

CCH RESOURCES LTD.

ASSESSMENT REPORT

REGIONAL GEOCHEMICAL SURVEY

EPD CLAIMS 1 TO 84

115 - P - 9, 10, 15, 16

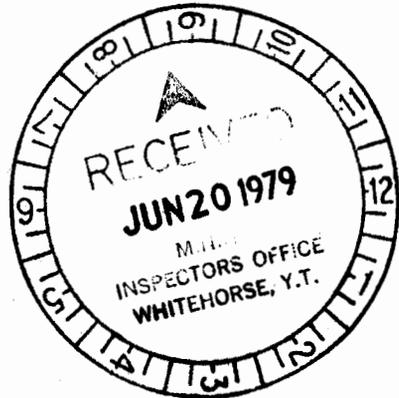
63° 45' 136° 30'

MAYO AREA

YUKON TERRITORY

090476

A. WOODSEND
MAY 11, 1979



This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of \$ 11,200.⁰⁰

Ruth Debicki
Acting Resident Geologist of July 13/79
Resident Mining Engineer

Considered as representation work under
Section 53 (4) Yukon Quartz Mining Act.

Commissioner of Yukon Territory

C O N T E N T S

	<u>Page</u>
1. INTRODUCTION	1
2. EXPLORATION HISTORY	2
3. GENERAL GEOLOGY	2
4. GEOCHEMICAL METHODS	2
5. GEOCHEMICAL RESULTS	3
6. RECOMMENDATIONS	3
7. STATEMENT OF QUALIFICATIONS	4
8. STATEMENT OF EXPENDITURES	5

ATTACHED

EPD 1-84 SKETCH MAP	½ mile=1"
TY 16a EPD GROUP, RECCE. GEOCHEM.; Sn, W.	1:10,000
TY 16b EPD GROUP, RECCE. GEOCHEM.; Cu, Pb, Zn.	1:10,000
TY 16c EPD GROUP, RECCE. GEOCHEM.; Ag, Mo, As.	1:10,000
TY 17 EPD GROUP, PRELIMINARY DETAIL GEOCHEM.	1:2,000

INTRODUCTION

The EPD claims straddle the lower part of the Oliver Creek drainage area just south of the McQuesten River. A claim sketch is attached.

The claims are owned by CCH RESOURCES LTD. of Toronto, Ontario.

The work outlined in this report was conducted intermittently from June 1st., 1978 to September 10, 1978 by CCH RESOURCES LTD. as part of the Cortin Joint Venture's exploration program.

EXPLORATION HISTORY

Stream sediments anomalous in tin were found in Oliver Creek by the company in 1977. True heavy mineral concentrates ran up to 7.35% Sn and 1.90% WO₃. Prior to 1977 no mineral occurrences had been reported from this area.

GENERAL GEOLOGY

Outcrop on the group is scarce; even the steeper slopes are covered in a thick moss blanket which contains occasional scree boulders. The country rocks are the Yukon Schist series that have quartzite and occasional limestone interbeds. Over most of the claim group these beds are fairly flat-dipping.

No outcropping intrusive bodies have been found, though pieces of granite and Q.B.P. scree were found on the claim line nearest to the McQuesten River.

Within the detail grid there is mineralized float and in Oliver Creek itself vuggy quartz vein boulders are common.

GEOCHEMICAL METHODS

Several geochemistry traverses have been run along claim lines 900m apart (see Map TY 16a), widely spaced even for reconnaissance coverage. In addition some contour lines were run either side of Oliver Creek. The -80 mesh fraction of all samples was analysed for Sn, W, Cu, Pb, Zn, Ag, Mo, As by Bondar-Clegg in their Whitehorse, Vancouver and Ottawa laboratories.

GEOCHEMICAL RESULTS

Several strong tin anomalies with concurrent Cu, Pb, Zn, Ag and As were traced over strike lengths of up to 2.5km.

