )	
Lithium )	0.01%
Ytterbium )	
Nickel )	
Cobalt )	
Cerium )	
Neodymium )	
Thorium )	0.001%
Beryllium )	
Tin )	
Terbium )	
Silver, less than )	
Uranium )	



VIDEND MTN.

F.B. 3337-13-14

L. 2415 S  
RES. 0159034

Fish  
L. 977

L. 1712  
C.G.

L. 2988  
C.G.

South Keremeos Cr.

Dry Gulch

Loak Cr.

Cedar Cr.

Olalla

1957

Reno Gout

L. 700S  
C.G.

L. 3472 S  
C.G.

L. 699 S  
C.G.

I.R. Keremeos  
12<sup>A</sup> Forks

I.R. 12  
"KEREMEOS FORKS"

L. 2989  
C.G.

L. 2104 S  
C.G.

L. 2978  
C.G.

L. 2993  
C.G.

L. 940 S  
C.G.

L. 259 S

L. 2992  
C.G.

L. 2991  
C.G.

L. 2977  
C.G.

L. 2990  
C.G.

Department of  
Fish and Game  
Division of  
Wildlife Management  
7T208.

August 12, 1976

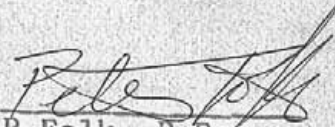
DIAMOND DRILL REPORT RENO 1-8

CLAIMS OSOYOOS MINING DIVISION

Record numbers 60546 to 6057G  
9237H, 9238H, 9499N, 9500N  
Map 82E 5W

While on a routine property examination the writer was asked to log 84 feet of diamond drill core to comply with regulations governing assessment work under the mineral act. The x-ray size core is located at the owner's (A. Falkenstein) cabin on the property. In the company of Mr. Falkenstein, a drill site was examined where a hole was collared 300 feet at 122 degrees azimuth from the initial post of reno #8 claim. The hole was approximately horizontal and drilled at 340 degrees azimuth into a steep hill side. Both core and drill site were in fairly good order.

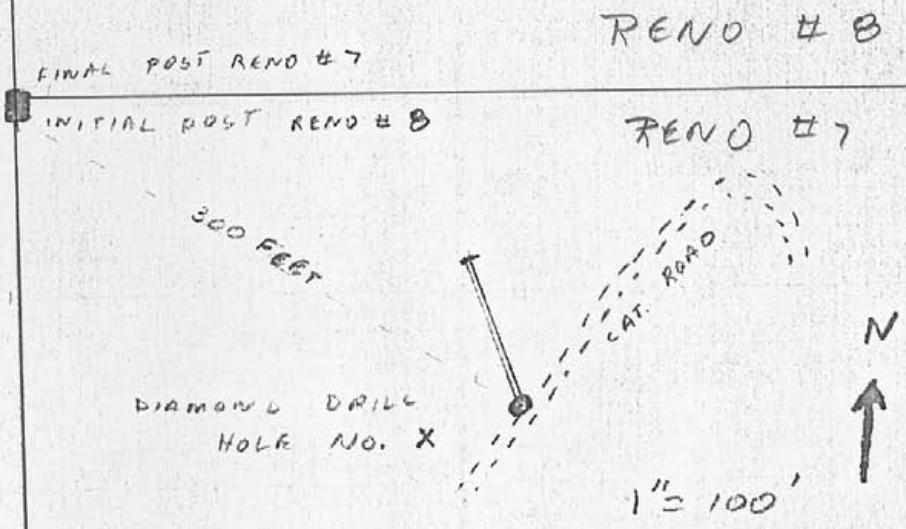
No cost statement is included; that having apparently already been provided by Mr. Falkenstein.

