

4181

NADI PROJECT

GEOPHYSICAL, GEOCHEMICAL and GEOLOGICAL REPORT

Nadi, Nadi-M and Ida Claims
Omineca Mining Division, British Columbia

93 E / 14 E

for
Jorex Limited
and
Dome Exploration (Canada) Ltd.

Department of Mines and Petroleum Resources ASSESSMENT REPORT	
NO. 4181	MAP

by
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NADI PROJECT, NADINA LAKE AREA

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NADI PROJECT, NADINA LAKE AREA
Guineca Mining Division, British Columbia

INTRODUCTION

Claims north of Nadina Lake were first acquired for Jorex Limited in 1970. Some geochemical soil sampling done in 1970 was applied for one year of assessment work, and early in 1972 an induced polarization survey done by McPhar Geophysics Limited was submitted for assessment work. In August, 1972 Mr. Andre Audet, a geological engineer, went to the property to do further work including additional line cutting and a magnetometer survey.

Also in August, 1972 Barringer Research Limited, using a helicopter-borne mercury detector, surveyed the region of the Nadi claims and the surrounding area within the large circular structure. After completion of these later two phases of work, a large block of claims (the Ida claims) were staked.

In mid-September 1972 the writer went to the Nadina Lake area to do some geological mapping, further geological sampling, in an attempt to determine the cause of some of the geochemical and geophysical anomalies. At the same time some additional geochemical samples were taken and Mr. Phil Nielsen, geophysicist, did a small EM survey over one of the airborne mercury anomalies. As a result of this work the writer recommended further induced polarization surveys. In October, 1972 additional line cutting, magnetometer survey, induced polarization, and geochemical sampling were done.

The results of all this work have been appraised by the writer, assisted by Mr. Andre Audet and drill targets have been recommended.

LOCATION AND ACCESS

Nadina Lake is on Map Sheet 93E/14 in the Guineca Mining Division, and about fifteen miles by road southwest of Houston, British Columbia. Nadina Lake forms the southern arc of a conspicuous ring of arc-shaped lakes with a diameter of six miles. Johnny David Lake and Hill-Tort Lake are on the north and northeast sides of the ring. The Nadi - Ida claim groups cover most of the ground within this ring of lakes. Geographical centre is on "Camp Lake" at latitude 53°55.5'N, longitude 127°5'W.

The topography is not extremely rugged and most slopes are generally heavily forested with large balsam and spruce, and with jackpine on the drier rocky ridges. The slopes of most of this area are steep but with very little outcrop. However the slopes down into Nadina Lake are somewhat more rugged and have considerable outcrop.

Access to the east end of Nadina Lake is by gravel road from Houston. This road is maintained only in the summer. A small fishing camp is situ-

ated at the east end of Madina Lake; however the facilities are generally reserved for fishermen. Access to the property at present must be by helicopter to one of the little lakes along the central part of the claim groups. For the drilling program it may be feasible to build a four-mile winter access road from the east end of Madina Lake.

GEOLOGY

The Madina Lake area lies about 30 miles northeast of the eastern margin of the Coast Crystalline Complex. It is on the axis of the Skeena Arch.

The ring of arcuate lakes mentioned above is a very conspicuous feature on the topographic maps and on the air photos. This ring of arcuate lakes and drainage patterns is intersected by two major linears, one trending northeasterly and the other trending at right angles northwesterly. The northeastern linear has a string of small lakes along it; also a few small lakes occur along the northwestern linear. These two linears intersect in the central part of the ring structure in the vicinity of a small lake which has been named "Camp Lake".

Rock types in the region have been mapped by Dr. S. Duffell as Hazelton Group. The mapping in the claim area by the writer has shown that most of the rocks are andesitic lavas and pyroclastics. A small area of granitoid rocks on the hill to the east of Camp Lake could possibly be an outlier of the Coast Crystalline Complex or an intrusion of similar origin as the intrusive in the central part of the Sibola Range (about twelve miles to the southwest). Float of light-coloured porphyry with aphanitic or fine-grained phenocrystic matrix has been found and hopefully some intrusive stocks are present. On the southern part of the group, near the west end of Madina Lake, some arkosic rocks occur. The arkoses are probably in fault contact with the andesitic volcanics. An EM anomaly lies along this fault contact and will be discussed later.

Pyrite mineralization is very widespread and occurs over an area at least a mile wide and three miles long trending northeasterly through the central part of the ring structure. Induced polarization anomaly has outlined and delimited the better parts of this pyritic zone. Minor disseminated copper has been found in some rock outcrops. In addition the soil geochemistry indicates the presence of unknown amounts of copper, molybdenum, and zinc.

GEOPHYSICAL RESULTS

Magnetometer Survey

The baseline for the grid system trends northeasterly approximately parallel to the northeastern linear, and the cross-lines are mostly at 800-foot spacing, except in the southwest part of the grid where they are at 400-foot spacing. Magnetometer readings were taken along the grid cross-lines at 100-foot spacing. These readings were corrected for any significant diurnal variation and the results were plotted and contoured by Mr. Andre Audet, geological engineer, under the supervision

of the writer. The resulting magnetic picture shows an area trending northeasterly of anomalous magnetic readings and, in places, quite erratic patterns. The widest portion of this anomaly occurs in the vicinity of Camp Lake.

The magnetic pattern of anomalous values is generally co-extensive with the area of anomalous induced polarization. Thus the magnetic pattern serves to help delimit the area of interest and has indicated that this area of interest is probably largely confined to the Nadi claims and to the adjacent parts of the Ida claims. A small amount of thin section work shows that magnetite is quite common in these rocks. Its distribution within rock specimens and its distribution in the area indicate that it has been either introduced or mobilized by the mineralizing activity.

The detailed variations within this overall magnetic pattern should be of increasing value in interpreting the underlying rock characteristics as information from the diamond drilling accumulates.

Induced Polarization Survey

The induced polarization survey done by McPhar Geophysics Ltd. and the results with the profiles and plans are included in a separate report by Mr. Philip D. Hallor.

The data from the McPhar survey have been studied by J. R. Woodcock Consultants Ltd. and Mr. Andre Audet has plotted the values on a plan and contoured them to attempt to get more detail on the underlying rock characteristics. The contoured maps for metal factor, resistivity, and frequency-effect, are included within this report.

The induced polarization survey has shown a large anomaly trending northeasterly along the bottom of the valley and extending for more than 12,000 feet. It appears to pinch at the northeast end and terminates abruptly at the southwest end. The induced polarization survey has been extensive enough to delimit the long anomalous zone on its northwest side and on its southwest end. A large part of this anomaly also appears delimited on its southeast side. However in the vicinity of Camp Lake the anomaly is widest and could extend beyond the end of the grid lines in a southeasterly direction.

