
Date	28th March, 1988	Ref	awm.jmc
To	D. B. Wallace	From	A. W. McNeill
At	Burnie	At	Burnie
Copies to	ETE, RGP, DJJ, LWD	Keep	

Subject DIAMOND DRILL PROPOSAL - MAC 15 - TAILINGS DAM EXPLORATION

A diamond drill hole is proposed West of the Que River to test coincident anomalous geochemistry and alteration.

The hole will be sited to test a Pb, Zn, Hg soil geochemical anomaly associated with bleaching and quartz veining in the Que River Shale, a similar alteration style to that above Hellyer. The area has been surveyed by UTEM, however this technique is ineffective within 200m of transmission lines (Silic 1987) and thus this anomaly is geophysically untested. An inferred growth fault, adjacent to the anomalous zone, that may have concentrated hydrothermal fluids during deposition of the QHV also makes this target attractive.

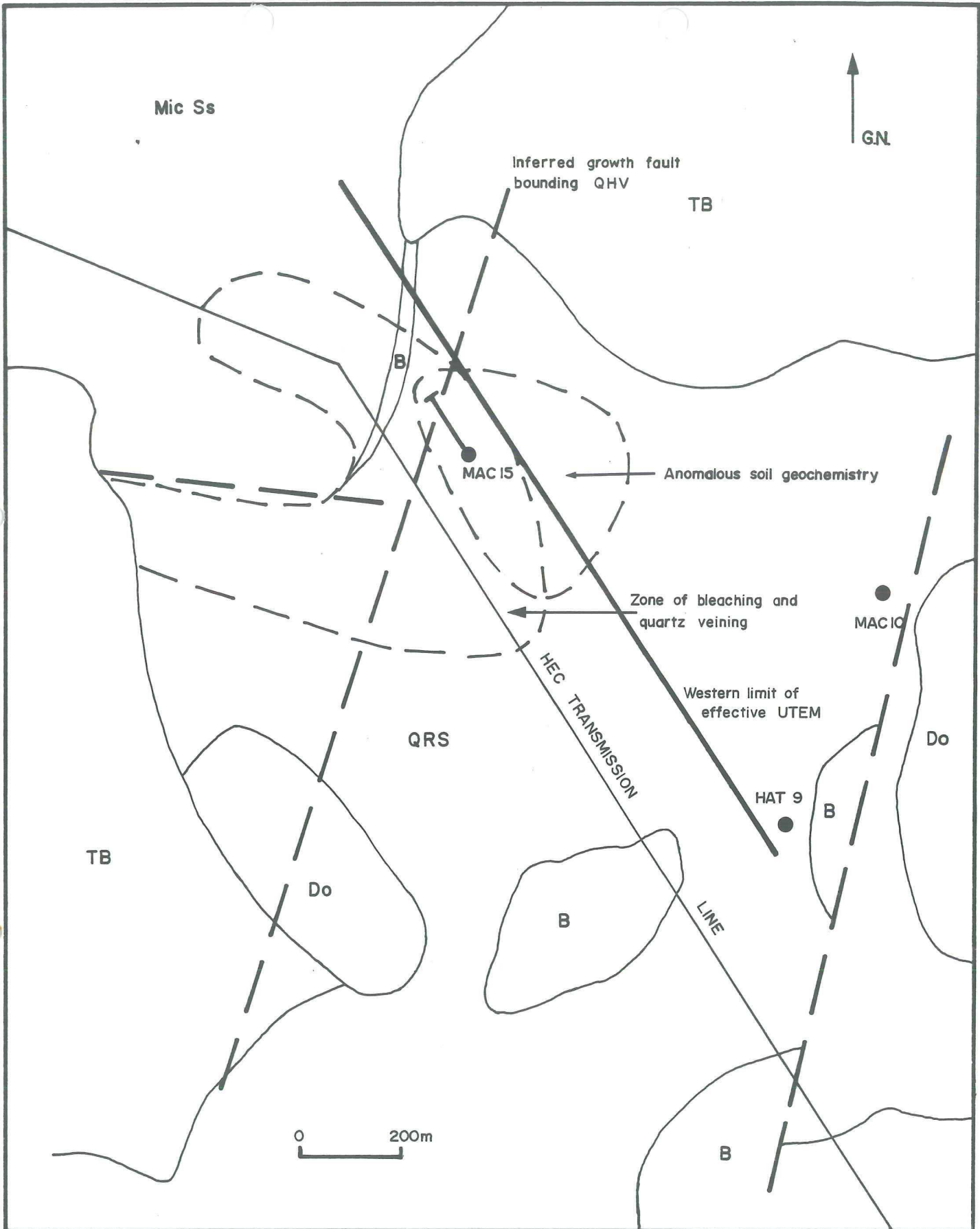
DDH Mac 15 will be collared at 10850N, 3380E, in the centre of the anomalous zone and drilled at 75° to 300° (mine grid). Core orientation can be undertaken to establish the dip of the Que River Shale in this area. Based on thickness in Mac 10 and Mac 9 and the occurrence of basalt to the north and south, the HOP should be intersected at 150-200m. The hole will be cased with PVC and read with DHEM.



