Report On The 82F/3W

NESS 1-8 MINERAL CLAIMS
NELSON MINING DIVISION
TRAIL DISTRICT
BRITISH COLUMBIA

For

Abella Resources Ltd (N.P.L.)
534-789 West Pender Street
Vancouver, B.C.

By

Donald W. Tully, P.Eng.
December 1, 1971

3392

For

Abella Resources Ltd (N.P.L.)
534-789 West Pender Street
Vancouver, B.C.

By

Donald W. Tully, P.Eng.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
D. W. TULLY

December 1, 1971 West Vancouver, B.C.

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MAPS

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TELEPHONE (604) 926-3715

SUMMARY AND CONCLUSIONS

Sediments and granodiorite intrusives underlie the Ness claims. Quartz veins and chalcopyrite mineralization was noted.

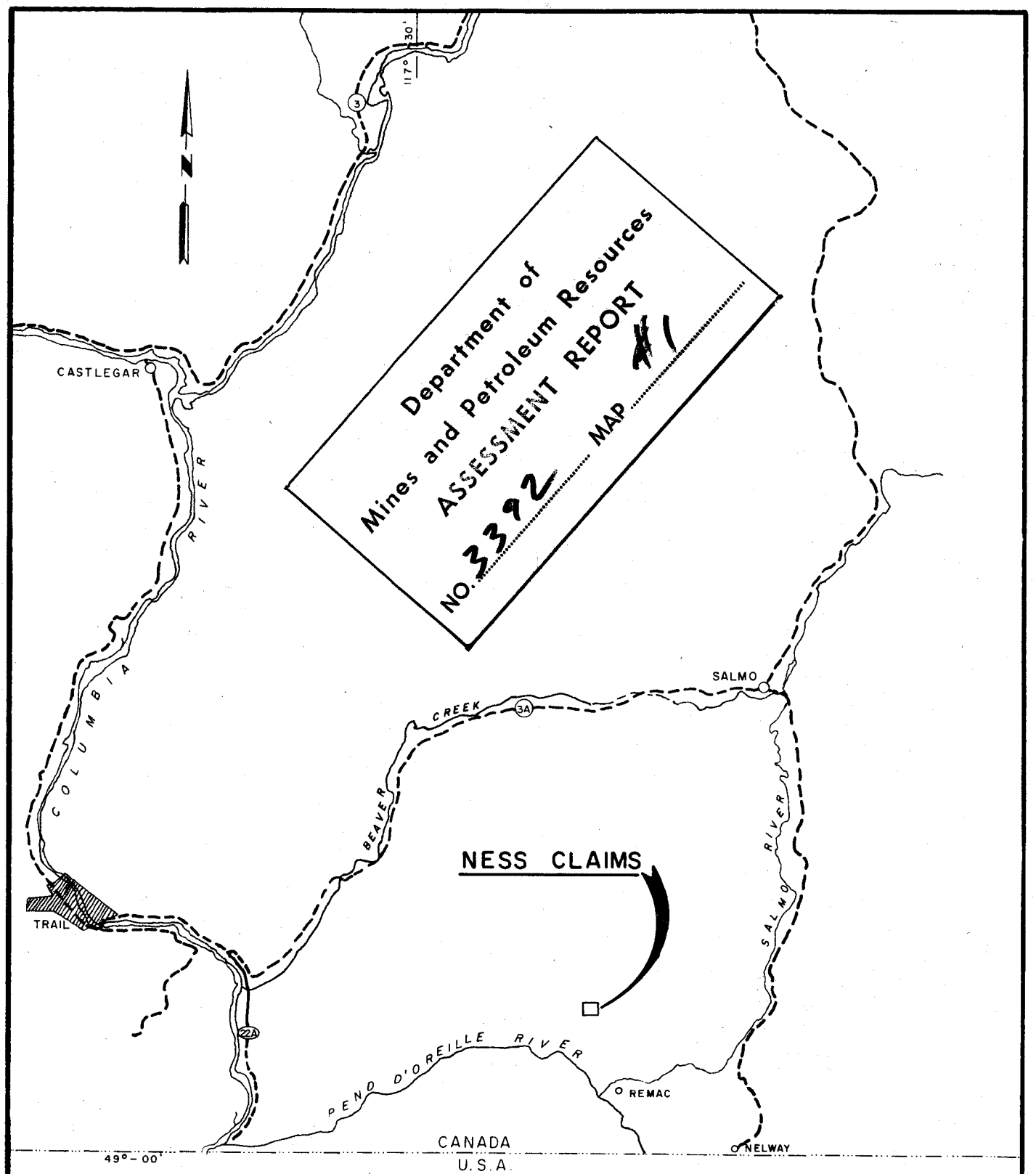
A geochemical survey has shown four zones of moderately anomalous copper results, two at each end of the claim group. Additional claims should be staked.

