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I.M.I.

BRIEF REPORT EL 4/61

NOV '81 TO MAR '82

EDYVEAN

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INDUSTRIAL & MINING INVESTIGATIONS PTY LTD

22 MAR 1982

A BRIEF REPORT OF FIELD PROGRESS, EL 4/61,
FOR THE PERIOD 24 NOVEMBER 1981 - 5 MARCH 1982

J of M	A.O.	C.G.	E.O.	D.S.M.E
				Registrar
Received	22 MAR 1982			E & IL
Answered				
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Plans

- 1a and 1B - Soil Survey Davis Creek/ ✓
Specimen Creek - Zinc
- 2a and 2B - Soil Survey Davis Creek/ ✓
Specimen Creek ✓ - Copper
- 3 - Investigation of Magnetic Highs ✓
- 4 - Main Creek Magnesite ✓

A. INTRODUCTION

Investigations within this period have been as follows:

1. the implementation of a soil geochemical survey in the Davis Creek-Specimen Creek area;
2. an investigation of the aeromagnetic highs to the north of the Savage River magnetite deposits;
3. the drilling of the Specimen Reef gold area;
4. the sampling and mapping of the Main Creek magnesite.

B. DAVIS CREEK-SPECIMEN CREEK SOIL GEOCHEMICAL SURVEY (Plans 1a and 1b, 2a and 2b)

The stream sediment survey of Specimen Creek (see our quarterly report of 24/11/81) outlined several anomalous Zn & Cu values. The follow-up soil survey outlined the presence of Zn & Cu readings compatible with the stream sediment survey. These anomalous readings are of modest proportion only and it is felt that they do not represent a significant zone of mineralisation.

C. INVESTIGATION OF AEROMAGNETIC HIGHS (Plan 3)

The road to the magnetic anomaly targets in the north of the EL has been upgraded and extended to the head of the Little Savage River. Cut lines, intended to provide access to the magnetic targets, have been constructed, and most of the initial planned soil sampling coverage of these anomalies is completed. Assaying of these samples has not been completed, and the ground magnetic surveys have not commenced to date.

D. SPECIMEN REEF DRILLING PROGRAMME

Four drillholes have been completed at Specimen Reef. No significant economic sulphide mineralisation has been intersected, although pyrite is fairly common. The main feature of interest is a gold-bearing vein, of 1.5 cm, encountered at approximately 140 metres in drillhole No 1, drilled beneath the "old workings". Hole No 4 intersected the old workings and recovered some mine timber at a depth of 85 metres - i.e. some 45 metres below the level of tunnel No 2 of the former workings. Thus, drives and/or stopes exist to quite surprising depths.

Holes Nos 2 and 3, drilled to test I.P. anomalies, did not produce any information to account for the source of the anomalies. Hole No 5 is presently being drilled in an endeavour to intersect the vein of Hole No 1, closer to the surface. This hole will complete the drilling programme.

E. MAIN CREEK MAGNESITE (Plan 4)

The road to the Main Creek magnesite prospect is at present out of action, as many trees have come down across it since the bushfires. An attempt to dig costeans with a bulldozer was abandoned once it became clear that the mantle of superficial cover was too great to make that approach practicable. A large representative sample, of some 150 Kg, has been collected from the natural costean of Main Creek itself and forwarded to the CSIRO for pilot plant tests. Further samples will be obtained by drilling, this drilling to commence as soon as a drilling contractor is available.

