

COMINCO LTD.

EXPLORATION  
NTS: 105-0-1&2

WESTERN DISTRICT

CAT TRENCHING, HAND TRENCHING AND LINECUTTING

ON THE

NIDD CLAIM GROUP

MAYO MINING DISTRICT, YUKON TERRITORY

LATITUDE: 63°12' and LONGITUDE: 130°30'

WORK UNDERTAKEN

DURING THE PERIOD JUNE 26 TO JULY 10, 1981

ON CLAIMS 83, 84, 88-90, 92, 95-97, 105, 106, 316, 317, and 338

AND

DURING THE PERIOD JULY 11 TO AUGUST 15, 1981

ON CLAIMS 70, 71, 76, 77, 81, 82, 83, 84, 89, 90, 92, 316 and 317



090863

2 SEPTEMBER 1981

R.W. LANE

RECEIVED  
SEP 19 1921  
YUKON TERRITORY  
DEPARTMENT OF  
MINES

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 \$ 45,460.<sup>00</sup>

~~Resident Geologist or  
Resident Mining Engineer~~

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

*R. Debicki* *Oct 1/21*  
~~for~~ Commissioner of Yukon Territory

208000

MAYO

FROM: Mining Recorder at .....

TO: Supervising Mining Recorder at Whitehorse, Y.T.

FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name:

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name:

Lease No. ....

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:

ASSIGNMENT of PLACER LEASE No. ....

From: To:

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.

Owner:

DIAMOND DRILL LOGS:

Claims: Claim sheet no:

QUARTZ ASSESSMENT REPORT:

Claims: "NIDD" Claim sheet no. 105-0-1/R

Type of report: Submitted by:

TRENCHING & LINECUTTING COMINCO LTD.

Cls. work performed on: \$ Req. for ren. application

COPY FOR YOUR FILES

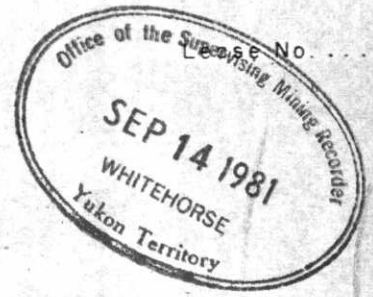
Signature

REPLY ACTION:

Date Ret.

090863

Signature





Exploration

Mr. R.G. Ronaghan,  
Mining Recorder,  
Mayo, Yukon  
YOB 1Mo

3 September 1981.



Dear Mr. Ronaghan:

Further to our telephone conversation of this morning, please find enclosed the technical report, in duplicate, for assessment performed on our NIDD claim group during the time periods June 26-July 10, 1981 and July 11-August 15, 1981.

As I stated to you earlier, \$20,250 of work for the June 26-July 10, 1981 period was recorded in your office under General Receipt No. D-18529, dated July 14, 1981. At the time of recording we received verbal permission from your staff for a 60 days extension of time, until September 11/81, for filing of the attached report.

Work credits of \$25,210 for the time period July 11-August 15, 1981 will be applied shortly to additional Nidd claims with October 20, 1981 as their present due date.

We like to thank the Department once again for the permission of late filing of the attached technical report.

Yours very truly,

A handwritten signature in black ink, appearing to read 'S. S. Selke'.

S. S. Selke,  
Senior Technician,  
Exploration  
Western District.

SSS/pm  
Encl.

090863

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APPENDICES

- Appendix I - Statement of Oath
- Appendix II(a) - Statement of Expenditures for the period  
June 26 to July 10, 1981
- Appendix II(b) - Statement of Expenditures for the period  
July 11 to August 15, 1981
- Appendix III - Certification

COMINCO LTD.

EXPLORATION  
NTS: 105-0-1&2

WESTERN DISTRICT  
2 September 1981

CAT TRENCHING, HAND TRENCHING AND LINECUTTING  
ON THE  
NIDD CLAIM GROUP  
MAYO MINING DISTRICT, YUKON TERRITORY

I. LOCATION - refer to Plate A

The Nidd Claim Group occurs within the Mayo Mining District, and is situated in the MacMillan Pass area of the Yukon, 380 km NE of Whitehorse, Yukon. The property is centered on latitude 63°12' and longitude 130°30'. Access to the property is via the Canol Road from Whitehorse and Ross River, or alternatively, by air to the MacMillan Pass airstrip. The easternmost end of the property is serviced by a 4 x 4 road which traverses the Jason property. The remaining portions of the property are accessible only by helicopter.

II. INTRODUCTION - refer to Plates B and C

The Nidd claims overlie the Ordovician to Mississippian age Road River, Canol and Imperial Formations. The Canol Formation consists mainly of shale, sandstone and conglomerate, and is also host to stratiform Pb-Zn-Ag-Ba mineralization at some locations within the MacMillan Pass area, such as at the Tom and Jason properties. The Canol Formation constitutes the main stratigraphy exploration interest on the Nidd property.

Hand trenching and cat trenching described in this report was undertaken in the Boundary Creek area to expose interesting Canol Formation stratigraphy, and/or to test areas found to be anomalous by Pb-Zn soil geochemistry.

Baseline cutting was undertaken in the Boundary Creek area to extend soil geochemical coverage to the north and south.

The above mentioned work commenced on June 26 and was completed on August 15. Expenditures relating to work undertaken during the period June 26 to July 10 are separated from expenditures for the period July 11 to August 15, in recognition of a July 11, 1981 due date for some of the claims in the work area.

### III. WORK UNDERTAKEN

#### A. Hand Trenching: Tr-1981-1 - see Plate C, D and E

##### 1. Period of Work and Personnel Employed

The Boundary Creek hand trenching and associated geological mapping and sampling was undertaken during the period June 26 to July 18, 1981 by R.W. Lane, S. Ahrend, G. Samchek and J.P. Palut.

