

MAP No.

106-C-7

ASSESSMENT REPORT
N. M. E. A. P.
CONFIDENTIAL
OPEN FILE

X
X

TYPE OF

WORK: Geol, Geochem

REPORT FILED UNDER	Lion Mines Ltd.	DOCUMENT NO. 061480
DATE PERFORMED	June 11 - Aug. 7, 1974	DATE FILED: Jan. 14, 1975
LOCATION - LAT. LONG.	64°28'N	AREA: Harrison Creek, Yukon
	132°43'W	
CLAIM NO.	HARRY 1-24 Y85010-33	
VALUE \$		
WORK DONE BY	C.K. Ikona	
WORK DONE FOR	Harman Management L.	
REMARKS	The claims are underlain by shales and siltstones of the Sheepbed Fm. Soil and silt geochem located 2 spot highs but little else. No further work recommended.	

061480

GEOLOGICAL & GEOCHEMICAL REPORT

on the

HARRY MINERAL CLAIMS

Lat. $64^{\circ} 30^{\prime 25}$ N Long. $132^{\circ} 47^{\prime 43}$ W

106-C-7

for

LION MINES LTD.
(HARMAN MANAGEMENT LTD.)

by

Charles K. Ikona P. Eng.

August 27, 1974

N.M.E.A.P.
Received
Jan 14, 1975.