Results from the initial claim line sampling prompted some limited detail sampling (see Map TY 17) which confirmed the trend and strength of the anomalies. The only disappointment so far is the tungsten's poor response, but a few scattered high values on the claim lines may develop into anomalous zones. Three pieces of mineralized float were found in the central part of the detail grid. Two were of quartz vein material with traces of galena; the third was a block (approx. 0.5 cu.m.) of malachite-stained breccia that assayed 0.18% Sn, 0.84% Cu, 0.15% Zn and 45 ppm Ag.

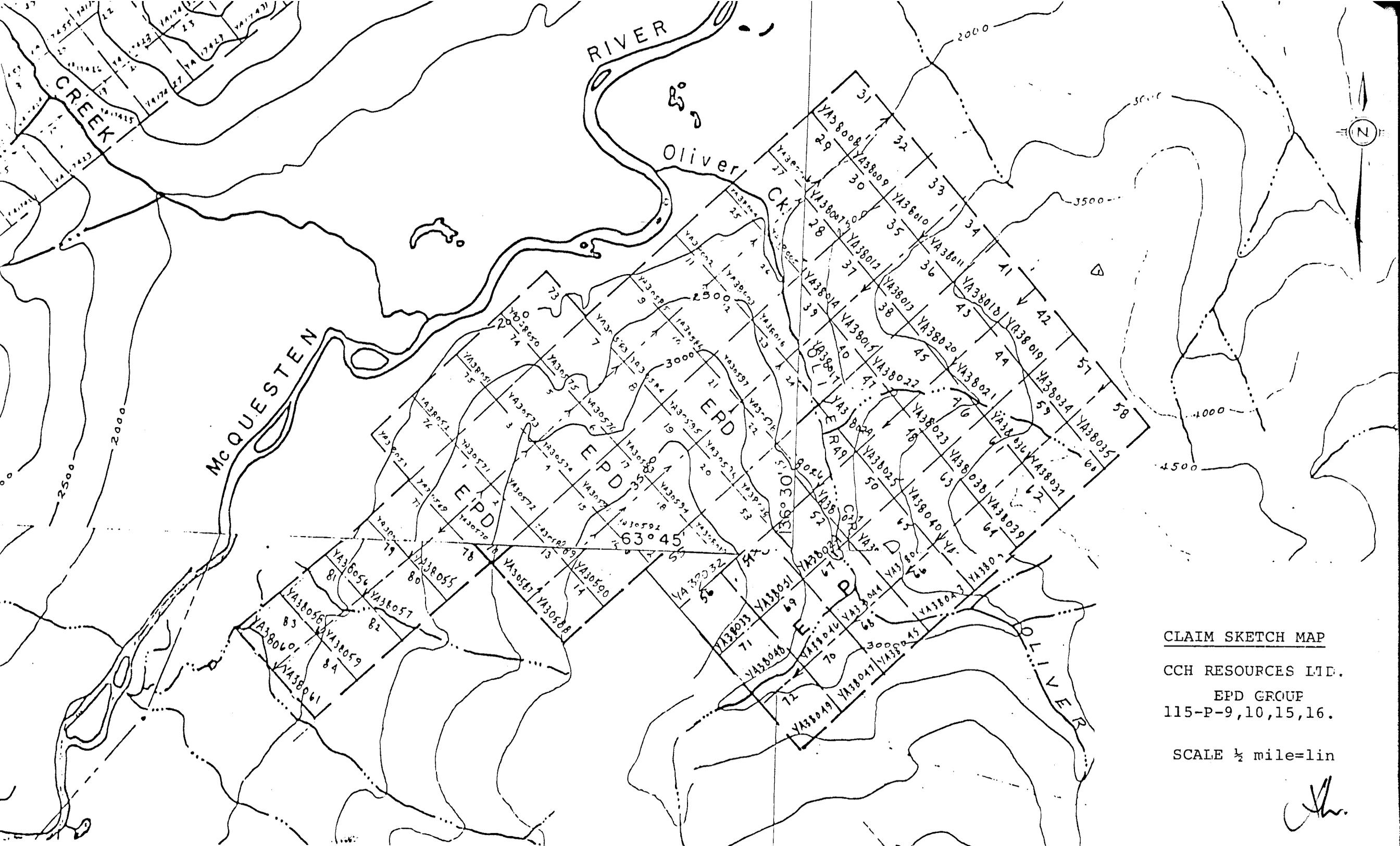
RECOMMENDATIONS

The strength and persistence of the anomalies, particularly tin, make the EPD Group a most intriguing prospect. Detailed sampling, trenching to bedrock, and mapping (wherever possible) will give a better understanding of the distribution and tenor of the bedrock mineralization. This work is planned for 1979, and should the results be favourable, a preliminary drill program will be considered.