##### 2. Results

The hand trenching exposed a 110 meter long by 1 meter wide north-east trending area along the west bank of Boundary Creek. The work exposed siderite, conglomerate, mudstone/siltstone, pyrite and talc-chlorite schist, which is thought to be part of the Canal Formation. Minor amounts of sphalerite were found, mainly along fault and fractures zones, where it replaced siderite and the matrix and some clasts of chert pebble conglomerate.

#### B. Cat Trenching: Tr-1981-2, 3 and 4 - see Plates C,D,F,G and H

##### 1. Period of Work and Contractor Employed

A D6D cat, operated by Grant Stewart Construction of Watson Lake, undertook the Boundary Creek cat trenching during the period July 3 to July 16, inclusive. The trenches were located, mapped and sampled by R.W. Lane, C.D. Oke and J.P. Palut during the period July 3 to August 12, 1981.

##### 2. Results

###### (a) Tr-1981-2

Trench Tr-1981-2 was established immediately northwest of the Boundary Creek handtrench Tr-1981-1, in an effort to expose a continuous stratigraphic sequence in the area. The dimensions of trench Tr-1981-2 are as follows: length - 175 m, width - 6 m, and depth - 2 m. Large patches of outcrop were exposed along the westernmost 115 m of the trench, after it was thoroughly washed with a Wajex pump. The geology exposed is thought to be part of the Canal Formation, and consists of siderite, conglomerate and mudstone/siltstone. Minor amounts of sphalerite occur along fractures, or as small knots or grains.

###### (b) Tr-1981-3

Trench Tr-1981-3 was established 200 m northwest of the northern end of Tr-1981-2, and was positioned to test a Zn soil geochemical anomaly of 1200 to 1600 ppm Zn. The dimensions of trench Tr-1981-3 are as follows: length - 90 m, width - 6 m, and average

depth - 3 m. The trench exposed unmineralized mudstone and/or siltstone in the center of the trench. Results of soil profile sampling and rock sampling at three locations along the trench suggest that the anomalous Zn soil geochemical values overlying the trench represent a transported anomaly.

(c) Tr-1981-4

Trench Tr-1981-4 was established 30 m southwest of the geochemical grid position 102+00E, 2+00N, and was located to test a Pb soil geochemical anomaly ranging from 50 to 82 ppm Pb. The dimensions of Tr-1981-4 are as follows: length - 100 m, width - 6 m, and average depth - 2.5 m. Unmineralized outcrops of chert pebble conglomerate and mudstone/siltstone were exposed in the southern half of the trench. Soil profile results from the trench are listed on Plate H. Results of rock geochemical sampling are awaited.

C. Linecutting

1. Period of Work and Contractor Employed

Linecutters employed by Ketz Enterprises of Ross River cut 9 km of baselines in the Boundary Creek area during the period July 3 - 10, 1981. An additional 2.5 km of line were also cut by Ketz personnel, immediately west of Boundary Creek during the period August 14 - 15, 1981.

IV. ATTACHMENTS

- Plate A - Location Map, Nidd Property, MacMillan Pass, Yukon  
Scale 1:500,000
- Plate B - Claim Map - Nidd Property  
Scale 1" = ½ mile
- Plate C - Location of Cat Trenches Tr-1981-2, 3 and 4, Hand Trench Tr-1981-1, 1981 Cutlines, and Claim Posts  
Scale 1:10,000
- Plate D - Location of Trenches Tr-1981-1, 2 and 3  
Scale 1:500
- Plate E - Geology of the Boundary Creek Hand Trench: Tr-1981-1  
Scale 1:100
- Plate F - Geology of the Boundary Creek Cat Trench: Tr-1981-2  
Scale 1:100
- Plate G - Geology of the Boundary Creek Cat Trench: Tr-1981-3  
Scale 1:100
- Plate H - Geology of the Boundary Creek Cat Trench: Tr-1981-4

Report by: *Ronald W Lane*  
R.W. Lane  
Geologist

Approved for  
Release by: *G. Harden*  
G. Harden, Manager  
Exploration  
Western District

RWL/vmk

Distribution:

Mining Recorder(2)  
Western District (1)  
RWL/ABM(2)

APPENDIX I

IN THE MATTER OF THE ACT RESPECTING QUARTZ MINING IN THE YUKON TERRITORY, AND IN THE MATTER OF A HAND TRENCHING, CAT TRENCHING AND LINECUTTING PROGRAMME CARRIED OUT ON PORTIONS OF THE NIDD MINERAL CLAIMS, ON THE NIDD PROPERTY, LOCATED IN THE MACMILLAN PASS AREA, MAYO M.D., AT LATITUDE 63°12' AND LONGITUDE 130°30',  
NTS: 105-0-1&2

S T A T E M E N T

I, RONALD W. LANE, of the city of North Delta, in the Province of British Columbia, make oath and say:

1. That I am employed as a geologist by Cominco Ltd., and as such, have a personal knowledge of the facts to which I hereinafter depose.
2. That annexed hereto and marked as "Appendix II(a) and Appendix II(b)" to this statement is a true copy of expenditures incurred on a hand trenching, cat trenching and linecutting program on the Nidd Mineral claims.
3. That the said expenditures were incurred between the 26th of June to the 15th of August, 1981, for the purpose of mineral exploration on the above mentioned claims.



