





Report on the
1979 Diamond Drill Program
on the
Art Claim Group
Montana Mountain Area
60° 03' North Latitude, 134° 40' West Longitude
NTS 105-D-2

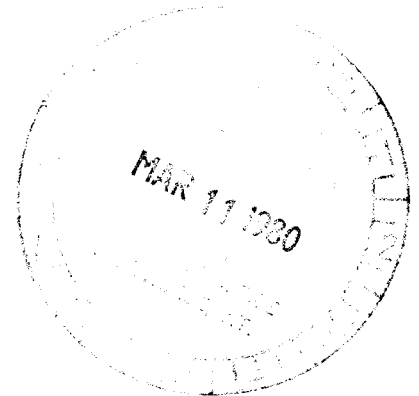
for

TRV Minerals Corporation

by

John R. Poloni, B.Sc., P.Eng.

January 14, 1980



John R. Poloni & Associates Ltd.,
5502 - 8B Avenue,
Delta, B.C.

090595

JOHN R. POLONI P. Eng.
Consulting Geologist

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1.0 Summary and Conclusions

The Art Group (1-16) of mineral claims located on Montana Mountain, Yukon Territory is controlled by TRV Minerals Corporation. Location is at approximately $60^{\circ} 03'$ North Latitude, $134^{\circ} 40'$ West Longitude.

Mineralization was initially discovered in 1920, additional work undertaken in the period 1965 - 1967, and three BQ size diamond drill holes completed in 1979. Only short sections of the core were split for assay with one section in 79-1 of 12 feet between 114.5 - 126.5 containing 0.062 Au oz/Ton. Further assaying of sections of core containing sparse but widely disseminated sulfides is necessary.

2.0 Introduction

The Art (1-16) Group of mineral claims located on the north slope of Montana Mountain south of the Artic Mine, Yukon Territory, is currently controlled by TRV Minerals Corporation.

Mineralization as arsenopyrite and pyrite with gold and silver was originally discovered in 1920, with the recent history being initiated during the summer of 1965.

This report is written on the examination of the core from 1979 diamond drill holes delivered to the author's home in Tsawwassen, B.C. during December 1979. No property visit has been made.

Location Map

Plan No. 1

TRV MINERALS CORPORATION

ART (1-16) GROUP
PROPERTY LOCATION
MONTANA MOUNTAIN AREA
YUKON TERRITORY

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN : J. R. P.

CHECKED : J. R. P.