Magnetometer work and bulldozer trenching is recommended to further test the indicated anomalous copper results at an estimated cost of $10,000.00.

INTRODUCTION

Mr. S. Belsberg, President of Abella Resources Ltd (N.P.L.) requested the writer to examine the Ness Claim Group at Limpid Creek about two miles north of Remac, British Columbia. The claims were examined in the field on November 1-2, 1971, with Mr. Uno Leis, Manager, Strato Geological Ltd, Vancouver, B.C.

Strato Geological Ltd supervised and conducted the geological mapping and geochemical soil sampling under the writer's direction during the period October 27 - November 15, 1971.



ABELLA RESOURCES LTD. (N.P.L.)

NESS CLAIM GROUP

LOCATION MAP

SCALE: 1" = 4 MILES

PROPERTY - LOCATION, ACCESS, TOPOGRAPHY

The property is located in the Nelson Mining Division and comprises 8 mineral claims.

NAME	RECORD #	EXPIRY DATE
Ness 1	13787P	(Assessment work
" 2	8P	(filed before
" 3	9P	(November 2, 1971
" 4	13790P	(" "
" 5	13847P	(Assessment work
" 6	8P	(filed before
" 7	9P	(November 16, 1971
" 8	13850P	(" "

The Ness claims are located 2 miles north of Remac and the Reeves - MacDonald Mine just east of Limpid Creek at elevation 4100 - 4800 a.s.l. north of the junction of the Pend D'Oreille and Salmo Rivers.

Access is by 4-wheel drive truck along a bush road near Limpid Creek and by logging trails to the claim group.

REFERENCES - PREVIOUS DEVELOPMENT

1. Geological Survey of Canada Memoirs 172 and 308.

2. G.S.C. Maps #299A and 1090A.

3. B.C. Department of Mines and Petroleum Resources Annual Reports for years 1900, p-846; 1902, p-297; 1934, pp-A26, E23, 24.

International Boundary

TMENT OF MINES AND PETROLEUM RESOURCES

VICTORIA, B.C.

According to the record, 91 tons of ore grading 0.618 ozs gold and 0.4 ozs silver were shipped from the Crown Grant claims #1949 and #2939 adjoining the Ness claims immediately to the west.

Numerous old trenches were located on Ness Claim #2 near Crown Grant Claim #1949. (Topographic Map 82F/3W)

The Reeves - MacDonald Mines is located 2 miles south of the claims and has intermittently produced concentrates containing silver, lead, zinc, copper and gold since 1928.

GEOLOGY - GENERAL

Lower Cambrian limestone, argillite and quartzite rocks of the LAIB Formation and acid phases of the Cretaceous Nelson Batholith underlie the claims.

The rock structures are generally east-west striking, dip south and locally are contorted and drag-folded.

MINERALIZATION - ASSAYS

Old trenches on Ness Claim #2 show quartz veins sparsely mineralized with pyrite and chalcopyrite over an area 200 x 150 feet. A grab sample from one of the trenches showed on spectrographic analysis:

Silver - Trace
Molybdenum - 0.004%

Copper	- 0.06%
Titanium	- 0.02%
Nickel	- Trace
Zinc	- Trace

No economic mineralization was seen by the writer.

GEOLOGICAL SURVEY

Mr. Uno Leis, Manager of Strato Geological Ltd, mapped the geology of the Ness claims in detail. His report is appended herewith.

The results show east-west trending argillite bonds occupy the east end at the highest elevation as well as the northern slope of the property. Limestone occurs on Ness Claims #1 and #2 at the east end of the group. Outcrops of quartzite complete the suite of rocks which appear to be roof pendants in granodiorite. (See G.S.C. Map #299A)

GEOCHEMICAL SURVEY

Mr. Uno Leis, Manager, Strato Geological Ltd, supervised the geochemical soil sampling program. His report is appended herewith.

The results are shown on the accompanying map on scale 1" = 200'.

285 geochemical soil samples were taken from the "B" soil horizon. The samples were dried, screened to -80

mesh, digested in hot perchloric acid and analyzed for copper and molybdenum by the atomic absorption method at Core Laboratories - Canada Ltd, Vancouver, B.C.