Of particular interest is the elliptical-shaped area of anomalous frequency-effect at the southwest end of this large induced polarization anomaly. This appears to have an arcuate halo of unusually high metal factor on its west, north, and south sides. It also centres on a small lake. Soil values, in the bottom of the valley adjacent to this small lake are anomalous in copper and molybdenum.

Electromagnetic Survey

Mr. Phil Nielsen of Atled Exploration Management Ltd. did an EM survey over a very small grid at the southwest end of the main grid system. The results of this survey are described in a separate report by Mr. Nielsen.

This small EM survey was done in order to try to determine the source of an airborne mercury anomaly located by Barringer Research Ltd. A long EM anomaly extending the full length of the small grid and trending parallel to the baseline in a northwesterly direction was detected. Mr. Phil Nielsen suggests the possibility of a fault zone possibly carrying some sulphides. Mapping by the writer has shown that the anomaly, which lies adjacent to a creek, is at the contact between arkosic rocks on the southwest side of the creek and andesitic volcanic rocks on the northeast side of the creek. This fits with the fault interpretation by Nielsen.

GEOCHEMICAL SURVEY

The accompanying maps of the soil geochemistry are a compilation of previous data and new data. The previous data is from assessment reports already filed by J. R. Woodcock in 1970, and a few geochemical results previously filed by Keneco Explorations (Western) Limited. New work done in 1972 includes the limited area at the southwest end of the induced polarization anomaly centred on a small lake which is herein called "Copper Pond".

A restricted area of somewhat subdued anomalous copper and molybdenum values occurs on both sides of Copper Pond. Ordinarily this would not be considered an outstanding anomaly; however in view of its location with respect to the induced polarization patterns and in view of the probable deep overburden (as interpreted from the induced polarization results) this geochemical anomaly is quite interesting.

CONCLUSIONS AND RECOMMENDATIONS

The geological, geophysical, and geochemical data described above, when in combination, present an interesting area which warrants further investigation for a possible porphyry copper deposit. The drill program should first check the interesting anomalous feature adjacent to Copper Pond at the southwest end of the induced polarization anomaly. A minimum of 2000 feet of diamond drilling is recommended for this. If the results are encouraging then further drilling will be necessary. The results of this initial drilling should be useful in helping select additional drill targets within the large geophysically anomalous and highly pyritized zone.

The EM anomaly to the southwest of the main grid appears to be of little economic significance at this time and further work on it is not recommended.

Quotes on diamond drilling are being obtained. If one can do the drilling job in the winter and use Madina Lake as an access route then the drilling should be much cheaper than doing the work in the summer and using a helicopter for mobilization.



J. R. Woodcock

January 22, 1973

Omineca Mining Division

Claim Data

Nadi 1/20; 28/29

<u>NAME</u>	<u>TAG NUMBER</u>	<u>RECORD NUMBER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>	<u>EXPIRY DATE</u>
Nadi #1	891215	90924	June 26/70	July 8, 1970	
#2	891216	90925	June 26/70	July 8, 1970	
#3	891219	90926	June 26/70	July 8, 1970	
#4	891220	90927	June 26/70	July 8, 1970	
#5	891221	90928	June 26/70	July 8, 1970	
#6	891222	90929	June 26/70	July 8, 1970	
#7	891223	99030	June 26/70	July 8, 1970	
#8	891224	99031	June 26/70	July 8, 1970	
#9	891225	90932	June 26/70	July 8, 1970	
#10	891226	90933	June 26/70	July 8, 1970	
#11	891227	90934	June 26/70	July 8, 1970	
#12	891228	90935	June 26/70	July 8, 1970	
#13	891229	90936	June 27/70	July 8, 1970	
#14	891230	90937	June 27/70	July 8, 1970	
Nadi #15	891243	90938	June 27/70	July 8, 1970	
#16	891244	90939	June 27/70	July 8, 1970	
#17	891245	90940	June 27/70	July 8, 1970	
#18	891246	90941	June 27/70	July 8, 1970	
Nadi #19	891233	90942	June 29/70	July 8, 1970	
Nadi #20	891234	90943	June 29/70	July 8, 1970	
Nadi #28	891232	90944	June 29/70	July 8, 1970	
Nadi #29	891231	90945	June 29/70	July 8, 1970	

Note: Claims staked by Robert J. McKay, agent for Jorex Limited

CLAIM DATANADI

<u>NAME</u>	<u>TAG NUMBER</u>	<u>RECORD NUMBER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>	<u>EXPIRY DATE</u>
Nadi	#30	295321M	115109	August 19/72	September 1/72
	#31	295322M	115110	August 19/72	September 1/72
	#32	295323M	115111	August 19/72	September 1/72
	#33	295324M	115112	August 19/72	September 1/72
	#34	295325M	115113	August 19/72	September 1/72
	#35	295326M	115114	August 19/72	September 1/72
	#36	295327M	115115	August 19/72	September 1/72
	#37	295328M	115116	August 19/72	September 1/72
	#38	295329M	115117	August 19/72	September 1/72
	#39	295330M	115118	August 19/72	September 1/72
	#40	295331M	115119	August 19/72	September 1/72
	#41	295332M	115120	August 19/72	September 1/72
	#42	295333M	115121	August 19/72	September 1/72
	#43	295334M	115122	August 19/72	September 1/72
	#44	295335M	115123	August 19/72	September 1/72
	#45	295336M	115124	August 19/72	September 1/72
	#46	295337M	115125	August 19/72	September 1/72
	#47	295338M	115126	August 19/72	September 1/72
	#48	295339M	115127	August 19/72	September 1/72
	#49	295340M	115128	August 19/72	September 1/72
	#50 Fr.	295345M	115129	August 28/72	September 1/72
	#51 Fr.	295341M	115130	August 27/72	September 1/72
	#52	295342M	115131	August 27/72	September 1/72
Nadi	#53 Fr.	295343M	115132	August 27/72	September 1/72

NOTE: Claims staked by Marvin Currey, agent for Jorex Limited

Omineca Mining Division

Map Sheet 93E

Data re Nadi-M Claims

<u>NAME</u>	<u>RECORD No.</u>	<u>TAG NO.</u>	<u>STAKER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>	<u>EXPIRY DATE</u>
Nadi-M #1	113107	361591M	Marvin Currey	June 30, 1972	July 7, 1972	
#2	113108	361592M	Marvin Currey	June 30, 1972	July 7, 1972	
#3	113109	361593M	Marvin Currey	June 30, 1972	July 7, 1972	
#4	113110	361594M	Marvin Currey	June 30, 1972	July 7, 1972	
#5	113111	361595M	Marvin Currey	June 30, 1972	July 7, 1972	
#6	113112	361596M	Marvin Currey	June 30, 1972	July 7, 1972	
#7	113113	361597M	Marvin Currey	June 30, 1972	July 7, 1972	
#8	113114	361598M	Marvin Currey	June 30, 1972	July 7, 1972	

