

To: Mr. J. C. Carrington
PROJECT MANAGER

GRUM

019619

Fr: ALEXANDER YOUNG P.
MINE GEOLOGIST

RE: PROGRESS REPORT FOR THE
PERIOD AUGUST 1-15, 1975

The following are the highlights of activities for the period:

- A) Completion of all drilling activities for section 76W underground and eliminating the necessity of drilling the proposed surface hole B.
- B) Completion of underground drilling activities for section 70W and 1 of 4 surface holes. Also, 1 of the 4 ("U" at 2N) is eliminated from the surface program.
- C) Completion of all proposed holes in underground drilling sta. 80W-7N
- D) Completion of panel sampling for 84, 80 and 76 x-cuts.

GEOLOGY:

Early interpretation for section 76W show essentially two main sulfide bands and some outer and lower peripheral bands.

Of the two main bands, one was folded around the vicinity of 2N, el. 1100 m. The upper limb was partly

intersected by drilling sta. 76W-3N. This was farther traced to go toward the surface at 10N. The lower limb has a more contorted geometry and appear to peter-out somewhere around 5N, el. 1050.

The second band folds around 5N, el. 1100.

An apophysis of the upper limb was intersected in the 7N ramp. The upper part of the main limb appear to thin-out toward 10N with a trend parallel to the upper limb of the first band. The lower limb which is not as contorted as its first band counterpart, appear to peter-out at 7N el. 1080.

The peripheral bands appear to be isolated bodies with distinct characteristics. One of the bigger bands was intersected by DDH U-60, 61 and 129. This band has an average assay range of 11.30% to 17.16% Pb+Zn. One of its main characteristics is barite in the groundmass.

Another peripheral band was intersected by the up-holes U-63, 64, 65 and flat hole U-58. This band peters out at 3N, el. 1190 and extend toward the SW of the mine grid base line (outside the main area of UG activities). The average assay range is from 6.56% to 18.03% Pb+Zn. It's main characteristics are: Pb > Zn; magnetic constituents and bleached phyllites in both the FW and HW.

In section 70N, the configuration of the deposit appear to correlate well with the other sections in the sense of having two main bands similar to that described for 76W. Analysis for this section is currently underway and is awaiting final assay returns and completion of the surface holes.

DRILLING

UNDERGROUND:

Total footage is lower than the preceding period. However, it should be noted that only three drills were used and that one of the three was limited to drill only one hole (U-138). DRILL machine #4 (BBS-1), is now placed in BT X-cut on stand-by basis.

Listed below is the summary of the footages:

SUPERDRILL No. 1					
HOLE No.	FR.:	TO:	Ft. Drilled	Location	REMARK
U-135	370'	620'	250'	80W-7N	O.K.
U-140	0	405'	405'	-do	DROPPED ROD. Abandoned Aug. 16, 1976
U-142	0	500	500	-do	O.K.
U-144	0	235	235	-do	STOPPED. CAVING HOLE
U-146	0	242	242	-do	STOPPED. Up-hole CHUCK cannot support rods.
TOTAL			1632		
SUPERDRILL No. 2					
U-137	162	200	38	70W-2N	O.K.
U-139	0	250	250	-do	Collar 4m east of section
U-141	0	316	316	66W-2N	STOPPED. High pressure water. Squeezing grd.
U-143	0	435	435	-do	O.K.
U-145	0	400	400	-do	O.K.
U-147	0	5	5	-do	O.K.
TOTAL			1444'		
BBS-1 (DRILL #4)					
U-138	76	401	325	76W-3N	O.K.
GRAND TOTAL			3401'		

ATTACHED is a graph of drilling footages to date.

SURFACE :

Three drill machines are being used in the surface program. However, only two are actually drilling in any given time while the third is being set-up for the next station. This way, no drilling time is lost due to moving and setting-up.

Summary of footages is as follow :

Hole No.	Fr.	To	Fe-drilled	Location	Equivalent Letter
A-132	5'	473'	468	72W-6.5N	H
A-133	0	473'	473	70W-7N	I
A-134	0	644'	644	68W-7N	J
A-135	0	577'	577	66W-7N	K
A-136	0	512'	512	69W-7N	L
A-137	0	447'	447	64W-9N	G
A-138	0	308	308	70W-9N	D
A-139	0	142	142	66W-9N	F

TOTAL : 3571'

The following are eliminated from the program: B, U, W

UNDERGROUND SAMPLING :

Panel sampling for all the x-cuts (except main 72W decline) was completed. All samples were submitted to the assay office after some delay. The CMS expediter was on sick leave for more than a week.

Summarized below is the sampling location :

84 X-cut	44 Samples	SOUTHEAST WALL
80 X-cut	34 "	"
76 X-cut	14 "	"

GENERAL :

Three geologists from GETTY MINES visited and toured the property on the 13th of August.

Lost time accident occurred on the 14th.

Serge Theriault, diamond drill helper for superdrill # 2 got his finger (middle, left hand) ripped in the feed cylinder of the hydraulic head. He was given first-aid, rushed to the Faro Nursing Station and was later sent to Whitehorse Gen. Hospital for further treatment.

Personnel :

Mr. Fred Chow arrived on the 4th to cover-up for Mr. Jim Paxton who is now on vacation.

Mr. Dave Benoit started working as core splitter/Aide on August 11, 1976.

Alfred P.S.

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DIAMOND DRILL FOOTAGE