R.W. Lane  
Geologist  
Western District

APPENDIX II(a)

NIDD CLAIMS

STATEMENT OF EXPENDITURES FOR THE PERIOD JUNE 26 TO JULY 10, 1981

(Hand Trenching, Cat Trenching and Linecutting Programme)

D6D Cat Expenses (hourly rate, fuel, mobilization)	\$ 8,951
Helicopter (Transportation of Cat operator and fuel)	3,970
Camp Costs	910
Salaries	2,000
Analytical Expenses	1,000
Linecutting (Charges per line km, plus mob./de-mob.)	<u>3,669</u>
	<u>\$20,500</u>

APPENDIX II(b)

NIDD CLAIMS

STATEMENT OF EXPENDITURES FOR THE PERIOD JULY 11 TO AUGUST 15, 1981

(Hand Trenching, Cat Trenching and Linecutting Programme)

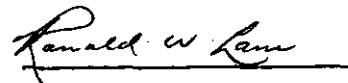
D6D Cat Expenses (hourly rate, fuel and de-mobilization)	\$ 6,200
Camp Costs	1,400
Helicopter (fuel in for cat, tran- sportation for cat operator, linecutters and geologists)	7,960
Salaries	6,050
Analytical Charges	200
Linecutting (Charge per km plus mob. and demobilization)	900
Equipment	1,000
Expediting, communications and transportation	<u>1,500</u>
	<u>\$25,210</u>

APPENDIX III

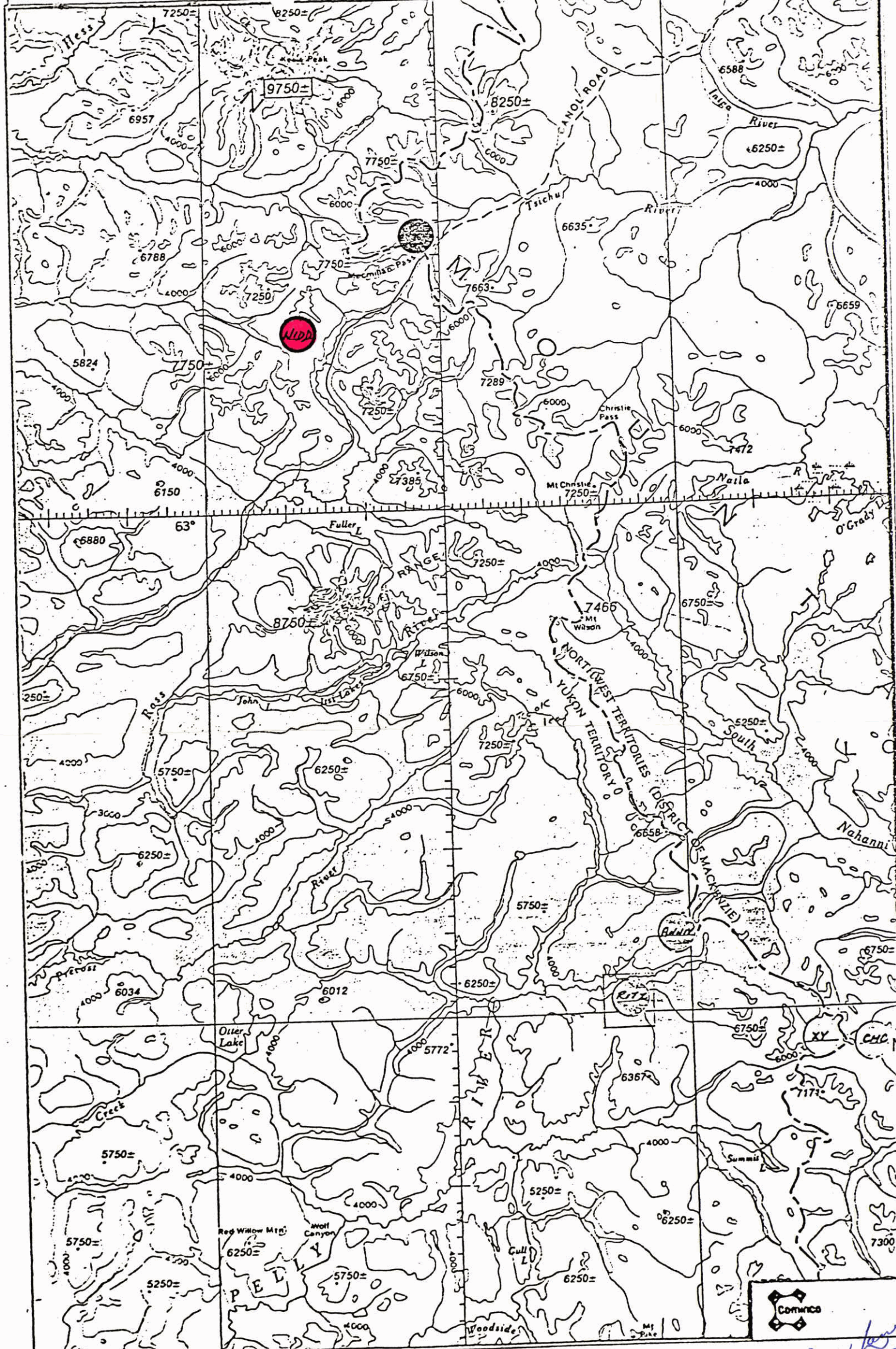
CERTIFICATION

I, Ronald W. Lane, of 7673 Sutton Place, in the City of North Delta, in the Province of British Columbia, do hereby certify that:

1. I graduated from the University of Alberta in 1971 with a B.Sc., specializing in geology.
2. That I have been practicing my profession on a continuous basis for the last 10 years.



R.W. Lane  
Geologist  
Western District  
Cominco Ltd.