The assay results showed:

% of Samples	Cu	Ppm Mo
10% assayed	0-20 ppm	less than 1
65% "	21-40 "	" " 1
11% "	41-50 "	" " 1
10% "	51-60 "	" " 1
4% "	61 + "	" " 1

Weak anomalous results for copper occur along an east-west trend in two zones at the east end of the Ness group mostly on Ness Claim #8 and the southeast corner of Ness Claim #7. It is interesting to note this anomalous area coincides with the axis of a drag-fold in argillite host rocks. Molybdenum results are negligable.

A second weak copper anomaly occurs on Ness Claim #2 in an area trenched by previous developers.

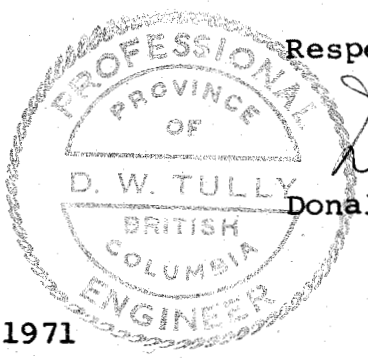
RECOMMENDED WORK PROGRAM

Additional claims should be staked both east and west adjoining the present claim groups.

A program of magnetometer surveying on a grid 1" = 200' and bulldozer trenching is recommended on the present claim group at a total estimated cost of $10,000.00.

ESTIMATED COSTS

10 miles line-cutting at $125 per mile.....	$ 1,250.00
Magnetometer Survey.....	750.00
Bulldozer Trenching 150 hours x $40 per hour...	6,000.00
Supervision and Engineering.....	1,000.00
TOTAL.....	$10,000.00



Respectfully submitted

Donald W. Tully

Donald W. Tully, P.Eng.

December 1, 1971

D. I. T. HOLDINGS LTD.

SUITE 102,
2222 BELLEVUE AVENUE,
WEST VANCOUVER, B. C.

TELEPHONE (604) 926-3715

CERTIFICATE

I, Donald William Tully, do hereby certify:

1. I am a Consulting Geological Engineer with offices at Suite 102-2222 Bellevue Avenue, West Vancouver, British Columbia.

2. I am a graduate of McGill University, 1943, with the Degree of Bachelor of Science.

3. I am a Registered Professional Engineer in the Provinces of British Columbia and Ontario.

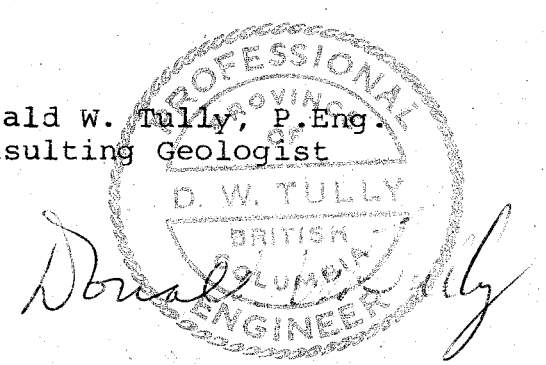
4. I have practised my profession for twenty-six years.

5. I have no direct, indirect or contingent interest in the securities of ABELLA RESOURCES LTD (N.P.L.) or the properties thereof nor do I intend to receive any interest.

6. This report is based on a personal study of the rocks and soil in the field and the data in public and private files during October and November, 1971.

DATED at West Vancouver, British Columbia, this 1st day of December, 1971.

Donald W. Tully, P.Eng.
Consulting Geologist



APPENDIX

STRATO GEOLOGICAL

Report on the
Ness Claim Group
Nelson Mining Division

For

ABELLA RESOURCES LTD (N.P.L.)
534-789 West Pender Street
Vancouver, B.C.

STRATO GEOLOGICAL

TABLE OF CONTENTS

(1) Summary and Conclusions

A program of linecutting, soil sampling, and geological mapping of the Ness 1-8 mineral claim group was conducted. A grid consisting of a baseline along the claim location line, and crosslines every 400 ft. extending north and south for 1600 ft. with stations at two hundred foot intervals was surveyed by compass. Soil samples were taken at each station at intervals of two hundred feet along each crossline. The samples were collected from the "B" horizon below the humus. They were analyzed by Core Laboratories in Vancouver for copper and molybdenum.

Geological mapping was completed along the same grid. The final maps show probable roof pendants of the LAIB Formation caused by intrusions of the granodiorites of the Nelson Plutonic Rocks.

(2) Introduction

Strato Geological Ltd. has conducted a preliminary geochemical and geological investigation for a feasibility study of the copper and molybdenum mineralization of the LAIB Formation and the Nelson Plutonic Rocks in the Limpid Creek region approximately six miles northwest of Nelway, B.C. It was intended to correlate anomalous geochemical readings with the geology of the area.

