



PLACER DEVELOPMENT LIMITED

MEMORANDUM:

TO: R. Shklanka/S.J. Tennant DATE: 25 July 1983
 FROM: R.H. Pinsent FILE: 920/2E
 RE: **POISON NW, NE, SW, SE CLAIMS**

The above claims are part of a package of properties submitted to the Company by Mervin Boe of Mantic Resources Ltd. (682-2063).

The 56 Unit Poison Claim group is located on the east side of Poison Mountain, northwest of the Yalahom River. The claims tie on to a known porphyry copper occurrence on the west side of Poison Mountain (Figure 1).

The claims appear to be underlain by sediments (greywacke, argillite, conglomerate) of the Lower Cretaceous Jackass Mountain Group and Tertiary intrusions consisting of hornblende and biotite porphyry. The Poison Mountain Cu deposit appears to be a fairly typical porphyry occurrence with two phases of intrusion, brecciation and locally intense hydrothermal alteration. Weak disseminated and fracture controlled chalcopyrite mineralization occurs in the biotite porphyry phase and along the contact between the hornblende porphyry phase and the country rock greywacke (A.R. 411). Asarco, who examined the deposit in 1961, extended their geological survey to include much of the area now covered by the Poison Claim group. They found unaltered sediment and porphyry and were evidently confident that they had not missed a comparable deposit to the east (A.R. 411).

Two Airborne magnetometer surveys were conducted in the general vicinity of the claim group in 1966. (A.R. 926 and A.R. 968). The surveys came up with a few "trends" but otherwise add little.

Mahogany Mining Co. Ltd. conducted a surface geological examination and silt sampling programme on the property in 1980. The results are not available but reference in a later (1981) I.P. Survey report (attached) indicate that the geochemical response was poor. The I.P. data is incomplete.

The only known mineralization on the property appears to be in an "8 quartz vein disclosed by a trench that shows a mass of solid galena and sphalerite" (I.P. Survey report). This is presumably the source of the "highgrade" material analysed by Chemex Labs Ltd. (see attachment).

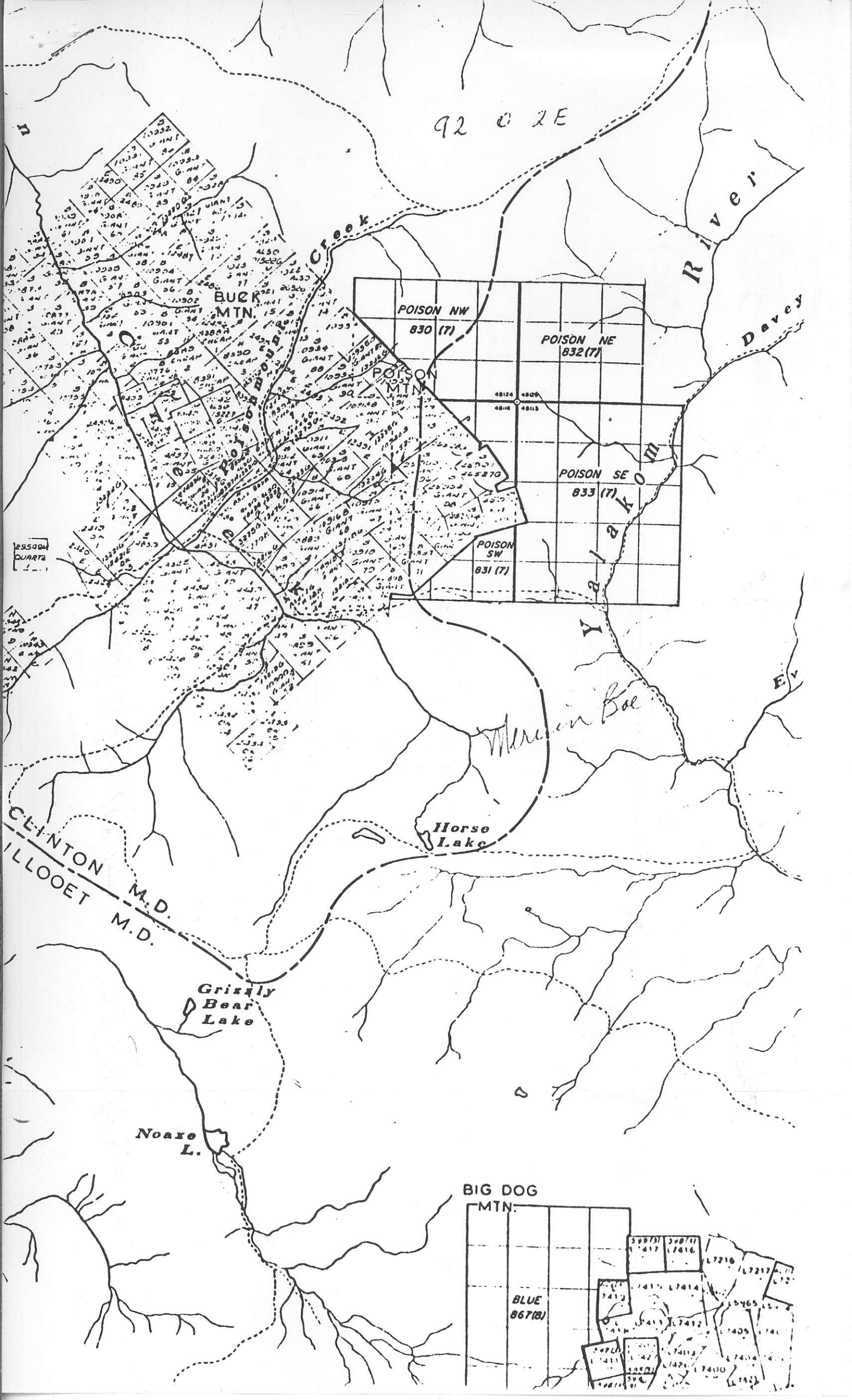
I do not recommend that we take any further action on this property.

