

DATE: January 16, 1986  
TO: D. H. Watkins  
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DE FROM: A. J. Davidson  
SUJET SUBJECT: Rea Gold Drill Proposal Jan-Feb 1986

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824586

Drilling on the Silver Horizon in late 1985 intersected three specific mineralized zones each worthy of follow up (see Long Section). These are the RG 44 Barite Zone, the RG 55 massive sulphide intersection and the RG 53 gold intersection. Programs to follow up along strike and downdip of the RG 44 Barite Zone and the RG 53 gold intersection would be best done in the summer when access to the steeper portions of the hill between RG 44 and RG 55 is easier and when the freezing of long waterlines is not a problem.

The RG 55 massive sulphide intersection however is located low down near Johnson Creek and the presence of swampy ground in the area may make it necessary to drill this area in late January. Rea Gold Corp. are currently drilling between L100 and RG 8 and their program will be completed in late January. I propose to start follow up drilling on the RG 55 area at the end of the Rea Gold Corp. drill program.

This short proposed program will consist of five holes totalling 900m and is designed to extend the RG 55 zone 200m south and 600m north of the RG 55 intersection. Holes will be spaced 200m apart and will be spotted on the basis of a MaxMin II survey carried out in late 1985.

Specific Proposals are as follows:

P1 (L112 1080N -70° at 225°) is designed to test that RG 55 zone 200m south of RG 55. The hole is planned to intersect that zone at a vertical depth of 100m.

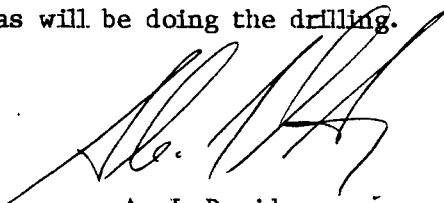
P2 (L116 1060N -70° at 225°) is designed to test the RG 55 zones 200m north of RG 55. Again the hole is planned to intersect the zone 100m vertically below surface.

P3 (L118 1020N  $-70^{\circ}$  at  $225^{\circ}$ ) is designed to intersect the RG 55 zone 400m north of RG 55 and 200m north of P2 at a vertical depth of 100m.

P4 (L120 920N  $-70^{\circ}$  at  $225^{\circ}$ ) is designed to test 600m north of RG 55 and 200m north of P3.

P5 is contingent on the results of the first four holes but is tentatively designed to test 200m downdip of the best intersection in the RG 55 zone.

This program totalling 900m is expected to cost approximately \$67,500 in direct contract costs. J. T. Thomas will be doing the drilling.



A. J. Davidson

AJD/ik





LEGEND	
ROCK TYPE	ROCK TYPE TEXTURAL CODES
1 MAFIC VOLCANICS	1. Massive flows
2 INTERMEDIATE VOLCANICS	2. Pillowed flows, pillow breccia
3 FELSIC VOLCANICS	3. Tuff, ash tuff
	4. Lapilli tuff, lapilli and ash
	5. Agglomerate (block size frags > 64 mm)
	6. Tuff breccia
	7. Debris flow (1, 2, or 3 depending on predominant fragment types)
4 MAFIC INTRUSION	1. Diorite
	2. Gabbro
	3. Diabase
5 FELSIC INTRUSION	1. QFP
6 SEDIMENT	1. Chert, ribbon chert, chert breccia
	2. Chert with argillite
	3. Quartzite argillite f.g. wacke
	4. Quartz pebble conglomerate
	5. Argillite / phyllite
	6. Limestone
	7. Greywacke (f.g. quartz wackes) / or Greenwacke (contingent on chl content)
	8. Limestone cobble breccia
	9. Coarse wackes, 2-grains, 1-sandstones
	0. Multilithic pebble conglomerates (with micaceous clasts, argillite clasts etc.)
OUTCROP	
GEOLOGICAL CONTACT	
ASSUMED GEOLOGICAL CONTACT	
SCHISTOSITY	
BEDDING	
DIGEM CONDUCTORS	
MAXMIN CONDUCTOR AXIS	
LAKES, BODIES OF WATER	
RIVERS, CREEKS	
ROADS, TRAILS	
SWAMP AREA	
CLAIM POSTS	

LOCATION MAP  
SCALE: 1:250,000

CORPORATION FALCONBRIDGE COPPER

**REA GOLD OPTION**

**JANUARY 1986 DRILL PROPOSAL**

**- GEOLOGY -**

0 50 100 200 300 400 500 m

SCALE: 1:5000

DRAWN BY: IP /dg

DATE: OCT. 1984

REVISED JAN. 1986/AJD

N.T.S. 82 M / 4 W

FIG. NO.:



