

MAP No.

105-I-5, 6, 11, 12

ASSESSMENT REPORT

N. M. E. A. P.

CONFIDENTIAL

OPEN FILE

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TYPE OF

WORK: Geol.

REPORT FILED UNDER	Dasson Copper Corp. Ltd.	DOCUMENT NO. 061150
DATE PERFORMED	1972	DATE FILED: July 25, 1973
LOCATION - LAT.	62°30' to 62°45'N	AREA: Summit Lake, Yukon
LONG.	129°00' to 129°59'W	
CLAIM NO.	NAH Gps.)	
	HYL Gp.) see report	
	LAD Gp.)	
VALUE \$		
WORK DONE BY	N.R. Schindler	
WORK DONE FOR	Dasson Copper Corp. L.	
REMARKS	Favourable sedimentary formations containing lead-zinc mineralization are thought to underlie the claim groups.	

Indexed 06/11/50

DASSON COPPER CORPORATION LTD
(No Personal Liability)

*PA
R1881-213*

R E P O R T

on

SUMMIT LAKE AREA PROPERTY

105-I-5,6,11,12

MARCH 21, 1973.

N.R. Schindler, Ph.D., P.Eng.

*Received
T. W. Coombe
July 25/73*

REPORT

on

SUMMIT LAKE AREA PROPERTY

Yukon Territory & Northwest Territories

INTRODUCTION

In November 1972, Placer Development Ltd. reported that a lead-zinc discovery had been made in the Summit Lake area of the Yukon Territory. Placer staked a twenty-three mile long block of claims along the favourable sedimentary formation. In addition to the Placer staking, many other mining interests acquired claims within the general area. Dasson Copper Corporation Ltd. has an option to acquire four blocks of claims in the area.

It is anticipated that the Summit Lake area will be subjected to intensive exploration during the 1973 field season by the numerous companies which have lately acquired blocks of mining claims there.

DESCRIPTION of PROPERTIES

The property consists of 150 mineral claims comprising approximately 7,650 acres divided into four separate claim groups. The ownership of the claims has not been verified nor has the option agreement been examined. A description of the claims is given herewith:

<u>Block</u>	<u>No of Claims</u>	<u>No. of Acres</u>	<u>Date Staked</u>
NAH-I	38	1938	December 1972
NAH-II	48	2448	December 1972
HYL	32	1632	December 1972
LAD	32	1632	November 1972
	<u>150</u>	<u>7650</u>	

BLOCK NAH-I

<u>Name of Claim</u>	<u>Claim No.</u>	<u>Name of Claim</u>	<u>Claim No.</u>
NAH-1	Y 71595	NAH 22	Y 71616
NAH 2	Y 71596	NAH 51	Y 71645
NAH 3	Y 71597	NAH 52	Y 71646
NAH 4	Y 71598	NAH 53	Y 71647
NAH 5	Y 71599	NAH 54	Y 71648
NAH 6	Y 71600	NAH 55	Y 71649
NAH 7	Y 71601	NAH 56	Y 71650
NAH 8	Y 71602	NAH 85	Y 71679
NAH 9	Y 71603	NAH 86	Y 71680
NAH 10	Y 71604	NAH 87	Y 71681
NAH 11	Y 71605	NAH 88	Y 71682
NAH 12	Y 71606	NAH 89	Y 71683
NAH 13	Y 71607	NAH 90	Y 71684
NAH 14	Y 71608	NAH 119	Y 71713
NAH 17	Y 71611	NAH 120	Y 71714
NAH 18	Y 71612	NAH 121	Y 71715
NAH 19	Y 71613	NAH 122	Y 71716
NAH 20	Y 71614	NAH 123	Y 71717
NAH 21	Y 71615	NAH 124	Y 71718