During the project, Uno Leis (Operations Manager), David MacKenzie, David Coyne, James Kay and Marko Motkalok (samplers) participated in the field work from October 27, 1971 to November 15, 1971.

This report is based upon personal examination of

the work on the property, and the Geological Survey of Canada publication, Memoir 308.

(3) Property

8 claims comprise the Ness Claim Group, as follows:

CLAIM NAME	RECORD NO.
Ness 1-4	13787-13790
Ness 5-8	13847-13850

(4) Location, Access, and Topography

The property is located in the Bonnington Range of mountains, east of Limpid Creek and west of McCormick Creek, 27 miles by road south and west of Salmo, British Columbia. A gravel road from the border crossing at Nelway to the Reeves-McDonald Mine continues past Remac. About three miles past Remac a logging road follows Limpid Creek up the hillside. This road forks several times, but leads to the initial posts for Ness 3 and 4. Local topographic relief varies between 3000 and 4500 feet above sea level.

(5) Work Performed

The field work consisted of (1) linecutting and ribboning, (2) soil sampling and (3) geological mapping. The lines were surveyed by compass, blazed and ribboned. Stations were marked with ribboning at two hundred foot intervals at which points soil samples were taken from the "B" horizon

The geological mapping was conducted along the grid lines and the information from notes and field sketches was integrated for the final map. A general trend of granodiorite intrusion into the argillite beds of the LAIB Formation was noted. A grab sample was taken from a quartz vein in the area of contact in one of the diggings along crossline 4S. Chalcopyrite was visually observed on this sample. Otherwise no ore was observed on the property.

(6) Geology - Regional

Geological Survey of Canada Map No. 1090A shows the geology of the area. The LAIB Formation consists of argillaceous schist, phyllite, argillaceous quartzite and limestone. In the basal part of the formation, the predominant schistose argillaceous quartzite and arenaceous mica contact conformably with the Reno Formation.

In the upper part, a gradational contact exists between the argillaceous rocks and the overlaying calcareous beds of the Nelway Formation.

The LAIB Formation rocks are faulted and have numerous folds, many of them isoclinal.

The rocks of the LAIB Formation are fine grained, argillaceous, and arenaceous. This suggests deposition probably in a shallow, oscillating sea, far from the shore, with relatively low relief in the adjacent land mass.

The greater abundance of limestone to the west suggests that the source of sedimentary materials used was to the east.

The Nelson Plutonic Rocks are composed mainly of porphritic granite, granodiorite, quartz diorite, quartz monzonite, diorite, monzonite, and syenite. Porphyritic granite is most common and has mostly a coarse groundmass, is hypidiomorphic, and consists essentially of K-spar, plagioclase, and quartz. The granodiorite is greenish grey with a coarse to medium grained texture in the feldspar. The plagioclase is mainly andesine and with accessories present which are apatite, magnetite, and titanite.

The LAIB Formation is placed in the Lower Cambrian, and the Nelson Plutonic Rocks into the Lower Cretaceous Period.

(7) Geology - Property

The Ness Claim Group is situated upon a contact of the LAIB Formation and the Nelson Plutonic Rocks. The granodiorites appear to have intruded the argillites and limestones, resulting in the formation of roof pendants of the latter. The main body of the intrusion lies over Ness Claim 4, forking into two branches which extend through Ness 1 and Ness 5. The LAIB Formation was observed to consist mainly of argillite and limestone on the area covered by the claims. The argillite was black, and was either shaly or massive. Accentuated folding was noticed in the beds of argillite, especially on the eastern end of the claims. A drag-fold was noticed at NTL 56-7s. The degree of folding was evident from the strike of the beds in various outcrops in the same vicinity. Both the dip and strike changed considerably from outcrop to outcrop in relatively close proximity.

The LAIB Formation occupies most of Ness 6,7 and 8

on the eastern portion of the claim group, and Ness 3 on the northern portion. The western half of Ness 1 and 2 is composed of both argillites and limestones, while the rest, plus most of Ness 4, and a portion of Ness 2,5,6 and 7 is intrusive rock. (See Map)

A quartz vein running across the face of the contact with a strike of 315° dipping 35° southerly was noticed in old trenching located along NTL 4S. A sample was taken and visually observed to have chalco-pyrite. The sample was analyzed at Core Laboratories (Sample #1).

(8) Assay Results - Geochemical Survey

The soil samples were processed as follows:

1. Dried at approximately 125°F
2. Crushed & sieved to -80 mesh
3. Weighed into test tubes
4. Digested with perchloric-nitric acid
5. Analyzed by atomic absorption spectrophotometer

The assay results from Core Laboratories indicate a background of approximately 50 ppm for copper and less than 1 ppm for molybdenum. The highest reading for copper was 82 ppm and there were four values of 1 ppm for molybdenum.

