GEOCHEMICAL REPORT

1974 FIELD WORK

GULL CLAIM GROUP

Watson Lake Mining District

Yukon Territory

N.T.S. 105-I-11

Longitude : 129°27' W

Latitude : 62°34' N

Field work carried out in
the period July - September
1974

By:

T. J. Adamson

DYNASTY EXPLORATIONS LIMITED

October, 1974

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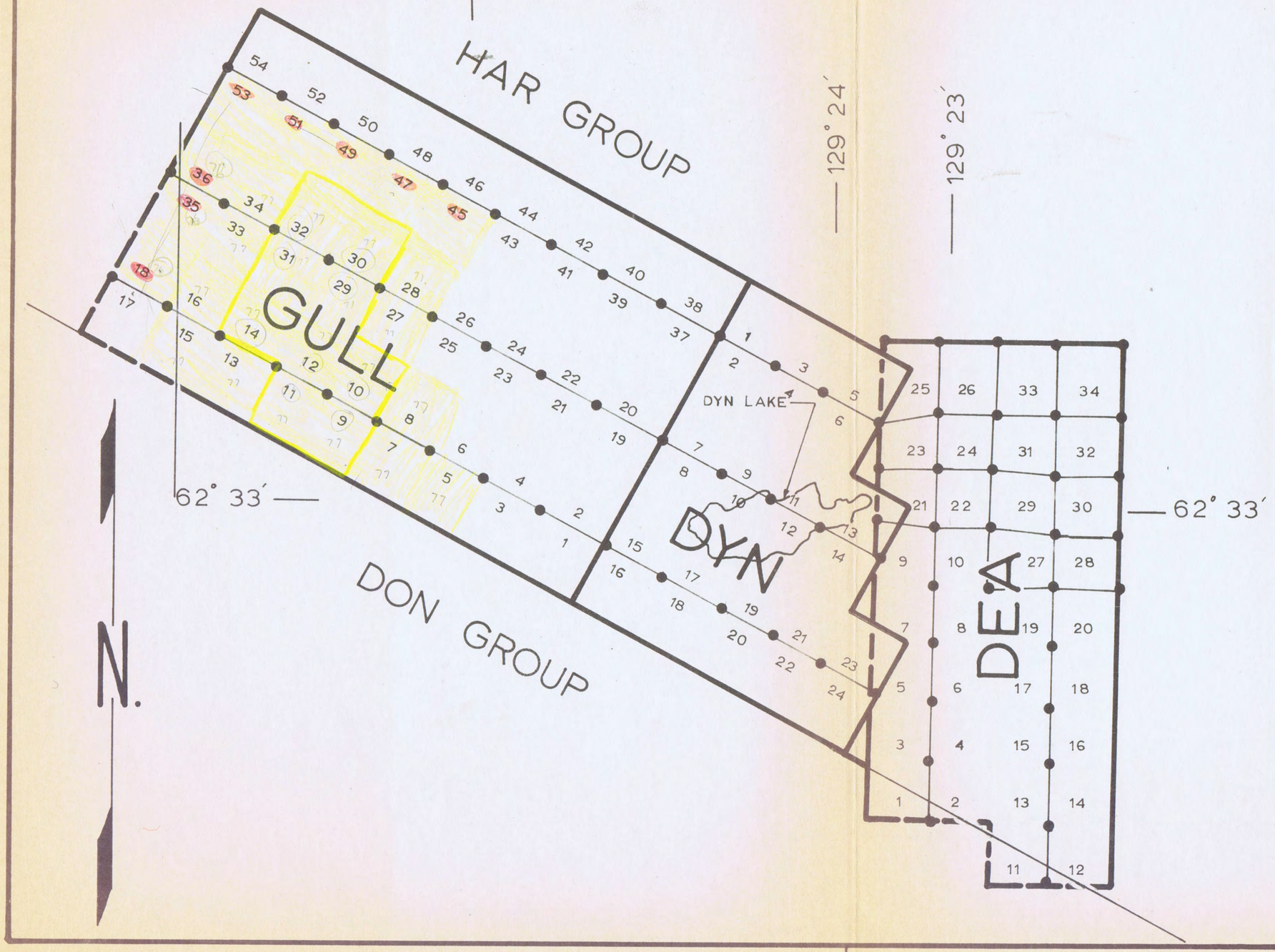
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1"= 200'
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LIST OF CLAIMS

Claim	Claim Number	Grant Number	Recording Date
GULL	1-16	Y70509-Y70524	November 20,1972
	18-54	Y70526-Y70562	November 20,1972

FIGURE : 1



DYNASTY EXPLORATIONS

GULL DYN DEA GROUPS

N.T.S.: 105 I-11

Scale: 1 in. = 1/2 mi.

0 1/2 1 mi.