Claim Data
IDA

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>STAKER OR OWNER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>
Ida # 1	116512	358101M	Wychopen for Jorex	Sept. 9/72	Sept. 27/72
2	116513	358102M	" " "	" "	" "
3	116514	358103M	" " "	" "	" "
4	116515	358104M	" " "	" "	" "
5	116516	358105M	" " "	" "	" "
6	116517	358106M	" " "	" "	" "
7	116518	358107M	" " "	" "	" "
8	116519	358108M	" " "	" "	" "
9	116520	358109M	" " "	" "	" "
Ida 10	116521	358110M	" " "	" "	" "
Ida 11	116522	358111M	" " "	Sept. 10/72	" "
12	116523	358112M	" " "	" "	" "
13	116524	358113M	" " "	" "	" "
14	116525	358114M	" " "	" "	" "
15	116526	358115M	" " "	" "	" "
16	116527	358116M	" " "	" "	" "
17	116528	358117M	" " "	" "	" "
18	116529	358118M	" " "	" "	" "
19	116530	358119M	" " "	" "	" "
20	116531	358120M	" " "	" "	" "
21	116532	358121M	" " "	" "	" "
22	116533	358122M	" " "	" "	" "
23	116534	358123M	" " "	Sept. 9/72	Sept. 27/72
24	116535	358124M	" " "	" "	" "
25	116536	358125M	" " "	" "	" "
26	116537	358126M	" " "	" "	" "
27	116538	358127M	" " "	" "	" "
Ida 28	116539	358128M	" " "	" "	" "
Ida 29	116400	358129M	J. Shaw for Jorex	Sept. 10/72	Sept. 20/72
30	116401	358130M	" " "	" "	" "
31	116402	358131M	" " "	" "	" "
32	116403	358132M	" " "	" "	" "
Ida 33	116404	358133M	" " "	" "	" "

Claim Data
IDA
Omineca Mining Div.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>STAKER OR OWNER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>
IDA #34	116405	358134M	Shaw/Jorex	Sept. 10/72	Sept. 20/72
35	116406	358135M	" "	" "	" "
36	116407	358136M	" "	" "	" "
37	116408	358137M	" "	" "	" "
38	116409	358138M	" "	" "	" "
39	116410	358139M	" "	" "	" "
40	116411	358140M	" "	" "	" "
41	116412	358141M	" "	" "	" "
42	116413	358142M	" "	" "	" "
43	116414	358143M	" "	" "	" "
44	116415	358144M	" "	" "	" "
IDA 45	116540	358145M	Wychopen/Jorex	Sept. 11/72	Sept. 27/72
46	116541	358146M	" "	" "	" "
47	116542	358147M	" "	" "	" "
48	116543	358148M	" "	" "	" "
49	116544	358149M	" "	" "	" "
50	116545	358150M	" "	" "	" "
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52	116547	358152M	" "	" "	" "
53	116548	358153M	" "	" "	" "
54	116549	358154M	" "	" "	" "
55	116550	358155M	" "	" "	" "
56	116551	358156M	" "	" "	" "
57	116552	358157M	" "	" "	" "
58	116553	358158M	" "	" "	" "
59	116554	358159M	" "	" "	" "
60	116555	358160M	" "	" "	" "
Ida 61	116416	358161M	Shaw/Jorex	" "	Sept. 20/72
62	116417	358162M	" "	" "	" "
63	116418	358163M	" "	" "	" "
64	116419	358164M	" "	" "	" "
65	116420	358165M	" "	" "	" "
66	116421	358166M	" "	" "	" "
67	116422	358167M	" "	" "	" "
68	116423	358168M	" "	" "	" "
Ida 69	116424	358169M	" "	" "	" "

Claim Data
IDA
 Omineca Mining Div.

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>STAKER OR OWNER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>
Ida #70	116425	358170M	Shaw for Jorex	Sept. 11/72	Sept. 20/72
71	116426	358171M	" "	" "	" "
72	116427	358172M	" "	" "	" "
73	116428	358173M	" "	" "	" "
74	116429	358174M	" "	" "	" "
75	116430	358175M	" "	" "	" "
76	116431	358176M	" "	" "	" "
Ida 77	116556	358177M	Wychopen for Jorex	Sept. 12/72	Sept. 27/72
78	116557	358178M	" "	" "	" "
79	116558	358179M	" "	" "	" "
80	116559	358180M	" "	" "	" "
81	116560	358181M	" "	" "	" "
82	116561	358182M	" "	" "	" "
83	116562	358183M	" "	" "	" "
84	116563	358184M	" "	" "	" "
85	116564	358185M	" "	" "	" "
86	116565	358186M	" "	" "	" "
87	116566	358187M	" "	" "	" "
88	116567	358188M	" "	" "	" "
89	116568	358189M	" "	" "	" "
90	116569	358190M	" "	" "	" "
91	116570	358191M	" "	" "	" "
92	116571	358192M	" "	" "	" "
93	116432	358193M	Shaw for Jorex	" "	Sept. 20/72
94	116433	358194M	" "	" "	" "
95	116434	358195M	" "	" "	" "
96	116435	358196M	" "	" "	" "
97	116436	358197M	" "	" "	" "
98	116437	358198M	" "	" "	" "
99	116438	358199M	" "	" "	" "
Ida 100	116439	358200M	" "	" "	" "
101	116440	358201M	" "	" "	" "
Ida 102	116441	358202M	" "	" "	" "

Claim Data
IDA

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>STAKER OR OWNER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>
Ida #103	116442	358203M	Shaw for Jorex	Sept. 12/72	Sept. 20/72
104	116443	358204M	" "	" "	" "
105	116444	358205M	" "	" "	" "
106	116445	358206M	" "	" "	" "
107	116572	358207M	Wychopen for Jorex	Sept. 13/72	Sept. 27/72
108	116573	358208M	" "	" "	" "
109	116574	358209M	" "	" "	" "
110	116575	358210M	" "	" "	" "
111	116576	358211M	" "	" "	" "
112	116577	358212M	" "	" "	" "
113	116578	358213M	" "	" "	" "
114	116579	358214M	" "	" "	" "
115	116580	358215M	" "	" "	" "
116	116581	358216M	" "	" "	" "
117	116446	358217M	Shaw for Jorex	" "	Sept. 20/72
118	116447	358218M	" "	" "	" "
119	116448	358219M	" "	" "	" "
120	116449	358220M	" "	" "	" "
121	116450	358221M	" "	" "	" "
122	116451	358222M	" "	" "	" "
123	116452	358223M	" "	" "	" "
124	116453	358224M	" "	" "	" "
125	116454	358225M	" "	" "	" "
126	116455	358226M	" "	" "	" "
127	116456	358227M	" "	" "	" "
128	116457	358228M	" "	" "	" "
129	116458	358229M	" "	Sept. 16/72	" "
130	116459	358230M	" "	Sept. 16/72	" "
131	116460	358231M	" "	" "	" "
132	116461	358232M	" "	" "	" "
133	116462	358233M	" "	" "	" "
134	116463	358234M	" "	" "	" "
135	116464	358235M	" "	" "	" "
136	116465	358236M	" "	" "	" "
137	116466	358237M	" "	" "	" "
Ida 138	116467	358238M	" "	" "	" "

