

## CORPORATION FALCONBRIDGE COPPER

MEMORANDUM

DATE: February 6, 1985

TO: D. H. Watkins

COPIES TO: M. J. Knuckey, L. D. Pirie

FROM: A. J. Davidson

SUBJECT: Revised Drill Proposal Austin-Apex/Rea Gold Kamad 7 Options February 1985

The preliminary drill proposals on the Austin-Apex, Rea Gold and Kamad Options as outlined in my January 7th memo have been revised following completion of the MaxMin II and soil surveys and after our meeting with MJK on February 4/85.

The revised proposals which total 1725 m are as follows:

Austin/Apex Option (200m)

P1 (L73W 6+50S -60°SW 100m) will test a MaxMin II anomaly on the projected strike extension of the Rea Gold horizon. The anomaly is similar in conductivity - thickness to those occurring at Rea Gold, has a short strike length and is near the centre of a 400m long conductor.

P2 (L65W 1+60S -60°SW 100m) will test downdip of a 900m long zone of intensely carbonatized basalts which contain anomalous gold values. The hole will test below the most anomalous (1430 ppb Au in soil) part of the zone.

Rea Gold Option (800m)

P3 (L99+50W 4+00N -89° 450m) will test 500m downdip of the present Rea deposits and 250m downdip of any previous drilling. The hole will be testing an area of increasingly high barium in the Rea hangingwall. High barium values in the immediate hangingwall are present near the RG 8 lens, the L100 lens and in holes RG-26, RG-27 and RG-31. This hole has an excellent chance of intersecting a new lens (Fig. 3,6).

P4 (L104W 1+90N -70°SW 125m) will test a good quality MaxMin II anomaly on the projected strike, extension of the Rea Horizon 100m

downslope of any previous drilling. The hole is designed to intersect the conductor at a vertical depth of 75m. Anomalous metal values and strong alteration in RG-15 on Line 103W may indicate proximity to a new lens.

P5 (L107W 9+90N -60° 125m) will test a MaxMin II anomaly on a lower stratigraphic horizon in an area of moderate-strong Na<sub>2</sub>O depleted pyritic mafic volcanics. This zone may be the strike projection of the Lower Chert horizon tested in hole RG-32.

P6 (L97W 1+40N -50° 100m) will test a potential offset of the RG-8 lens. This offset is marked by a two line (100m long) MaxMin II anomaly in an area of no outcrop to the northeast of the RG-8 lens. This area has not been tested by any previous drilling.

#### Kamad 7 Option (725m)

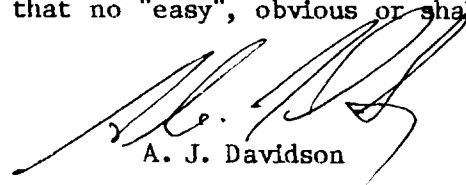
P7 (L87W 2+10S -60° 150m) will test a MaxMin II anomaly on the strike extension of the Rea Gold horizon on the Kamad 7 claim. This MaxMin II anomaly is coincident with an area of pyritic stockwork exposed on surface, a Na<sub>2</sub>O depleted zone and a soil geochem anomaly (Zn, As, Au, Cu, Ag). Excellent potential exists for a new lens.

P8 (L88W 215S -70°S 150m) will test the same horizon as P7 100m along strike. This MaxMin II anomaly is also coincident with the exposed pyritic stockwork and a lithochem anomaly.

P9 (L92W 080S -60° 125m) will test a MaxMin II anomaly on the Rea Gold horizon 500m south of the RG-8 lens.