M. D. EDYVEAN

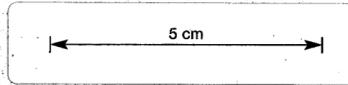
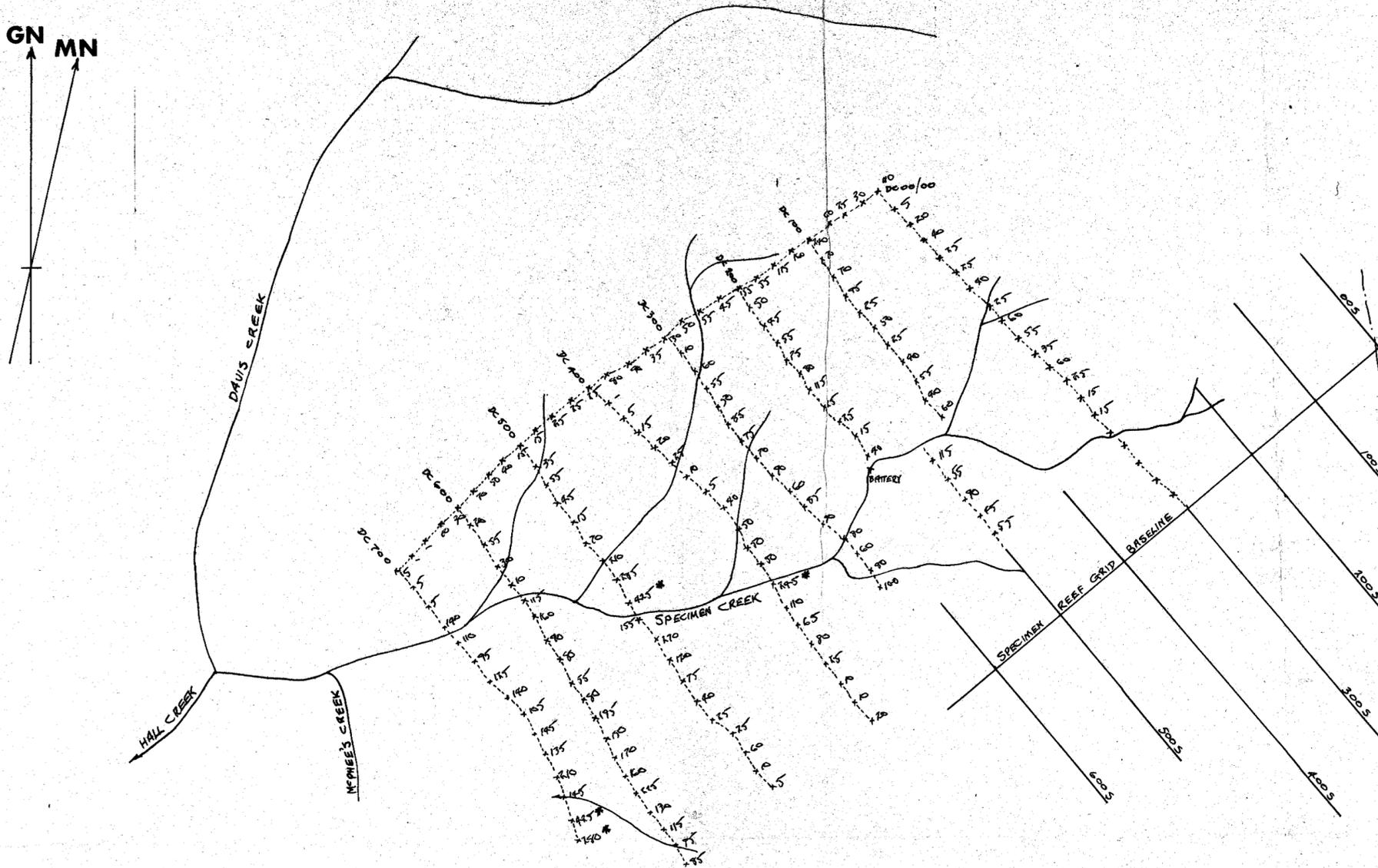
10 March 1982

DAVIS CREEK-SPECIMEN CREEK GEOCHEMICAL SURVEY-(EL4 61)

SOIL SAMPLING PROGRAMME

Zinc

GN MN



INDUSTRIAL AND MINING INVESTIGATIONS PTY. LTD.
SCALE. 1:5000
AUTHOR. E. DUBOWSKI
DRAWN BY. M. EDYVEAN
DATE. DECEMBER, 1981
ANOMALOUS SAMPLE. *