Claim Data
IDA

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>STAKER OR OWNER</u>	<u>DATE STAKED</u>	<u>DATE RECORDED</u>
Ida #139	116468	358239M	Shaw for Jorex	Sept. 16/72	Sept. 20/72
140	116469	358240M	" "	" "	" "
Ida 141	116582	358241M	Wychopen for Jorex	Sept. 18/72	Sept. 27/72
142	116583	358242M	" " "	" "	" "
143	116584	358243M	" " "	" "	" "
144	116585	358244M	" " "	" "	" "
145	116586	358245M	" " "	" "	" "
146	116587	358246M	" " "	" "	" "
147	116588	358247M	" " "	" "	" "
148	116589	358248M	" " "	" "	" "
149	116590	358249M	" " "	" "	" "
150	116591	358250M	" " "	" "	" "
151	116592	358251M	" " "	" "	" "
152	116593	358252M	" " "	" "	" "
153	116594	358253M	" " "	Sept. 19/72	" "
154	116595	358254M	" " "	" "	" "
155	116596	358255M	" " "	" "	" "
156	116597	358256M	" " "	" "	" "
157	116598	358257M	" " "	" "	" "
158	116599	358258M	" " "	" "	" "
159	116600	358259M	" " "	" "	" "
160	116601	358260M	" " "	" "	" "
161	116602	358261M	" " "	" "	" "
162	116603	358262M	" " "	" "	" "
163	116604	358263M	" " "	" "	" "
164	116605	358264M	" " "	" "	" "
165	116606	358265M	" " "	" "	" "
166	116607	358266M	" " "	" "	" "
Ida 167	117783	358267M	" " "	Oct. 23/72	Oct. 26/72
168	117784	358268M	" " "	Oct. 23/72	Oct. 26/72
169	117785	358269M	" " "	" "	" "
170	117786	358270M	" " "	" "	" "
171	117787	358271M	" " "	" "	" "
Ida 172	117788	358272M	" " "	Oct. 23/72	Oct. 26/72

STATEMENT OF COSTS
NADI PROJECT

WAGES

A. J. Audat

Aug. 14 to 26	13	days	
Aug. 27 to Sept. 1	6	"	
Sept. 5 to 7	3	"	
Sept. 26	1	"	
Nov. 16 to 17	2	"	
Nov. 20 to 24	5	"	
Nov. 27 to 30	5	"	
December 21	1	"	
	<u>36</u>	days @ \$85/day	\$ 3,060.00

T. Drews

Sept. 5 to 8	2 $\frac{1}{2}$	"	
Sept. 18 to 20	3	"	
Sept. 25 to 29	3 $\frac{1}{2}$	"	
Oct. 2 to 6	4	"	
Oct. 12 to 13	2	"	
Nov. 21 to 24	4	"	
Nov. 27 to Dec. 1	5	"	
Dec. 4 to 13	1	"	
	<u>21</u>	days @ \$40/day	\$ 840.00

G. Beyko

Oct. 6 to 25	20	days @ \$50/day	\$ 1,000.00
--------------	----	-----------------	-------------

M. Currey

August 15 to 18	4	days	
Aug. 20 to 26	7	"	
Aug. 29	1	"	
	<u>12</u>	days @ \$50/day	\$ 600.00

H. Hong

Aug. 20 to 30	11	days @ \$50/day	\$ 550.00
---------------	----	-----------------	-----------

D. Duncan

Oct. 6 to 25	20	days @ \$50/day	\$ 1,000.00
--------------	----	-----------------	-------------

M. Mayberry

Aug. 17 to 30	14	days @ \$50/day	\$ 700.00
---------------	----	-----------------	-----------

N. Nychopen

Sept. 15 (EM)	1	day	
Sept. 26 "	1	day	
Oct. 5 to 25	21	"	
	<u>23</u>	days @ \$50/day	\$ 1,150.00

J. R. Woodcock

Sept. 6	1	day	
14	1	"	
20	1	"	
26	1	"	
28	1	"	

Nadi Project
Statement of Costs cont'd

J. R. Woodcock (Wages) cont'd
 Oct. 2, 3, 4, 5, 19, 29 ($\frac{1}{2}$ day each)
 Nov. 24, 27 ($\frac{1}{2}$ day each)

3 days			
$\frac{1}{2}$	"	@ \$150/day	\$ 1,125.00
$\frac{1}{2}$	"		
		Total Wages	<u>\$ 10,025.00</u>

J. R. WOODCOCK CONSULTANTS LTD.
DISBURSEMENTS

Helicopters and Planes	\$ 2,270.55	
Equipment Rentals and Repairs	870.93	
Geochemical Analyses	925.05	
Road Transportation	745.90	
Maps, Printing, Engineering Supplies	190.22	
Geophysical Contracts	937.92	
Misc. Camp Supplies	426.13	
Food and Accommodation	<u>1,442.58</u>	\$ 7,809.28

McPHAR GEOPHYSICS LIMITED INVOICES

Invoice #016410 - December 29, 1972	\$ 6,727.39	
Invoice #016472 - January 12, 1973	<u>728.51</u>	\$ 7,455.90

TOTAL COSTS		<u>\$ 25,290.18</u>
--------------------	--	---------------------

MCPHAR GEOPHYSICS LIMITED

PHONE 449-5551
TORONTO AREA CODE 416

139 BOND AVENUE, DON MILLS, ONTARIO, CANADA

CABLE-MCPHAR
TORONTO

December 29, 1972

Invoice #G16410

Jorex Limited,
Suite 904,
85 Richmond Street West,
Toronto 1, Ontario.

Attention: Mr. N.H. Fraser

REFERENCE: IP Survey - Nadina Lake Area, Omineca Mining Division, B.C.
Under terms of Contract #V1017

Crew: J. Parker & K. Hoeberg

Nadi Claim - Oct. 20 - Nov. 3/72

12 days	Operating (prorated @ $12/25\frac{1}{2} \times \6585.00)		\$3,098.95
$1\frac{1}{2}$ days	Travel) 2 days @ \$100.00/day		200.00
$\frac{1}{2}$ day	Bad Weather)		
$\frac{1}{2}$ day	Off) 1 day		N.C.
$\frac{1}{2}$ day	Breakdown)		

Ida Claim - Nov. 4 - 13/72

$4\frac{1}{2}$ days	Operating (prorated @ $4\frac{1}{2}/25\frac{1}{2} \times \6585.00)		1,162.05
$\frac{1}{2}$ day	Travel)		
3 days	Standby) $4\frac{1}{2}$ days @ \$100.00/day		450.00
1 day	Prep.)		
1 day	Off		N.C.

