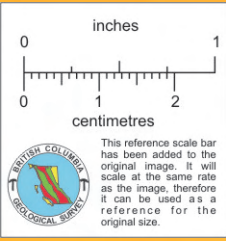
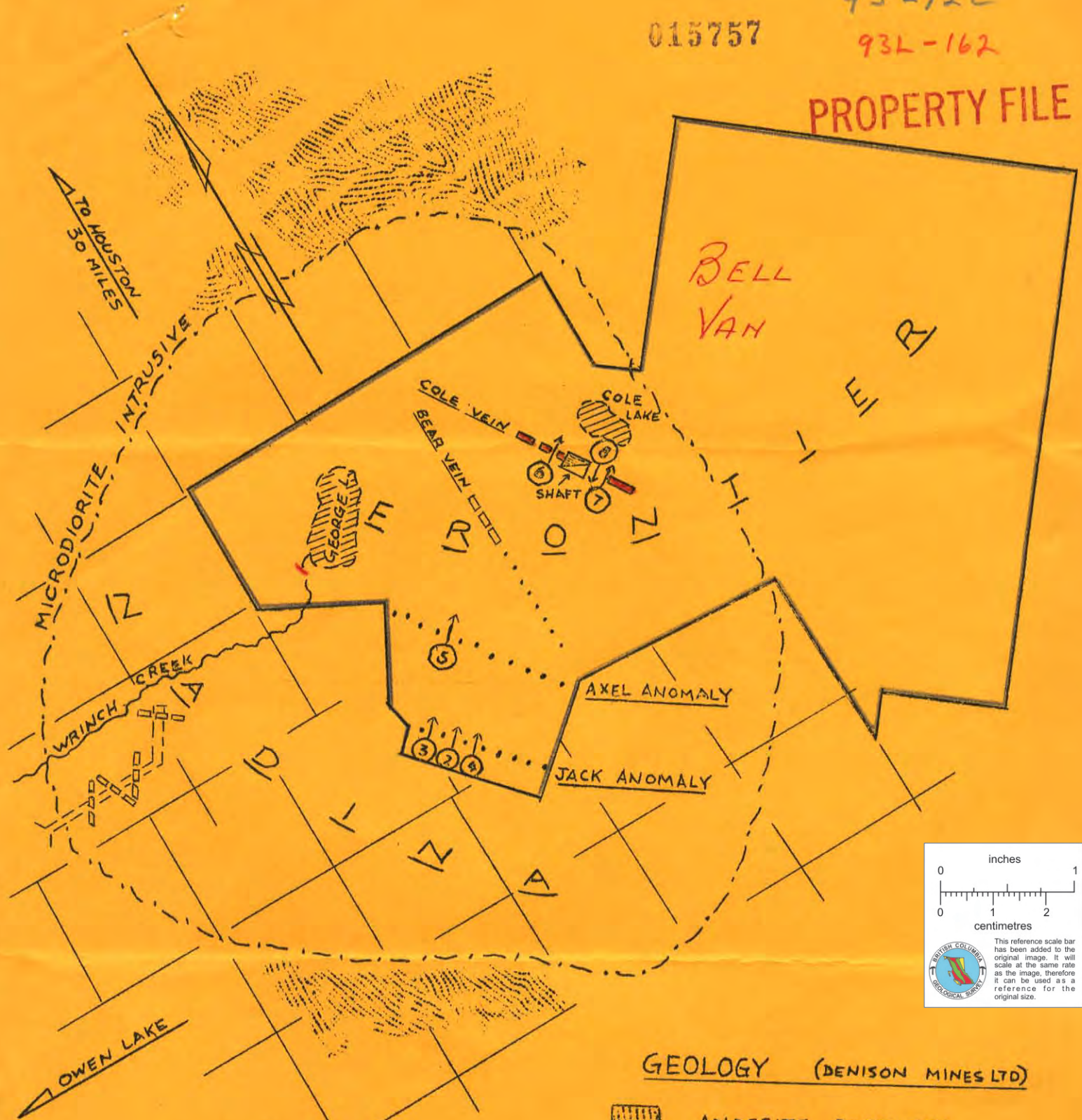