LEGEND

- claim outline
- claim post
- claim line, name

SELWYN PROJECT

TELEPHONE 685-4331

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

GEOCHEMICAL REPORT
1974 FIELD WORK
GULL CLAIM GROUP

INTRODUCTION

The Gull mineral claims were staked during the winter of 1972-73 in response to the Canex-Placer lead-zinc discovery in the Howard's Pass area along the Northwest Territories-Yukon border.

During the 1973 field season, reconnaissance geochemical samples were collected over the entire claim group and the geology of the property was mapped on a scale of 1" to ¼ mile. A detailed grid was established in the area of the most favourable reconnaissance geochemical results. Approximately 290 soil samples were collected on this grid at a sample spacing of 100 ft. and a line spacing of 200 ft.

The geochemical results from the 1973 grid sampling showed a strong lead anomaly in the northwest corner of the grid area (open to the north and west) and also a strong lead anomaly in the southwest corner of the grid (open to the south and west). A lower magnitude, more diffuse, zinc anomaly was somewhat coincident with the lead anomaly. (For a full report on 1973 field work see "Geological and Geochemical Report - Gull Claims Group, Dynasty Explorations Limited, by J. D. Curry, October, 1973").

During the 1974 field season, the detail grid was extended to the north, south and west and soil sampling was carried out on these new lines. The area in the vicinity of the geochemical anomaly was carefully prospected.

LOCATION AND ACCESS

The Gull Group is located approximately 108 miles east-northeast of Ross River, Y.T., on N.T.S. Map Sheet 105-I-11. The property is in Yukon Territory, but is adjacent to the Northwest Territories boundary. The property is at an elevation of about 4700 ft. and lies mainly below treeline.

Access to the property during the 1974 field season was by helicopter from the Pas Group and from the airstrip at Howard's Pass, both about 10 miles to the southeast. Dyn Lake, immediately east of the property, has been used by ski-equipped aircraft in winter and is also marginally suitable for high performance float-equipped aircraft.

A winter road from Tungsten, Northwest Territories, to within 12 miles of the property was used by Canex-Placer Ltd. during the winter of 1972-73 and 1973-74 to mobilize equipment onto their Howard's Pass area claim groups.

LINECUTTING

A total of 49,300 ft. (9.3 miles) of new grid lines was established on the Gull claims. The detail grid base line was extended form 34S to 42S and from 0N to 12N. New cross lines were run from 0 to 18W and the old lines were extended from 7W to 18W. The new north lines were also run from 0 to about 18E. Stations were established at 100 ft. intervals on all lines.

GEOCHEMISTRY

A total of 430 soil samples were collected on the detail grid extension during the 1974 field season. These samples were analyzed for copper, lead and zinc at the Acme Analytical Laboratories Ltd. lab at Ross River, Y.T., (head office at 6455 Laurel Street, Burnaby 2, B.C.).

Samples were dried and then screened. The minus 80 mesh fraction was retained for analysis. Sample digestion was in hot aqua regia and analysis was by an atomic absorption procedure.

Sample results, for copper, lead and zinc, are reported in parts per million and are plotted on Figure 2.

Cumulative frequency tabulations were made for each of copper, lead and zinc, using all of the detail grid results (1973 and 1974). Lognormal probability plots based on these tabulations are shown in Appendix IV. The geochemical results are interpreted on the basis of these probability plots.

The probability plot for copper shows all results falling, very closely, on a straight line, suggesting that all samples form only one population with no anomalous results. The magnitude of the highest copper values is only in the order of about 100 ppm.

The lognormal probability plot of the lead soils values suggests two overlapping populations (background, anomalous) forming, as shown on the graph, a third "mixed" population. The value at the "break" on the graph between the background and mixed population is taken as the threshold of possible anomalous values (60 ppm). Any results above the next "break", at 125 ppm, are definitely anomalous.

The probability plot of the zinc values is similar to that for lead, showing background, mixed and anomalous populations. The threshold of possibly anomalous values is taken as 1100 ppm and any results above 2000 ppm are definitely anomalous.

The "threshold" is at the 72% cumulative frequency level for lead and 97% cumulative frequency level for zinc.

A well-defined, linear, lead soil anomaly, trending about N20E, is outlined in the southern half of the grid area. This anomalous area has a strike length of about 3000 ft. and an average well within the 60 ppm contour of about 800 ft. and within the 125 ppm contour of 300-600 ft. The peak value in this zone is 1150 ppm. The anomaly is strong and open to the south, trending off of the Gull claims.

There is a short gap, between 12S and 14S, between the above anomaly and another more irregular lead anomaly in the northern half of the grid area. This gap coincides topographically with a small creek and an area of probably deeper overburden cover. This northern anomalous zone, although irregular, also trends about N20E., has a strike length of 2000 ft. and a width varying between 600 ft. and 200 ft. Both anomalies probably reflect a single continuous bedrock source.

GEOLOGY

The Gull Group is underlain by a sequence of Lower Paleozoic sediments. "Wavy-bedded" limestone is the lowest member in the sequence in the Gull group area. This rock is probably overlain by a thinnly laminated, buff and black weathering "transitional" dolomite rock, which is, in turn, overlain by black shales which are host to the lead-zinc mineralization in the Howard's Pass area.