Vancouver, B.C.
May 11, 1979



Angus Woodsend,
Senior Geologist



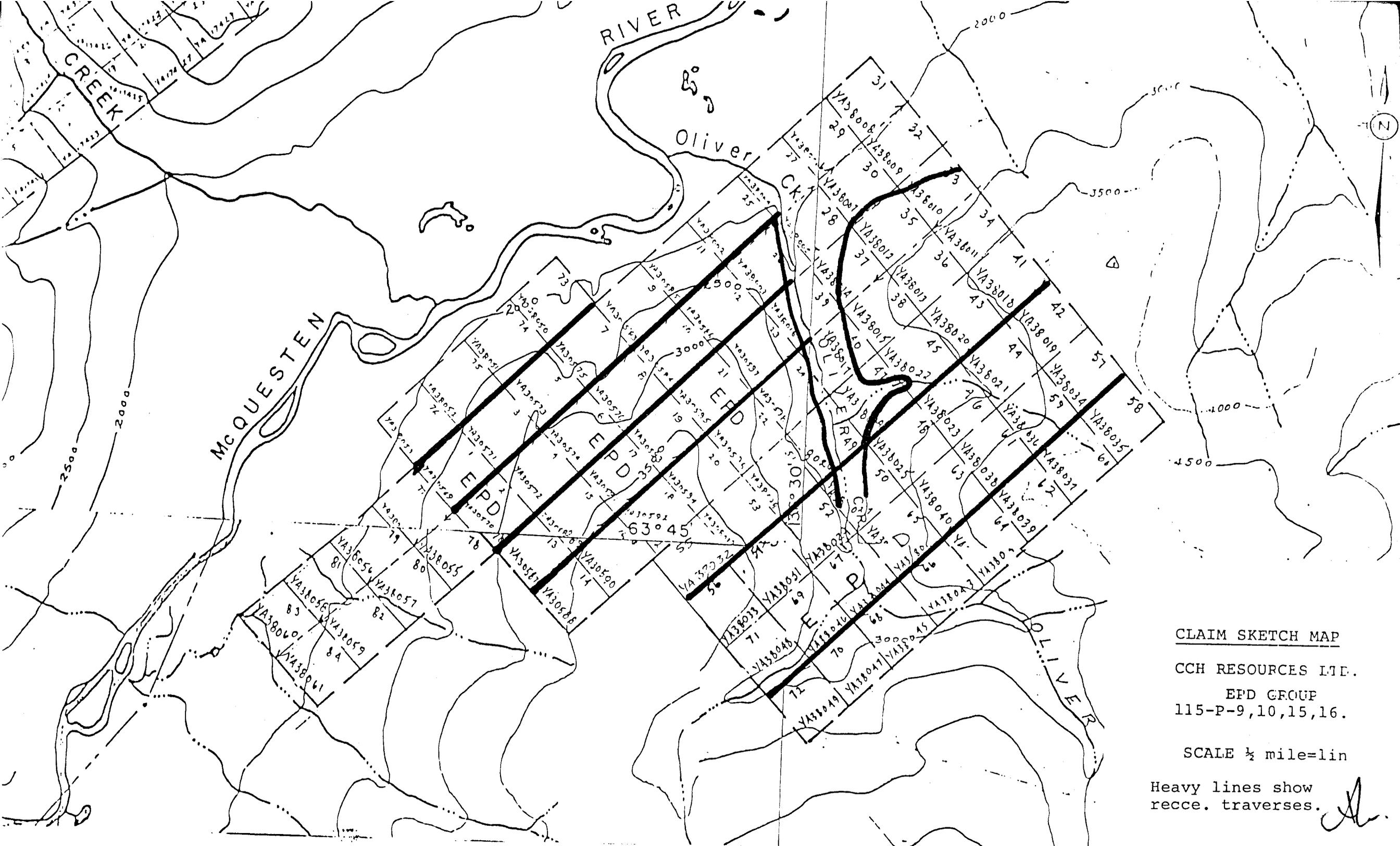
CLAIM SKETCH MAP

CCH RESOURCES LTD.

EPD GROUP
115-P-9,10,15,16.