BLOCK NAH-II

NAH 39	Y 71633	NAH 107	Y 71701
NAH 40	Y 71634	NAH 108	Y 71702
NAH 41	Y 71635	NAH 109	Y 71703
NAH 42	Y 71636	NAH 110	Y 71704
NAH 43	Y 71637	NAH 111	Y 71705
NAH 44	Y 71638	NAH 112	Y 71706
NAH 45	Y 71639	NAH 113	Y 71707
NAH 46	Y 71640	NAH 114	Y 71708
NAH 47	Y 71641	NAH 115	Y 71709
NAH 48	Y 71642	NAH 116	Y 71710
NAH 49	Y 71643	NAH 117	Y 71711
NAH 50	Y 71644	NAH 118	Y 71712
NAH 73	Y 71667	NAH 141	Y 71735
NAH 74	Y 71668	NAH 142	Y 71736
NAH 75	Y 71669	NAH 143	Y 71737
NAH 76	Y 71670	NAH 144	Y 71738
NAH 77	Y 71671	NAH 145	Y 71739
NAH 78	Y 71672	NAH 146	Y 71740
NAH 79	Y 71673	NAH 147	Y 71741
NAH 80	Y 71674	NAH 148	Y 71742
NAH 81	Y 71675	NAH 149	Y 71743
NAH 82	Y 71676	NAH 150	Y 71744
NAH 83	Y 71677	NAH 151	Y 71745
NAH 84	Y 71678	NAH 152	Y 71746

BLOCK HYL

HYL 31	A 65041	HYL 50	A 65060
HYL 32	A 65042	HYL 54	A 65064
HYL 33	A 65043	HYL 55	A 65065
HYL 34	A 65044	HYL 56	A 65066
HYL 35	A 65045	HYL 57	A 65067
HYL 36	A 65046	HYL 58	A 65068
HYL 37	A 65047	HYL 59	A 65069
HYL 38	A 65048	HYL 60	A 65070
HYL 42	A 65052	HYL 61	A 65071
HYL 43	A 65053	HYL 62	A 65072
HYL 44	A 65054	HYL 66	A 65076
HYL 45	A 65055	HYL 67	A 65077
HYL 46	A 65056	HYL 68	A 65078
HYL 47	A 65057	HYL 69	A 65079
HYL 48	A 65058	HYL 70	A 65080
HYL 49	A 65059	HYL 71	A 65081

BLOCK LAD

LAD 37	Y 71317	LAD 57	Y 71337
LAD 38	Y 71318	LAD 58	Y 71338
LAD 39	Y 71319	LAD 59	Y 71339
LAD 40	Y 71320	LAD 60	Y 71340
LAD 41	Y 71321	LAD 61	Y 71341
LAD 42	Y 71322	LAD 62	Y 71342
LAD 43	Y 71323	LAD 63	Y 71343
LAD 44	Y 71324	LAD 64	Y 71344
LAD 45	Y 71325	LAD 65	Y 71345
LAD 46	Y 71326	LAD 66	Y 71346
LAD 47	Y 71327	LAD 67	Y 71347
LAD 48	Y 71328	LAD 68	Y 71348
LAD 49	Y 71329	LAD 69	Y 71349
LAD 50	Y 71330	LAD 70	Y 71350
LAD 55	Y 71335	LAD 71	Y 71351
LAD 56	Y 71336	LAD 72	Y 71352

LOCATION and ACCESSIBILITY

Blocks NAH-1 and NAH-11 are located at the north-east headwaters of Pelly River, Summit Lake area, Watson Lake mining district, Yukon Territory. Block HYL is located at the headwaters of the Little Hyland River, Nahanni mining district, Northwest Territories and adjacent to the east boundary of the Summit Lake holdings of Placer Development Ltd. Block LAD is located at the headwaters of the Prevost River, Summit Lake area.

The town of Watson Lake which is on the Alaska highway lies about 170 miles to the south of Summit Lake area. The operating mines of Canada Tungsten Ltd. are located about 40 miles southeast of Summit Lake and are connected by gravel road to the Alaska highway.

HISTORY

In the past many parts of the Yukon with mountainous terrain have been neglected due to difficult accessibility. The extensive use of light planes and helicopters at the present time has assisted the prospector in getting into new areas. Such seems to have been the case at Summit Lake in 1972, where Placer Development Limited carried out a program of exploration which included prospecting and geochemical soil sampling. This work resulted in the discovery of substantial lead-zinc mineralization over an extensive area. The discovery was covered along strike by the staking of many claims by Placer Development Limited. Other companies have since covered a large additional area. There is no known history relating to the four groups of claims covered by this report.