Outcrop is very scarce over much of the claim group, including the area of the lead anomalies on the detail grid. Only "wavy-bedded" limestone, in places shaly and phyllitic, was seen in outcrop and in rubble in the vicinity of the lead anomalies. These rock exposures are plotted on Figure 2. It can be seen that the soil anomalies trend close to at right angles to the attitude (bedding and cleavage foliation) of rocks exposed in this area.

CONCLUSIONS AND RECOMMENDATIONS

The lead anomalies, in soils, within the Gull Group grid area could be indicative of mineralization of economic significance.

From the limited amount of outcrop exposure in the grid area it appears that the anomalies cut across the general geological strike in this vicinity. The structure involved is not known. There are no topographic, drainage or vegetal expressions of the soil anomaly.

Hand trenching in this area is impractical because of overburden depth and extensive permafrost.

Diamond drilling is not recommended at this stage. Because of the width of the anomaly, and because of the only very limited geological data available from current surface work, only a large expensive drilling program could adequately evaluate the zone of interest. Also, one could expect relatively difficult drilling conditions. This would necessitate a large drill, drilling NQ size core. A bulldozer would be almost essential to support such a program.

As the next stage in exploration, it is recommended that bulldozer trenching be carried out. This program would be complicated by permafrost and swampy ground conditions. A bulldozer would have to be mobilized to Howard's Pass during the winter (because of Land Use restrictions) and thence to the Gull Group by early-mid June, while there is still some near-surface frost in the swampy valley between Howard's Pass and the claim group. Because of frozen ground, trenching would not be practical until about mid-July. The bulldozer could not be demobilized until the ground was frozen again in November or December. It would be necessary to keep a bulldozer under contract for at least about nine months in order to do one to two months of trenching in mid-summer.

Respectfully submitted,

T. J. Adamson,

October, 1974

LIST OF PERSONNEL

T. J. Adamson	Geologist - Party Chief	330-355 Burrard St., Vancouver, B.C.
George Benmore	Geochem sampler	4388 Hobson Rd., Kelowna, B.C.
Robert Downs	Geochem sampler	1231 Woodlands, Nanaimo, B.C.

SUMMARY OF COSTS
GULL CLAIMS

Schedule "A"

	Schedule Number	Total
Salaries & Wages	B	$1,093.37
Assays	C	749.25
Field Equipment & Supplies	D	1,903.67
Camp Maintenance	E	260.95
Rotary Wing	F	1,188.00
Fixed Wing	G	233.53
Miscellaneous Transportation	H	467.60
		$5,896.37
District Expense - 5%		294.81
		$6,191.18
Administration - 10%		619.12
TOTAL EXPENDITURE		$6,810.30

Note: Copies of invoices in excess of $100.00 have been included. Copies of invoices less than $100.00 will be provided upon request.

TELEPHONE 685-4331

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B.C.