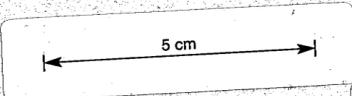
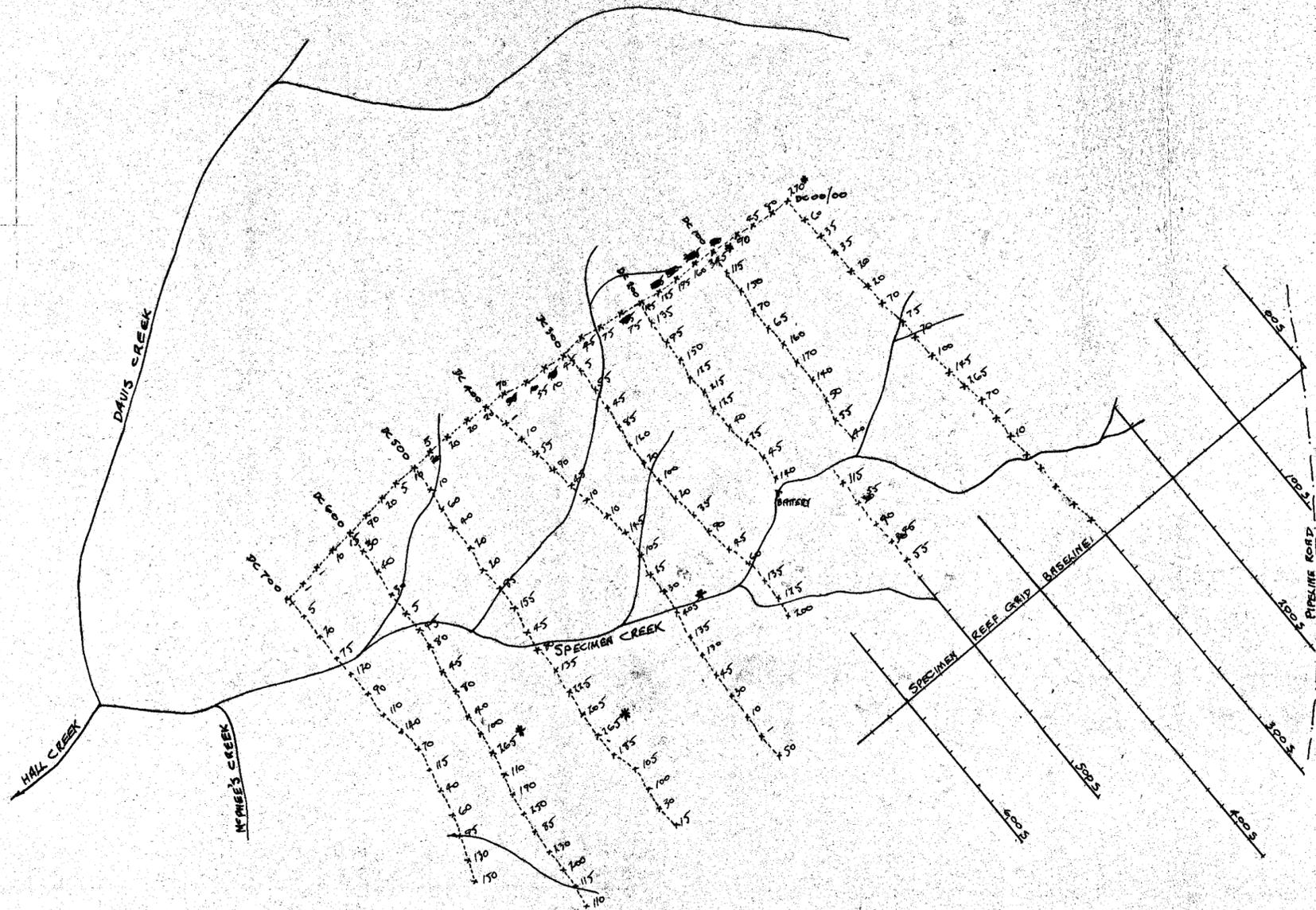


Zinc
Contours at 25 50 100 200 400 ppm

DAVIS CREEK-SPECIMEN CREEK GEOCHEMICAL SURVEY-(EL4 61)