CERTIFICATE

I, Uno Leis, do hereby certify:

(1) I am Operations Manager of Strato Geological Ltd., with offices at 37 - 615 West Hastings Street, Vancouver 2, B.C.

(2) I am a graduate of Carlton University, 1969, with the Degree of Bachelor of Science.

(3) I am not a registered Engineer in the Province of British Columbia or of any province.

(4) I have been engaged in geological exploration for two and one-half years throughout British Columbia, parts of Yukon Territory, and parts of Saskatchewan.

(5) I have no direct, indirect, or contingent interest in the securities of Abella Resources Ltd (N.P.L.) or the properties thereof nor do I intend to receive any interest.

(6) This report is based on personal field examination and examination of the data obtained as a result of the survey.

DATED AT Vancouver, British Columbia, this 29th day of November, 1971

Uno Leis, B. Sc.

Signed: Uno Leis

STRATO GEOLOGICAL

COST DISTRIBUTION

(10) Program Costs

Geological Mapping & Examination	1100.00
Linecutting and Soil Sampling	1500.00
Sample Analysis	572.00
Transportation	545.10
Supplies	890.29
Mapping & Assimilation of data	240.00
Engineering Report	600.00
TOTAL	5447.39

DATED this 29th day of November, 1971 at Vancouver, British Columbia.

Signed: Uwe Leuz

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SAMPLE(S) FROM STRATO GEOLOGICAL

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SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
NTL 0	ON	38	<1
	2	51	<1
	4	28	<1
	6	20	<1
	8	32	<1
	10	25	<1
	12	20	1
	14	31	<1
	16	36	<1
	200S	31	<1
	400	54	<1
	600	40	<1
	800	38	<1
	1000	34	<1
	1200	60	<1
	1400	37	<1
	1600	39	<1
NTL 2E	2N	54	<1
	2	40	<1
	4	70	<1
	6	35	<1
	10	70	<1
	12	33	<1
	14	40	<1
	16	52	<1
NTL 2E	0	51	<1
	2S	57	1
	2	60	<1
	4	32	<1
	6	35	<1
	10	51	<1
	12	48	<1
	14	49	<1
	16	45	1
NTL 4	ON	38	<1
	2	60	<1
	4	51	<1
	6	47	1
	8	34	<1
	10	26	<1

DATE Nov 23, 1971.

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SAMPLE(S) FROM STRATO GEOLOGICAL

Certificate of Analysis

REPORT NO. V 10752

SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
NTL 4	12N	38	<1
	14	32	<1
	16	32	<1
	200S	30	<1
	400	48	<1
	600	53	<1
	800	54	<1
	1000	18	<1
	1200	35	1
	1400	31	<1
NTL 800	200S	34	<1
	400	42	<1
	600	26	<1
	800	30	<1
	1000	29	<1
	1200	26	<1
	1400	31	<1
	1600	33	<1
	0N	25	<1
	2	23	<1
	4	28	<1
	6	25	<1
	8	18	<1
	12	19	<1
	14	20	<1
	16	24	<1
NTL 12	200S	31	<1
	400	23	<1
	600	29	<1
	800	15	<1
	1000	19	<1
	1200	19	<1
	1400	14	<1>
	1600	17	<1
	400N	35	<1
	600	25	<1
	800	26	<1
	1000	27	<1
	1200	18	<1
	1400	16	<1

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REPORT NO. V 10752

SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
NTL 12	1600N	18	<1
NTL 16	400S	24	<1
	600	26	<1
	800	25	<1
	1000	34	<1
	1200	29	<1
	1400	23	<1
	1600	29	<1
	400N	23	<1
	6	16	<1
	8	24	<1
	10	20	<1
	12	19	<1
	1400	17	<1
	1600	14	<1
NTL 20	200S	38	<1
	400	31	<1
	600	23	<1
	800	26	<1
	1000	21	<1
	1200	28	<1
	1400	26	<1
	1600	22	<1
	2N	29	<1
	4	28	<1
	6	23	<1
	8	21	<1
	10	24	<1
	12	51	<1
	14	16	<1
	16	34	<1
NTL 24	ON+S	35	<1
	200S	27	<1
	400	25	<1
	600	23	<1
	800	22	<1
	1000	33	<1
	1200	52	<1
	1600	33	<1
	200N	31	<1

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SIGNED [signature]