C/Forward... \$4,911.00

Jorex Limited

B/Forward...

\$4,911.00

Crew Expenses

Nadi Claim - (prorated @ $12/25\frac{1}{2}$ x \$1351.93)

Vehicle Expense	258.46
Meals & Accommm.	306.10
Telephone & Telegraph	10.72
Supplies	<u>60.96</u>
	636.24
Plus 10%	<u>63.62</u>

699.86

Extra Labour (prorated @ $12/25\frac{1}{2}$ x \$1100.00) \$517.65

Plus 20% 103.53

621.18

Ida Claim - (prorated @ $4\frac{1}{2}$ x \$1351.93)

Vehicle Expense	96.92
Meals & Accommm.	114.78
Telephone & Telegraph	4.01
Supplies	<u>22.85</u>
	238.56
Plus 10%	<u>23.86</u>

262.42

Extra Labour - (prorated @ $4\frac{1}{2}/25\frac{1}{2}$ x \$1100.00) \$194.11

Plus 20% 38.82

232.93

\$6,727.39

McPHAR GEOPHYSICS LIMITED

L. M. Woods

LMB:sb

for L.M. Braid (Mrs.)

Nadina assessment file

McPHAR GEOPHYSICS LIMITED

PHONE 449-5551
TORONTO AREA CODE 416

139 BOND AVENUE, DON MILLS, ONTARIO, CANADA

CABLE-McPHAR
TORONTO

January 12, 1973
Invoice No. G 16472

Jorex Limited,
Suite 904 - 85 Richmond Street West,
Toronto 1, Ontario.

Attention: Mr. N.H. Fraser

REFERENCE:- IP Survey - Nadina Lake Area
Under terms of Contact #V1017

Charges received in December, 1972

Expenses

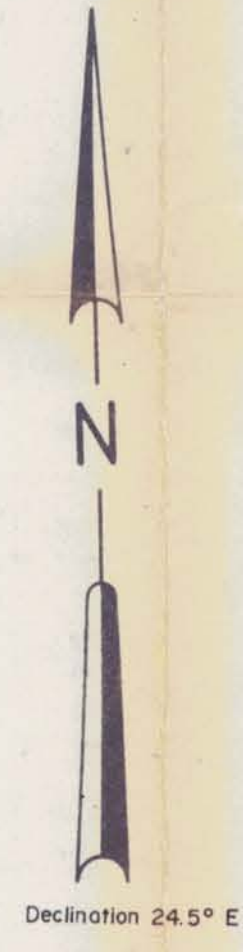
Telephone and Telegraph	7.74	
+ 10%	.77	
	<hr/>	\$ 8.51
 <u>Extra Labour:</u>	600.00	
+ 20%	120.00	
	<hr/>	720.00
		<hr/>
		<u>\$728.51</u>

McPHAR GEOPHYSICS LIMITED

L. M. Braid

L.M. Braid (Mrs.)

LMB:mh



To accompany report on
Nadi 1 to 53
Nadi-M 1 to M6
Ira 1 to 171
Oniseck Mining Division
January 23, 1973

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4181 Map #1

J.R. Woodcock

LEGEND

□	-600 Gamma
□	-600 to -200
□	-200 to +200
□	+200 to +600
□	+600 to +1000
□	+1000

4181M-1

NE. MAP

JOEX LTD.

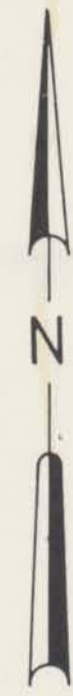
NADI PROJECT

MAGNETOMETER SURVEY

Scale: 1:5000

J.R. WOODCOCK CONSULTANTS LIMITED

MAP No. Figure No. 1



LEGEND

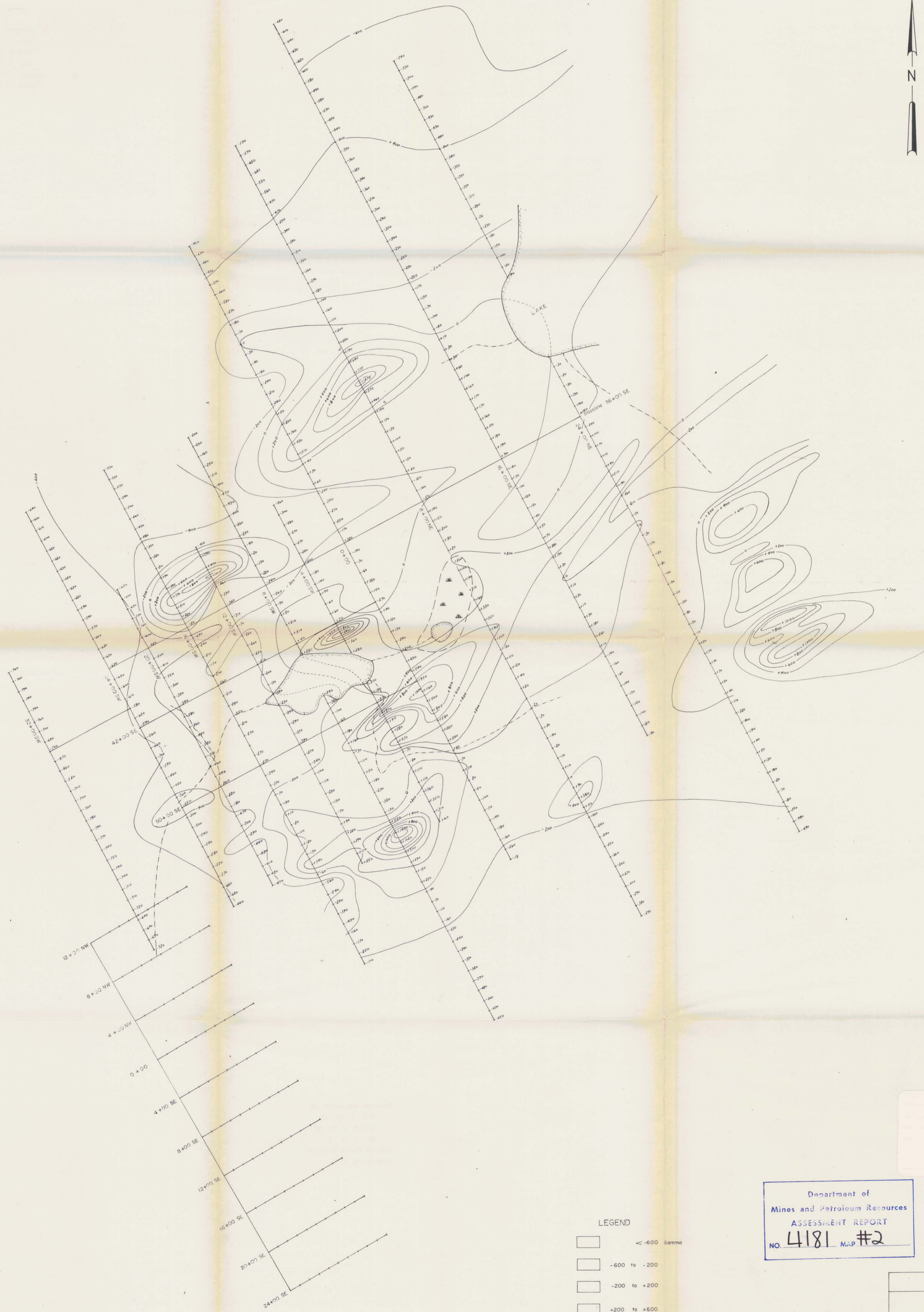
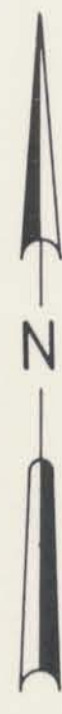
	< 4 Mo in ppm
	4 - 8
	> 8