AFFIDAVIT SUPPORTING SUMMARY OF COSTS

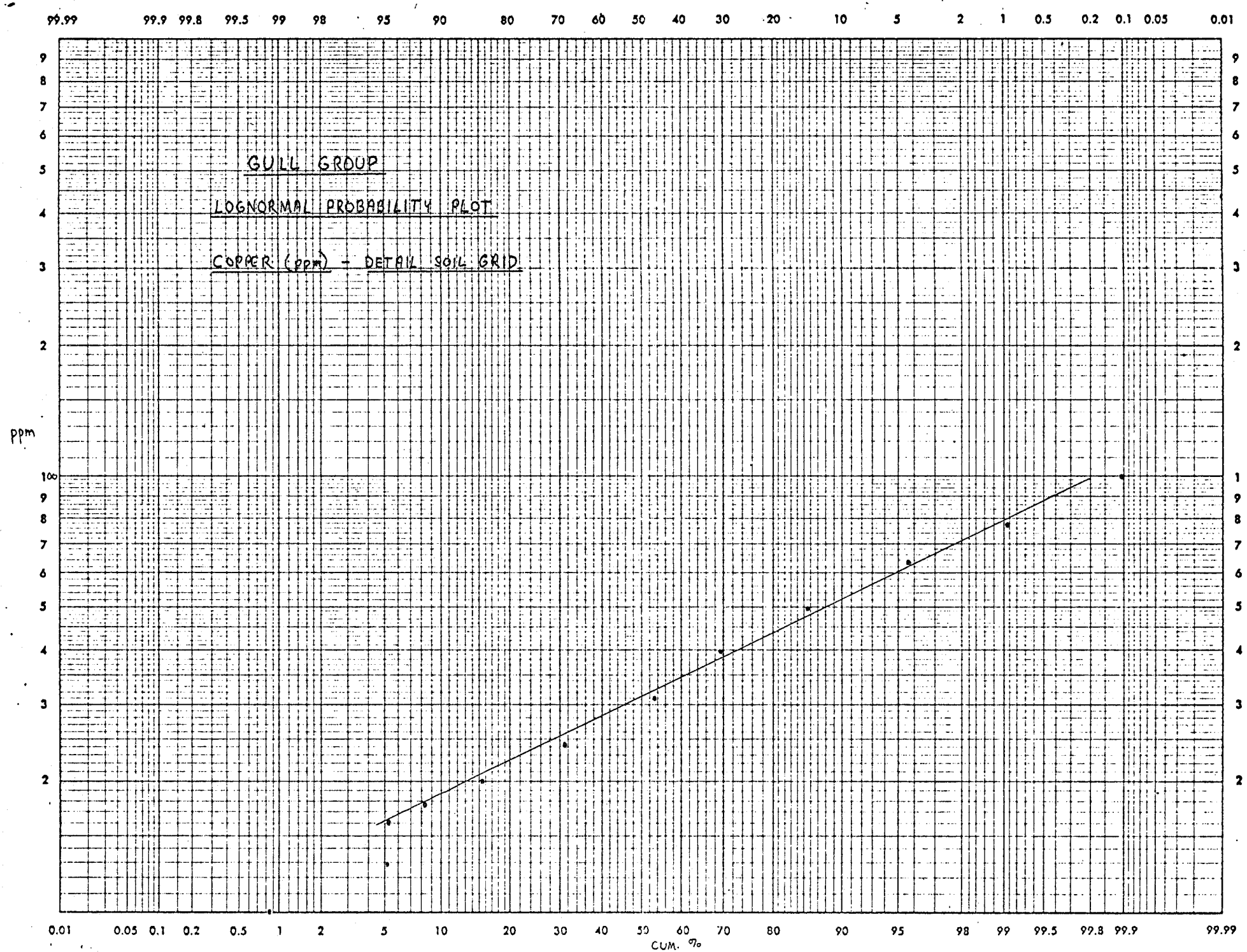
I, THOMAS J. ADAMSON, Geologist, Dynasty Explorations Limited, of Vancouver, British Columbia, do hereby state that, to the best of my knowledge and belief, the statement of costs presented in this report (Geochemical Report - 1974 Field Work - Gull Claim Group) is both correct and true.

_____
Thomas J. Adamson

_____
Date

_____
Notary Public in and for the
Province of British Columbia.

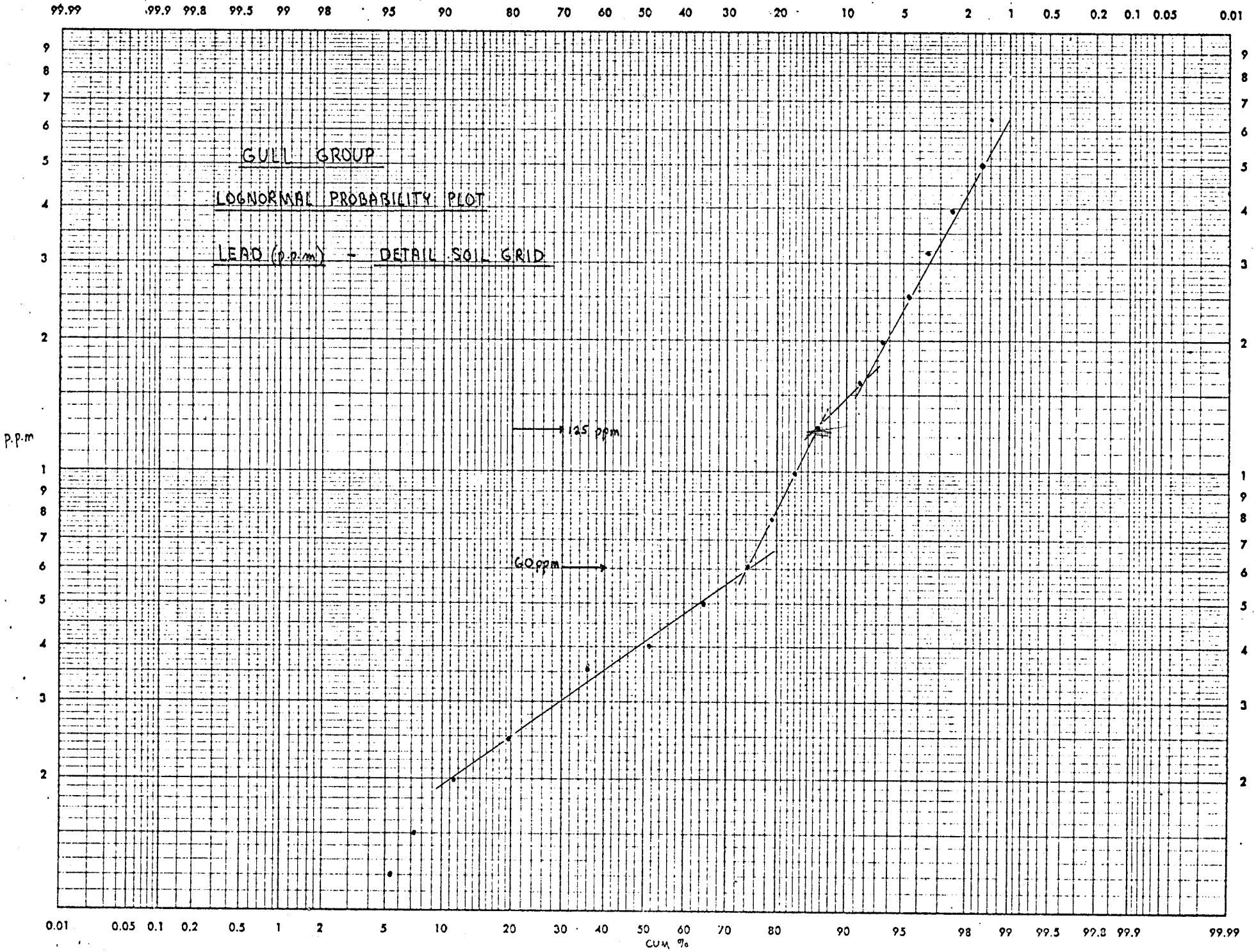
CLEARPRINT PAPER CO. C528 LOGARITHMIC PROBABILITY
PRINTED IN U.S.A. ON CLEARPRINT TECHNICAL PAPER NO. 1015