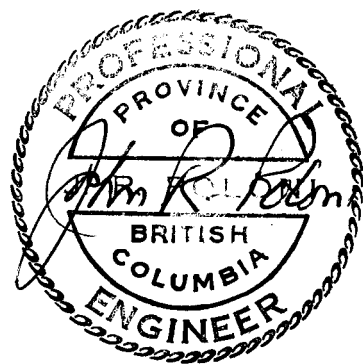
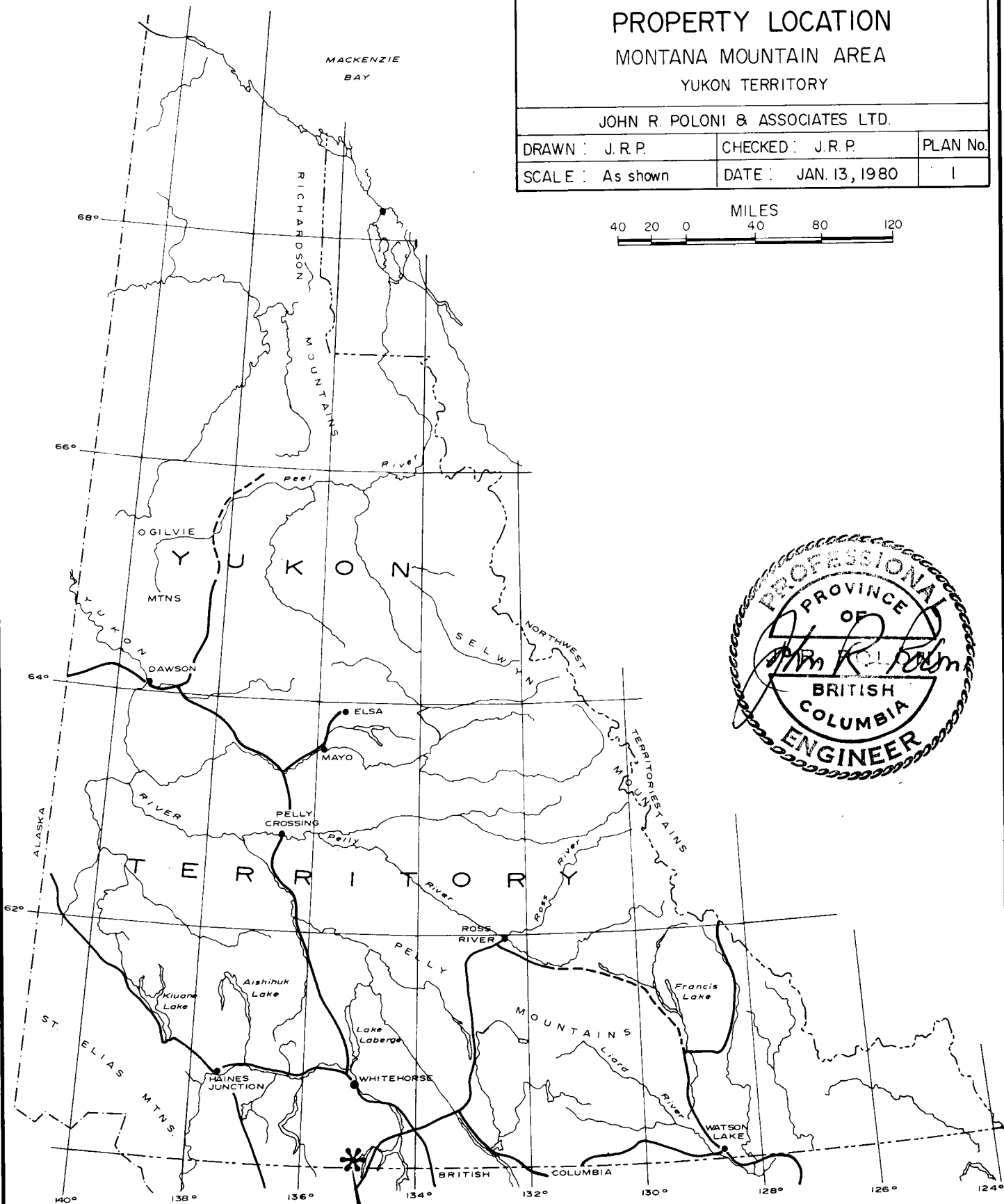
PLAN No.

SCALE : As shown

DATE : JAN. 13, 1980

1

MILES



ART CLAIMS

3.0 Location and Accessibility

The claims are located on the north slope of Montana Mountain, approximately 7 air miles south of Carcross and 40 air miles south of Whitehorse, at North Latitude $60^{\circ} 03'$ and West Longitude $134^{\circ} 40'$.

Access from Whitehorse, the nearest supply centre, is southerly along the Alaska highway to the Carcross-Teslin turn-off, to Carcross. An unimproved gravel road joins Carcross with the Artic Mine. The Art claims are immediately south of the Artic Mine.

4.0 Claim Information

The claim group consists of sixteen claims owned by TRV Minerals Corporation of Vancouver, B.C. Mr. Art Johns of Carcross staked the Art 1-8 claims on March 9, 1975, and Mr. J. C. Johns staked the Art 9-16 claims on March 10, 1975. All sixteen claims were transferred to Mr. Eberhard Mueller of Vancouver on March 11, 1975.

Mr. Mueller transferred the claims to TRV Minerals Corporation on May 1, 1978. Claims data is as follows:

<u>Name</u>	<u>Record (Claim Tag) No.</u>	<u>Record Date</u>
Art No. 1	Y93092	March 11, 1975
Art No. 2	Y93093	March 11, 1975
Art No. 3	Y93094	March 11, 1975
Art No. 4	Y93095	March 11, 1975
Art No. 5	Y93096	March 11, 1975
Art No. 6	Y93097	March 11, 1975

4.0 Claim Information - (continued)

<u>Name</u>	<u>Record (Claim Tag) No.</u>	<u>Record Date</u>
Art No. 7	Y93098	March 11, 1975
Art No. 8	Y93099	March 11, 1975
Art No. 9	Y93100	March 11, 1975
Art No. 10	Y93101	March 11, 1975
Art No. 11	Y93102	March 11, 1975
Art No. 12	Y93103	March 11, 1975
Art No. 13	Y93104	March 11, 1975
Art No. 14	Y93105	March 11, 1975
Art No. 15	Y93106	March 11, 1975
Art No. 16	Y93107	March 11, 1975

Map sheet number is 105-D-2 in Mining District of Whitehorse, Y.T.