To accompany report on
Nadi 1 to 53
Nadi-M 1 to M8
Ida 1 to 171
Omineca Mining Division
January 23, 1973



Department of
Mines and Geological Resources
ASSESSMENT REPORT
NO. 4181 MAP #10

SW MAP	
JOREX LIMITED	
NADI PROJECT	
MOLYBDENUM	
Scale 0 200 400 ft	
JR Woodcock Consultants Ltd.	
Interpretation - A.Audet	
Project No -	1972 Figure No -10



LEGEND

[White box]	< -600 gamma
[Light gray box]	-600 to -200
[Medium gray box]	-200 to +200
[Dark gray box]	+200 to +600
[Very dark gray box]	+600 to +1000
[Black box]	> +1000

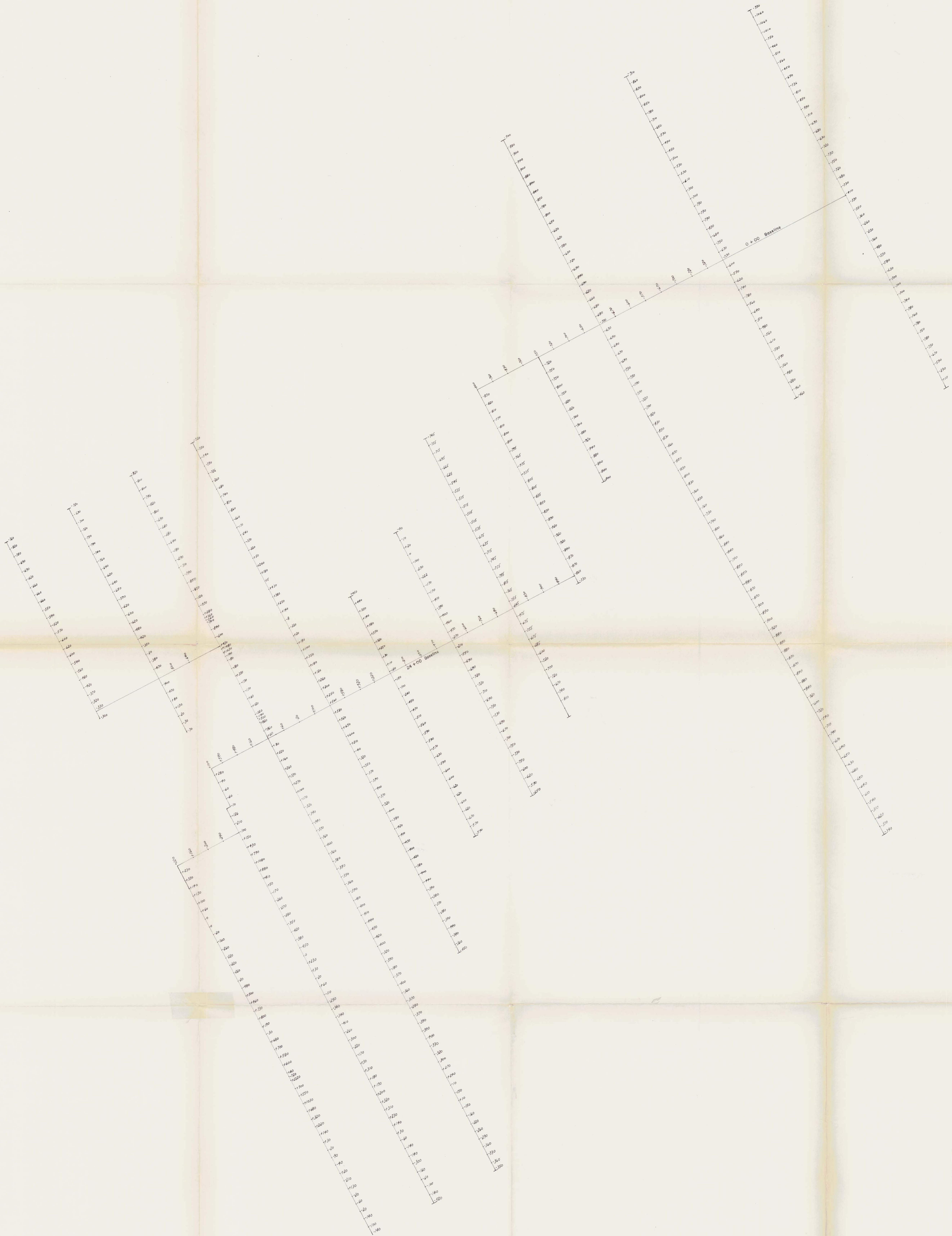
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4181 M.P. #2

To accompany report on
Nadi 1 to 53
Nadi-M 1 to M6
Ida 1 to 171
Omineca Mining Division
January 23, 1973

J.R. Woodcock

S.W. MAP

JOREX LIMITED	
NADI PROJECT	
MAGNETOMETER SURVEY	
Scale 1:4000	
JR. Woodcock Consultants Ltd.	
Field Work - N. Wychopen	Interpretation - A. Audet
Project No. - 1972	Figure No. - 2



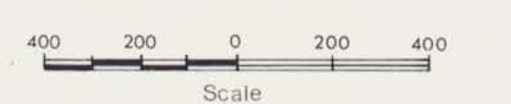
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO 4181 MAP #1A

