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To Glen Hogg From W.M. Sirola  
Subject Date January 20, 1971.

John Brock of Dynasty-Atlas has provided us with a copy of the residual gravity over the Faro Orebody. This map forms part of the talk which he will give to the A.I.M.E. in New York in the near future. Incidentally, the geophysical profiles he has for Swim Lakes came from the pamphlets Duncan Crone issues with his J.E.M. advertisements.

L.H.S.  
P.M.A.  
S.M.H.  
R.D.S.  
D.C.P.  
I.D.E.  
M.D.M.  
S.H.J.  
E.C.I.

There is a rather striking similarity between the abrupt cut off of closely spaced gravity contours on both the Faro and Swim deposits. In the case of Faro, the orebody is down-dropped by a fault which coincides more or less with Faro Creek. The precise orientation of the fault is unknown to me. In the case of the Swim deposit, we have encountered a very definite fault in drill hole A16, and it is interesting that A22 encountered no lead-zinc mineralization. A22 is 520 feet deep suggesting that the east end of the Swim deposit is either down-dropped further, or actually shifted either to the north or south along the fault.

Since a considerable amount of assessment will be required on the Swim claims this coming Fall, it might be worthwhile to do some additional drilling, thereby keeping the ground in good standing for several years instead of paying \$100.00 per claim each year. There is room, for example, for additional down-dip drilling and conceivably a search for the down-dropped? portion might be worthwhile, despite the fact that such ore would not be amenable to open pit mining.

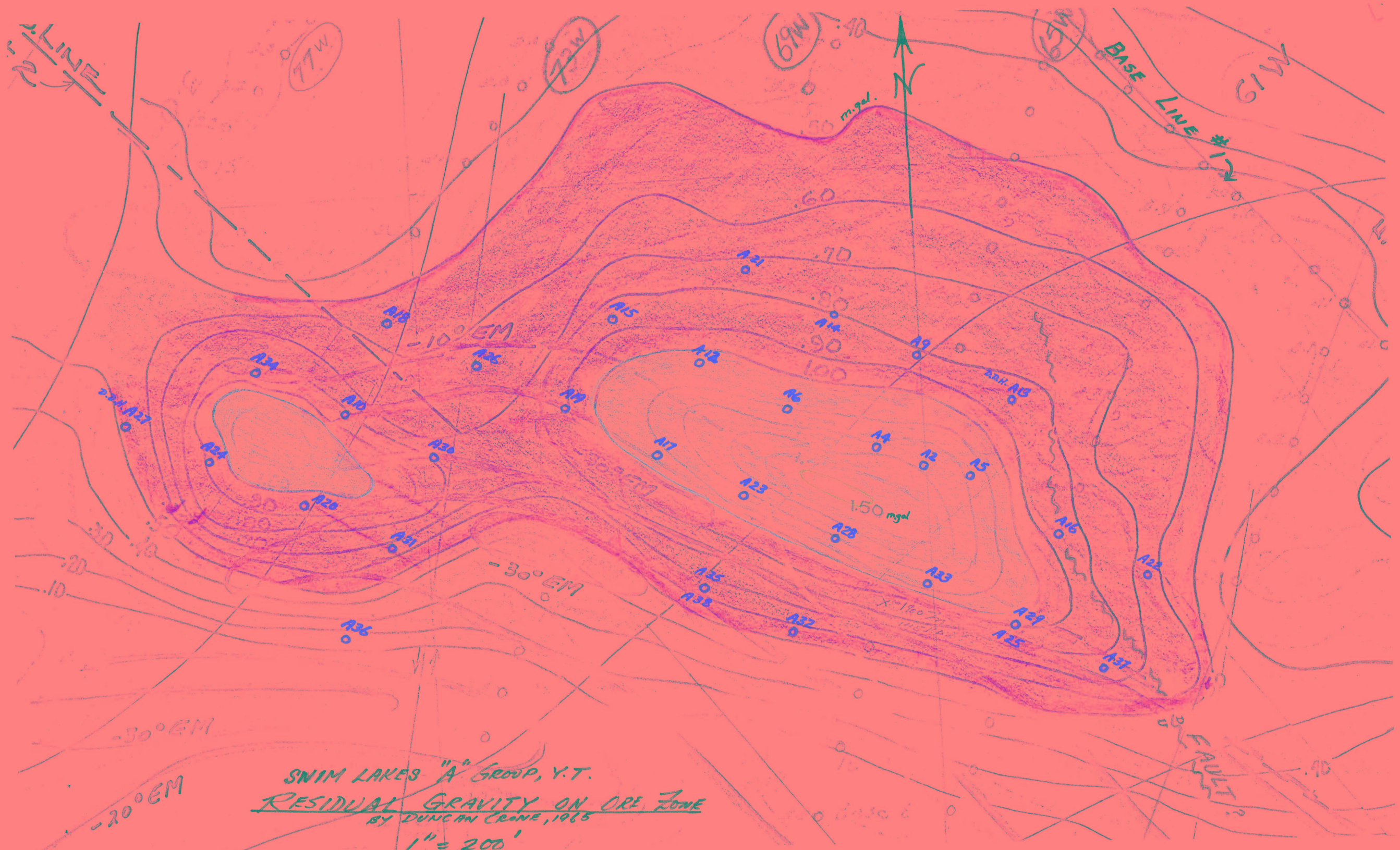
*questionable  
that*

We will do some additional study of this situation and present our findings as soon as possible.