5.0 Physical Features

The claim group is situated on the northern slope of Montana Mountain at elevations ranging between 5,500 feet and 7,000 feet above sea level. A small lake is covered by Art No. 5, with drainage being to the north in two small creeks. Generally, the area has been moderately glaciated, is above timberline, and is covered with grass and scrub brush. The terrain is gentle and rolling and can be easily traversed.

Precipitation is approximately 20 to 25 inches annually, with snowfall approaching two to three feet, and remaining on the ground from November to May.

6.0 History

The early history of the property is described by Oberbillig, John J. and Livgard, Egil in a report dated March 24, 1975 in making reference to data from Brynelsen, B.O. 1936:

"The Broken Hill Group was originally discovered in 1920 by Gilbert Skelly, a prospector from Carcross. Work was done in the summer months on three different outcrops, one cut is 28 feet long by 6 feet deep and 6 feet wide and is mineralized for the entire distance with arsenopyrite and pyrite Another cut, 3,000 feet distant, shows strong mineralization of arsenopyrite in a well defined vein. Grab samples from this cut assayed as follows: \$14.70, \$16.10, \$19.24, \$9.46 per ton in gold. These open cuts line up and indicate a vein of over 3,700 feet and having a width of at least 40 feet. Further outcrops found on the strike of this vein show it to have a possible length of over 7,000 feet."

Mr. E. Mueller prospected the area in 1965, obtaining encouraging values in gold and silver over these mineralized veins. Geochemical surveys undertaken by Artic Gold and Silver Mines Ltd. in 1967 on their property to the north, extended in part over ground covered by the Art Claims. Several silver-arsenic anomalies are reported to have extended over parts of the Art 1 to 4 and 9 and 10 claims as reported by Oberbillig and Livgard 1975.

During 1979, three BQ size diamond drill holes were completed on the Art 3 claim for a total depth of 508 feet. The author logged this core, split certain mineralized sections and sent these for assay to General Testing Laboratories in December 1979.

7.0 Geology - Mineralogy

The property covers intrusive rocks of the Coast Range Batholith of Jurassic or early Cretaceous age, Palaeozoic volcanic flows of the Taku Group, and sedimentary rocks of the Labarge Group of Triassic-Jurassic age.

Mineralization as arsenopyrite, galena, sphalerite, and chalcopyrite is found in grey-white quartz veins occupying fissures in the granodiorite. Argentite, pyrargyrite and native silver are also reported. Interesting gold and silver assays are reported by Oberbillig, John J. and Livgard, Egil, March 24, 1975.

8.0 Drilling Program - Results for 1979

Three BQ size diamond drill holes were completed in 1979 for a total of 508 feet. Plan No. 4 shows a section of these holes. Drill hole data is as follows:

79-1 @ S20°W @ -45° for 206 feet;

79-2 @ South @ -75° for 192 feet;

79-3 @ South @ -75° for 110 feet.

Granite and granodiorite were cut in all holes. Sections of widely disseminated but sparse pyrite and pyrrhotite were intersected.

In 79-1, between 36.0 - 37.0 feet, a banded sulfide zone, pyrite and pyrrhotite, assayed 0.028 Au oz/Ton - 1.00 Ag oz/Ton. Between 114.5 - 126.5, iron stained intrusive containing thin vuggy iron stained quartz stringers assayed 0.062 Au oz/Ton - Trace Ag oz/Ton. Core is stored at Bowen

8.0 Drilling Program - Results for 1979 - (continued)

Island at the residence of Mr. E. Mueller. Assay data is appended in Appendix C.

9.0 Cost Statement

STATEMENT OF WORK DONE ON ART CLAIMS

MONTANA MOUNTAIN, YUKON TERRITORY

AUGUST 10 to 31, 1979

	Drill Bits		
	- E. G. Walley & Son	\$	143.88
Aug. 31	J. K. Smit & Sons		2,667.57
Oct. 6	Cat Work		
	- Kolody Enterprises		1,320.00
Aug. 10 -	Drillers' Wages		
Aug. 31	- A. Schonig		675.00
	- F. Schonig		1,248.60
	- A. Schonig - (Expenses)		566.40
Aug. 10	Caribou Motel		770.00
Aug. 21	Transportation & Accommodation		
	- White Pass & Yukon Route		1,689.09
	- Gas		500.00
Aug. 3	Hastings Travel		262.00
Aug. 31	F. Schonig		1,000.00
July 19	Taku Air		308.00
July 18	Taku Air		258.00
Sep. 25	Camp Supplies		
	- Northern Metallic Sales		178.87
			<u>\$11,587.41</u>