NE SECTION

JOREX LIMITED

NADI PROJECT

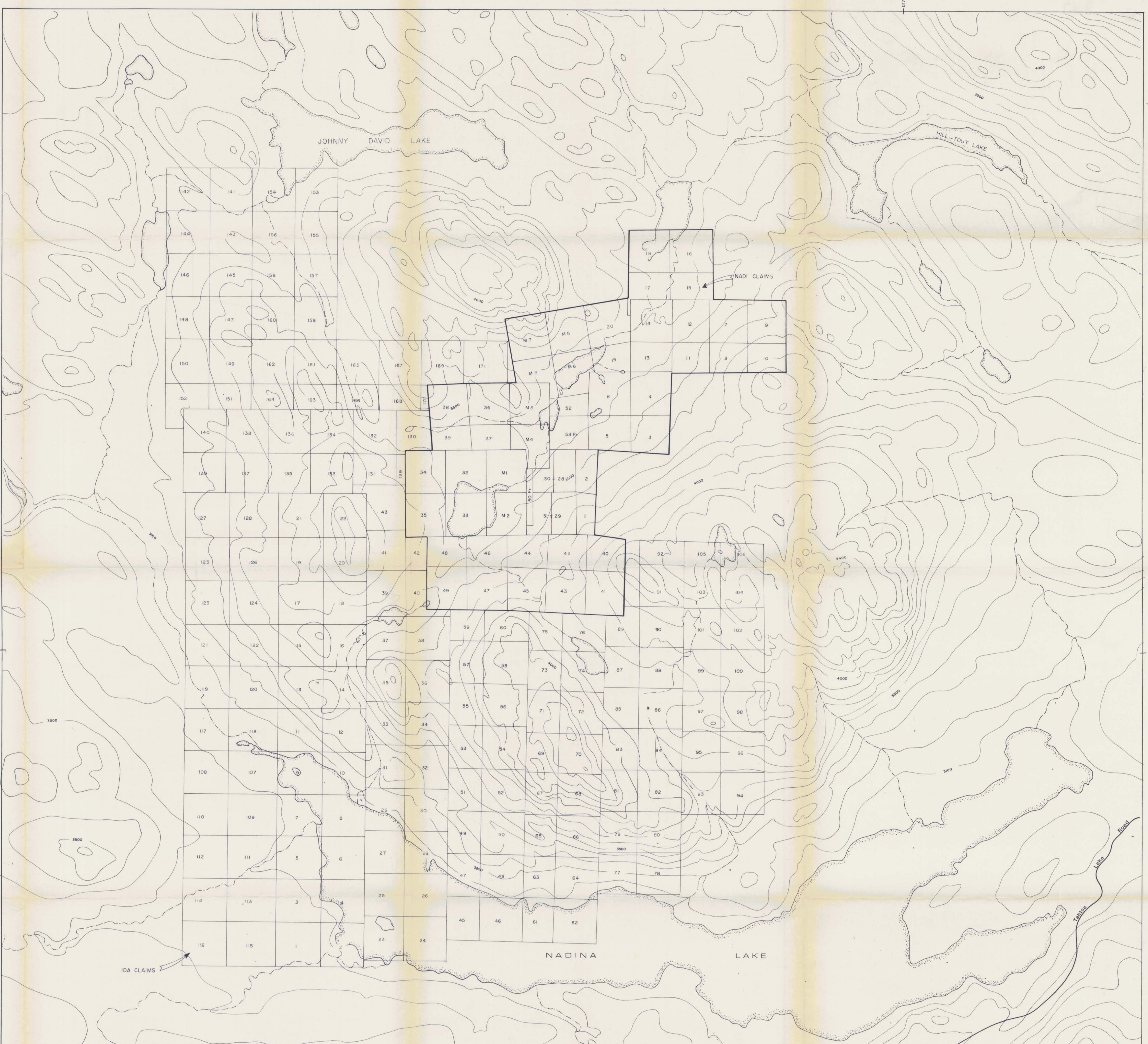
MAGNETOMETER SURVEY



J R WOODCOCK CONSULTANTS LIMITED

MAP No - FIG No -

Declination 243 E

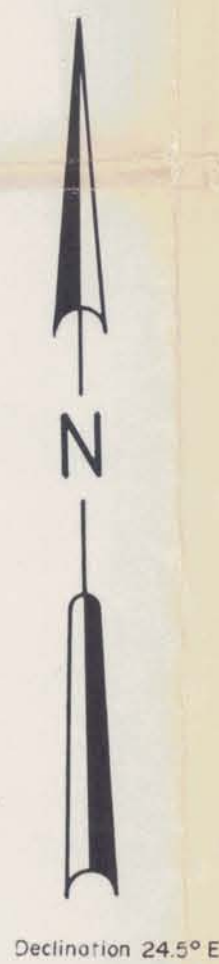


To accompany report
 on Nadi 1 to 53
 Nadi-M 1 to M8
 Ida 1 to 171
 Omineca Mining Division
 January 23, 1973

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4181 MAP #12



JOREX LIMITED
 NADI PROJECT
CLAIM MAP
 1:20 0 400 800 1200 ft.
 J.R. WOODCOCK CONSULTANTS LIMITED
 Project No. 1972 Figure No. 12



Declination 24.5° E



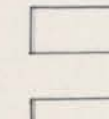
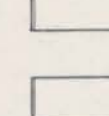
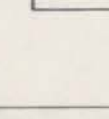


Date From:
JR Woodcock Consultants Ltd (1970, 1973)
Keneco Explorations Ltd (1968)

To accompany report on
Nadi 1 to 53
Nadi-M 1 to M6
IAs 1 to 171
Omineca Mining Division
January 23, 1973



LEGEND

-  < 60 Cu in ppm
-  60 - 120
-  120 - 240
-  240 - 480
-  > 480

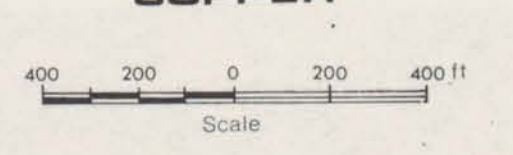
Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
No. 4181 Map #11

NE MAP

JOREX LTD

NADI PROJECT

COPPER








Scale

JR WOODCOCK CONSULTANTS LIMITED

MAP No. Figure No. 11



LEGEND

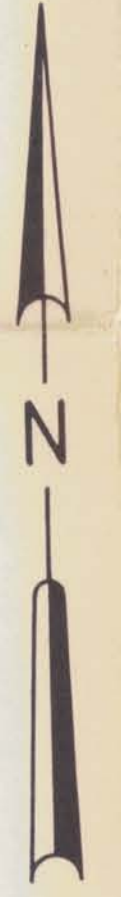
-  < 60 Cu in ppm
-  60-120
-  120-240
-  240-480
-  > 480