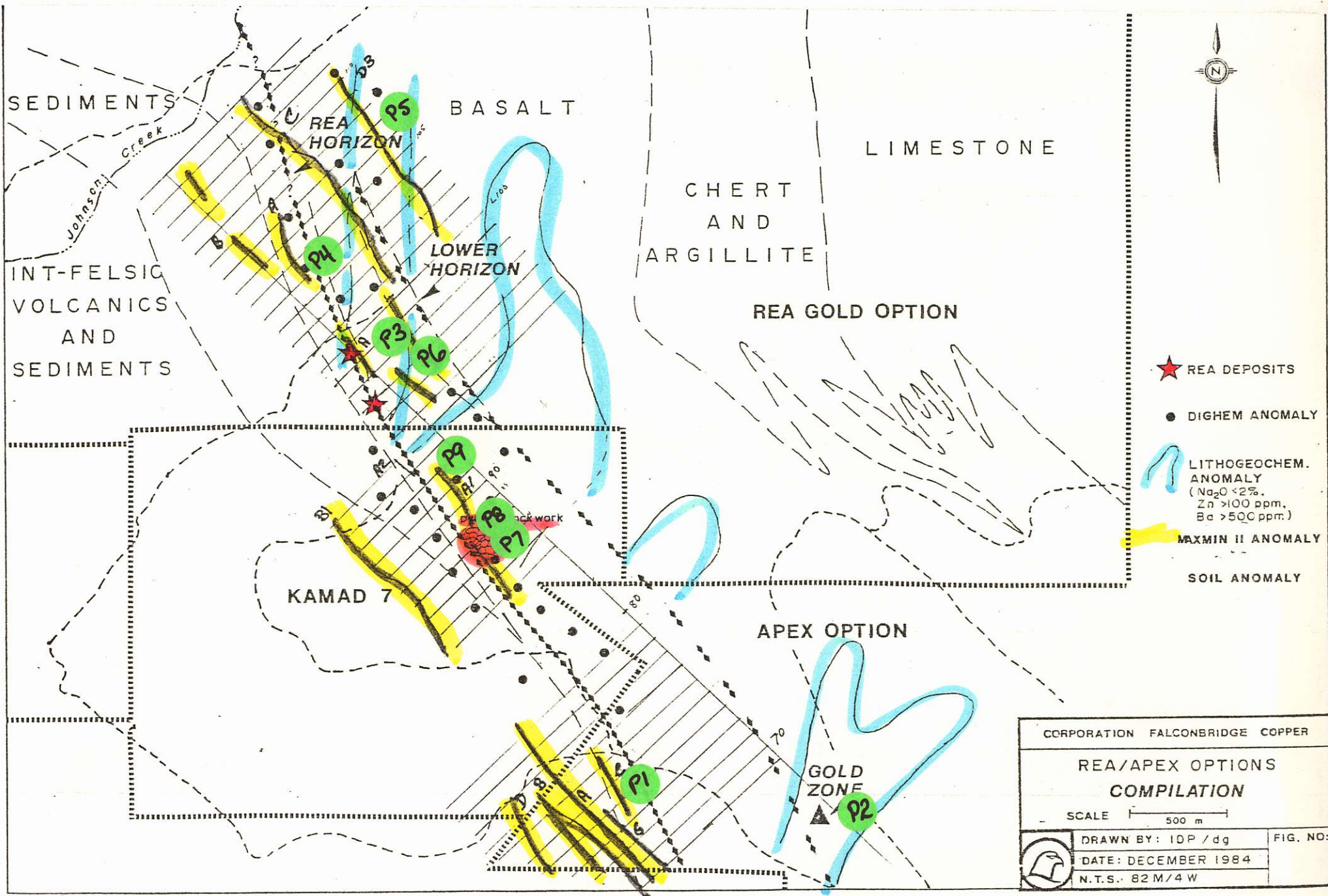
P10 (L87W 1+00S -85° 300m) will test a MaxMin II anomaly, coincident with a soil geochem anomaly and a lithochem anomaly 200m downdip of P7. This hole will intersect the horizon at a vertical depth of 225m.

These proposals will test geological, geochemical and geophysical targets on the Rea Horizon over a strike length of 3 km. The program though designed to intersect ore, will also insure that no "easy", obvious or shallow targets remain.