Appendix A
Certificate

CERTIFICATE

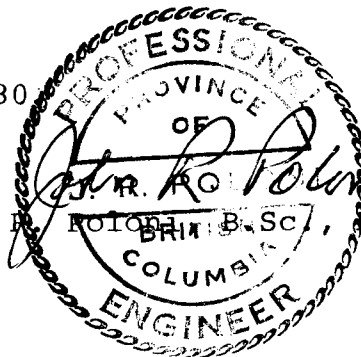
I, John R. Poloni, of 5502 - 8B Avenue, in Delta, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a Consulting Geologist.
2. I am a graduate of McGill University of Montreal, Quebec, where I obtained a B.Sc., degree in Geology in 1964.
3. I am a registered Professional Engineer in the Geological Section of the Association of Professional Engineers of the Province of British Columbia.
4. I have practiced my profession since 1964.
5. I am a Fellow of the Geological Association of Canada and a member of the Canadian Institute of Mining and Metallurgy.
6. I have not visited the Art 1-16 Claims on which this report is written, but have logged, split and sent for assay, core from the 1979 drill program. This core was delivered to my home in Tsawwassen, B.C. during December 1979.
7. I have no interest in the properties and securities of TRV Minerals Corporation, nor do I expect to receive or acquire any.

Dated this 14th day of January, 1980

John R. Poloni, B.Sc., P.Eng.



Appendix B

Maps

APPENDIX B

<u>Map</u>	<u>Scale</u>
Plan No. 2 - Claim Location Map	1" = 3,000 feet
Plan No. 3 - Local Geology	1" = 1,000 feet
Plan No. 4 - Section West 79-1, 79-2 and 79-3	1" = 40 feet

Appendix C

Assay Data

ASSAY DATA

<u>Ore Marked</u>	<u>Gold oz/st</u>	<u>Silver oz/st</u>	<u>Copper Cu (%)</u>	<u>Lead Pb (%)</u>	<u>Zinc Zn (%)</u>
0101 - C	0.028	1.00	-	-	-
0102	0.062	Trace	-	-	-
0103	0.002	Trace	-	-	-



GENERAL TESTING LABORATORIES

formerly: DIVISION SUPERINTENDENCE COMPANY (CANADA) LTD

1001 EAST PENDER ST., VANCOUVER, B.C., CANADA, V6A 1W2
 PHONE (604) 254-1647 TELEX 04-507514 CABLE SUPERVISE

TO:
PACIFIC CYPRESS MINERALS LTD.
 708 - 900 West Hastings Street
 Vancouver, B.C.

CERTIFICATE OF ASSAY

No.: 7912-2751/
 8001-0450 DATE: Jan. 15/80

We hereby certify that the following are the results of assays on: **Ore**

MARKED	GOLD	SILVER	Copper	Lead	Zinc	XXX	XXX	XXX
	oz/st	oz/st	Cu (%)	Pb (%)	Zn (%)			
0101 - C	0.028	1.00	-	-	-	TRV Art Claims		
0102	0.062	trace	-	-	-			
0103	0.002	trace	-	-	-			
0104	0.010	trace	0.05	0.01	0.02			
0105	0.004	trace	0.04	0.01	0.02			
0106	0.006	0.10	0.04	0.37	0.65			
0107	0.010	0.46	0.03	0.52	0.57			
0108	0.010	0.68	0.07	0.54	1.05	Summit Pass		
0109	0.002	trace	0.02	0.01	0.01	ABC Group		
0110	0.002	trace	0.05	0.04	0.02			
0111	0.038	2.76	0.17	6.87	6.61			
0112	0.002	trace	0.01	0.03	0.01			
0113	0.002	trace	0.05	0.03	0.01			
0114	0.002	0.79	0.01	0.20	0.29			
0115 - C	0.002	0.02	0.01	0.01	0.01			

cc. Mr. J. Poloni

NOTE: OBJECTS RETAINED ONE MONTH. PULPS RETAINED THREE MONTHS. ON REQUEST
 P.S. AND REJECTS WILL BE STORED FOR A MAXIMUM OF ONE YEAR.