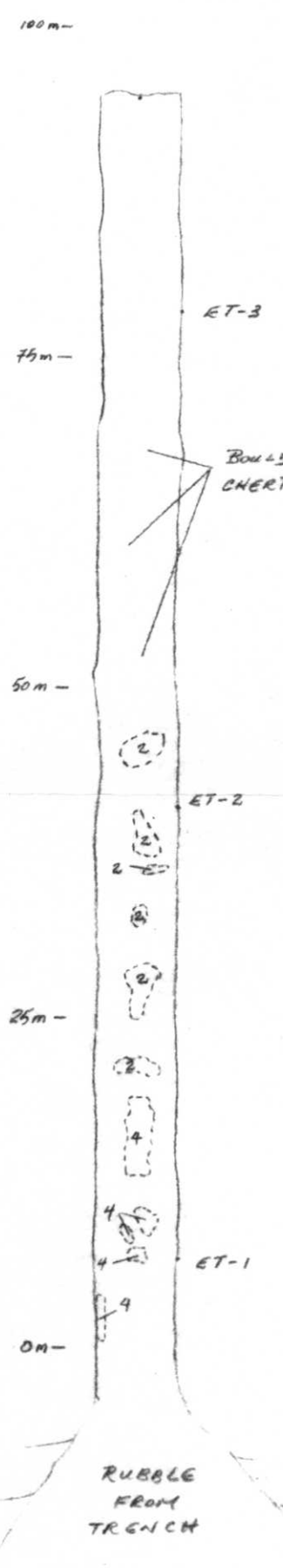


Drawn by: <i>RWL</i>		Traced by:	
Revised By	Date	Revised By	Date

LOCATION MAP  
 NIDD PROPERTY Mac MILLAN PASS, YUKON  
 090863

*Rev. w/ base  
 Sept 21, 1978*

Grid flag 102+00E, 2+00N



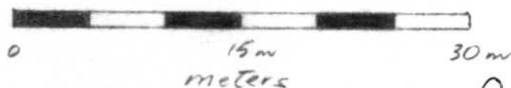
GEOLOGICAL LEGEND  
CANOL FORMATION

- 2. CHERT PEBBLE CONGLOMERATE WITH SILICEOUS MATRIX
- 4. SLTSTONE AND/OR MUDSTONE

SOIL PROFILE GEOCHEMICAL VALUES

Sample	Depth below surface (meters)	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ba ppm
ET 1-1	1	76	107	19	1.3	3900
ET 1-2	2	84	103	682	1.1	4526
ET 1-3	3	85	75	1390	1.7	2433
ET 2-1	1	77	41	370	1.0	2759
ET 2-2	2	110	51	1330	1.2	3096
ET 2-3	3	81	40	302	0.9	2825
ET 2-4	4	85	46	411	0.9	3417
ET 3-1	0.5	65	36	315	0.4	2730
ET 3-2	1.5	71	50	374	1.3	3083