SCALE 1/2 mile=lin

Sh



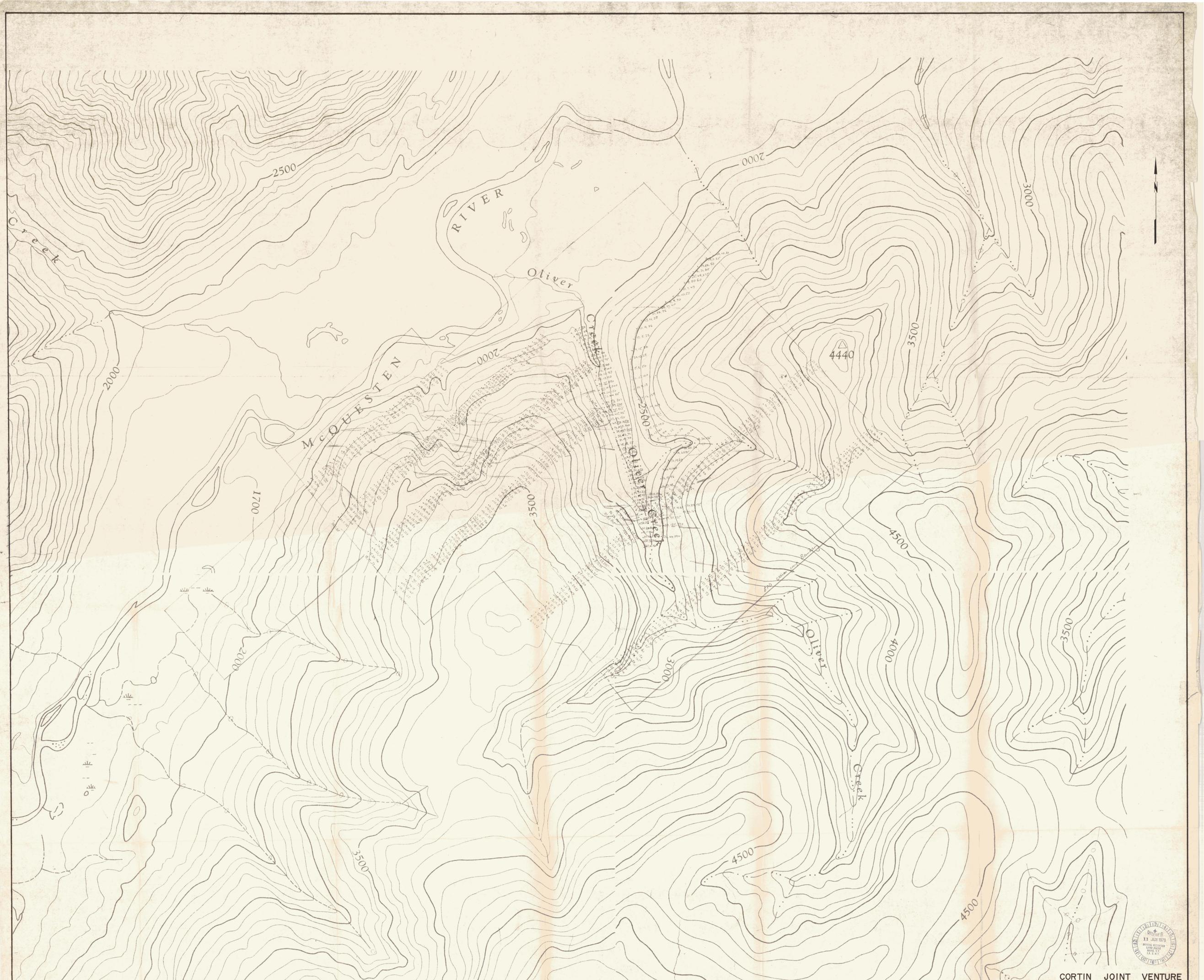
CLAIM SKETCH MAP

CCH RESOURCES LTD.

EPD GROUP