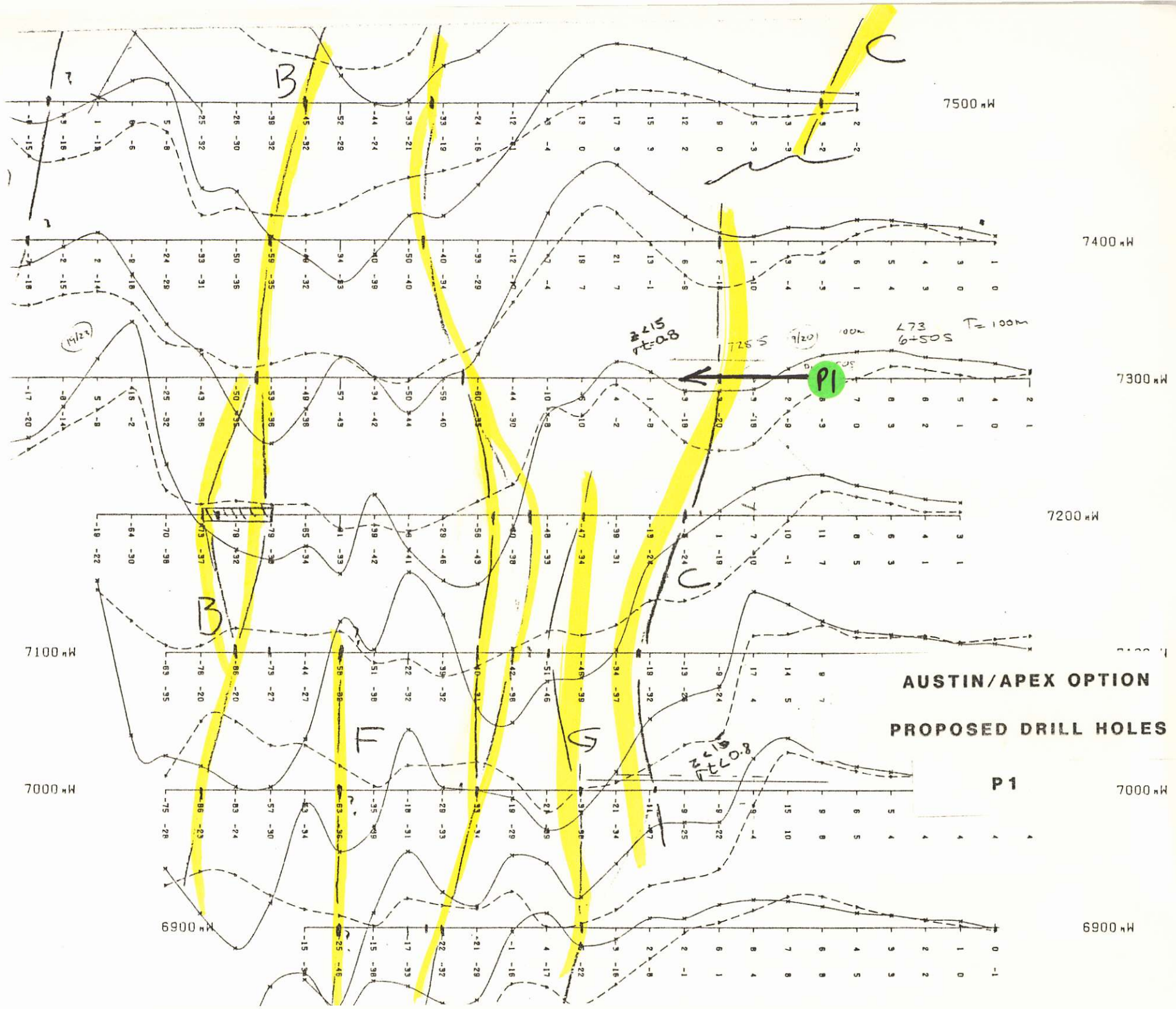
A. J. Davidson

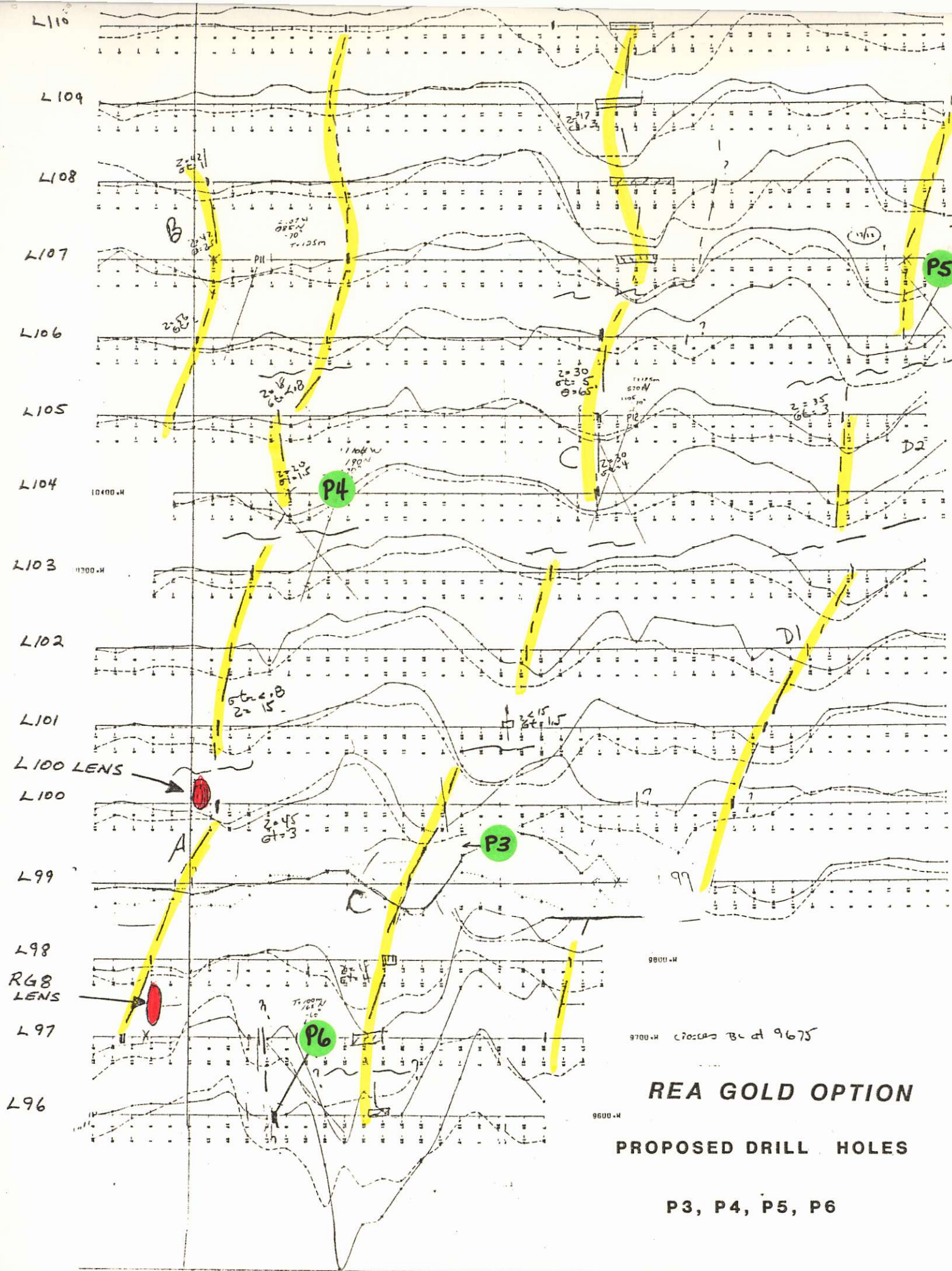
AJD/ik



- ★ REA DEPOSITS
- DIGHEM ANOMALY
- ⌈ LITHOGEOCHEM. ANOMALY  
(Nd<sub>2</sub>O < 2%,  
Zn > 100 ppm,  
Be > 500 ppm.)
- ⌈ MAXMIN II ANOMALY
- ⌈ SOIL ANOMALY

CORPORATION FALCONBRIDGE COPPER	
REA/APEX OPTIONS COMPILATION	
SCALE  500 m	
DRAWN BY: IDP / dg	FIG. NO:
DATE: DECEMBER 1984	
N.T.S. 82 M/4 W	