GEOLOGY

The geology of the Summit Lake area is included in the Map No. 8-1967 recently published by the Geological Survey of Canada (G.S.C.) on a scale of one inch to four miles. From the brief descriptive notes which accompany this map, the following generalized geological conditions are evidently present in the Summit Lake area.

Extensive glaciation of the area has resulted in unconsolidated glacial and alluvial deposits of sand and boulders in the lower elevations of the valleys. Some of the major valleys in the area have widths of two or three miles covered with such deposits.

The rock formations are well exposed on most of the mountain ridges. According to the generalized geology on Map No. 8 - 1967, the predominant rocks underlying the Summit Lake area include various types of Palaeozoic sediments considered to be of Devonian and Cambrian age. The rocks include shales, argillites, sandstones, cherts and limestones. These formations have undergone extensive folding and faulting.

MINERALIZATION

The favourable sedimentary formations which are widespread in the Yukon adjoining the Northwest Territories have been host to numerous lead-zinc deposits. Two such deposits are currently in production at United Keno Hill and Anvil Mines.

Information available on the mineralization in the Summit Lake area is contained in a press release by Placer Development Ltd., dated November 20, 1972.

"VANCOUVER - Following a regional reconnaissance program in the Yukon and Northwest Territories, Placer Development Limited has staked some 450 mineral claims on a lead-zinc discovery on the Yukon-Northwest Territories boundary, approximately 170 miles north of Watson Lake.

"Interesting mineralization has been found over a strike length of three miles in broadly folded Palaeozoic slates. A limited amount of hand trenching and bulldozer work has exposed widths of significant mineralization up to 150 feet containing bands ranging from 10% to 30% combined lead-zinc separated by lower grade values. Individual five foot samples assay as high as 40% to 50% combined lead-zinc.

"The initial discovery was made in July but due to a lack of outcrop and the shortness of the season, as well as weathering effects on the near surface mineralization, evaluation is in a very preliminary stage. No further work is planned until Spring of 1973."

On the four claim groups covered by this report there is no report of any previous work or prospecting having been carried out, therefore information on mineralization which may exist is not available.

CONCLUSIONS

The discovery of widespread lead-zinc mineralization in the Summit Lake area has resulted in a major staking rush to acquire favourably located properties. Placer Development Limited are presently transporting supplies and equipment along newly constructed winter roads to the area in order to be prepared for extensive development of the mineral discoveries during the coming season.

The full extent and the control of the mineralization now indicated at the Summit Lake area is not yet fully known. It is therefore premature to attempt to assess the merits of the four claim groups available to Dasson Copper Corporation. However the location of the four groups in proximity to the known area of lead-zinc mineralization and the presence of similar sedimentary formations warrants a prospecting program during the field season of 1973.

RECOMMENDATIONS

A preliminary program of exploration is recommended on the four groups of claims with the intention of selecting those blocks which show the greatest potential for additional work. This preliminary program should include:

- 1) Geological studies to locate the favourable horizon of rock formation, then subject this horizon to -

2) Careful prospecting for mineralization and gossans
and

3) Geochemical silt and soil sampling

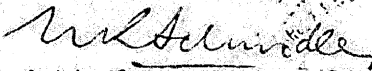
The results of this initial exploration program should provide a guide in making decisions on future work programs.

ESTIMATED COSTS

It is estimated that the costs for the proposed exploration program would be:

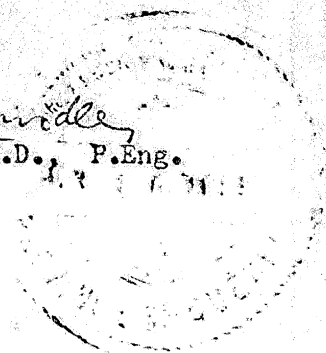
Geological investigations	\$8,000.
Prospecting	10,000
Geochemical sampling	<u>22,000</u>
Total	\$40,000.