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Appendix D

Diamond Drill Logs

79-1, 79-2, 79-3

DIAMOND DR . RECORD

PROPERTY ART GROUP - CARCROSSHole No. 79-1Sheet No. 1

Location: Claim No. Art 3
 Lat _____
 Dep _____
 Elevation of Collar _____
 Datum _____
 Bearing S 20° W
 Direction of Start: Dip -45°

Started _____
 Completed _____
 Ultimate Depth 206'
 Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	20.0	<u>CASING</u>		
20.0	132.0	<u>Granite-Granodiorite - MED-CSE textured variety, minor sulf., py., pyrr. in thin seams @ with qtz. str. approx. 20% qtz., with feldspar & pyroxene minerals @ 20' - 42.0' Fe staining @ 36' - 37.0' Banded massive sulf. str. py. & pyrr. @ 65 - 70° (65% sulf.) @ 44.0' - 45.0' CSE Breccia frag to 1" @ 48 - 63.0" Fe staining with frequent fractures @ 80° and almost parallel to core. At times thin seams & dissemina-</u>		

Drilled by: _____

John R. Poloni, P. Eng.
 Geologist in Charge

DIAMOND DR RECORD

Hole No. 79-1

PROPERTY _____

Sheet No. 2

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		ations of sulf. (py., pyrr.)		
		@ 82 - 92' Fe staining as above with py., pyrr. very minor		
		qtz. fils with py., xtals and seams		
		@ 99.0' - 1/2" massive py. @ 65°		
		@ 114.5' - 126.5' Fe stained intr. with thin vuggy Fe qtz.		
		stringers		
132.0	206.0	<u>Grey Granite</u>		
		CSE-MED textured variety		
		Infrequent FE-LIM stained fracture planes and inclusions		
		@ 182.5' Py. fil. @ 65° - - - END OF HOLE 206'		

Drilled by: _____

John R. Poloni, P. Eng.

Geologist in Charge

DIAMOND DRILL RECORD

PROPERTY ART GROUP - CARCROSSHole No. 79-2Sheet No. 1Location: Claim No. Art 3

Same Location as 79-1

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing SouthDirection of Start: Dip - 75°

Started _____

Completed _____

Ultimate Depth 192'

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	15.0	<u>CASING</u>		
15.0	85.0	<u>Granite-Granodiorite</u> - MED-CSE texture pink to buff coloured +25% qtz., 45 - 50% feldspars, minor pyroxene group. Fe staining on fracture planes. Minor sulf., py., pyrr., at times finely disseminated py., minor qtz. films @ 65 - 70°.		
85.0	192.0	<u>Grey Granite</u> - MED-CSE textured variety @ 110.0 - 147.7' bleached section with buff Fe-Limonite staining py., pyrr. in thin qtz. fil. @ 147.7 - 1/4 qtz. str. @ 20° minor py., pyrr. @ 160.0 - 163.0 CSE intrusive minor sulf., py., pyrr.		

Drilled by: _____

John R. Poloni, P. Eng.

Geologist in Charge

DIAMOND DR RECORD

Hole No. 79-2

PROPERTY _____

Sheet No. 2

Location: Claim No. _____

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing _____

Direction of Start: Dip _____

Started _____

Completed _____

Ultimate Depth _____

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
		@ 182.5' - 1" qtz. str. Fe \approx + to core		
		END OF HOLE 192'		

Drilled by: _____

John R. Poloni, P. Eng.
Geologist in Charge

DIAMOND DRILL RECORD

Hole No. 79-3

PROPERTY ART GROUP - CARCROSS

Sheet No. 1

100' East of 79-1

Location: Claim No. Art 3

Lat _____

Dep _____

Elevation of Collar _____

Datum _____

Bearing South

Direction of Start: Dip -75°

Started _____

Completed _____

Ultimate Depth 110'

Proposed _____

SECTION		REMARKS (LOG)	Core Recovery	Foliation Inclination
FROM	TO			
0.0	35.0	CASING		
35.0	110.0	Intrusive (Granodiorite) - CSE textured, minor qtz. str. & films; minor sulf. (Diss. & seams). Buff coloured limonitic unit @ 105 - 110' thin vuggy seams, py., pyrrhotite & Fe stained specks.		
		END OF HOLE 110'		