Appendix IV

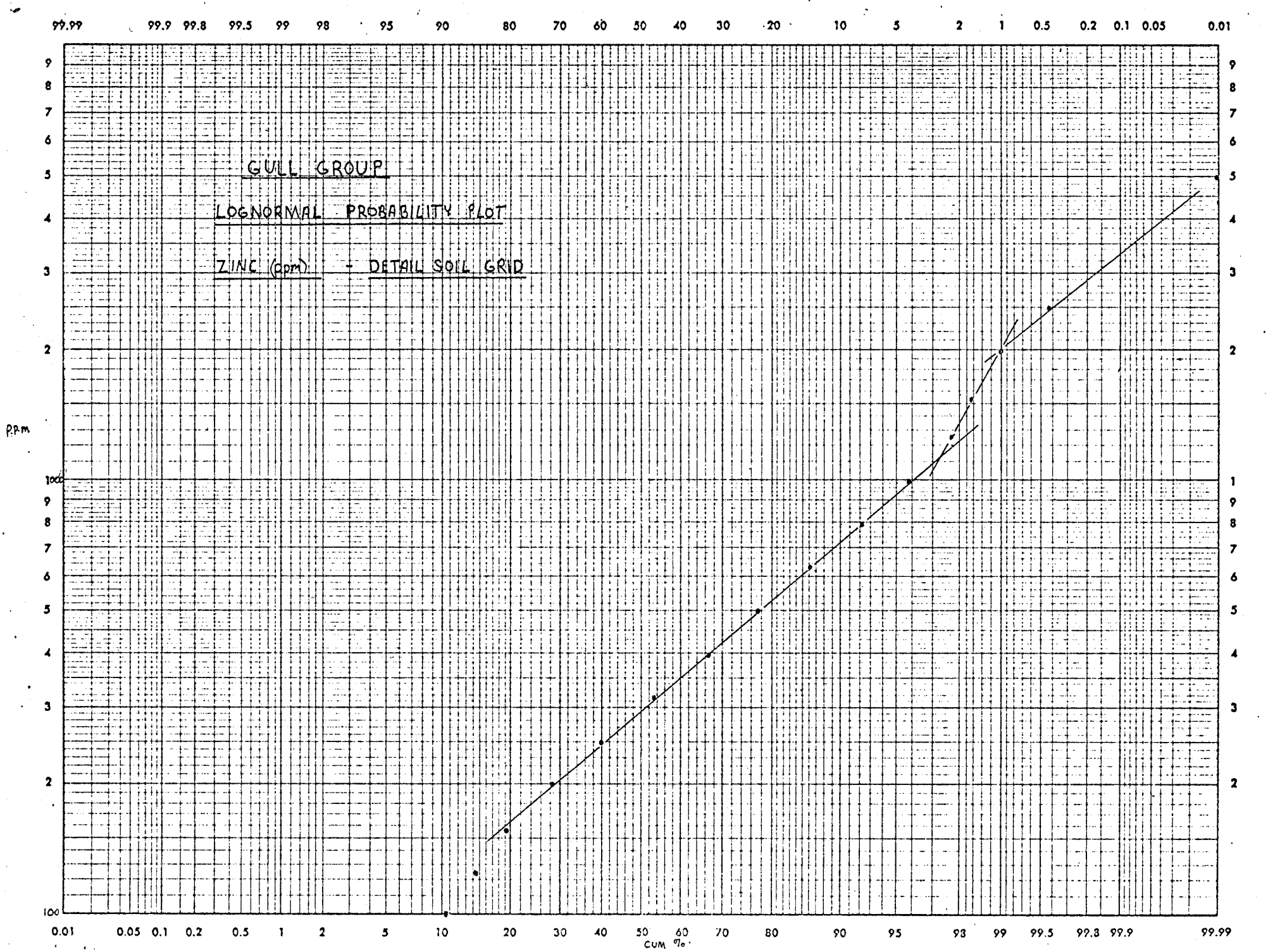
Arithmetic Interval	Logarithmic Interval	Tally - Histogram	Frequency	Percent	Accumulative Percent
≥ 15,850	≥ 4.2				
12,580	4.1				
10,000	4.0				
7,943	3.9				
6,310	3.8				
5,012	3.7				
3,981	3.6				
3.162	3.5				
2,512	3.4				
1,996	3.3				
1,585	3.2	GULL GP - DETAIL SOIL GRID - Cu			
1,258	3.1				
1,000	3.0				
794	2.9				
631	2.8				
501	2.7				
398	2.6				
316	2.5				
251	2.4				
200	2.3				
158	2.2		1	.13	100.00
126	2.1		0		
100	2.0		0		
79	1.9		6	.83	99.87
63	1.8		24	3.35	99.04
50	1.7		71	9.92	95.69
40	1.6		117	16.34	85.77
32	1.5		120	16.76	69.43
25	1.4		149	20.81	52.67
20	1.3		118	16.48	31.86
16	1.2		51	7.12	15.38
13	1.1		22	3.07	8.26
10	1.0		31	4.33	5.19
8	0.9		1	.13	.86
6	0.8		6	.83	.83
5	0.7				
4	0.6				
3	0.5				