015757

93 L/2E

93L-162






PROPERTY FILE



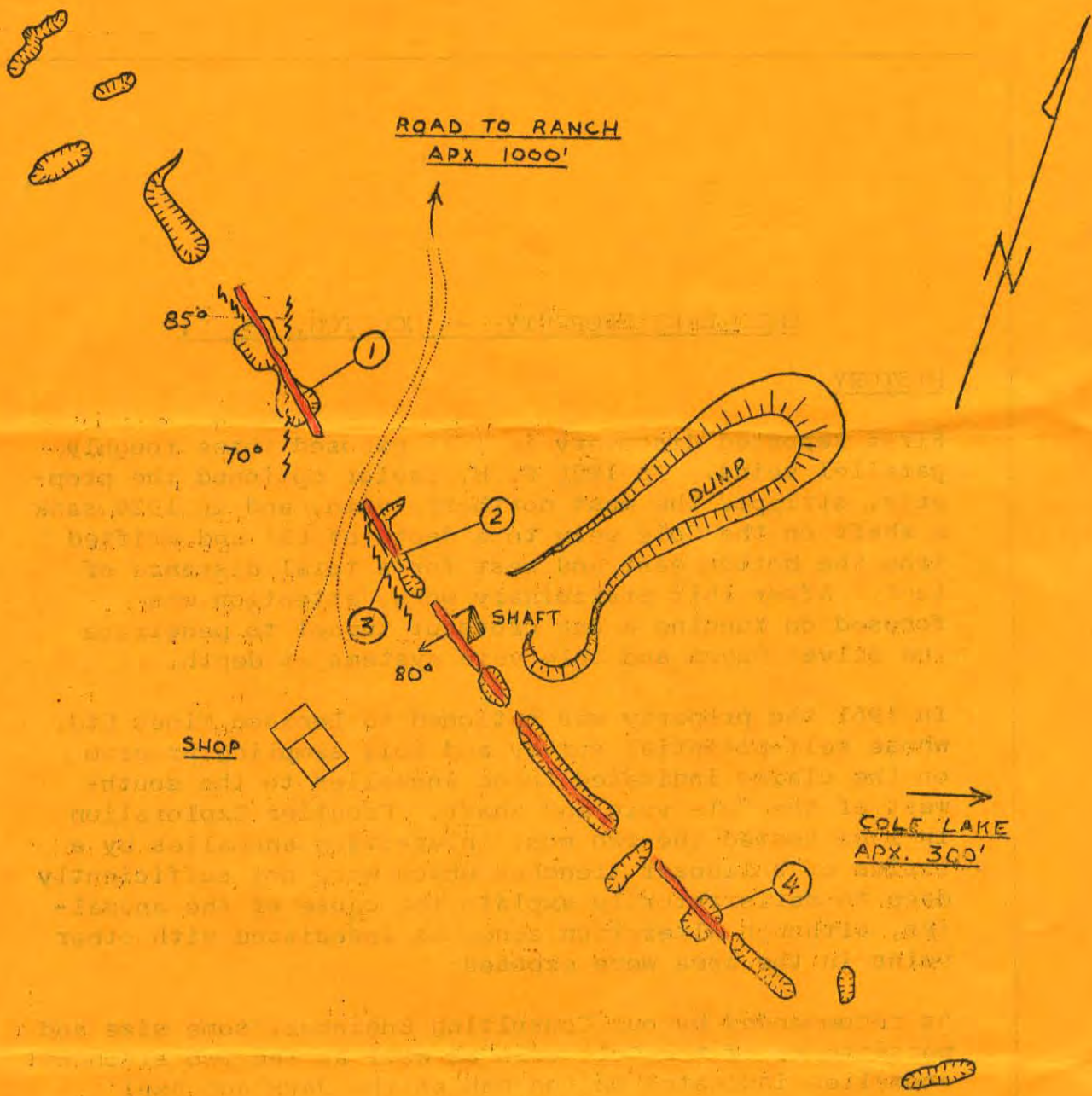
GEOLOGY (DENISON MINES LTD)

-  ANDESITE PORPHYRY
-  APPROX. OUTLINE MICRODIORITE

LEGEND

-  VEIN
-  DENISON ANOMALY
-  SHAFT
-  ADIT
-  DIAMOND DRILL

FRONTIER EXPLORATION LTD. (N.P.L.)	
21 CLAIMS - OWEN LAKE PROPERTY	
SCALE: 1" = 1,500'	NOVEMBER 15, 1966



Sample	Width	Au.	Ag.	Pb.	Zn.	Cu.	Mn.	Value
1.	2.4'	.03	2.9	1.51	6.41	.62		20.32
2.	1.8'	.04	1.2	5.06	2.94			22.28
3.	3.4'	.06	3.7	1.51	Tr.			10.50
4.	3.3'	.04	2.4	9.60	1.95		12.69	32.24

inches
0 1

centimetres
0 1 2

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

LEGEND

- Fault
- Open Pits
- Cole Vein

FRONTIER EXPLORATION LTD.