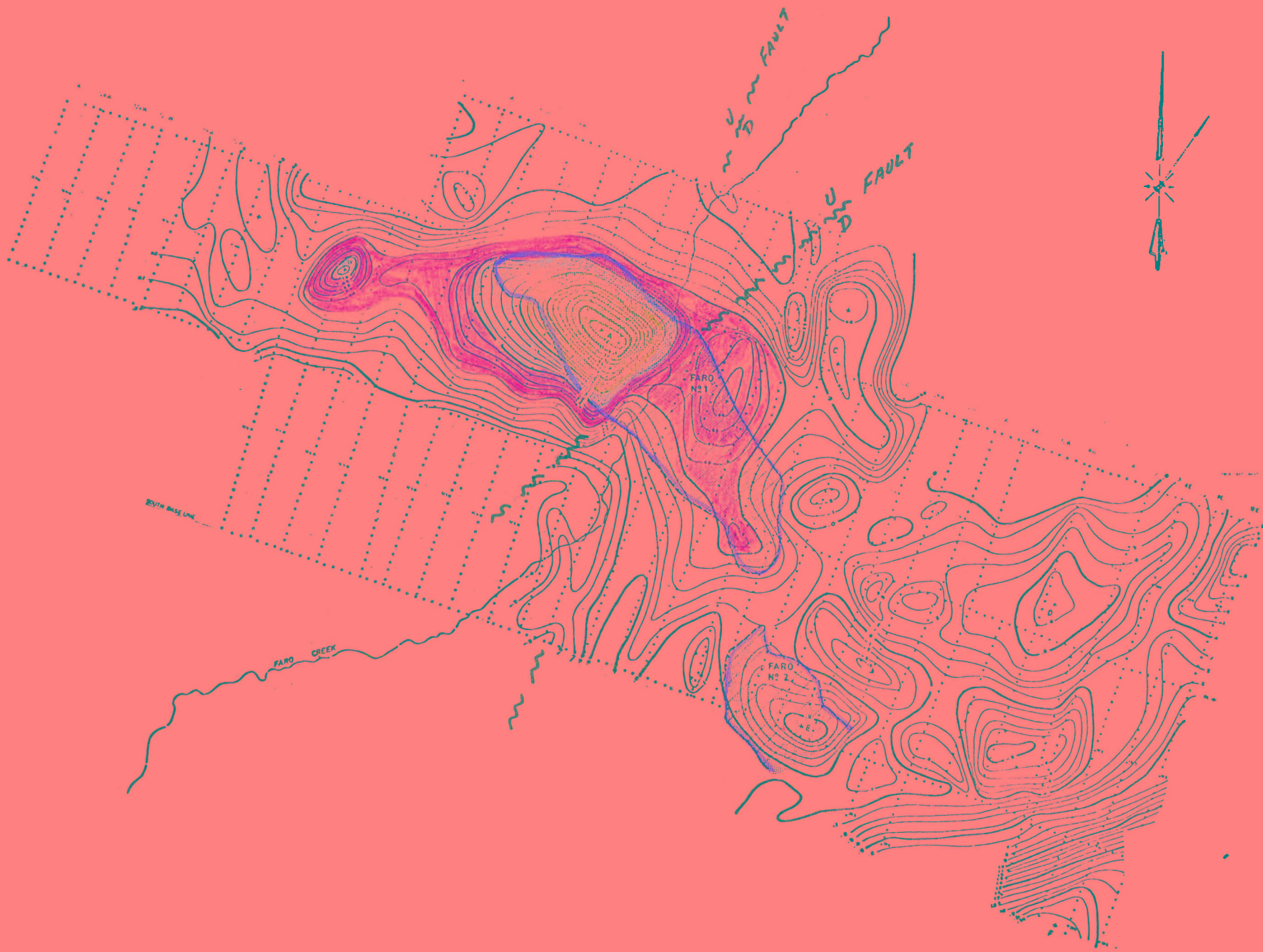
*Bill*  
W.M. Sirola.

- Encls: (1) Contoured Profile-Corrected Residual Gravity - Faro Orebody  
(2) Residual Gravity - Swim Lakes 'A' Group Ore Zone

*Bill Sirola will prepare a drilling plan to test the Swim deposit, especially to the east as indicated in this memorandum. If the possibility can be tested for little work then the expenditure, it should be done  
Good Jan 25/71.*



SNIM LAKES "A" GROUP, Y.T.  
RESIDUAL GRAVITY ON ORE ZONE  
 BY DUNCAN CRANE, 1963  
 1" = 200'



• Fig. (xi) Contoured Profile-Corrected Residual Gravity - Faro Orebody