CLEARPRINT PAPER CO. C928 LOGARITHMIC PROBABILITY
PRINTED IN U.S.A. ON CLEARPRINT TECHNICAL PAPER NO. 1015



Arithmetic Interval	Logarithmic Interval	Tally - Histogram	Frequency	Percent	Accumulative Percent
≥ 15,850	≥4.2				
12,580	4.1				
10,000	4.0				
7,943	3.9				
6,310	3.8	GULL GR. - DETAIL SOIL GRID - Pb			
5,012	3.7				
3,981	3.6				
3.162	3.5				
2,512	3.4				
1,996	3.3		1	.14	99.99
1,585	3.2		1	.14	99.85
1,258	3.1		1	.14	99.71
1,000	3.0		2	.28	99.57
794	2.9		2	.28	99.29
631	2.8		3	.42	99.01
501	2.7		1	.14	98.59
398	2.6		8	1.12	98.45
316	2.5		7	.98	97.33
251	2.4		8	1.12	96.35
200	2.3		13	1.82	95.23
158	2.2		15	2.10	93.41
126	2.1		35	4.91	91.31
100	2.0		26	3.65	86.40
79	1.9		28	3.93	82.75
63	1.8		33	4.63	78.82
50	1.7		68	9.54	74.19
40	1.6		94	13.19	64.65
32	1.5		108	15.15	51.47
25	1.4		117	16.41	36.32
20	1.3		59	8.13	19.91
16	1.2		34	4.77	11.78
13	1.1		9	1.26	7.01
10	1.0		29	4.07	5.75
8	0.9		4	.56	1.68
6	0.8		4	.56	1.12
5	0.7		1	.14	.56
4	0.6		3	.42	.42
3	0.5				

CLEARPRINT PAPER CO. C558 LOGARITHMIC PROBABILITY
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Arithmetic Interval	Logarithmic Interval	Tally - Histogram	Frequency	Percent	Accumulative Percent
≥ 15,850	≥4.2				
12,580	4.1				
10,000	4.0	GULL GP - DETAIL SOIL GRID - Zn			
7,943	3.9				
6,310	3.8				
5,012	3.7				
3,981	3.6		1	.13	100.3
3.162	3.5		0		
2,512	3.4		5	.69	100.2
1,996	3.3		4	.55	99.50
1,585	3.2		5	.69	98.99
1,258	3.1		11	1.51	98.30
1,000	3.0		6	.82	96.79
794	2.9		28	3.85	95.97
631	2.8		44	6.05	92.12
501	2.7		61	8.39	86.07
398	2.6		82	11.28	77.68
316	2.5		97	13.34	66.40
251	2.4		96	13.20	53.06
200	2.3		84	11.55	39.86
158	2.2		63	8.67	28.31
126	2.1		36	4.95	19.64
100	2.0		27	3.71	14.69
79	1.9		26	3.58	10.98
63	1.8		12	1.65	7.13
50	1.7		12	1.65	5.48
40	1.6		8	1.10	3.83
32	1.5		4	.55	2.73
25	1.4		4	.55	2.18
20	1.3		3	.41	1.63
16	1.2		1	.13	1.22
13	1.1		1	.13	1.09
10	1.0		5	.69	.96
8	0.9		1	.14	.27
6	0.8		1	.13	.13
5	0.7				
4	0.6				
3	0.5				

