

CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: May 29, 1986
TO: A. J. Davidson
COPIES TO: D. H. Watkins
DE FROM: L. D. Pirie
SUJET SUBJECT: Rea Gold Drill Proposal

822886

At the present time there are four high priority targets on the Rea Gold Option which require an initial minimum of 1020m. of drilling to assess. These are:

- a) the Silver Zone gap, between lines 95+35 and 101+50, by a massive barite lens to the NW and a gold intersection of 4.8 g/T over 1m. at its SE end.
- b) the Silver Zone's NW strike continuation, which has been defined geophysically for at least 650m. beyond current drill coverage.
- c) the faulted offset of the RG-8 (L97) lens in the area of the Kamad boundary. This lens has been down faulted just where it appears to have been at its thickest and highest grade (adjacent to RG-21, 86-129). RG-46, targeted to intersect the Rea horizon at depth in this area, was stopped in diorite characteristic of the immediate structural hangingwall in RG-20, 86-129. Because of the nature of the claim boundary/Rea horizon intersection there is ample room for significant tonnages to be established.
- d) the NW strike continuation of the Main Rea horizon, believed to be defined by MaxMin anomalies on lines 105-109 and 116-127 (inclusive).

The following 8 holes are proposed to test these targets.

- a) P1 L97+00, 5+80N, -85o, 150m.
(will intersect Silver Zone long. section at 1445 elevation)

- P2 L98+50, 6+55N, -85° , 150m.
(will intersect Silver Zone long. section at 1410 elevation)
- P3 L100+00, 7+55N, -55° , 150m.
(will intersect Silver Zone long. section at 1375 elevation)
- b) P4 L119, 9+75N, -55° , 100m.
(tests most attractive MaxMin anomaly, 350m. NW of RG-59)
- P5 L122, 9+90N, -55° , 100m.
(tests next best MaxMin anomaly, 300m. NW of P4)
- c) P6 L95+50, 0+35S, -89° 170m.
(will pierce main long. section -80m. from 1500 elevation)
- d) P7 L107, 1+00N, -50° , 100m.
(tests MaxMin anomaly)
- P8 L118, 3+20N, -50° , 100m.
(tests attractive MaxMin anomaly in a readily accessible location)

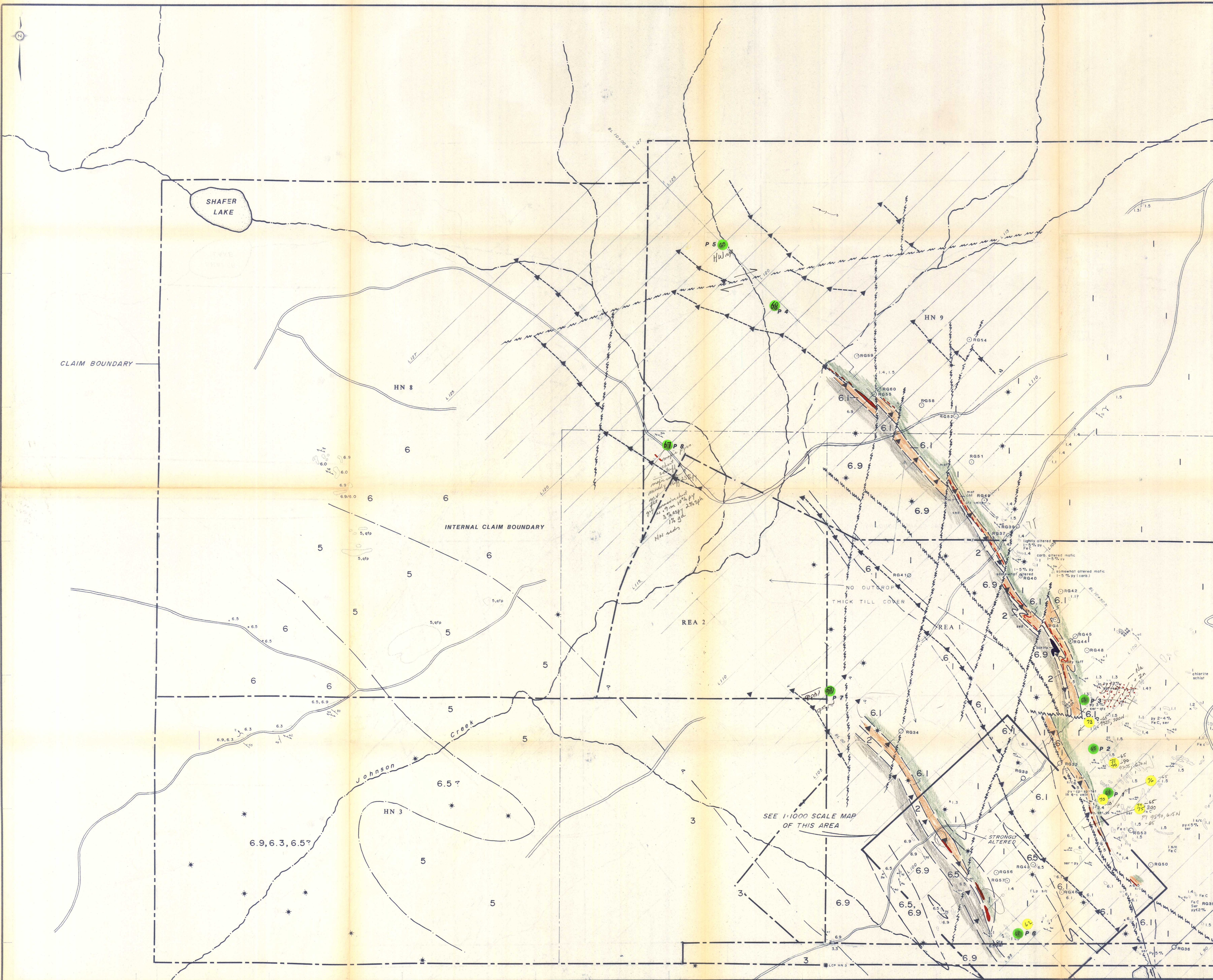
Holes P1, P2 and P3 will vary according to accessibility and topography at the set up, but the overall aim - to plug this highly prospective gap at a PEM-able depth - will be maintained.