A handwritten signature in black ink, appearing to read "R.H. Pinsent", with a horizontal line drawn through the bottom of the signature.

R.H. Pinsent

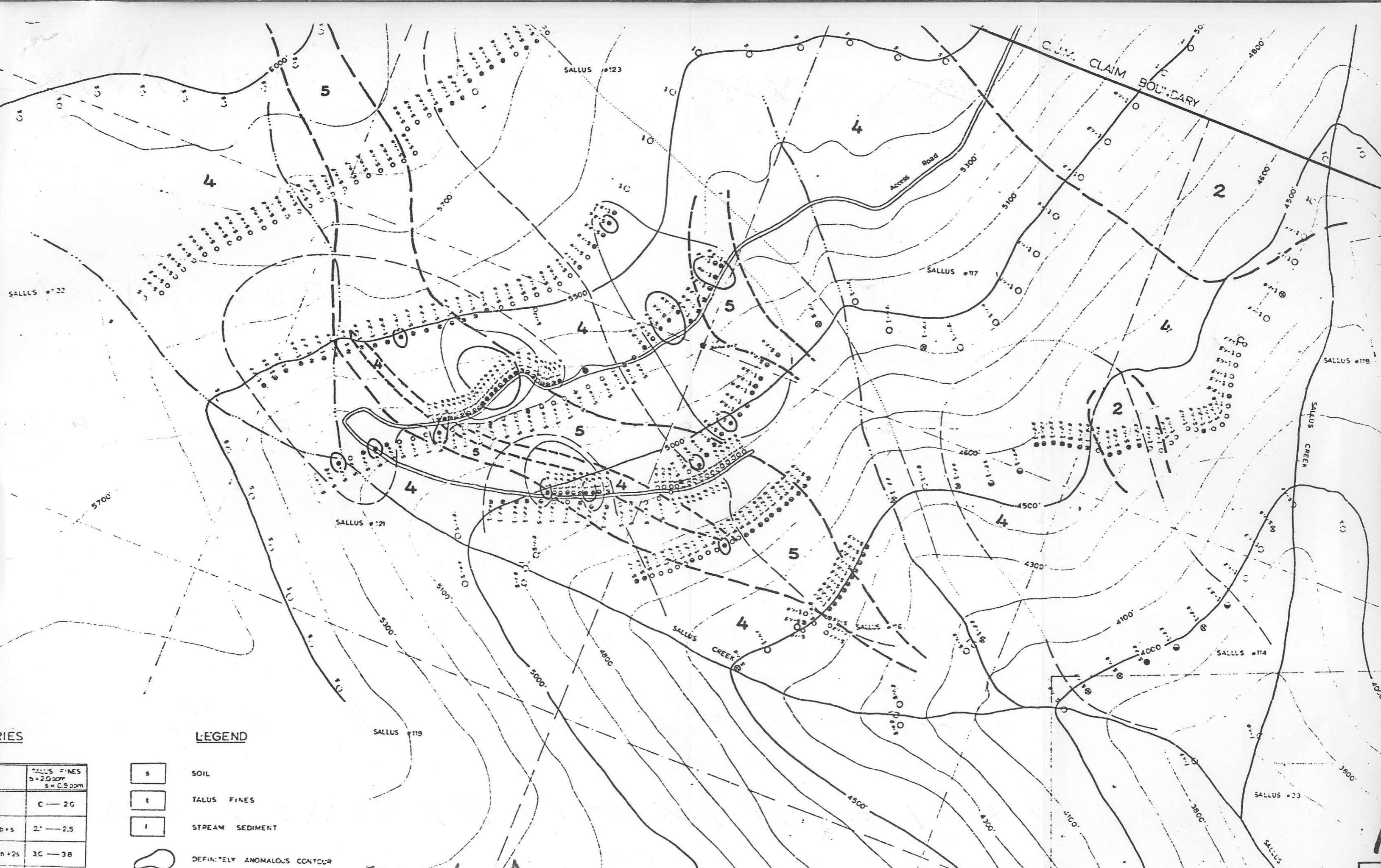
RHP/cs

92 0 2 E



BIG DOG MTN.





RIES

	TALUS FINES d = 2.0 ppm s = 0.5 ppm
	C — 20
d + s	2' — 2.5
d + 2s	3C — 38

LEGEND

- s SOIL
- t TALUS FINES
- i STREAM SEDIMENT
- DEFINITELY ANOMALOUS CONTOUR