Drilled by: _____

John R. Poloni, P. Eng.
Geologist in Charge

Appendix E

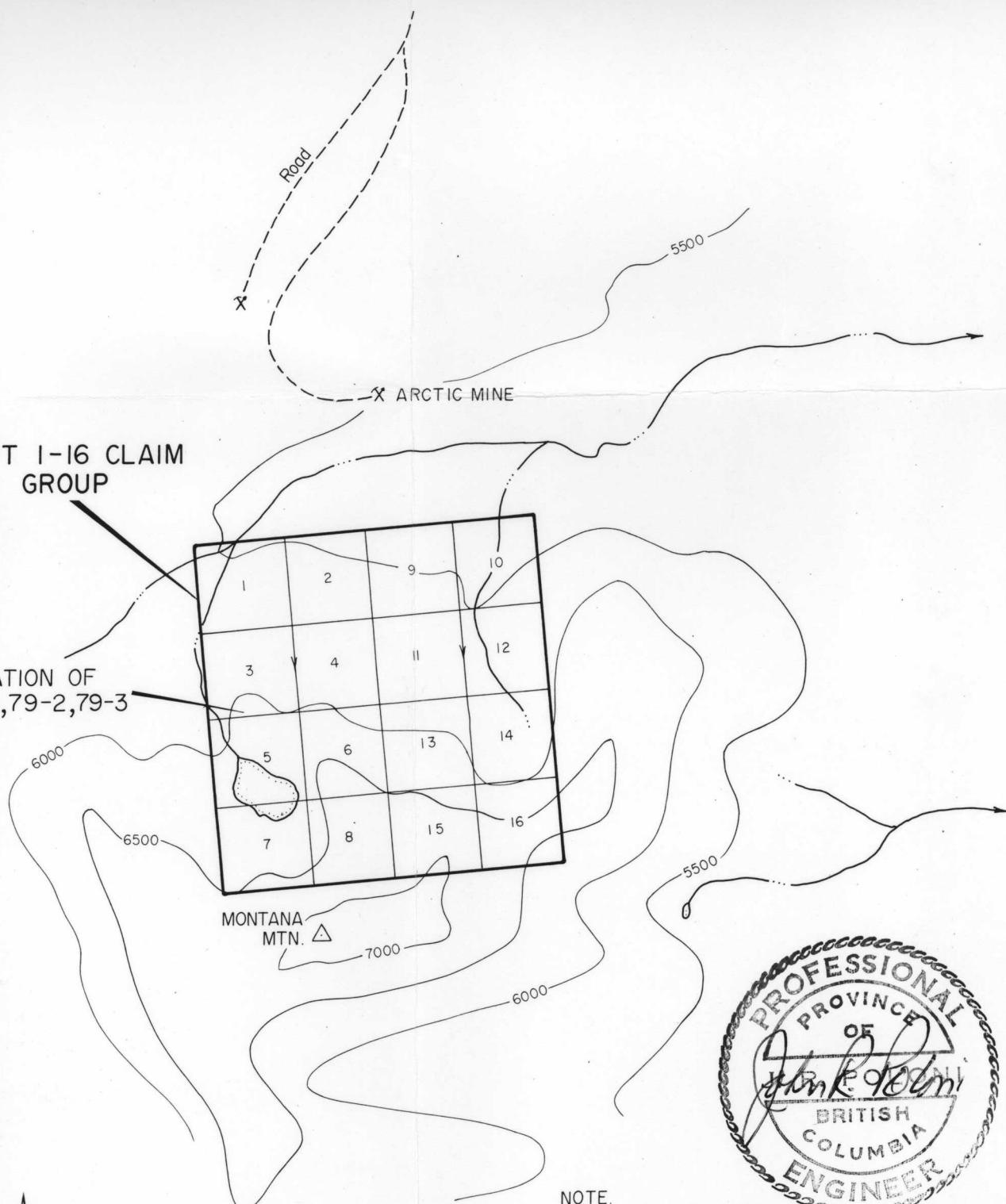
References


REFERENCES

1. Oberbillig, John J., Livgard, Egil, Report on the Art Claim Group, Yukon Territory, March 24, 1975, with included Geochemical Soil Sample Results Map by Dolmage - Campbell & Associates.

ART 1-16 CLAIM GROUP

LOCATION OF
79-1, 79-2, 79-3



MONTANA
MTN. 



NOTE.