To accompany report on
 Nadi 1 to 53
 Nadi-M 1 to M8
 Ida 1 to 171
 Omineca Mining Division
 January 23, 1973



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4181 MAP #9

JOREX	LIMITED
NADI	PROJECT
COPPER	
Scale 400 200 0 200 400 ft	
JR Woodcock Consultants Ltd.	
Interpretation - AAudet	
Project No. - 1972	Figure No. - 9



To accompany report on
Nadi 1 to 53
Nadi-M 1 to M8
Yds 1 to 171
Omineca Mining Division
January 23, 1973

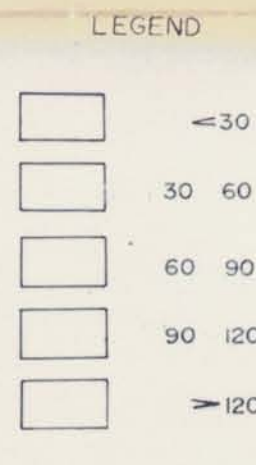
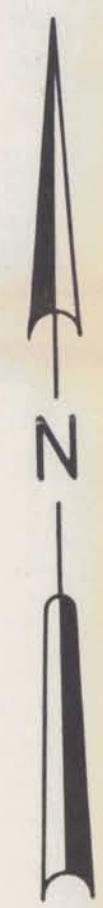
Department of
Mines and Petroleum Resources
A. S. S. REPORT
NO. 4181 M-P #5

Note: Data from McPhar Geophysics, June 1972
Interpretation by A. Audette & J. R. Woodcock
Consultants Ltd.
Electrode Configuration N-2

LEGEND

[Symbol]	<10
[Symbol]	100-300
[Symbol]	300-500
[Symbol]	500-700
[Symbol]	700+

JOREX
NADI
INDUCED
(Meta)
400 300
J. R. WOODCOCK
MAP No.



To accompany report on
Nadi 1 to 53
Nadi-M 1 to M8
Ida 1 to 171
Omineca Mining Division
January 23, 1973

Department of
Mines and Petroleum Resources
ANNUAL REPORT
NO. 4181 MAP #3



NE MAP
JOREX LTD
NADI PROJECT
RESISTIVITY
(Ohm feet / 2 T)
400 200 0 200 400 ft
Scale
J.R. WOODCOCK CONSULTANTS LIMITED
MAP No. Figure No. 3

Note: Data from McPhar Geophysics, June 1972
Interpretation by J. Auler (J.R. Woodcock
Consultants Ltd)
Electrode Configuration N-2



NOTE: Data from McPhar Geophysics Ltd Nov 1972
 Interpretation by A Auder (JR Woodcock Consultants Ltd)
 Values on all but lines 42+00 SE and 50+00 SE are
 taken from electrode spacing of 300ft at N=2 using
 a dipole-dipole array
 Values on lines 42+00 SE and 50+00 SE are taken
 from electrode spacing of 200ft at N=3

To accompany report
 on Nadi 1 to 53
 Nadi-M 1 to M6
 Ida 1 to 171
 Omineca Mining Division
 January 23, 1973

JR Woodcock
 SW MAP

LEGEND

□	< 30 Ohm feet
□	30-60
□	60-90
□	90-120
□	> 120

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4181 MAP #4

JOREX LIMITED	
NADI PROJECT	
RESISTIVITY N=2	
Scale 0 200 400ft	
JR Woodcock Consultants Ltd	
Project No. -	1972
Figure No. -	4



NOTE: Data from McPhar Geophysics Ltd. Nov 1972
Interpretation by A. Audet (JR Woodcock Consultants Ltd.)
Values on all but lines 42+00 SE and 50+00 SE are taken from electrode spacing of 300m at N=2 using a dipole-dipole array.
Values on lines 42+00 SE and 50+00 SE are taken from electrode spacing of 200m at N=3.

To accompany report on
Nadi 1 to 53
Nadi-M 1 to M8
Idea 1 to 171
Omineca Mining Division
January 23, 1973

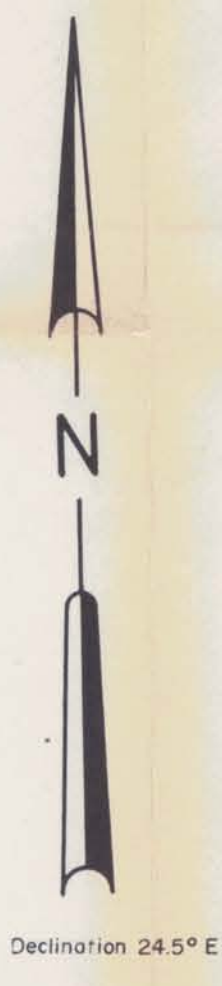


LEGEND

□	< 10 %
□	10-12
□	12-14
□	> 14

Department of
Mines and Technical Resources
ASSESSMENT REPORT
NO. 4181 M.P. #8

SW. MAP	
JOREX	LIMITED
NADI	PROJECT
FREQUENCY	EFFECT
Scale 400 200 0 200 400ft	
JR Woodcock Consultants Ltd.	
Project No -	1972
Figure No - 8	



Note - Data from McPhar Geophysics Ltd Feb 1972
 Interpretation by A. Audet (J.R. Woodcock Consultants Ltd)
 Values on lines taken from electrode spacing of 300m of size
 using a Dipole - Dipole array

To accompany report on
 Nadi 1 to 53
 Nadi-M 1 to 18
 Ida 1 to 171
 Omineca Mining Division
 January 23, 1973



- LEGEND
- < 10 %
 - 10 - 12
 - 12 - 14
 - > 14

Department of
 Mines and Technical Surveys
 ASSESSMENT REPORT
 NO. 4181 MAP #7

NE MAP

JOREX LTD

NADI PROJECT

FREQUENCY EFFECT

400 300 0 300 400 ft
 Scale

J R WOODCOCK CONSULTANTS LIMITED

MAP No. Figure No-7



NOTE: Data from McPhar Geophysics Ltd Nov 1972
Interpretation by A Audet (JR Woodcock Consultants Ltd)
Values on all but lines 42+00 SE and 50+00 SE are
taken from electrode spacing of 300m at W2 using
a dipole-dipole array.
Values on lines 42+00 SE and 50+00 SE are taken
from electrode spacing of 200m at N23

To accompany report
on Nadi 1 to 53
Nadi-M 1 to M6
Ida 1 to 171
Omineca Mining Division
January 23, 1973



LEGEND

- < 100
- 100-300
- 300-500
- 500-700
- > 700

Department of
Mineral and Technical Resources
ANNUAL REPORT
NO. 4181 MAP #6

SW MAP

JOREX	LIMITED
NADI	PROJECT
METAL	FACTOR
Scale: 400 200 0 200 400ft	
J.R. Woodcock Consultants Ltd.	
Project No -	1972
Figure No - 6	