COLE VEIN
GEOLOGY & ASSAY PLAN

November 1964 | Scale 1"=50'

MINAS DE CASO
MINAS DE CASO
1928

OWEN LAKE PROPERTY - HOUSTON, B. C.

HISTORY

First reported discovery in 1916 exposed three roughly parallel veins. In 1928 F. H. Taylor optioned the property, stripped the most northerly vein, and in 1929 sank a shaft on the Cole vein to a depth of 85' and drifted from the bottom east and west for a total distance of 120'. After this preliminary work, attention was focused on running a 6x8 crosscut tunnel to penetrate the Silver Queen and Cole vein systems at depth.

In 1961 the property was optioned to Denison Mines Ltd. whose self-potential survey and soil sampling program on the claims indicated three anomalies to the southwest of the Cole vein and shaft. Frontier Exploration in 1964 tested the two most interesting anomalies by a series of bulldozer trenches which were not sufficiently deep to satisfactorily explain the cause of the anomalies, although alteration zones as associated with other veins in the area were exposed.

As recommended by our Consulting Engineer, some size and persistence of the Cole vein as well as the two strongest anomalies indicated on the map as the Jack and Axel anomaly, were tested during the 1966 season by shallow diamond drilling. The favourable results and confirmed mineralization are described in detail on the following pages.

MINAS DE CASO
MINAS DE CASO
1928

Open Pit
Cole Vein

OWEN LAKE PROPERTY - HOUSTON, B.C.

OPTION AGREEMENT CHANGED.

The property was purchased by Frontier Explorations from Jack Gould of Houston B.C., and prospector Axel Berglund of Prince George B.C., on an option basis of \$50,000.00 and 150,000 shares of a new company to be formed.

Option agreement now permits Frontier Explorations to elect on June 1 1967 to form a new company or retain the property within the company by issuing 100,000 shares of escrow stock of Frontier to the prospectors.

PROGRAM FOR 1967

In view of the recent success by Nadina Mines Ltd. which has a similar geological setting, and with improved base metal prices, more diamond drilling is planned. First work will be concentrated on the Axel vein to extend it's length and depth. An exposed showing south of George Lake on strike some 2,000' from drill hole No. 5 may be a possible extension.

Negotiations to acquire a fast mobile drill unit to either core or percussion drill are being considered.

Work on the property should resume in March so that all equipment can be moved in before Spring breakup restricts road travel.

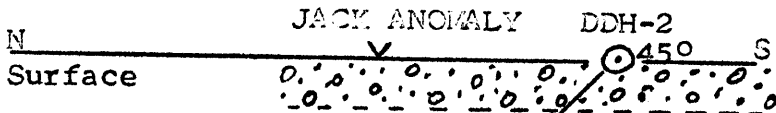
REPORT ON OWEN LAKE PROPERTY

Dated: January 27, 1967

Location: On the east side of Owen Lake about 30 miles south of Houston, B.C., and easily accessible by a well maintained gravel road.

C L A I M S

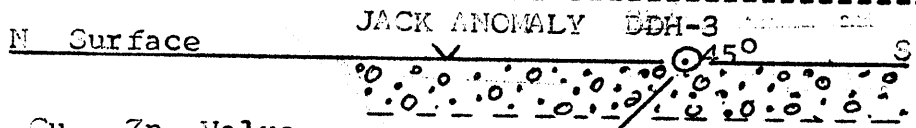
<u>N a m e</u>	<u>Record No.</u>	<u>Assessment Work</u> <u>Filed To</u>
Diamond Bell	1684	July 2nd 1971
Black Bear	1685	July 2nd 1971
Ethel	7363	July 4th 1971
Bell No. 1	24929	June 15th 1969
Bell No. 2	24930	"
Bell No. 3	24931	"
Bell No. 1 Fraction	24932	"
Bell No. 2 Fraction	24933	"
Bell No. 3 Fraction	24934	"
Bell No. 4 Fraction	24935	"
Bell No. 5 Fraction	24936	"
Ivan Fraction	40867	June 20th 1969
Van No. 1 Fraction	35244	Feb. 23rd 1969
Van No. 1	35245	"
Van No. 2	35246	"
Van No. 3	35247	"
Van No. 4	35248	"
Van No. 5	35249	"
Van No. 6	35250	"
Van No. 7	35251	"
Van No. 8	35252	"
Van No. 9	35253	"