Data from N.T.S. 105 D-2

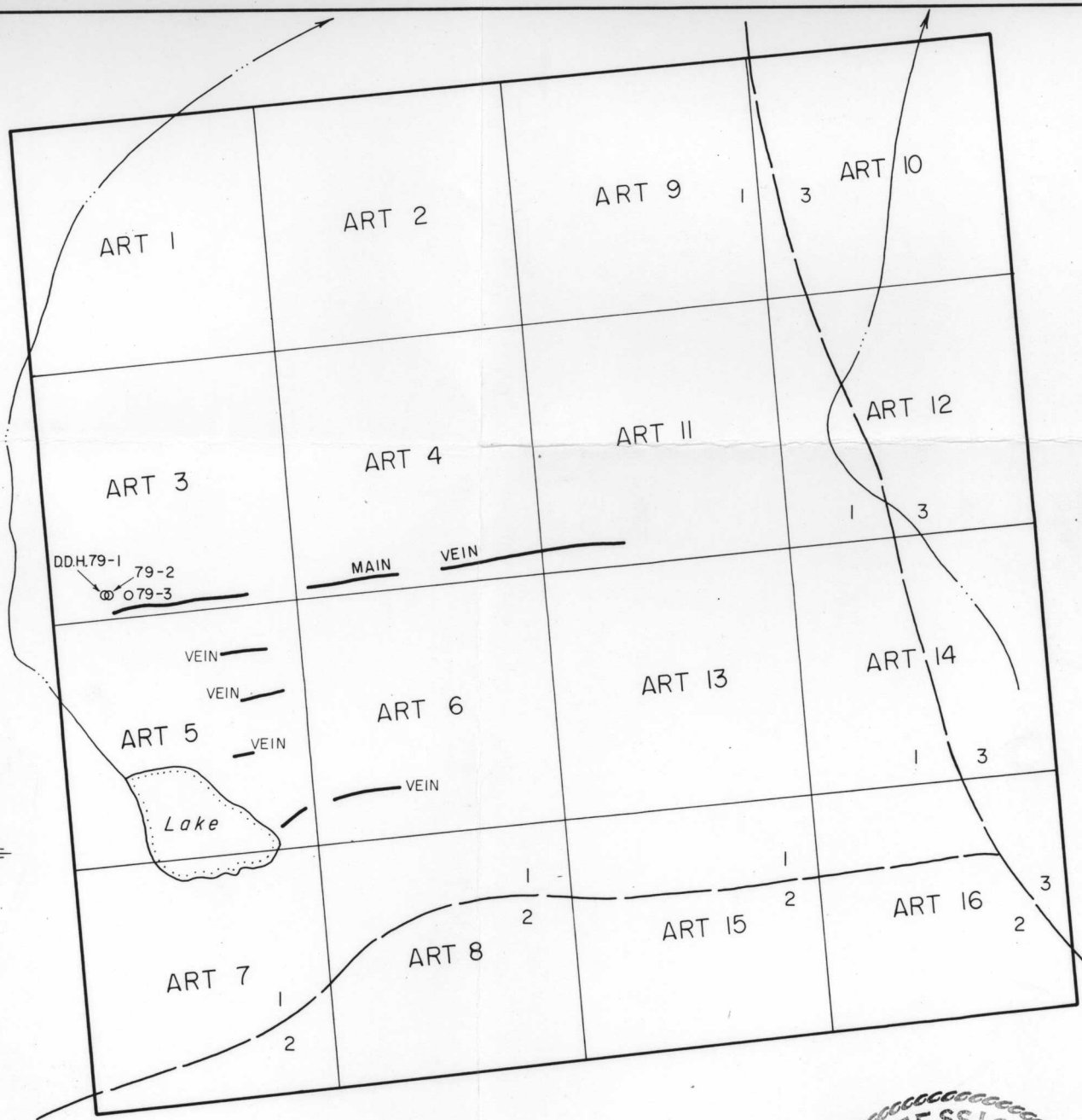
TRV MINERALS CORPORATION

ART (1-16) GROUP
CLAIM LOCATION MAP

MONTANA MOUNTAIN AREA
YUKON TERRITORY

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN : J.R.P.	CHECKED : J.R.P.	PLAN No.
SCALE : 1" = 3000'	DATE : JAN 13, 1980	2