Respectfully submitted


N. R. Schindler, Ph.D., P.Eng.

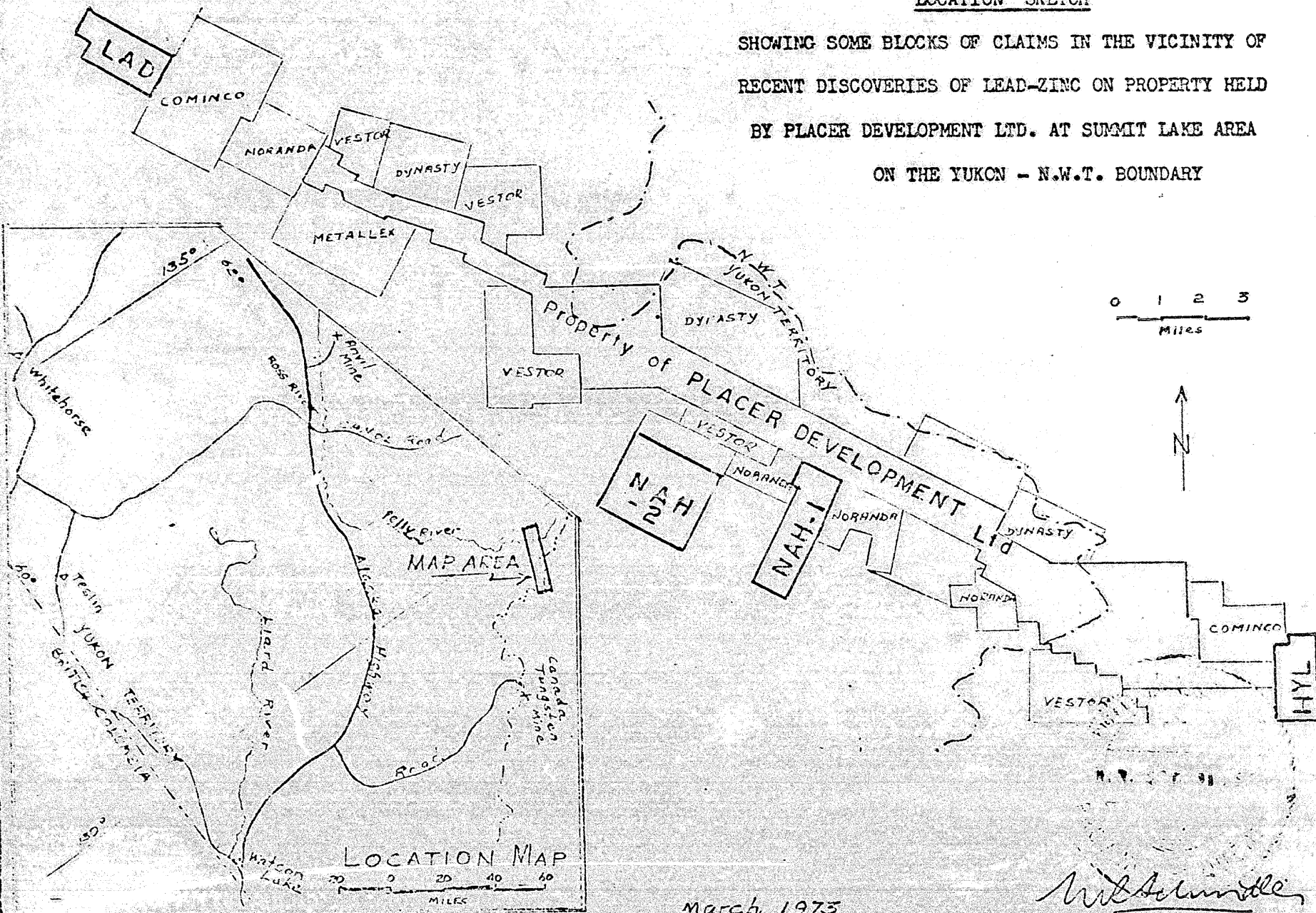
Montreal, P.Q.