SOIL SAMPLING PROGRAMME

Copper



INDUSTRIAL AND MINING INVESTIGATIONS PTY. LTD.
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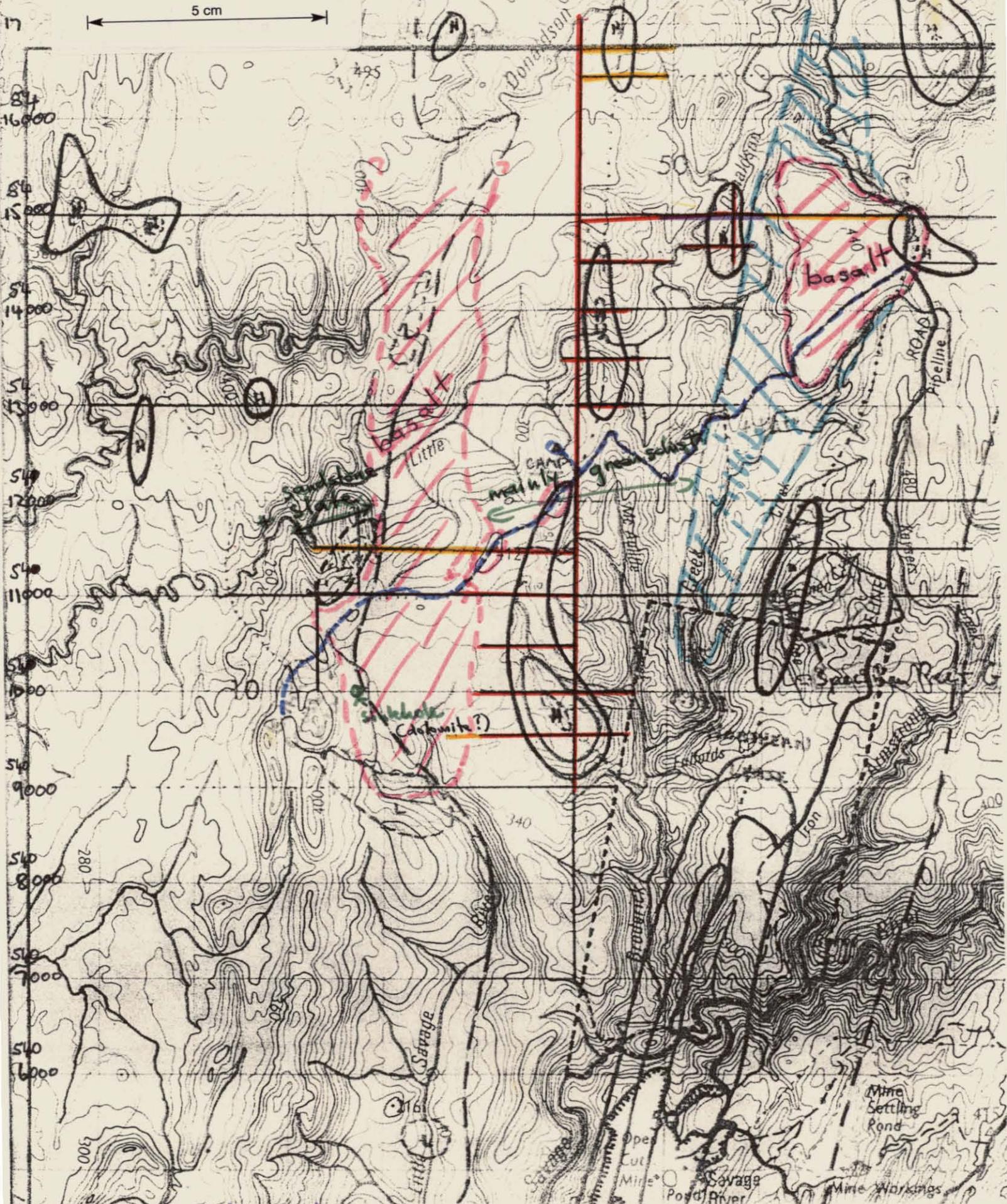