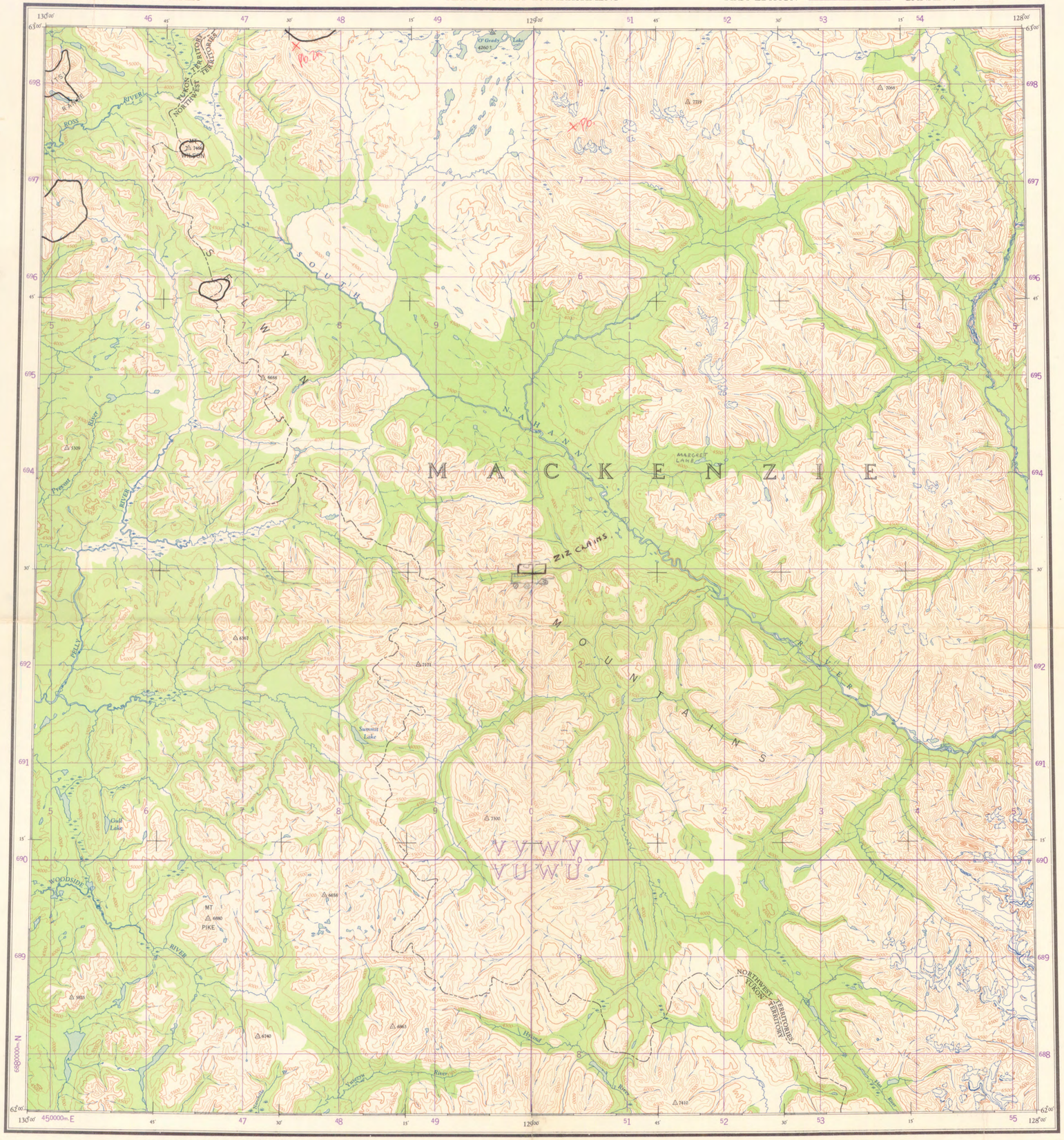
DEPARTMENT OF NATIONAL DEFENCE
ARMY SURVEY ESTABLISHMENT

NATIONAL TOPOGRAPHIC SERIES

FIRST EDITION

Refer to this Map as: 105 I EDITION 1 ASE SERIES A 502

CANADA. SHEET 105 I



THE DECLINATION OF THE COMPASS NEEDLE, 1954



The declination of the compass needle at any place along a red line is the declination given on that red line. At other places the declination is between those given on the neighbouring red lines; thus at the place marked A, the declination is between N. 36° E. and N 36°30 E. The easterly declinations of the compass needle are decreasing 5.5 minutes annually.

Surveyed, compiled, drawn and printed by the ARMY SURVEY ESTABLISHMENT R.C.E., 1949-54
Aerial photography by the R.C.A.F. 1949
Universal Transverse Mercator Projection.

NAHANNI

YUKON TERRITORY – NORTHWEST TERRITORIES

Scale 1 : 250,000
1 Inch to 4 Miles Approximately.