March 21, 1973



LOCATION SKETCH

SHOWING SOME BLOCKS OF CLAIMS IN THE VICINITY OF
RECENT DISCOVERIES OF LEAD-ZINC ON PROPERTY HELD
BY PLACER DEVELOPMENT LTD. AT SUMMIT LAKE AREA
ON THE YUKON - N.W.T. BOUNDARY



ate of location as
own on "A" farm.

NAH 26/11/72

H 1-6/12/72

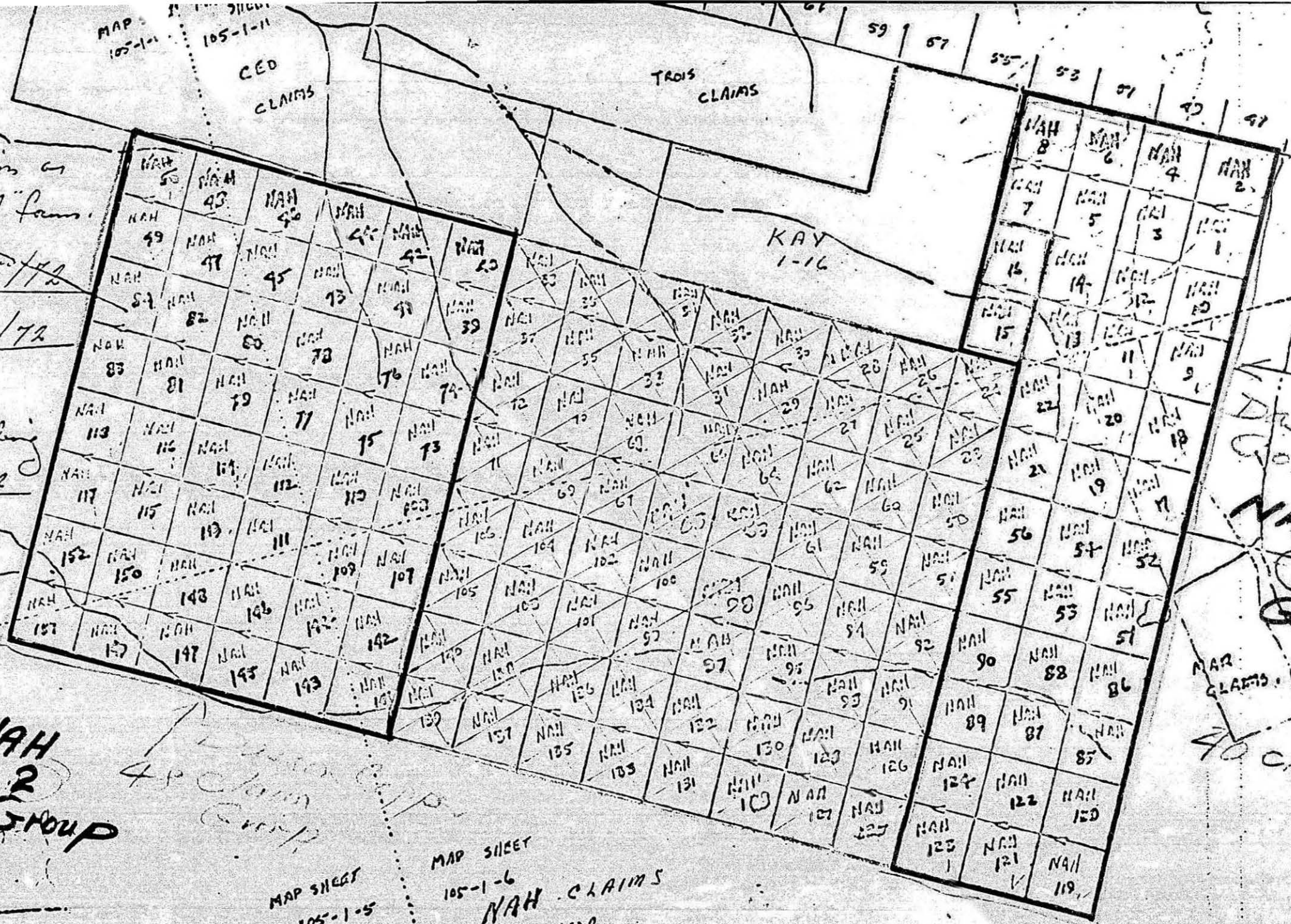
ate of recording
NAH 20/12/72

NAH 18/12/72

NAH
1-6
Group

MAP SHEET
105-1-5

MAP SHEET
105-1-6
NAH CLAIMS
1-152



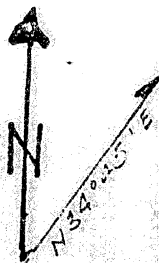
DRAGON
WOMEN
NAH
Group

NAH CLAIMS

20/12/72

2.9 miles =
to Long. 130°00'

NAT
Group



Dassen Copper

LAD
Group

BEV
Group

Sketch of Claims

- LAD Group -

PREVOST RIVER

Scale $\frac{1}{2}$ inch = 1 mile

Ref. No: Sheet 105-I-12
Yukon Terr. form

					65060 HYL 50		65061 HYL 62			
					65048 HYL 38		65059 HYL 49		65071 HYL 61	
					65047 HYL 37		65058 HYL 48		65070 HYL 60	
					65046 HYL 36		65057 HYL 47		65069 HYL 59	
					65045 HYL 35		65056 HYL 46		65068 HYL 58	
					65044 HYL 34		65055 HYL 45		65067 HYL 57	
					65043 HYL 33		65054 HYL 44		65066 HYL 56	
					65042 HYL 32		65053 HYL 43		65065 HYL 55	
					65041 HYL 31		65052 HYL 42		65064 HYL 54	
					65040 HYL 30		65051 HYL 41		65063 HYL 53	
					65039 HYL 29		65050 HYL 40		65062 HYL 52	
					65038 HYL 28		65049 HYL 39		65061 HYL 51	
					65037 HYL 27		65048 HYL 38		65060 HYL 50	
					65036 HYL 26		65047 HYL 37		65059 HYL 49	