Copper

Contours at 25 50 100 200 400 ppm

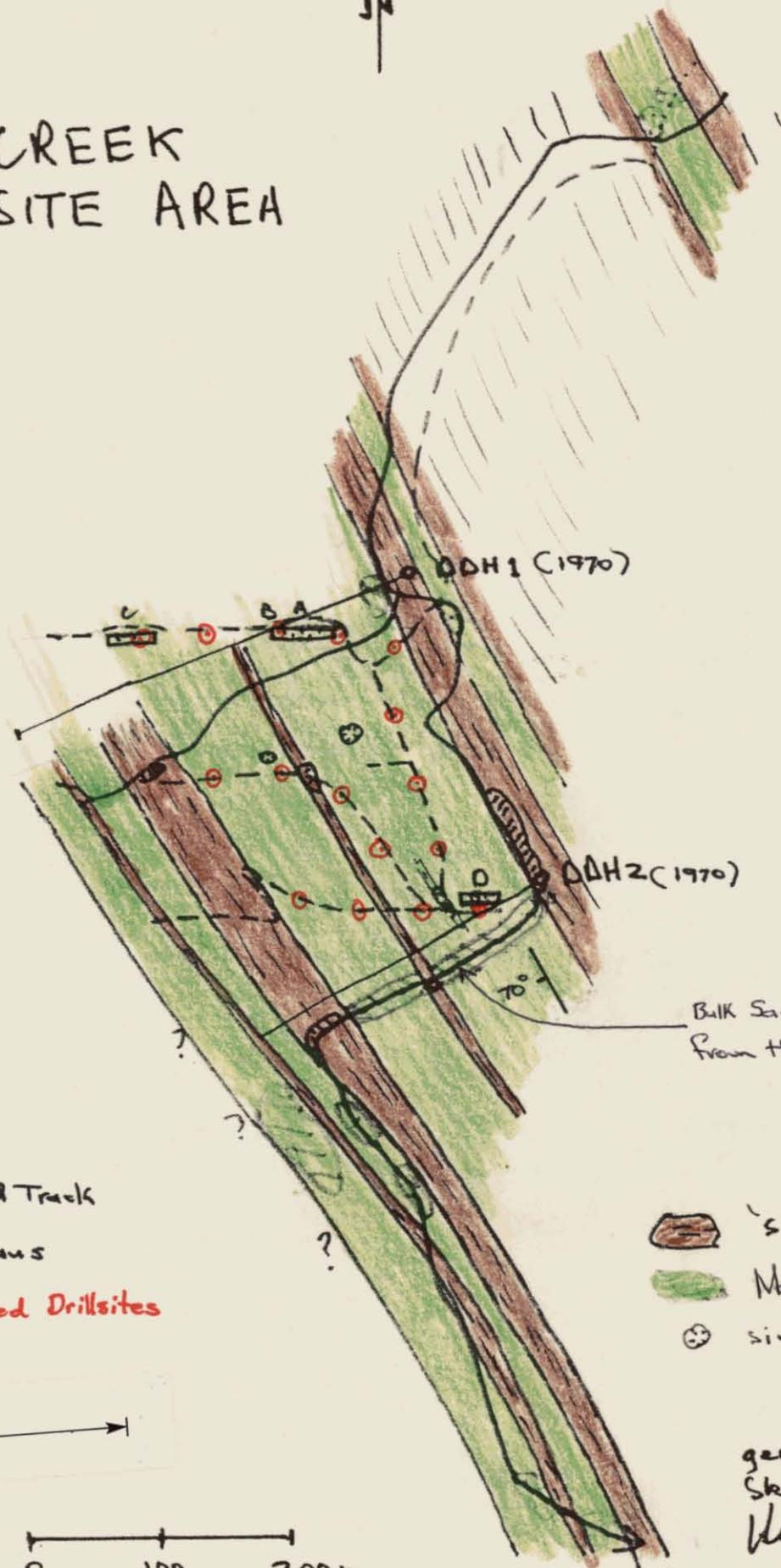
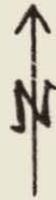
PLAN 3. — PART MAP HOKTON 1:50,000 — INVESTIGATION OF AEROMAGNETIC HIGHS

44 345000 346000 347000 348000 349000 350000 351000 352000 353000
 780009



— = assayed sample
 — = sampling completed 2.3.82.
 — = cut lines, not sampled.
 --- = road complete at 2.3.82.

MAIN CREEK MAGNESITE AREA



- Dazed Track
- A etc Costeaus
- Proposed Drillsites

-  'schist'
-  Magnesite
-  sinkholes

5 cm

0 100 200 m.

geological
sketch by.
Harry Sherman
16-2-82