Holes P4, P5 and P8 may be adjusted should soil survey results (currently being conducted) dictate it.

All locations and angles are subject to minor adjustments where they will better serve to fulfill the aims of the drillhole.

L. D. Pirie

IDP/ik

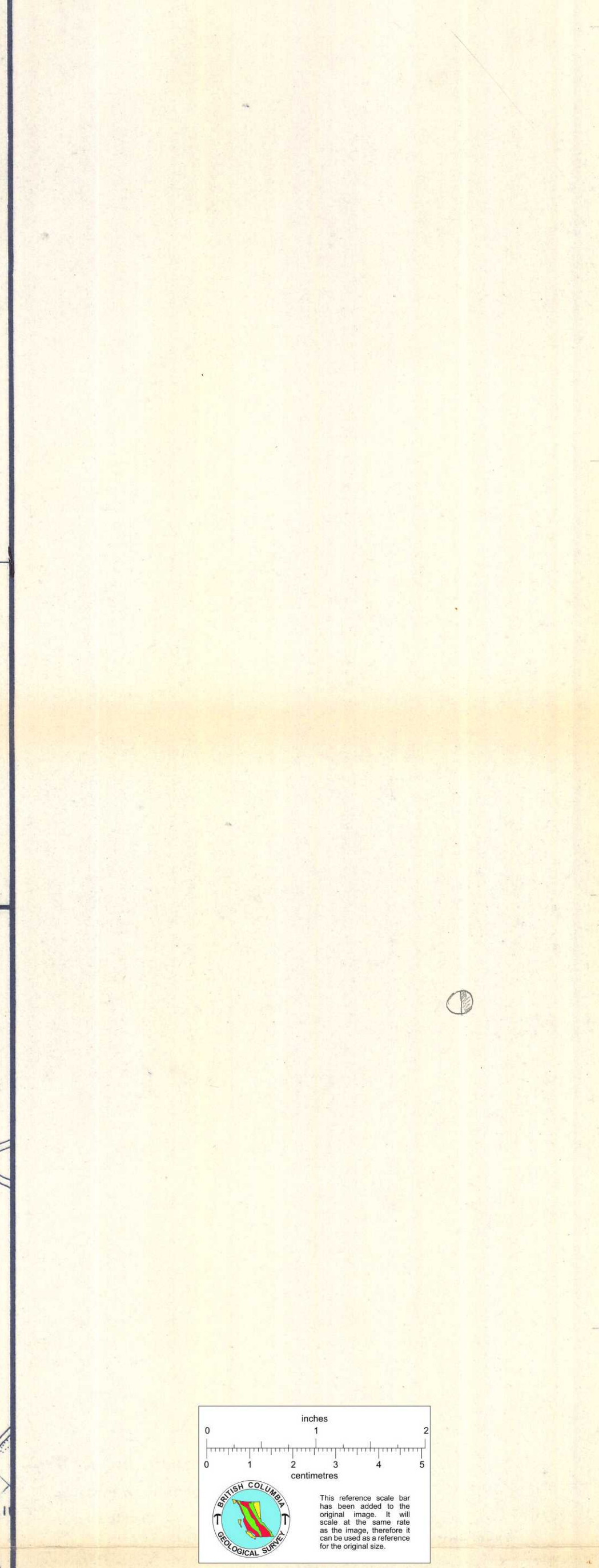


LEGEND

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 > 64mm
	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 pabbie conglomerate
	5 Argillite/phylite
	6 Limestone
	7 Greywacke (f.g. quartz wackes) or Greenwacke (contingent on chl content)
	8 Limestone cobble breccia
	9 Coarse wackes, 2 grits, 2 sandstones
	0 Multilithic pabbie conglomerates (with micaceous clasts, argillite clasts etc.)