Scale Bar



*Raw w Law  
Sept 2, 1981*

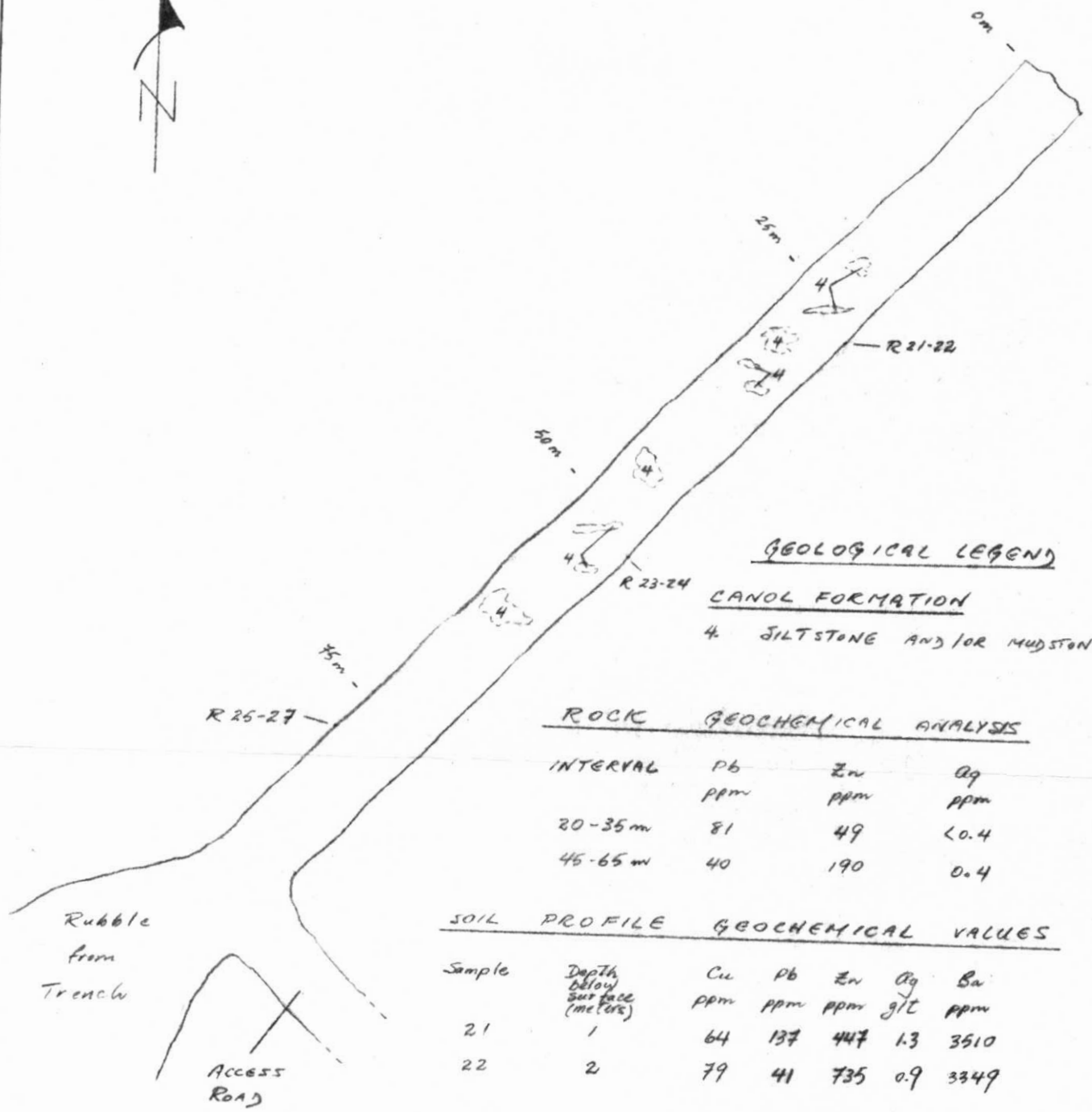
NIDD PROPERTY, MacMILLAN PASS, YUKON



Drawn by: C.O.		Traced by: RWL	
Revised by	Date	Revised by	Date

GEOLOGY  
OF  
BOUNDARY CREEK CAT TRENCH  
TR-1981-4

Scale: 1:500      Date: Aug 30, 1981      Plate: H



GEOLOGICAL LEGEND

CANOL FORMATION  
 4 SILTSTONE AND/OR MUDSTONE

ROCK GEOCHEMICAL ANALYSIS

INTERVAL	Pb ppm	Zn ppm	Ag ppm
20-35m	81	49	<0.4
45-65m	40	190	0.4

SOIL PROFILE GEOCHEMICAL VALUES

Sample	Depth below surface (meters)	Cu ppm	Pb ppm	Zn ppm	Ag g/t	Ba ppm
21	1	64	137	447	1.3	3510
22	2	79	41	735	0.9	3349
23	1	45	26	352	0.5	2720
24	2	50	35	344	0.6	2619
25	1	42	52	970	0.8	3030
26	2	56	46	539	0.8	3213
27	3	30	55	1290	0.8	2776

*Raw w/ Raw  
 Sept 21, 1981*

NIDD PROPERTY, MacMILLAN PASS, YUKON



Drawn by:	RWL	Traced by:	RWL
Revised by	Date	Revised by	Date

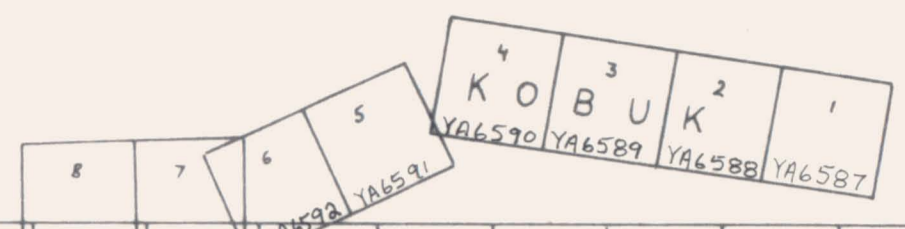
GEOLOGY  
 OF  
 BOUNDARY CREEK CAT TRENCH  
 TR - 1981-3

Scale: 1:500

Date: AUG 30, 1981

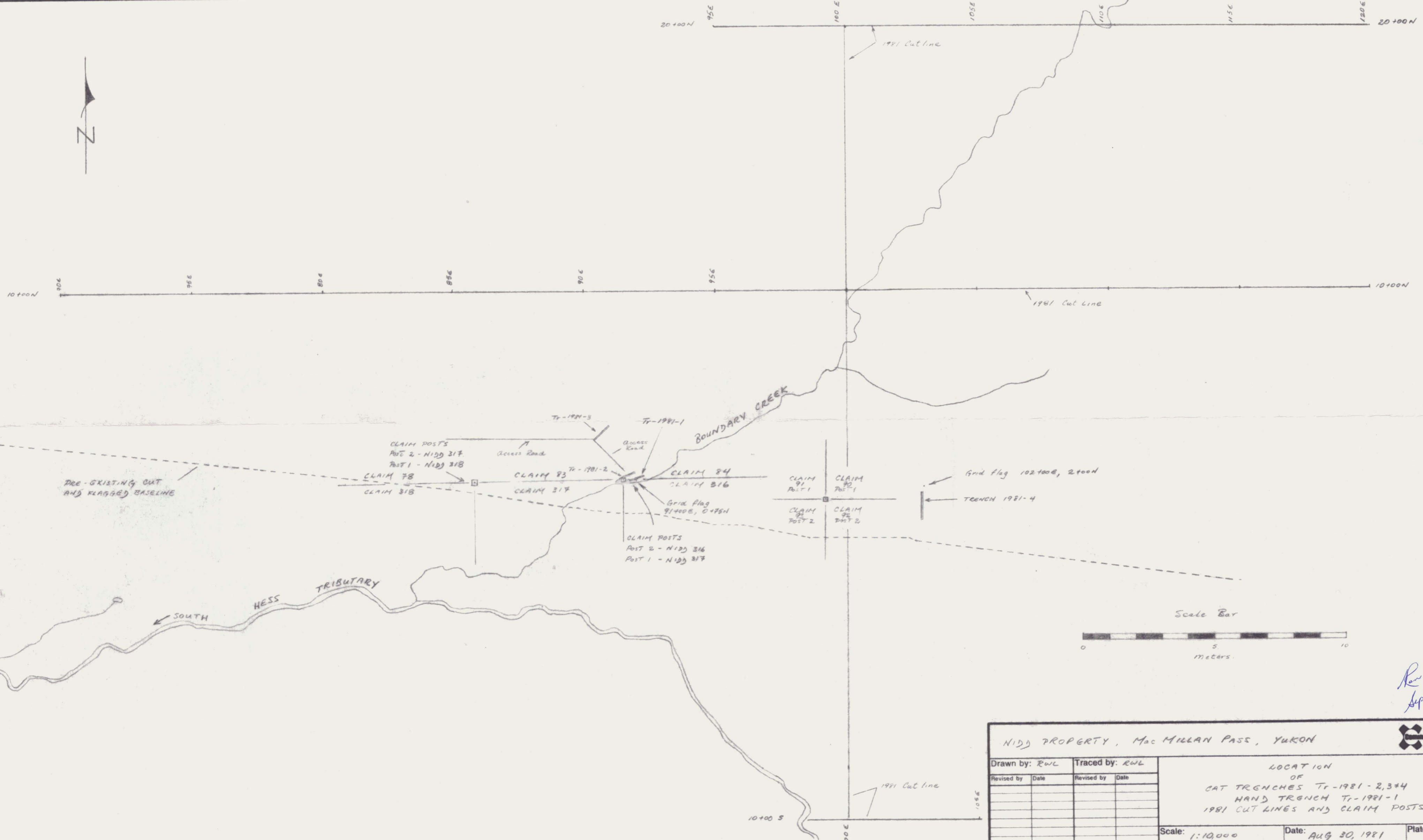
Plate:

300	301	241	240	245	244	243	248	252																																								
YA7455	YA7456	YA7429	YA7428	YA7433	YA7432	YA7437	YA7436	YA7440																																								
302	303	243	242	247	246	251	250	253																																								
YA7457	YA7458	YA7431	YA7430	YA7435	YA7434	YA7439	YA7438	YA7441																																								
304	305	1	2	11	12	21	22	31	32																																							
YA7459	YA7460	YA7241	YA7242	YA7251	YA7252	YA7261	YA7262	YA7271	YA7272																																							
306	307	3	4	13	14	23	24	33	34																																							
YA7461	YA7462	YA7243	YA7244	YA7253	YA7254	YA7263	YA7264	YA7273	YA7274																																							
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YA7465	YA7466	YA7247	YA7248	YA7257	YA7258	YA7267	YA7268	YA7277	YA7278																																							
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YA7467	YA7468	YA7249	YA7250	YA7259	YA7260	YA7269	YA7270	YA7279	YA7280																																							
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BOUNDARY  
CREEK  
AREA

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YA7320	YA7327	YA7328	YA7335	YA7449	YA7451	YA43328	YA43330	YA43334	YA43335					
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YA7327	YA7328	YA7335	YA7336	YA7342	YA7352	YA7351	YA7363	YA43342	YA43344	YA43346	YA43348	YA43350	YA43352	
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YA7363	YA7364	YA7371	YA7372	YA7378	YA7388	YA7387	YA7390	YA43370	YA43372	YA43374	YA43376	YA43378	YA43380	
149	150	161	162	175	176	189	188	205	434	436	438	440	442	444
YA7365	YA7366	YA7373	YA7374	YA7380	YA7390	YA7389	YA7392	YA43371	YA43373	YA43375	YA43377	YA43379	YA43381	
151	152	163	164	177	178	191	190	207	435	437	439	441	443	445
YA7367	YA7368	YA7375	YA7376	YA7382	YA7392	YA7391	YA7394	YA43372	YA43374	YA43376	YA43378	YA43380	YA43382	
153	154	165	166	179	180	193	192	209	436	438	440	442	444	446
YA7369	YA7370	YA7377	YA7378	YA7384	YA7394	YA7393	YA7396	YA43373	YA43375	YA43377	YA43379	YA43381	YA43383	
155	156	167	168	181	182	195	194	211	437	439	441	443	445	447
YA7371	YA7372	YA7379	YA7380	YA7386	YA7396	YA7395	YA7398	YA43374	YA43376	YA43378	YA43380	YA43382	YA43384	
157	158	169	170	183	184	197	196	213	438	440	442	444	446	448
YA7373	YA7374	YA7381	YA7382	YA7388	YA7398	YA7397	YA7400	YA43375	YA43377	YA43379	YA43381	YA43383	YA43385	
159	160	171	172	185	186	199	198	215	439	441	443	445	447	449
YA7375	YA7376	YA7383	YA7384	YA7390	YA7400	YA7399	YA7402	YA43376	YA43378	YA43380	YA43382	YA43384	YA43386	
161	162	173	174	187	188	201	200	217	440	442	444	446	448	450
YA7377	YA7378	YA7385	YA7386	YA7392	YA7402	YA7401	YA7404	YA43377	YA43379	YA43381	YA43383	YA43385	YA43387	
163	164	175	176	189	190	203	202	219	441	443	445	447	449	451
YA7379	YA7380	YA7387	YA7388	YA7394	YA7404	YA7403	YA7406	YA43378	YA43380	YA43382	YA43384	YA43386	YA43388	
165	166	177	178	191	192	205	204	221	442	444	446	448	450	452
YA7381	YA7382	YA7389	YA7390	YA7396	YA7406	YA7405	YA7408	YA43379	YA43381	YA43383	YA43385	YA43387	YA43389	
167	168	179	180	193	194	207	206	223	443	445	447	449	451	453
YA7383	YA7384	YA7391	YA7392	YA7398	YA7408	YA7407	YA7410	YA43380	YA43382	YA43384	YA43386	YA43388	YA43390	
169	170	181	182	195	196	209	208	225	444	446	448	450	452	454
YA7385	YA7386	YA7393	YA7394	YA7400	YA7410	YA7409	YA7412	YA43381	YA43383	YA43385	YA43387	YA43389	YA43391	
171	172	183	184	197	198	211	210	227	445	447	449	451	453	455
YA7387	YA7388	YA7395	YA7396	YA7402	YA7412	YA7411	YA7414	YA43382	YA43384	YA43386	YA43388	YA43390	YA43392	
173	174	185	186	199	200	213	212	229	446	448	450	452	454	456
YA7389	YA7390	YA7397	YA7398	YA7404	YA7414	YA7413	YA7416	YA43383	YA43385	YA43387	YA43389	YA43391	YA43393	
175	176	187	188	201	202	215	214	231	447	449	451	453	455	457
YA7391	YA7392	YA7399	YA7400	YA7406	YA7416	YA7415	YA7418	YA43384	YA43386	YA43388	YA43390	YA43392	YA43394	
177	178	189	190	203	204									