Microdiorite

Width	Au.	Ag.	Cu.	Pb.	Zn.	Value
2.1'	.08	8.40	1.00		1.36	\$24.00
2.0'	.01	.80	.80		.05	8.00
3.0'	Tr.	.30	.10		Tr.	
1.7'	.50	3.90	2.30		.10	41.00
3.0'	.085	.85	.50		Tr.	7.00
2.0'	Tr.	.50	.12		Tr.	
1.0'	.01	2.30	.95	.60	1.87	17.00
2.8'	Tr.	.35	.20		Tr.	

175.5'

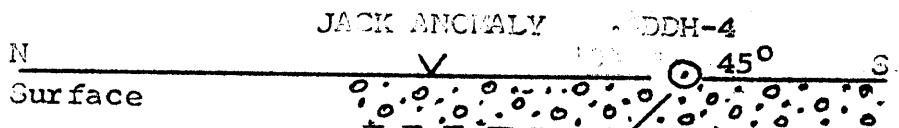
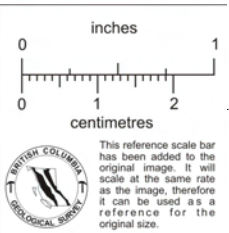


Width Au. Ag. Cu. Zn. Value

1.0'	Tr.	1.07				
1.5'	Tr.	2.90	Tr.	4.60		\$14.80
1.3'	Tr.	.65	.05	Tr.		
1.3'	.01	.10				

Propylitic
Minor Disseminated Pyrite.

162'



Width	Au.	Ag.
10.0'	Tr.	0.1

SECTION LOOKING EAST
OWEN LAKE CLAIMS
SECTION DDH-2/3/4
JULY 1966 SCALE 1"=40'

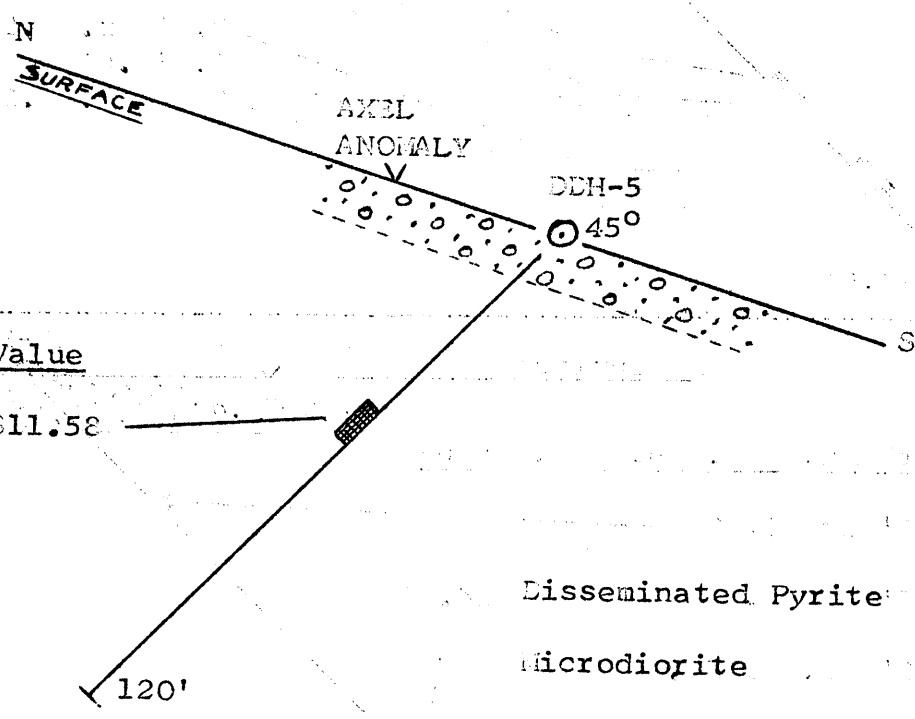
FRONTIER EXPLORATION
OWEN LAKE
"JACK ANOMALY"

ASSAYS - DIAMOND DRILLING

151'

FRONTIER EXPLORATIONS - OWEN LAKE - "AXEL ANOMALY"

DEPTH	...	...	...	...
0.00	...	...	...	...
0.10	...	...	...	...
0.20	...	...	...	...
0.30	...	...	...	...
0.40	...	...	...	...
0.50	...	...	...	...
0.60	...	...	...	...
0.70	...	...	...	...
0.80	...	...	...	...
0.90	...	...	...	...
1.00	...	...	...	...
1.10	...	...	...	...
1.20	...	...	...	...
1.30	...	...	...	...
1.40	...	...	...	...
1.50	...	...	...	...
1.60	...	...	...	...
1.70	...	...	...	...
1.80	...	...	...	...
1.90	...	...	...	...
2.00	...	...	...	...