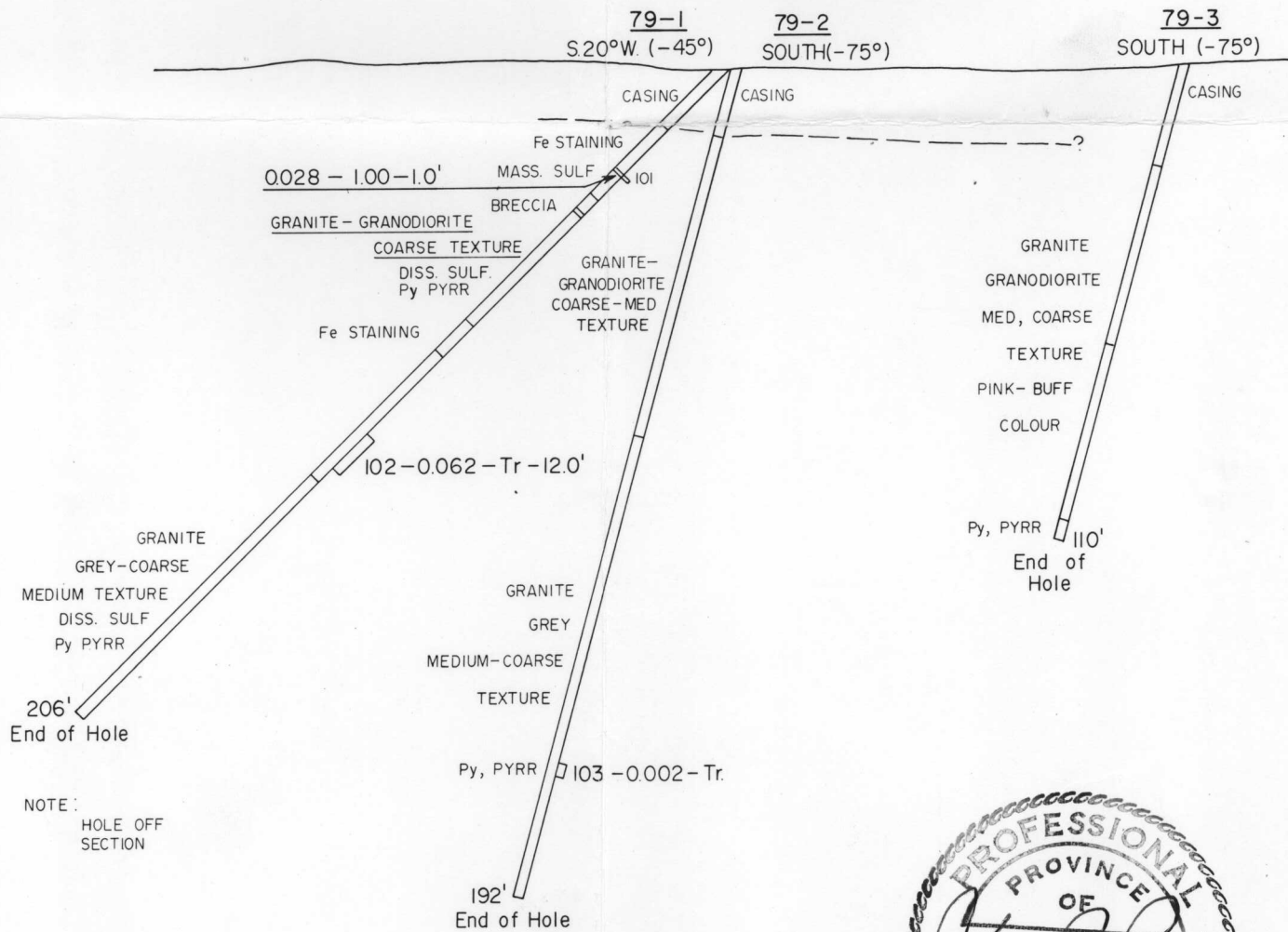
LEGEND

- 1 GRANODIORITE
- 2 VOLCANICS - HITSHI GROUP
- 3 SEDIMENTARY UNITS - LABARGE GROUP
- GEOLOGICAL BOUNDARIES (APPROX.)
- QUARTZ SULFIDE VEIN'S
- o(79-1) LOCATION DIAMOND DRILL HOLES
- CREEK



TRV MINERALS CORPORATION		
ART (1-16) GROUP		
LOCAL GEOLOGY		
MONTANA MOUNTAIN AREA YUKON TERRITORY		
JOHN R. POLONI & ASSOCIATES LTD.		
DRAWN : J.R.P.	CHECKED : J.R.P.	PLAN No.
SCALE : 1" = 1000'	DATE : JAN 13, 1980	3

NOTE : FROM REGIONAL GEOLOGY G.S.C. & J.J. OBERBILLING MARCH, 1975



LEGEND

Py — Pyrite

Pyrr — Pyrrhotite

Sample No.	Au oz/Ton	Ag oz/Ton	Ft.
102	0.062	Tr	12'

TRV MINERALS CORPORATION

ART (I-16) GROUP
D.D.H.'s 79-1, 79-2, 79-3
SECTION LOOKING WEST

MONTANA MOUNTAIN AREA
YUKON TERRITORY

JOHN R. POLONI & ASSOCIATES LTD.

DRAWN : J.R.P.	CHECKED : J.R.P.	PLAN No.
SCALE : 1" = 40'	DATE : JAN. 13, 1980	4