Miles 5 0 5 10 15 20 Miles
Kilometres 5 0 5 10 15 20 25 30 Kilometres

North American Datum 1927

Contour interval 500 Feet
All Elevations in Feet above Mean Sea Level.

REFERENCE

Road, Hard Surface, All Weather	More than 2 Lanes Route No. 2 Lanes
" Loose Surface, All Weather	2 Lanes Wide or More
" " " Less than 2 Lanes.	All Weather / Dry Weather
Cart Track, Trail	Cart Track / Trail
Railway, Multiple Track	
" Single Track	
Boundary, International	Marker
" Province or State	
" County or District	
" Reservations, Indian, Military, etc.	

REFERENCE

Horizontal Control Point △	Spot Elevation, in feet .124
Contours, Elevation 5500 6000	Wooded Areas
" Depression 5000 5500	Swamp or Marsh
" Approximate 1500	
Glacier or Snowfield	W. L. 125
Stream, Intermittent	Ferry, Mud, Sand
Dam, Falls	Lighthouse
Airfield, on Land ⊕ Water ⊕	Landing Ground, Anchorage
Power Transmission Line	

GRID ZONE DESIGNATION 9V
100,000 M. SQUARE IDENTIFICATION
VV WV
VU WU 690
50

IGNORE the SMALLER figures of any grid number; these are for finding the full coordinates. Use ONLY the LARGER figures of the grid number. example 450000

TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 1000 METRES

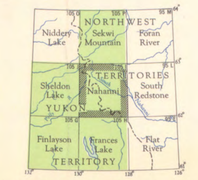
SAMPLE POINT — HORIZONTAL CONTROL POINT

1. Read letters identifying 100,000 metre square in which the point lies.
2. Locate first VERTICAL grid line to LEFT of point and read LARGE figures labeling the line either in the top or bottom margin, or on the line itself. Estimate tenths from grid line to point.
3. Locate first HORIZONTAL grid line BELOW point and read LARGE figures labeling the line either in the left or right margin, or on the line itself. Estimate tenths from grid line to point.

SAMPLE REFERENCE: V V 8 8 2 0 → V V 8 8 2 0

If reporting beyond 18" in any direction, prefix Grid Zone Designation as: 9V V V 8 8 2 0

TEN THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 9



NOTE: On the above index the sheets published are shown tinted green.

NAHANNI
SHEET 105 I
FIRST EDITION

SHEET 105-I-11

LATITUDE 62° 30' To 62° 45'
LONGITUDE 129° 00' To 129° 30'

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION BRANCH
RESOURCES DIVISION

SCALE : 2 MILE To 1 INCH

FT. 1500 0 1500 3000 4500 6000 7500 9000 10500 FT.

ISSUED UNDER THE AUTHORITY OF THE MINISTER
OF
NORTHERN AFFAIRS AND NATIONAL RESOURCES

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

Magnetic North
N 36° 00' E

105-I-13	105-I-14	105-I-15
105-I-12	105-I-11	105-I-10
105-I-5	105-I-6	105-I-5

50
PRICE ~~25~~ CENTS

WHITEHORSE 18 SEPT. 72, 27 Oct. 65, 20 Oct. 60; 12 DEC. 72, 30 NOV. 72, 27 NOV. 72, 20 OCT. 72; 25 SEPT. 73, 6 SEPT. 73, 29 MAR. 73, 8 MAR. 73, 1 FEB. 73, 11 JAN 73, 8 JAN 73, 5 JAN 73; 5 APRIL 74, 14 JAN 74; 5 DEC 75, 10 OCT 75, 9 JAN 75; 2 Feb 76, 29 Jan 76, 2 Jan 76.

SOUTH NAHANNI RIVER

PUMA 1-24

CAT 1-18 23-25

ANN 1-38

SAID TO ADJOIN

P B

BEA

DOD

BEA

NORTHWEST YUKON

PAR

HAR

HAR

GULL

DEA 21-34

COL 1-72

NOD 1-24

SON 1-54

JAKE 1-25

LIN CLAIMS 1-71

LUCK 1-26

AXE 1-40

TIN 1-15

TIN 16-20

DON

CED

NAH

DIANE

TROIS

NESS

PAS

129°30'
62° 45'
129°00'
62° 30'

105-I-11

LEGEND

■ GULL CLAIM POSTS
1/2 CLAIM LINE, NAME
CLAIM BOUNDARY

DYNASTY EXPLORATIONS LTD

GULL GROUP
NTS 105I-11

Scale 1in = 1/4 mi

0 1/4 1/2 1mi

MAP 1

HAR GROUP

grid area
maps 5-8

DYN GROUP

DOW GROUP

R GROUP

A12276-240

DYNASTY EXPLORATIONS LTD.

GULL GROUP - PELLY RIVER

McElhanney Surveying & Engineering Ltd.

1200 West Pender Street, Vancouver B.C. Canada

Scale	
Contour Interval	
Date	
Job No.	
Sheet No.	