115-P-9,10,15,16.

SCALE 1/4 mile=lin

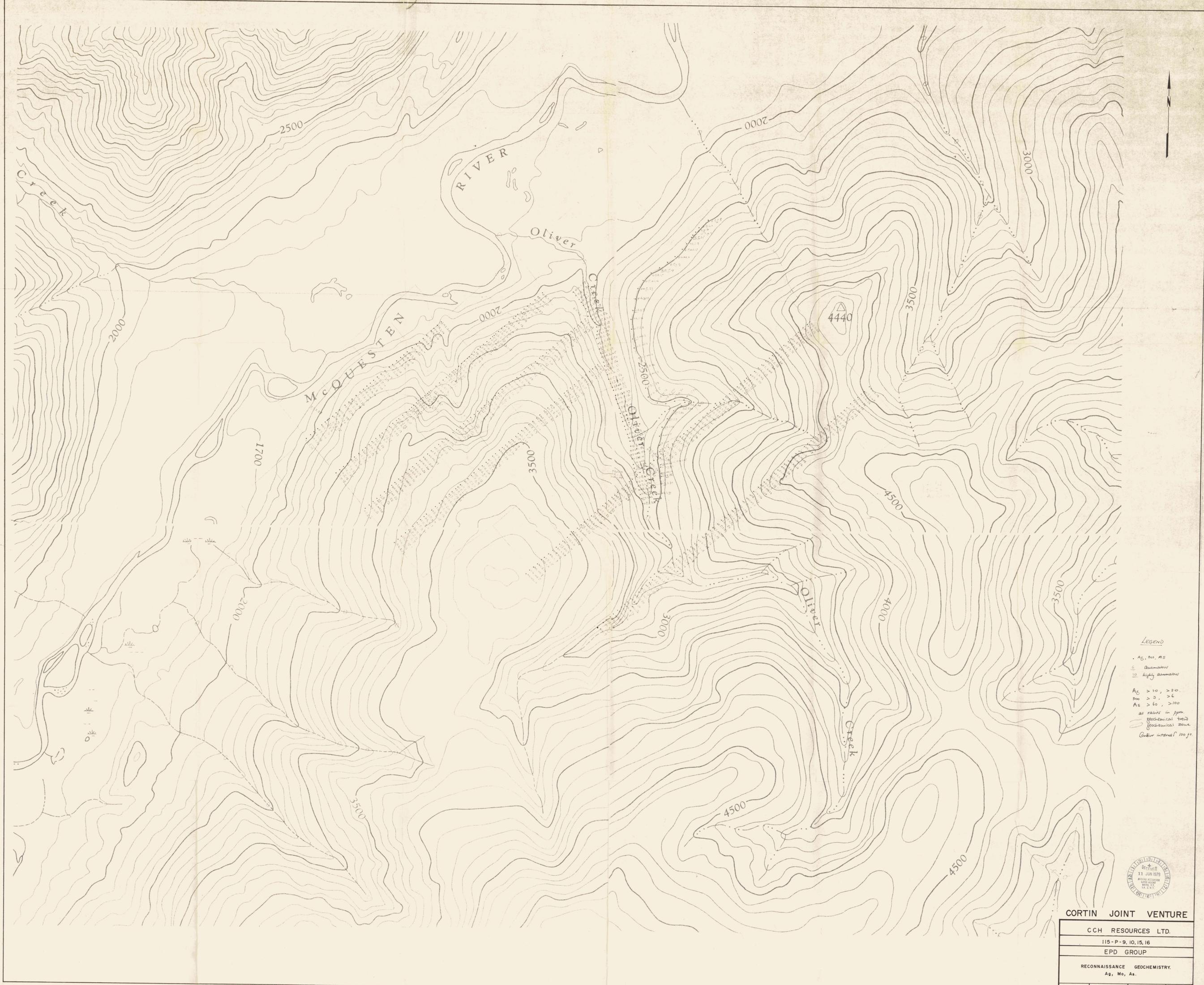
Heavy lines show
recce. traverses.