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SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
NTL 24	400N	26	<1
	600	21	<1
	800	39	<1
	1000	45	<1
	1200	24	<1
	1400	17	<1
	1600	23	<1
NTL 28	0S	19	<1
	200	29	<1
	400	29	<1
	600	29	<1
	800	39	<1
	1000	36	<1
	1200	26	<1
	1400	39	<1
	1600	37	<1
	200N	24	<1
	400	26	<1
	600	30	<1
	800	35	<1
	1000	27	<1
	1200	30	<1
	1400	38	<1
	1600	28	<1
NTL 32	0S	21	<1
	200	39	<1
	400	41	<1
	600	38	<1
	800	37	<1
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	1200	40	<1
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	1600	32	<1
	200N	23	<1
	200 Correction	25	<1
	400	21	<1
	600	24	<1
	600	20	<1
	800	24	<1
	800	24	<1

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REPORT NO. V 10752

SAMPLE(S) OF soils

Sample No.	Cu ppm	Mo ppm
NTL 32 1000N	29	<1
~~1600~~	~~17~~	<1
~~1200~~	~~24~~	<1
1200	32	<1
1400	30	<1
~~1400~~	~~18~~	<1
~~1600~~	~~34~~	<1
1600	35	<1
NTL 36 0S	23	<1
2	21	<1
4	27	<1
6	35	<1
8	41	<1
10	41	<1
12	81	<1
14	36	<1
16	29	<1
~~2N~~	~~38~~	<1
4	32	<1
6	19	<1
8	19	<1
10	45	<1
12	47	<1
14	56	<1
16	27	<1
NTL 40 0	27	<1
200S	33	<1
400	42	<1
600	36	<1
800	40	<1
1000	27	<1
1200	45	<1
1400	32	<1
1600	33	<1
200N	21	<1
400	22	<1
600	28	<1
800	24	<1
1000	35	<1
1200	72	<1

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SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
	NTL 40400N	32	<1
	1600	25	<1
NTL 44	200S	49	<1
	400	51	<1
	600	49	<1
	800	33	<1
	1000	35	<1
	1200	50	<1
	1400	40	<1
	2N	33	<1
	4	23	<1
	6	30	<1
	8	32	<1
	10	39	<1
	12	42	<1
	14	45	<1
	16	32	<1
	16	55	<1
NTL 48	200S	56	<1
	400	50	<1
	600	38	<1
	800	34	<1
	1000	33	<1
	1200	30	<1
	1400	39	<1
	200N	28	<1
	400	25	<1
	600	28	<1
	800	28	<1
	1000	51	<1
	1200	42	<1
	1400	42	<1
	1600	45	<1
NTL 52	200S	50	<1
	400	46	<1
	600	39	<1
	800	37	<1
	1000	28	<1
	1200	42	<1
	1400	57	<1

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325 Howe Street Vancouver 1, B.C. Phone 688-3504

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REPORT NO. V 10752

SAMPLE(S) OF SOILS

Sample No.	Cu ppm	Mo ppm
NTL 52 1600S	31	<1
200N	35	<1
600	27	<1
800	27	<1
1000	26	<1
1200	23	<1
1400	50	<1
1600	21	<1
NTL 56 0S	86 -	<1
2	63 -	<1
4	46	<1
6	49	<1
8	51	<1
10	42	<1
12	45	<1
14	52	<1
1600	48	<1
2N	70 -	<1
4	30	<1
6	23	<1
8	26	<1
10	26	<1
12	29	<1
14	26	<1
16	35	<1
NTL 59 0S	63 -	<1
2	38	<1
4	45	<1
6	48	<1
8	53	<1
10	49	<1
12	30	<1
14	32	<1
16	48	<1
2N	78 -	<1
4	56	<1
6	35	<1
8	N.S.	N.S.
10	22	<1
12	7	<1

DATE Nov 23, 1971.

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PULP AND REJECTS DISCARDED AFTER 3 MONTHS

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325 Howe Street Vancouver 1, B.C. Phone 688-3504

SAMPLE(S) FROM STRATO GEOLOGICAL

Certificate of Analysis

REPORT NO. V 10752

SAMPLE(S) OF SOILS

Sample No.		Cu ppm	Mo ppm
NTL 59	14N	34	<1
	16	42	<1
NTL 0	16E	29	<1
NTL 12	0	29	<1
NTL 16	200N	31	<1
NTL 1600	200S	36	<1

HOT PERCHLORIC ACID DIGESTION

DETERMINED BY A.A.