*Raw w/ Lane  
Sept 2, 1981*

NIDD PROPERTY, Mac MILLAN PASS, YUKON

Drawn by: RWL	Traced by: RWL	LOCATION OF CAT TRENCHES Tr-1981-2,3,4 HAND TRENCH Tr-1981-1 1981 CUT LINES AND CLAIM POSTS				
Revised by	Date			Revised by	Date	
				Scale: 1:10,000	Date: Aug 30, 1981	Plate: C

090863



GEOLOGICAL LEGEND

- 1. MASSIVE SIDERITE AND/OR SIDERITE CONGLOMERATE
- 2. CHERT-(SIDERITE) PEBBLE CONGLOMERATE WITH SILICEOUS MATRIX
- 3. SILTSTONE AND/OR MUDSTONE
- 7. CHERT-(SIDERITE) PEBBLE CONGLOMERATE WITH MUDSTONE/SILTSTONE MATRIX
- 12. ARKILLITE CLAST SANDSTONE WITH SILTSTONE-SIDERITE MATRIX.



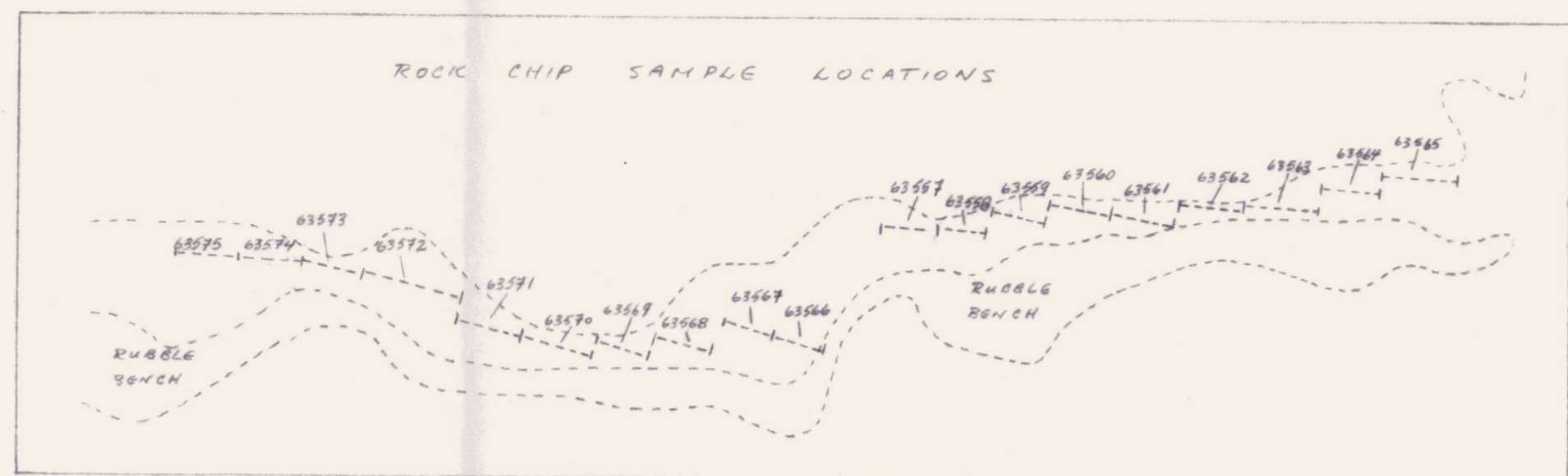
*Rowley  
Sept 21, 1981*

NIDD PROPERTY, Ho. MILLAN PASS, YUKON

Drawn by: RVL TO	Traced by: RVL
Revised by: Date	Revised by: Date

LOCATION OF  
BOUNDARY CREEK TRENCHES TR-1981-2,3,4

Scale: 1:500      Date: Sept 2, 1981      Plate: D

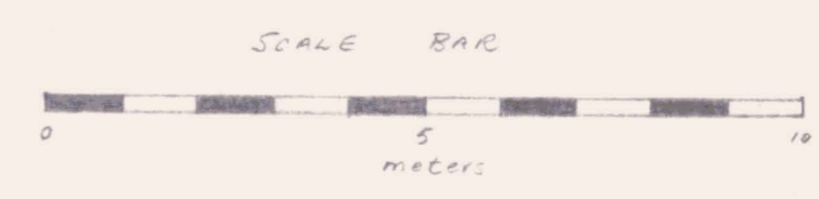


Sample No.	ASSAYS			GEOCHEMICAL ANALYSIS										
	Pb %	Cu %	Ag oz/t	Ca	Cl	Mn	Fe	Al	Hg	Zn	As	Mo	SiO <sub>2</sub>	Loss on Ignition
63557	0.001	0.19	0.02	12	4.8	4360	2700.00	ND	30.00	190				
63558	0.001	0.02	0.04	11	2.6	2950	2700.00	S	30.00	190				
63559	0.001	0.02	0.03	10	2.3	2600	2700.00	ND	12.00	150				
63560	0.001	0.12	0.12	20	3.5	3160	2700.00	ND	17.00	100				
63561	0.001	0.00	0.02	46	95.0	1800	7.30	ND	25.00	1300				
63562	0.001	0.16	0.02	14	4.6	6210	2700.00	ND	36.00	490				
63563	0.001	0.17	0.02	34	8.7	5070	2700.00	ND	39.00	470				
63564	0.001	0.07	0.02	10	2.6	192	2.25	ND	31.00	340				
63565	0.001	0.25	0.05	42	7.0	475	4.30	ND	25.00	810				
63566	0.001	0.23	0.05	10	2.3	46	1.30	ND	25.00	780				
63567	0.001	0.02	0.02	10	0.8	35	3.00	ND	28.00	930				
63568	0.001	0.11	0.05	14	4.2	4650	2700.00	ND	24.00	350				
63569	0.001	0.05	0.04	28	1.6	1825	2700.00	ND	13.00	2700				
63570	0.001	0.02	0.02	16	0.2	212	3.45	ND	30.00	1180				
63571	0.001	0.03	0.02	21	0.5	1195	6.70	ND	9.00	2000				
63572	0.001	0.05	0.06	22	1.3	1185	7.40	ND	37.00	740				
63573	0.001	0.11	0.02	20	2.6	920	2700.00	ND	23.00	820				