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Volume II

A) statement of general expenses and notes

B) support data

Arctic
Ocean

ALASKA

NORTHWEST
TERRITORIES

YUKON

Clinton

Dawson

Keno

Elsa

Mayo

HARRY CLAIM
GROUP AREA

Carmacks

Faro

Ross River

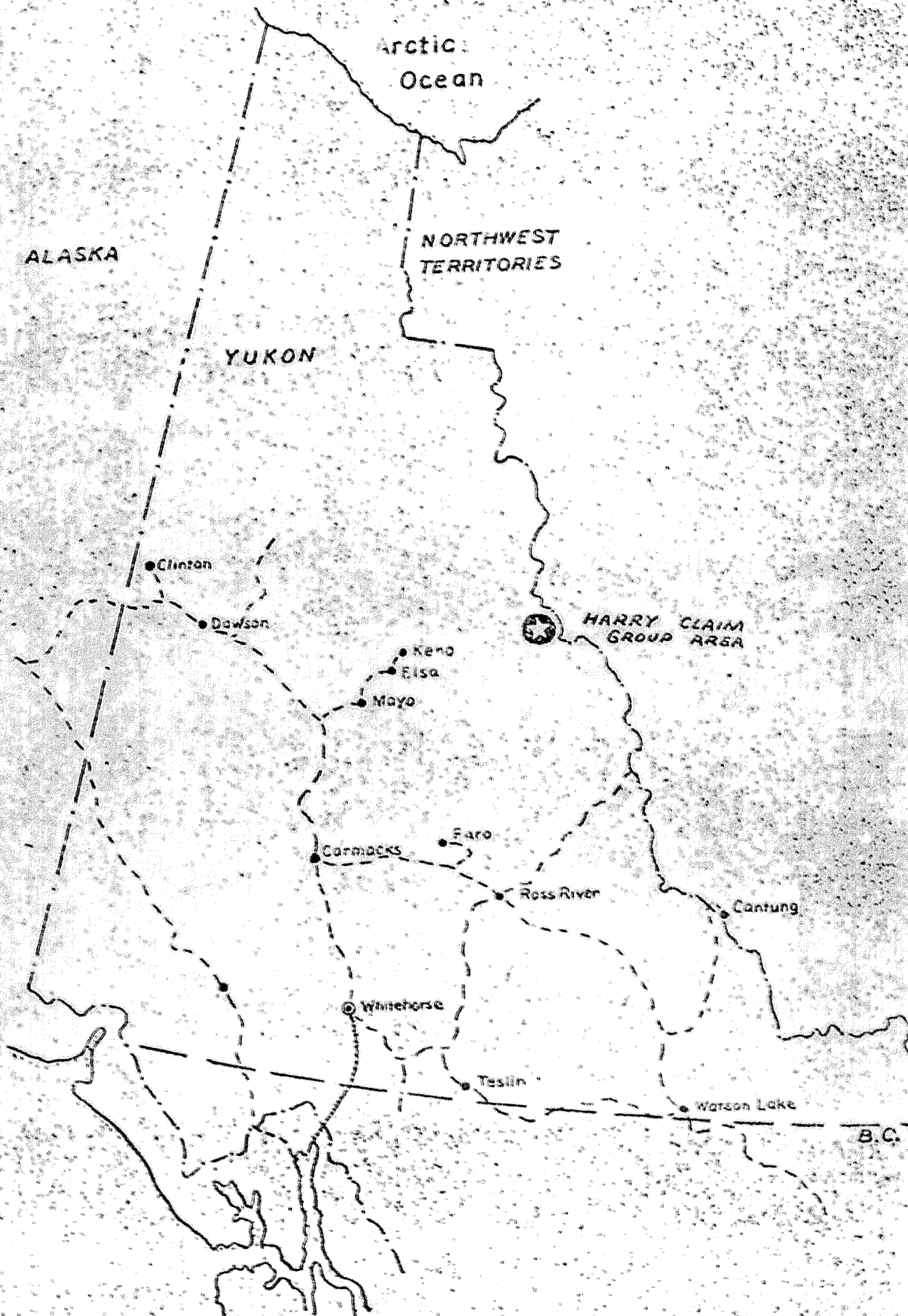
Cantung

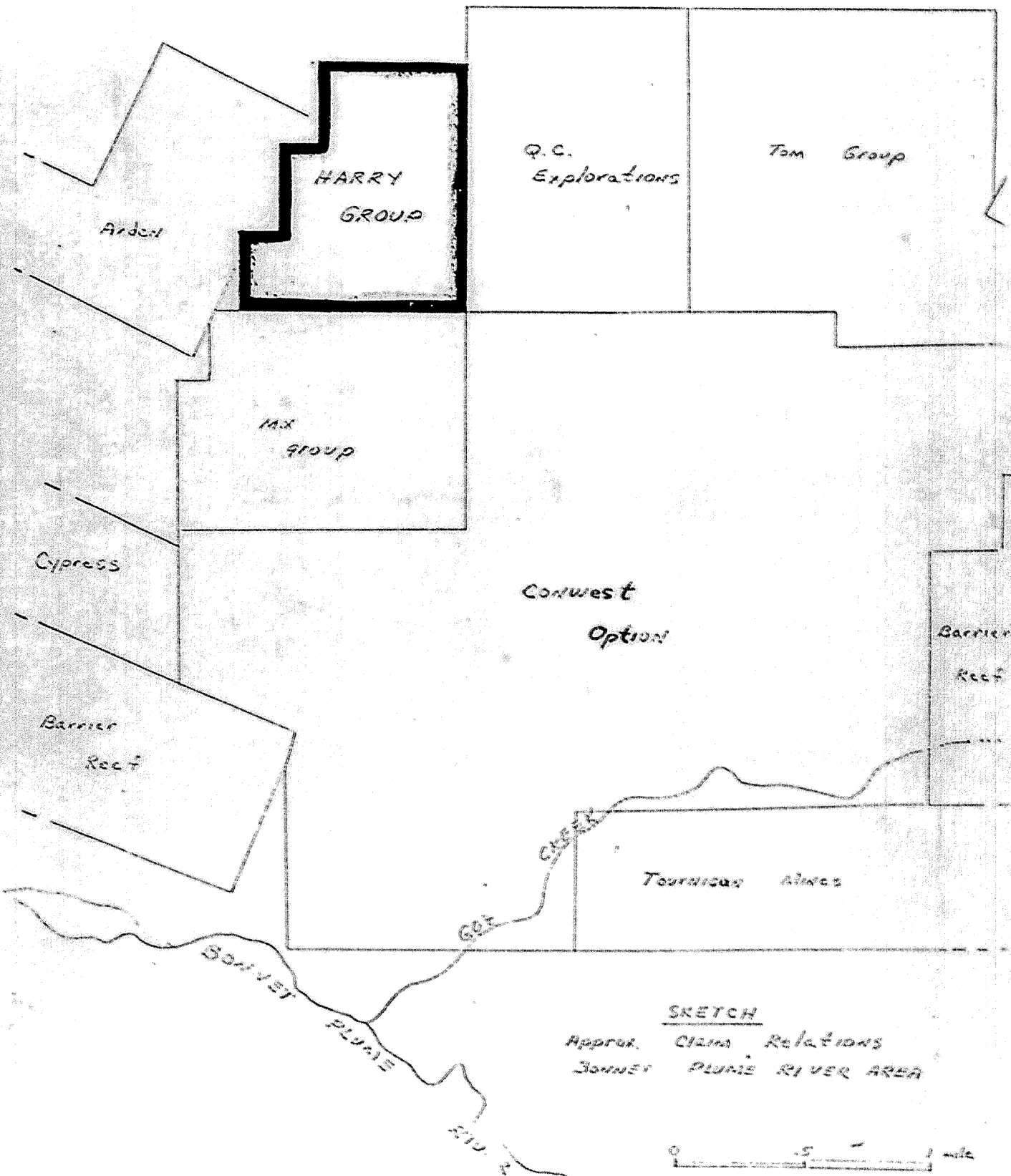
Whitehorse

Teslin

Watson Lake

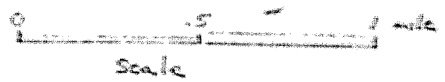
B.C.





SKETCH

Approx. CLAIM RELATIONS
SOMMET PLUME RIVER AREA



Introduction

A program consisting of geologic mapping, prospecting and geochemical sampling was performed on the Harry group during the periods June 11 - 13 and Aug. 1 - 7. This work was supervised by the Author.