CORTIN JOINT VENTURE

CCH RESOURCES LTD.
115-P-9, 10, 15, 16
EPD GROUP
RECONNAISSANCE GEOCHEMISTRY
Cu, Pb, Zn.
Dr. by A.W. Scale 1:10,000 Date Nov '78 No. 16b

LEGEND
 Self sample location
 Cu, Pb, Zn in ppm
 50, 100
 Element distribution, high anomalous
 Cu > 50, 200 ppm
 Pb > 50, 200 ppm
 Zn > 50, 200 ppm
 Geological features
 Geological zone



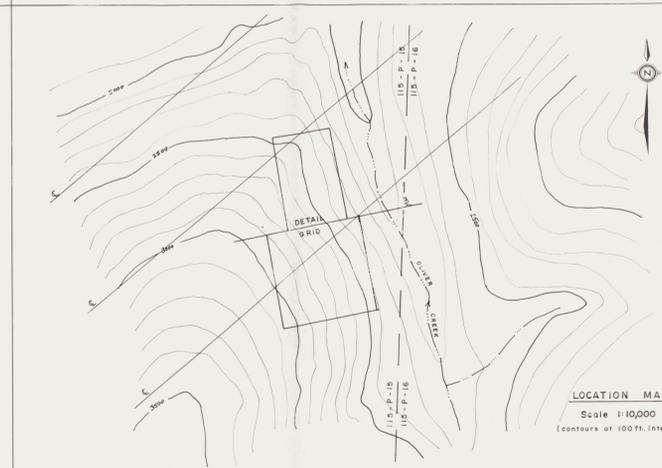
LEGEND

- . Ag, Mo, As
- o anomalous
- oo highly anomalous
- Ag > 10, > 20
- Mo > 3, > 6
- As > 60, > 100
- all values in ppm
- geochemical trend
- geochemical zone
- Contour interval 100 ft.



CORTIN JOINT VENTURE

CCH RESOURCES LTD.	
115-P-9, 10, 15, 16	
EPD GROUP	
RECONNAISSANCE GEOCHEMISTRY.	
Ag, Mo, As.	
Dr by A.W.	Scale: 1:10,000
Date: Nov./78	TY-16c



- LEGEND**
- soil sample and value in ppm
 - claim line
 - base line
 - < 2 less than 2ppm
 - > more than
 - ND not detectable
 - X breccia float, value in ppm



CORTIN JOINT VENTURE

CCH RESOURCES LTD.

115-P-15
EPD GROUP

PRELIMINARY DETAILED GEOCHEMISTRY