63574	0.001	0.41	0.02	32	10.0	6930	2700.00	ND	29.00	510				
63575	0.001	0.24	0.02	44	20.0	5220	2700.00	ND	25.00	820				



- MAP SYMBOLS**
- STRIKE / DIP
  - ANTICLINE
  - AXIS OF SYNCLINE
  - T1 REFERENCE PLANE
  - DIRECTION OF STEEP SLOPE
  - GEOLOGICAL CONTACT
  - LIMIT OF OUTCROP

- GEOLOGICAL LEGEND**
- CANON FORMATION**
- 1 MASSIVE SIDERITE AND/OR SIDERITE CONGLOMERATE
  - 2 CHERT (SIDERITE) PEBBLE CONGLOMERATE WITH SILICEOUS MATRIX
  - 3 PYRITE
  - 4 SLTSTONE AND/OR MUDSTONE
  - 5 TALC-CHLORITE (SERPENTINITE) SCHIST
  - 6 CHERT PEBBLE CONGLOMERATE, TALC-CHLORITE SCHIST AND SIDERITE (INTERBEDDED)
  - 7 CHERT (SIDERITE) PEBBLE CONGLOMERATE WITH MUDSTONE MATRIX
  - 8 QUARTZ VEIN
  - 9 MUDSTONE AND/OR SLTSTONE CONTAINING PYRITE AND CHERT BOULDERS
  - 10 SLTSTONE - CONTAINS SANDSIZED CLASTS OF PYRITE AND CHERT
  - 11 CHERT - PYRITE PEBBLE CONGLOMERATE



*R. W. Lee*  
Sept 21, 1981

NIDD PROPERTY, MacMILLAN PASS, YUKON

Geology of  
BOUNDARY CREEK HANJ TRENCH  
GRIS LOCATION: 91400, 0175N  
(TR-1981-1)

Scale: 1:100 Date: AUGUST 29, 1981 Plate: E

Drawn by: R.W.L.	Traced by: R.W.L.
Revised by: [ ]	Revised by: [ ]

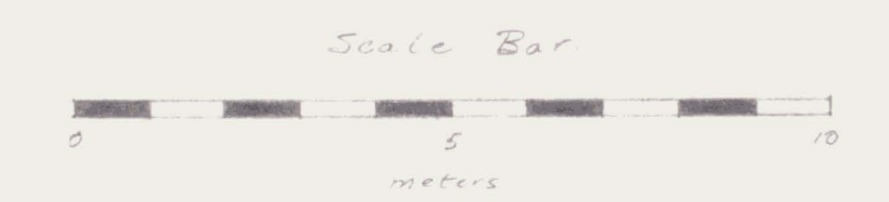


GEOLOGICAL LEGEND

- CANAL FORMATION
- 1. MASSIVE SIDERITE AND/OR SIDERITIC CONGLOMERATE
  - 2. CHERT-(SIDERITE) DEBBLE CONGLOMERATE WITH SILICEOUS MATRIX
  - 3. SILTSTONE AND/OR MUDSTONE
  - 4. CHERT-(SIDERITE) DEBBLE CONGLOMERATE WITH MUDSTONE MATRIX
  - 12. SIDERITE COBBLE TO BOULDER CONGLOMERATE (CLASTS UP TO 100CM)
  - 13. SIDERITE BRECCIA (CLASTS FROM 4CM TO 30CM IN DIAMETER)
  - 14. CHERT CONGLOMERATE CONTAINING "DEBITO" BOULDERS UP TO 50CM IN DIA.

MAP SYMBOLS

- STRIKE/DIP
- ATTITUDE OF FAULT PLANE DIPPING 60°
- FIELD REFERENCE FLAG
- GEOLOGICAL CONTACT
- LIMIT OF OUTCROP
- DIRECTION OF STEEP SLOPE



*R. W. Lee*  
 1981  
 14

NIDD PROPERTY, Mt. HILLAN PASS, YUKON		
Drawn by: J.F.F.	Traced by: J.F.F.	
Revised by: [ ]	Date: [ ]	GEOLOGY OF BOUNDARY CREEK CAT TRENCH (T. 1981-2)
Scale: 1:100	Date: Aug 29, 1981	Plate: F