DATE Nov 23, 1971. SIGNED

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

ASSAYERS
CHEMISTS
GEOCHEMISTS

CORE LABORATORIES - CANADA LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

Certificate of Analysis

SEMIQUANTITATIVE SPECTROGRAPHIC

REPORT NO. V 10906

Sample(s) From STRATO GEOLOGICAL

Sample(s) Of ROCK

Semiquantitative Spectrographic Analysis:

	Sample L	Sample 2	Sample		Sample 1	Sample 2	Sample
Antimony	ND	ND		Lithium (Li_2O)	–	–	
Arsenic	TRACE	ND		Manganese	.002%	.08%	
Barium	.01%	.01%		Mercury	–	–	
Beryllium (BeO)	ND	ND		Molybdenum	.004%	.01%	
Bismuth	ND	ND		Nickel	TRACE	.002%	
Cadmium	ND	ND		Silver	TRACE	TRACE	
Cerium (CeO_2)	–	–		Tantalum (Ta_2O_5)	–	–	
Chromium	TRACE	TRACE		Thorium (ThO_2)	–	–	
Cobalt	ND	.01%		Tin	ND	TRACE	
Columbium (Cb_2O_5)	–	–		Titanium	.02%	.15%	
Copper	.06%	MAJOR		Tungsten	ND	.05%	
Gallium	ND	TRACE		Uranium (U_3O_8)	–	–	
Germanium	–	–		Vanadium	TRACE	.003%	
Indium	–	–		Zinc	TRACE	.08%	
Iron	.5%	MATRIX		Zirconium (ZrO_2)	–	–	
Lead	ND	ND					
Aluminum	.1%	.5%		Potassium	TRACE	.5%	
BORON	TRACE	TRACE		Magnesium	.05%	1.0%	
Calcium	.1%	5.0%		Sodium	TRACE	.2%	
Silicon	MATRIX	MAJOR					

Figures are approximate:

CODE

H	– High	– 10 – 100% approx.	TL	– Trace Low	– .05 – .5% approx.
MH	– Medium High	– 5 – 50% approx.	T	– Trace	– .01 – .1% approx.
M	– Medium	– 1 – 10% approx.	FT	– Faint Trace	– approx. less than .01%.
LM	– Low Medium	– .5 – 5% approx.	PT	– Possible Trace	– Presence not certain.
L	– Low	– .1 – 1% approx.	–	– Not Detected	– Elements looked for but not found.

Matrix – Major Constituent
Major – Above normal spectrographic range.

DATE Nov 25, 1971. **SIGNED** R. A. Sellers

82F/3W 1:50,000 **CANADA** EDITION 2 82F/3W

Refer to this map as: 82F/3W EDITION 2 MCE SERIES A 721

SALMO

KOOTENAY DISTRICT

BRITISH COLUMBIA

SCALE 1:50,000 ÉCHELLE

Miles 1 0 1 2 3 Milles

Metres 1000 500 0 1000 2000 3000 4000 Mètres

Yards 1000 500 0 1000 2000 3000 4000 Verges

CONTOUR INTERVAL 100 FEET
Elevations in Feet above Mean Sea Level

Transverse Mercator Projection
North American Datum 1927

MAGNETIC DECLINATION 21°27' EAST
AT CENTRE OF MAP 1963
Annual change decreasing 2.8'

ÉQUIDISTANCE DES COURBES 100 PIEDS
Élévations en pieds au-dessus du niveau moyen de la mer

Projection transverse de Mercator
Réseau géodésique nord-américain unifié 1927

DÉCLINAISON MAGNÉTIQUE AU CENTRE
DE LA FEUILLE EN 1963: 21°27' EST
Variation annuelle décroissante 2.8'

Surveyed and compiled by the SURVEYS AND MAPPING BRANCH, BRITISH COLUMBIA. Produced by the MAPPING AND CHARTING ESTABLISHMENT, DEPARTMENT OF NATIONAL DEFENCE.
Information depicted current as of 1962. Printed 1968.

Copies may be obtained from the Map Distribution Office, Department of Energy, Mines and Resources, Ottawa.

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Renseignements à jour en 1962. Imprimée en 1968.

Ces cartes sont en vente au Bureau de distribution des cartes, ministère de l'Énergie, des Mines et des Ressources, Ottawa.