**REA GOLD OPTION**

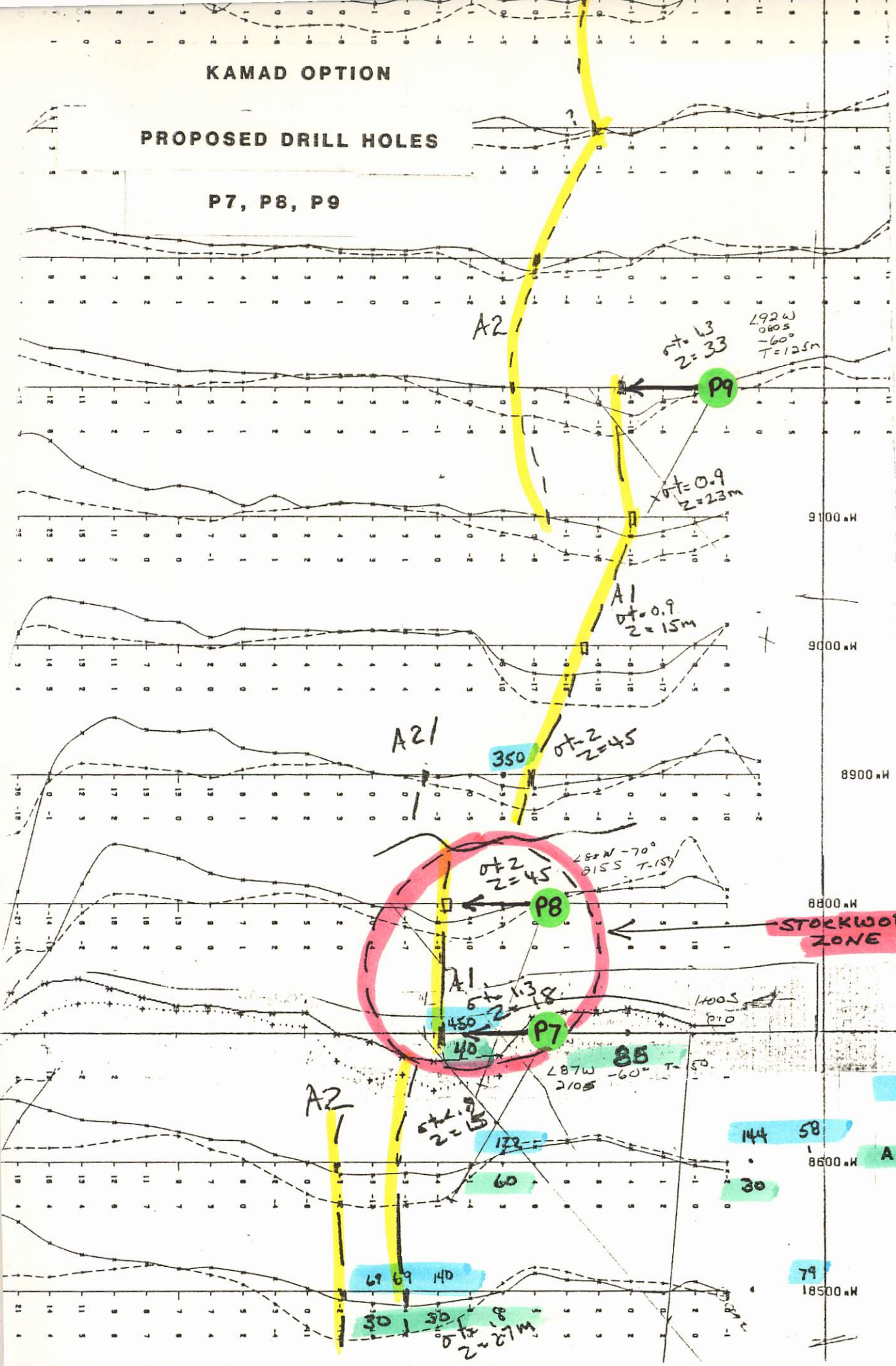
**PROPOSED DRILL HOLES**

**P3, P4, P5, P6**

KAMAD OPTION

PROPOSED DRILL HOLES

P7, P8, P9



9100 mW

9000 mW

8900 mW

8800 mW

**STOCKWORK ZONE**

**As Anomaly**

**Au Anomaly**

8500 mW

18500 mW