

REPORT ON WORK

SEPT. 1 to 11th incl.

019324

Diamond drilling (Boyles)

Footage to date 380ft.
 Hole # 169 165ft
 Hole # 170. 135.
 Hole # 171. 80. (in progress)

 Total 380ft.

work
RMB

Footage on contract to Boyles 3000ft.
 Footage drilled to date. 1963.

 Footage remaining to be drilled 1037 ft.

Location hole# 169 forwarded.
 Location# 170. 100 ft E of P.d.h # 7 ✓ *Location to be checked RMB*
 Location ... #171. 100ft south hole #7 (Line 128W 400N. sheet #7.)
 Hole # 170. (*HOLE-CASING*) Neg. sulphides. hole stopped in graphitic schist.
 Hole # 171. (*3224*) Massive sulphides from 74- 80. hole in progress.

Packsack drilling.

P.D.H.# 9. ✓

Location. Line 2400E, 2860N. sheet #4.

Cont. from Aug. report.

36 to 85. sericite schist. 51 to 55 intermittent mineralization pyrite and few stringers of pyrrhotite, traces of chalcopyrite.

Hole was drilled to test gravity anomaly peak of .5 mgls.

P.D.H. #10.

Location Midway between holes 168 and 169. ✓ to test the outside limits of mineralization.

33 to 38..... Massive pyrite and pyrrhotite with sphalerite and galena.

Drill holes re- Boyles and packsack have been logged and sampled where necessary. Locations of these holes are being surveyed by G. Novak and will appear on the log sheets when completed. Sections are being drawn of all drill holes and will be forwarded as the sections are drilled off.

Survey (elevation)

Sheet # 3 is now complete.

Lines 88 and 84 on sheet number 2.

Lines 8E to 24E sheet number 1. These are 1000ft lines and run from 1000 to 2000 ft south.

Survey (gravity)

Sheet # 3 complete. 8 lines at 3000ft.

Lines 80E, 84, and 88E.(3000ft lines.) Sheet # 2.

Lines 72, 60, and 48E. sheet # 2. 1000ft lines.

Lines 36, 24, and 12E. sheet # 1. 1000ft lines.

Total footage or milage for Sept. 7.2 miles.

The 1000ft lines are the remaining portions of lines surveyed by Radar exploration.

It will be noted that from 80e on sheet # 2 the lines have been run at 1200ft. intervals, and that lines 8E, 14 and 20E have not been run although the elevations have been taken on these lines.

Elevations to run to complete this years work is 7000ft.

Approximately 72 miles of line were run by gravity meter this season. From May 18th to Sept. 11th, 116 days, for a milage rate of .60 miles per day. 2 men were working on gravity meters from May 18th to July 19th. 2 meters were on the property for approximately 2 months. Taking these particulars into consideration the milage rate per day is very low.

A cost estimate of the meter work will be compiled at the end of the season.

D.R.S. Doal

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PROGRESS * REPORT.

* *****

August. 1956.

Follows July monthly report.

SURVEY. Elevations for gravity.

Sheets number 10, 4, and half of sheet number 3 were surveyed. A total of 81,400 feet of magnetometer lines were surveyed at 100 ft. intervals. All important points of changing topography and additional data for topography maps were taken.

SURVEY (Diamond drill holes)

Final survey on diamond drill holes No. 164 to 167 inclusively was performed as well as the necessary survey controls to the holes.

GRAVITY (meter.)

Meter reading was completed on sheet number 10 and half of sheet number 3. Three additional lines were run on sheet number 6 to fill in the anomalous condition from lines 4800w to 6000w. A total of 15.2 miles of magnetometer lines were completed for this period.

Data submitted:

A total of 5 field profiles were submitted covering that area from 2000e to 3600e on sheet number 4 of the magnetic pattern. The best of these was the profile on line 2400E, from 2500N to 3100N. There was a gravity peak at 2800N of .5 milgs was obtained. The other profiles varied from .32 to .15milgs.

Chainages for this sheet is from the number 1 base line, in other words the first station on sheet 4 is 1000N.

GEOCHEMICAL. (G. Novak.)

No geochemical work was performed on this property for the month of August.

Geochemical soil survey on the recently staked groups of claims, (Jake and Gal) was suggested to A Kulan. The survey of these groups was performed by J. Paxton and E. Summer. The necessary chemicals and additional equipment was supplied from Vangorda Creek. Samples brought to Vangorda for re-check were tested and found to be reasonably close to the concentrations observed by Paxton and Summer. The results of the surveys were interpreted to p.p.m. of heavy metals, plotted and contoured. The resulting maps have been forwarded to your office. In both cases the results indicate some high concentrations; further exploration is therefore recommended.

Essential equipment and chemicals were prepared for B. Thompson at the Whitehorse office.

Diamond drilling. (Boyles.)

4 drill holes were completed in the month of August. Total footage for the period- 925feet.

Hole # 165.	109ft.
Hole # 166.	170
Hole # 167.	502.
Hole # 168.	144.
	Total	925 feet.

This period also includes the move to the Firth showing.

Packsack diamond drilling.

From August 2 to August 16th the drill off the property being used to test the showing at Little Salmon. Reports of this work will show in B.Thompsons report for the month of August.

August 31st the drill was moved to sheet #4 of the magnetic grid pattern to test a gravity anomaly. (.5 mgls.)

Location: Line 2400E- 2860N.

0- 7 Casing (bed rock set up in Sericite schist.)

7- 36ft. Sericite schist, negative sulphides.

Hole in progress.

E.M. Survey.

The e.m. equipment was set up and an attempt was made to run a few lines over the main ore body. The survey could not be conducted as the amperage output was too weak making it impossible to read over a hundred feet from the locating station. The equipment has been sent out for repairs, it is expected back some time this week. A survey of a few lines on the main ore sections will be conducted and if a positive answer is reached as to the capabilities of the machine in detecting sulphides, lines will be surveyed on sheet number 6 over the anomalous condition outlined by the gravity survey.

Magnetometer survey.

The magnetometer was set up and the machine checked and calibrated. Sensitivity of the instrument is 25 gammas per scale division. No field work was done to date.

Line cutting.

A total of five miles of line was cut and chained on Art 2.3.4.5.and 6. Lines commence from 1200E on the north tie line re- sheet #4 and run north for 2000ft, from 12 to 4800E, from 4800E to 7600E lines cut by Conwest on the Gorda group were cleaned up and can be used for future work. A tie line has been cut on the north end of the lines to tie in all the work. A magnetometer survey of these lines was scheduled for

this year but under the circumstances it will be impossible to complete before freeze-up.

Camp maintenance.

Inside construction of the cabin continued in August, the front half of the cabin has been partitioned off with plywood and a center panel erected to form an office and a draughting room. The remainder of the cabin will be used for storage of equipment for the winter months. A tent (four log high with a pole floor was erected at the lake for waiting on planes. A loading dock for the planes was built. There are approximately 60 cords of wood on hand in the camp area, this will be sufficient for this year and most of the coming season.

Fuel oil.

There are 30 bbls of fuel oil remainig on the property, this includes those at the river. All of the oil will be transported to the camp area before the end of the current season. Road conditions make it a better proposition to haul it now than in the spring months.

Vehicles.

The d4 and the 4x4 are still in running condition. (?)

Plane service.

9 planes serviced this camp in the month of August. These planes include the move of the drill to Little Salmon and part loads with the Kulan party.

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