OUTCROP
GEOLOGICAL CONTACT
SCHISTOSITY
BEDDING
DIP CONDUCTORS
MAXIMUM CONDUCTOR AXIS

LAKES, BODIES OF WATER
RIVERS, CREEKS
ROADS, TRAILS
SWAMP AREAS
CLAIM POSTS



LOCATION MAP
SCALE: 1:250,000

CORPORATION FALCONBRIDGE COPPER

REA GOLD OPTION

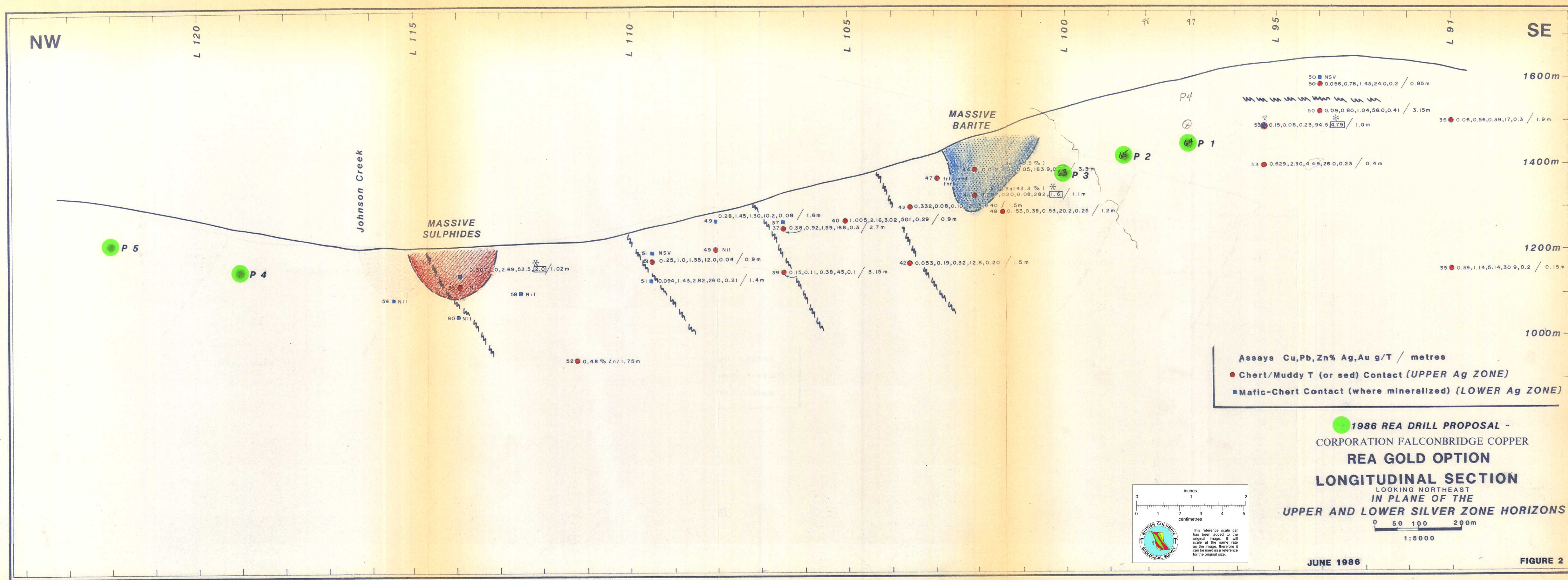
1986 REA DRILL PROPOSAL -

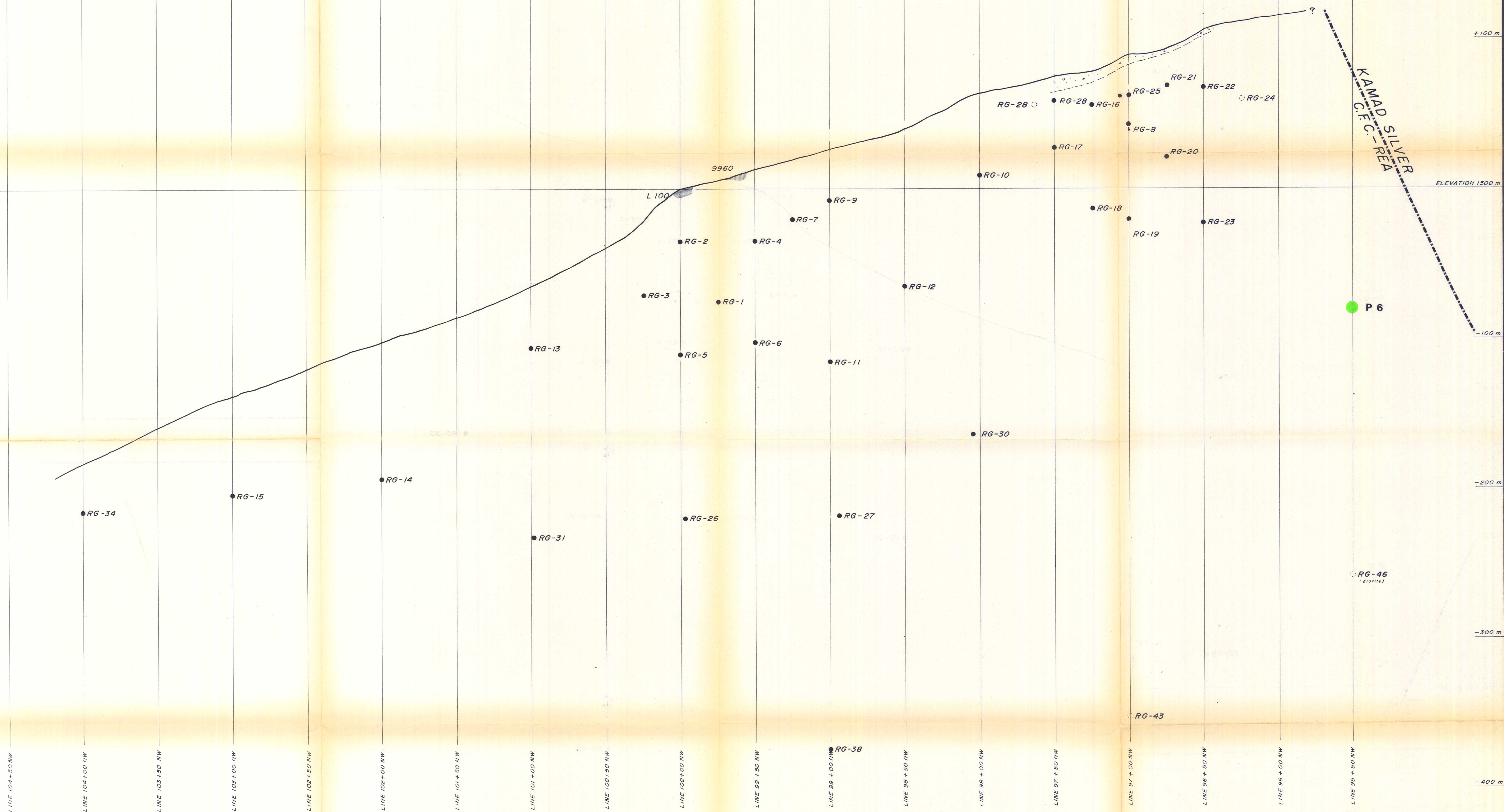
0 50 100 200 300 400 500 m
SCALE: 1" = 5000'

REVISED MARCH 1986 IDP
DRAWN BY: I/P/dg
DATE: OCT. 1984

REVISED JAN. 1986 A/D
N.T.S. 82 M/4 W

FIG. NO. 1





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REA GOLD OPTION
- 1986 REA DRILL PROPOSAL -
LONGITUDINAL SECTION
PLANE OF REA CONTACT
LOOKING NORTHEAST

0 10 20 30 40 50 60 70 80 90 100m
SCALE: 1:1000

0 1 2 3 4 5
inches
centimeters

DATE: NOV. 1984
DRAWN BY: J P/dg
UPDATE: OCT. 1985
UPDATE: JUNE 1986
N.T.S. 82M/4 W

FIG. NO.:
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