Roads:	Routes:		
hard surface, all weather	pavée, toute saison	more than 2 lanes, plus de 2 voies	2 lanes, 2 voies
hard surface, all weather	pavée, toute saison	less than 2 lanes, moins de 2 voies	
loose surface, all weather	de gravier, toute saison	2 lanes or more, 2 voies ou plus	less than 2 lanes, moins de 2 voies
loose surface, dry weather	de gravier, période sèche		
cart track	de terre		
trail or portage	sentier ou portage		
Railway, normal gauge, single track	Chemin de fer, voie unique (écartement normal)	siding, voies d'évitement	station, gare
Horizontal control point, with elevation	Point géodésique, avec cote		454 △
Bench mark, with elevation	Repère de nivellement, avec cote		BM 157 →
Spot elevation; precise, approximate	Point coté; précis, approximatif	450	450 ±

Building	Bâtiment	Church	Église
School	École	Post Office	Bureau de poste
Cemetery	Cimetière		
Mine or Open cut	Mine ou fosse à ciel ouvert		
Lighthouse	Phare		
Power transmission line	Ligne de transport d'énergie		
River with bridge	Rivière avec pont		
Stream, intermittent or dry	Cours d'eau intermittent, ou à sec		
Lake intermittent, indefinite	Lac intermittent, rive imprécise		
Marsh or Swamp	Marais ou marécage		
Depression contours	Courbes de cuvette		

CONVERSION SCALE FOR ELEVATIONS
Metres / Feet

T.N. 0°17' or 5 Mils — 21°44' or 386 Mils — Grid North — Magnetic North

Use diagram only to obtain numerical values.
APPROXIMATE MEAN DECLINATION 1963
FOR CENTRE OF MAP
Annual change decreasing 2.8'

GRID ZONE DESIGNATION 11U

100,000 M. SQUARE IDENTIFICATION: ME

TO GIVE A REFERENCE TO NEAREST 100 METRES
EXAMPLE BUILDING
EASTING: Read number on grid line immediately to left of point. Estimate tenths of a square from this line eastward to point. 70 9 709
NORTHING: Read number on grid line immediately below point. Estimate tenths of a square from this line northward to point. 37 1 371
MILITARY GRID REFERENCE 709371
Nearest similar grid reference 100,000 metres (about 62 miles)

ONE THOUSAND METRE
UNIVERSAL TRANSVERSE MERCATOR GRID
ZONE 11

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3392 MAP #3

TABLEAU D'ASSEMBLAGE DU SYSTÈME NATIONAL DE RÉFÉRENCE CARTOGRAPHIQUE

82F/5E	82F/6W	82F/6E
82F/4E	82F/3W	82F/3E
USA	USA	USA

117°45' 117°00' 49°30' 48°45'

INDEX TO ADJOINING MAPS OF THE NATIONAL TOPOGRAPHIC SYSTEM

3392 M-3

SALMO
82 F/3 W
EDITION 2

L 0+00 L 2 E L 4 E L 8 E L 12 E L 16 E L 20 E L 24 E L 28 E L 32 E L 36 E L 40 E L 44 E L 48 E L 52 E L 56 E L 59 E

16N 14N 12N 10N 8N 6N 4N 2N BL 0+00 2S 4S 6S 8S 10S 12S 14S 16S

NESS 1 NESS 2 NESS 3 NESS 4 NESS 5 NESS 6 NESS 7 NESS 8

50 ppm Cu

LOG - CABIN

GRAB SAMPLE #1 (Quartz Vein)

TRENCHES

INITIAL CLAIM POST

LOGGED AREA

CEDAR

HEMLOCK

SPRUCE

WILLOWS

WILLOW

POPLAR

BALSAM

JACKPINE

ALDERS

ARGILLITE

GRANODIORITE

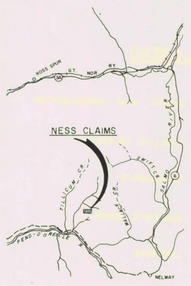
BURNED AREA

45°

55°

65°

N



KEY PLAN, SHOWING LOCATION OF CLAIMS

LEGEND

- QUARTZ VEINS - MINERALIZATION
- ARGILLITE (BLACK)
- GRANODIORITE
- QUARTZITE BANDS
- LIMESTONE

SYMBOLS

- ROCK OUTCROPS
- x x BOULDERS
- CREEK
- STRIKE & DIP
- FAULT
- GEOCHEMICAL SOIL SAMPLE LOCATION
- 50/1 Cu / Mo IN ppm
- ROAD
- APPROXIMATE GEOLOGICAL BOUNDARIES
- CLAIM POSTS
- TRENCHING

3392 M.4

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA D. W. TULLY

Donald W. Tully

ABELLA RESOURCES LTD. (N.P.L.)

NESS CLAIM GROUP 1 - 8

NELSON MINING DIVISON

GEOLOGY AND GEOCHEMICAL PLAN

200 0 200 400

SCALE IN FEET

DECEMBER 1, 1971

STRATO GEOLOGICAL

SURVEY BY STRATO GEOLOGICAL LTD.