					65035 HYL 25		65046 HYL 36		65058 HYL 48	
					65034 HYL 24		65045 HYL 35		65057 HYL 47	
					65033 HYL 23		65044 HYL 34		65056 HYL 46	
					65032 HYL 22		65043 HYL 33		65055 HYL 45	
					65031 HYL 21		65042 HYL 32		65054 HYL 44	
					65030 HYL 20		65041 HYL 31		65053 HYL 43	
					65029 HYL 19		65040 HYL 30		65052 HYL 42	
					65028 HYL 18		65039 HYL 29		65051 HYL 41	
					65027 HYL 17		65038 HYL 28		65050 HYL 40	
					65026 HYL 16		65037 HYL 27		65049 HYL 39	
					65025 HYL 15		65036 HYL 26		65048 HYL 38	
					65024 HYL 14		65035 HYL 25		65047 HYL 37	
					65023 HYL 13		65034 HYL 24		65046 HYL 36	
					65022 HYL 12		65033 HYL 23		65045 HYL 35	
					65021 HYL 11		65032 HYL 22		65044 HYL 34	
					65020 HYL 10		65031 HYL 21		65043 HYL 33	
					65019 HYL 9		65030 HYL 20		65042 HYL 32	
					65018 HYL 8		65029 HYL 19		65041 HYL 31	
					65017 HYL 7		65028 HYL 18		65040 HYL 30	
					65016 HYL 6		65027 HYL 17		65039 HYL 29	
					65015 HYL 5		65026 HYL 16		65038 HYL 28	
					65014 HYL 4		65025 HYL 15		65037 HYL 27	
					65013 HYL 3		65024 HYL 14		65036 HYL 26	
					65012 HYL 2		65023 HYL 13		65035 HYL 25	
					65011 HYL 1		65022 HYL 12		65034 HYL 24	
					65010 HYL 0		65021 HYL 11		65033 HYL 23	

32c/9/11/15

Bassett
Copper

HYL
Glam
Group

NEW T.

16

105 I / 6

1. AM 5:00 PM

105 I / 6

HYL CLAIM GROUP

DEC. /72

67th