A. W. McNEILL.

Reference: Silic 1987, Internal memo JS to EHS, 7 April, 1987. "Effectiveness of EM techniques on the Mackintosh-Hatfield EL".

Attachments: Summary Geology - N.W. Tailings Dam.
Mac 15 - prognostic section.



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REVISIONS			
Init.	Date	Init.	Date

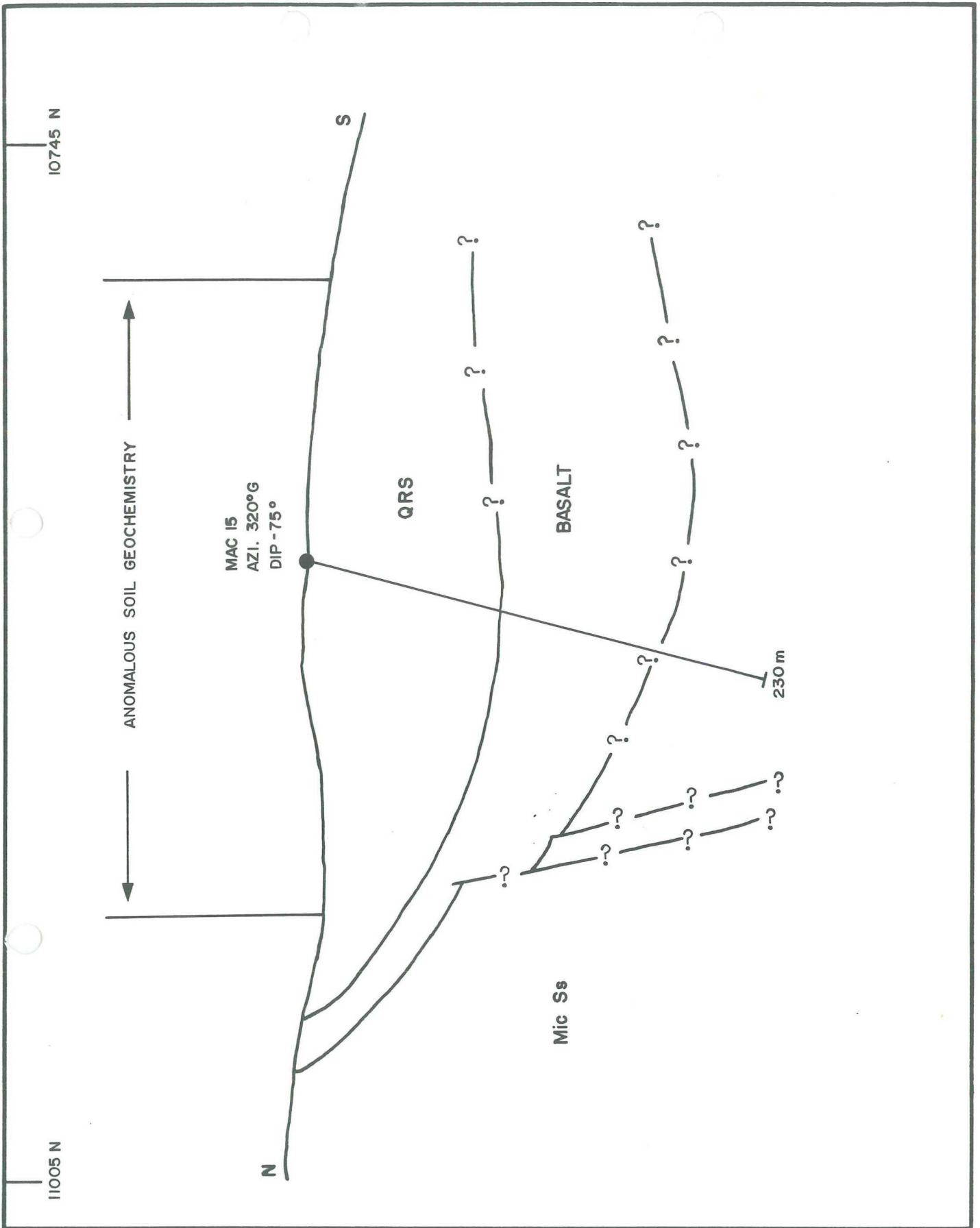
NORTH WEST TASMANIA
MACKINTOSH E.L. 106/87
PROPOSED DDH MAC 15
 INTERPRETIVE GEOLOGY

Compiled : AMH, AMcN
 Drawn : AMcN
 Traced : R de B
 Checked : AMcN
 Plate No. : MAC 182

Location Code : K55/6/44

Scale :

Date : Mar. 1988



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Init.	Date	Init.	Date

NORTH WEST TASMANIA
MACKINTOSH E.L. 106/87
PROPOSED DDH MAC 15
SCHEMATIC SECTION 320° G

Compiled :	AMcN
Drawn :	AMcN
Traced :	R de B
Checked :	AMcN

1-1-07-1

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DHEM LOOP RECORD

LOCATION: Hellyer.

DATE READ: 3/8/88 + 4/8/88

DDE: MAC 15.

READ BY: P M^c SKIMMING.

INSTRUMENT: 1237 SIROTEM.