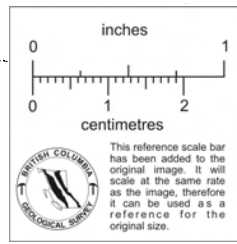


Width	Au.	Ag.	Pb.	Zn.	Value
7'	.08	3.8	.25	1.35	\$11.58

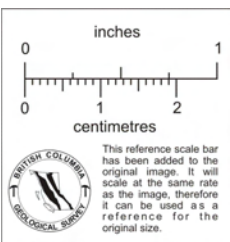
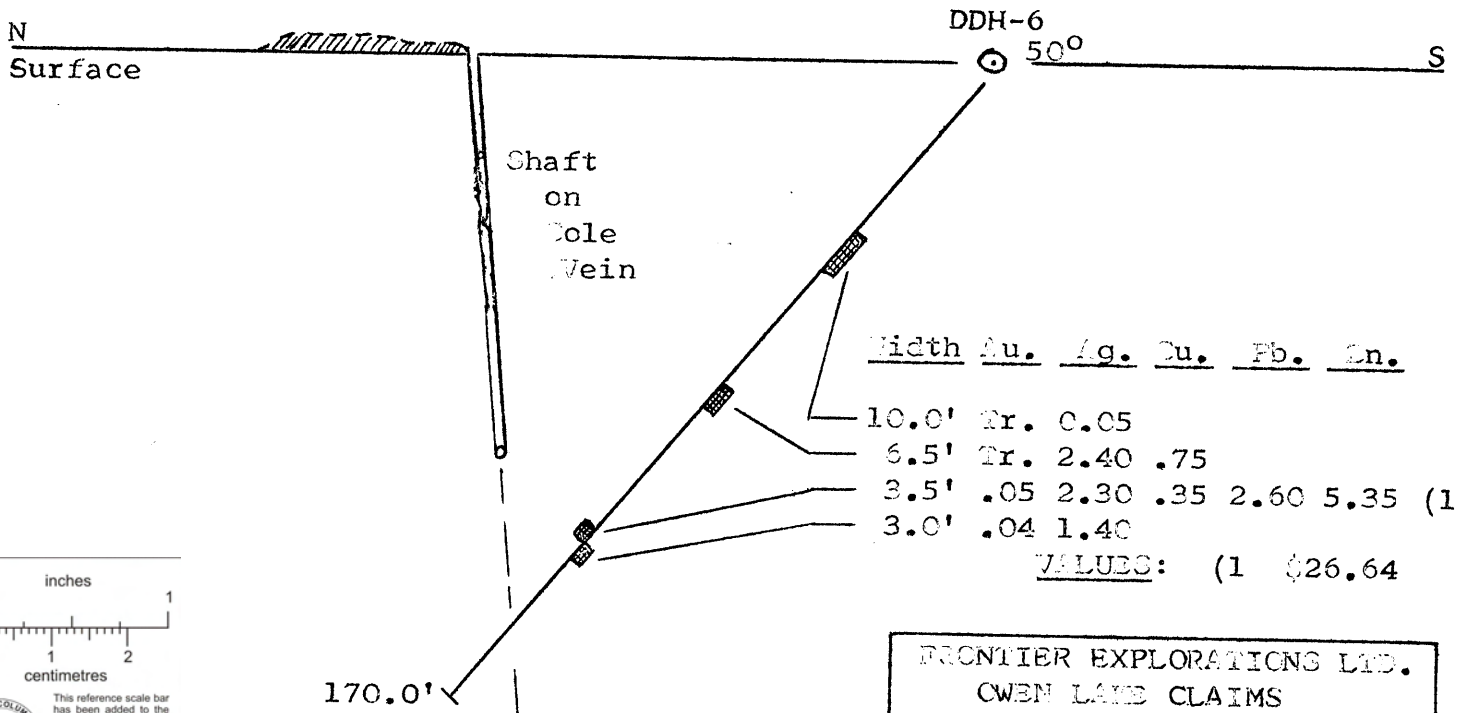
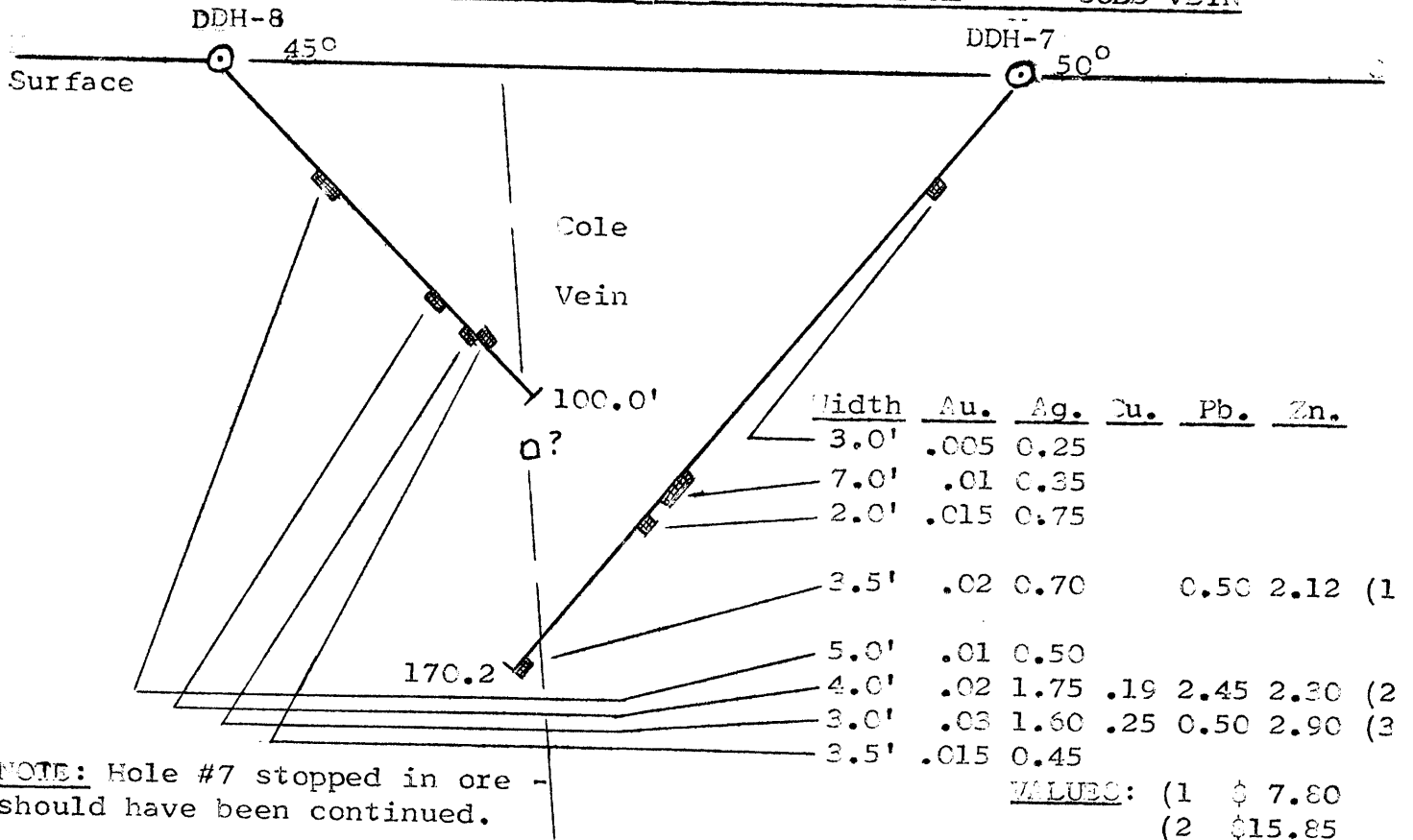
Disseminated Pyrite
Microdiorite

SECTION LOOKING EAST
OWEN LAKE CLAIMS
SECTION DDH-5
AUGUST, 1966.
SCALE: 1" = 40'

ASSAYS - DIAMOND DRILLING



FRONTIER EXPLORATION LTD. - OWEN LAKE - "COLE VEIN"



FRONTIER EXPLORATIONS LTD.
OWEN LAKE CLAIMS
SECTIONS DDH-6/7/8
SEPT. 1966 SCALE 1" = 40'