List of Claims

Claim Names:	Harry 1 - 24
Grant No.'s:	Y85010 - Y85033
Expiry Date:	Sept. 4, 1974
NTS Sheet:	106-C-7

Location and Access

The Harry claims are located west of Harrison Creek in the Mayo Mining District of the Yukon Territory at approximately 64° 28' N and 132° 43' W on NTS map 106-C/7.

Access to the property can be made by fixed wing aircraft from Mayo, Y.T. to Goz Lakes, a distance of 123 air miles. From there it is approximately 20 miles to the property by helicopter.

The Harry Claim group consists of 24 contiguous mineral claims and is bounded on the East by the Dick group and on the south by the MX group.

Topography

Elevations on the group vary from 3500 feet to 4500 feet above sea level. Topography is moderately rugged on the East part in semi-marsh along Harrison Creek. Coniferous trees grow along Harrison Creek, with the ridges to the east having a moss and sparse brush cover.

Geology

The group is entirely underlain by brown and black shales and siltstones of the Sheepbed Formation. Some thinly interbedded brown quartzites or quartz sandstones along with minor pebble conglomerate beds to 6" in thickness are also present. General attitude of the unit is approximately N 50 E dipping 25° - 45° to the south although some local warping is evident.

The unit contains only minor carbonates, notably as calcite stringers. No mineralization other than limonite and decomposed pyrrhotite was located.

Geochemistry

30 soil and silt samples were collected from the Harry Claim group. Where possible these were taken at a depth of 12 inches. The samples were placed in kraft bags and air dried in camp.

Method of Analysis

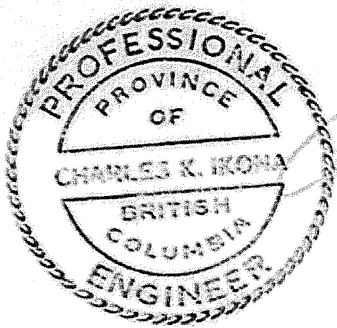
The samples were delivered to Chemex Labs Ltd, 212 Brooksbank Ave., North Vancouver, B.C. for lead and zinc determination. A hot acids digestion method was employed and analysis made on an atomic absorption unit.

Discussion of Results

The Geochemical Results are in general considered to reflect background values for the area, increasing to a minor extent as the marshy area along Harrison Creek is entered. An exception to this may be the two results reported along the Northwestern boundary of the group. Here the values of 68 ppm Pb, 392 ppm Zinc and 28 ppm Pb, 375 ppm Zinc are substantially above the results for the rest of the Harry group. However, even these are not particularly high for the general area and as the geology to the East of these results along Harrison Creek reflects no major change in the underlying unit the possibility of a mineral occurrence on the Harry group is remote in the extreme.

Consequently no further expenditure is recommended on Harry group at this time.

Respectfully submitted,



Charles K. Ikona, P. Eng.



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
 NORTH VANCOUVER, B.C.
 CANADA V7J 2C1
 TELEPHONE: 985-0648
 AREA CODE: 604

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Harman Explorations
 821 602 W. Hastings,
 Vancouver, B. C.

CERTIFICATE NO. 27985
 INVOICE NO. 12149
 RECEIVED Aug. 12/74
 ANALYSED Aug. 15/74

ATTN:

SAMPLE NO. :	PPM Lead	PPM Zinc	
Dick A 24	52	360	
25	54	317	
26	60	285	
27	77	733	
28	62	375	
Dick A 29	212	80	
Dick 1 B	58	420	
2	58	344	
3	64	140	
4	50	285	
5	54	344	
6	32	95	
7	30	95	
8	56	135	
9	32	95	
10	38	89	
11	30	92	
12	44	108	
Dick 13 B	40	98	
Dick 1 D	52	406	
D 1	50	140	
2	60	62	
3	40	92	
4	74	89	
5	100	152	
6	129	148	
7	18	92	Rock
8	26	120	Rock
Dick D 9	32	120	
Harry 1-B	36	22	
2	28	22	
3	18	65	
4	18	55	
5	16	62	
6	16	34	
7	70	47	
Harry 8 B	68	392	
Harry 5C	28	375	
6.	24	89	
Harry 7C	26	105	
Std.	58	50	



MEMBER
 CANADIAN TESTING
 ASSOCIATION

CERTIFIED BY: *H. H. H.*



LEGEND

- Dissected formation
thinly bedded brown blk shales
& silt stones
Thinner interbedded qtz ss
& pebbly conglomerates
- Lower cambrian dolomites

GEOLOGY AND GEOCHEM		
HARRY GROUP		
63° 28' N	132° 45' W	
BURNET PLUME RIVER AREA Y.T		
LAN CI	Scale 1" = 1000'	Aug 1978
HARMAN Mgmt Ltd.		

132° 43' W