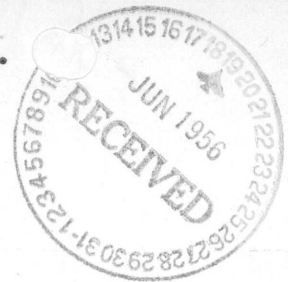


MAY 18th to May 31.

1956

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A		
	C.L.C.	
	G.C.A.	
	G.E.	
	E.O.C.	
	R.D.S.	<input checked="" type="checkbox"/>
	J.I.K.	
	E.L.D.	
		PHB

SURVEY. (Elevation.)

Survey started on May 18th. The instrument was checked and adjusted for differential leveling. To date a total of 5.1 miles of magnetometer lines have been surveyed. Control stations along the base line #1 were run from line 3600 W to 7000 W. The area covered by differential leveling includes that area from lines 20W to 40W on sheet number 6 of the magnetic layout and lines 12 and 16W on sheet number 1. Average elevation difference on the lines was 300' for 3000' of horizontal distance. Assumed elevation for the gravity survey was 200' less than that of last years survey to eliminate negative readings in the field. Gravity zero equals 3773.15'.

Gravity.

The survey was started on the 18th of May, meters were checked and adjusted to tie in with last years survey, using Radars base station line 800E on base line number 1. To date the surveyed area includes lines 12 and 16W on sheet number 1, lines 20 to 60W on sheet number 6, and lines 20 to 28W on sheet number 9. Gravity results of these lines have not been calculated.

GEOCHEMICAL.

One and one half days on the water survey was devoted to testing the area on sheet number 6 between lines 20 and 32W from base line number 1 to tie line number 1 north and several drying creeks on sheet 9 between lines 20 and 28W. No unknown anomalous areas were detected.

Diamond Drilling.

Drilling equipment was moved to Firth group on the 24th of May to test the strong geochemical and magnetic outline as mapped last year.

Number 1 P.D.H. (packsack diamond drill hole) was spotted on 128 plus 80 W, 0 plus 40 N. re magnetometer pattern sheet number 7.

Dip. Vertical.

Depth. 9'.

The hole was collared in a quartz breccia, casing was run down for 6' and E rods run ahead for 3'. Graphitic schist was intersected at 6'6". The hole was caving badly, so decided to abandon in lieu of running casing down further or cementing.

Number 2. P.D.H.

Location. 127 plus 70 W. 6 plus 80 N.

Dip. Vertical.

Started. 27th May, 1956.

Depth. 36'6".

The hole was collared in a weathered sericite schist, casing run 6' and drilled ahead 30'6" with E rods. The silicified schist is interbanded with quartz. Mineralization to date has been fine grained pyrite disseminated in the schist with a trace of galena at a depth of 13'. Hole in progress. Ultimate depth probably 60 feet.

General. Five days ~~WERE~~ spent on camp maintenance, fixing tents, cookhouse, and equipment. D4 cat was overhauled and put in running condition. Repair to roads and bridge is now under way, General repairs on the Woodchuck was started on the 30th of the month. E.M. equipment was tested and is in good running order.

Recommendations.

To speed up the gravity survey an additional transit or level is required to keep pace with the meters in operation.

A hand calculator for calculating gravity results appears to be a necessity if drilling is to be done on gravity recommended areas this summer.

*R.A.B.  
Warning re  
this.*

*A.R.S. Loal*