  
P. Folk, P. Eng.  
Geologist

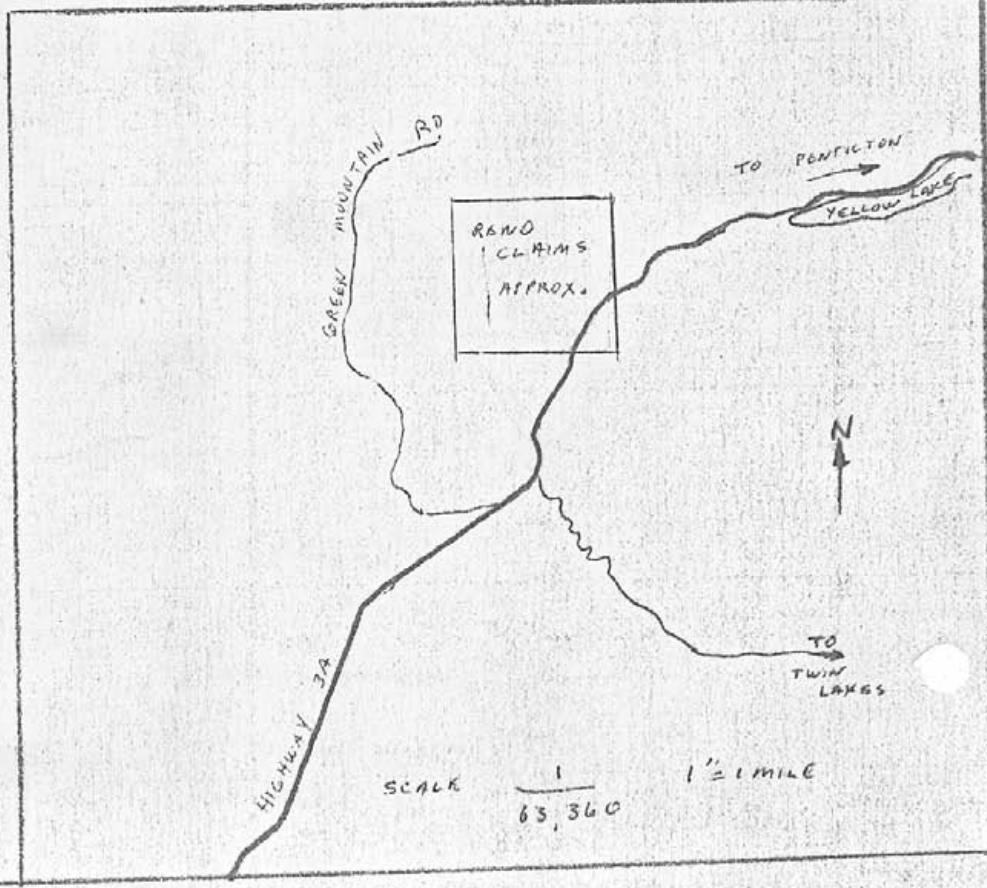


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NO. 5871 MAP #4



LOCATION MAP



## DIAMOND DRILL LOG. HOLE NO. X

FOOTAGE	GEOLOGY	RECOVERY %
0-15	LIGHT GREEN FINE GRINED PORPHYRITIC GREENSTONE WITH FINE CLAY ALTERATION OF FELDSPAR PSEUDOCRYSTS, SOME BRECCIATION, MANGANESE STAINING, TRACES LIMONITE, PYRITE ON FRACTURES. TRACES CARBONATE, CALORITIC ALTERATION OF MAFIC MINERALS.	55%
15-37	AS ABOVE.	50%
37-42	BLACK FRAGMENTAL CHERT MINOR GREENSTONE. MANGANESE STAINING AND OXIDES	55%
42-50	ALTERED GREENSTONE, MINOR CHERT.	38%
50-72	NEARLY POOR RECOVERY, ALTERED GREENSTONE BRECCIA	20%
72-84	ALTERED GREENSTONE AS ABOVE PLUS MANGANESE OXIDE WITH CHERT FRAGMENTS 1-2% FINELY DIVIDED PYRITE. VUGS IN CHERT BRECCIA, LIMONITE AND CARBONATE COATINGS. SLUDGE SAMPLE CONTAINS ABUNDANT MANGANESE OXIDES.	20%

E.O.H.

*Peter Folk*  
P. FOLK, P.A.N.U.



CERTIFICATE

I, Peter G. Folk, Box 431, 3rd Avenue, Keremeos, B.C.  
do hereby certify that:

1. I am a graduate in Geological Engineering of the University of British Columbia (1971)
2. I have been a practicing Geologist since graduation and am presently employed as Mine Geologist for Dankoe Mines, Keremeos, B.C.
3. I am a member in good standing of the Association of Professional Engineers of the Province of British Columbia.

August 5, 1976

  
Peter G. Folk, P.Eng.