ARIS SUMMARY SHEET

District Geologist, Prince George Off Confidential: 89.09.09

ASSESSMENT REPORT 18081 MINING DIVISION: Clinton

PROPERTY: Newton
LOCATION: LAT 51 48 00 LONG 123 37 00
UTM 10 5738755 457475
NTS 092O13E
CLAIM(S): Newton 1
OPERATOR(S): Durfeld, R.M.
AUTHOR(S): Durfeld, R.M.
REPORT YEAR: 1988, 26 Pages
COMMODITIES
SEARCHED FOR: Gold,Copper
GEOLOGICAL
SUMMARY: Middle Jurassic intrusives and volcanics and Upper Cretaceous clastics are intruded by felsic rocks of Eocene age. The economic potential for this area is gold-copper mineralization associated with the felsic intrusives and hydrothermal alteration.

WORK
DONE: Geochemical
ROCK 5 sample(s) ;AU,AG,AS,CU,PB,ZN,SB,HG
SAMP 129 sample(s) ;AU,AG,AS,CU,PB,ZN,SB,HG
SOIL 82 sample(s) ;AU,AG,AS,CU,PB,ZN,SB,HG

GEOCHEMICAL AND GEOLOGICAL REPORT
ON THE NEWTON MINERAL CLAIMS
CLINTON MINING DIVISION, BRITISH COLUMBIA

NTS 920/13E

51° 48′ north latitude

123° 37′ west longitude

By

R.M. Durfeld

Durfeld Geological Management Ltd.
180 Yorston Street
Williams Lake, B.C. V2G 3Z1

November 1988

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ILLUSTRATIONS

A.) INTRODUCTION

1) Location

The NEWTON property is located (Figure 1) in the Clinton Mining Division, British Columbia, 37 kilometres west-southwest of the community of Hanceville and 105 kilometres west-southwest of the City of Williams Lake. More precisely, it is located at 51 degrees 48 minutes north latitude and 123 degrees 37 minutes west longitude. (National Topographic System Map 920/13E)

2) Access and Physiography

The NEWTON property is readily accessible from Williams Lake via paved highway to the community of Hanceville from where the Taseko Lake access road branches off to the southwest. At approximately 50 kilometres a 4-wheel drive trail, to Scum Lake, branches to the northwest and after 7 kilometres bisects the NEWTON Property.

The physiography of the NEWTON property is dominated by Newton Hill, a circular hill which protrudes 150 metres from the surrounding landscape of the Fraser Plateau and can be seen from miles around. The elevations on the NEWTON property vary from 1200 to 1360 metres (3950 to 4466 feet) above sea level.

The vegetation on the NEWTON property is characterized by mature open pine and poplar forests with undergrowths of sparce grasses throughout and alders in the lower swampy areas.

3) Ownership

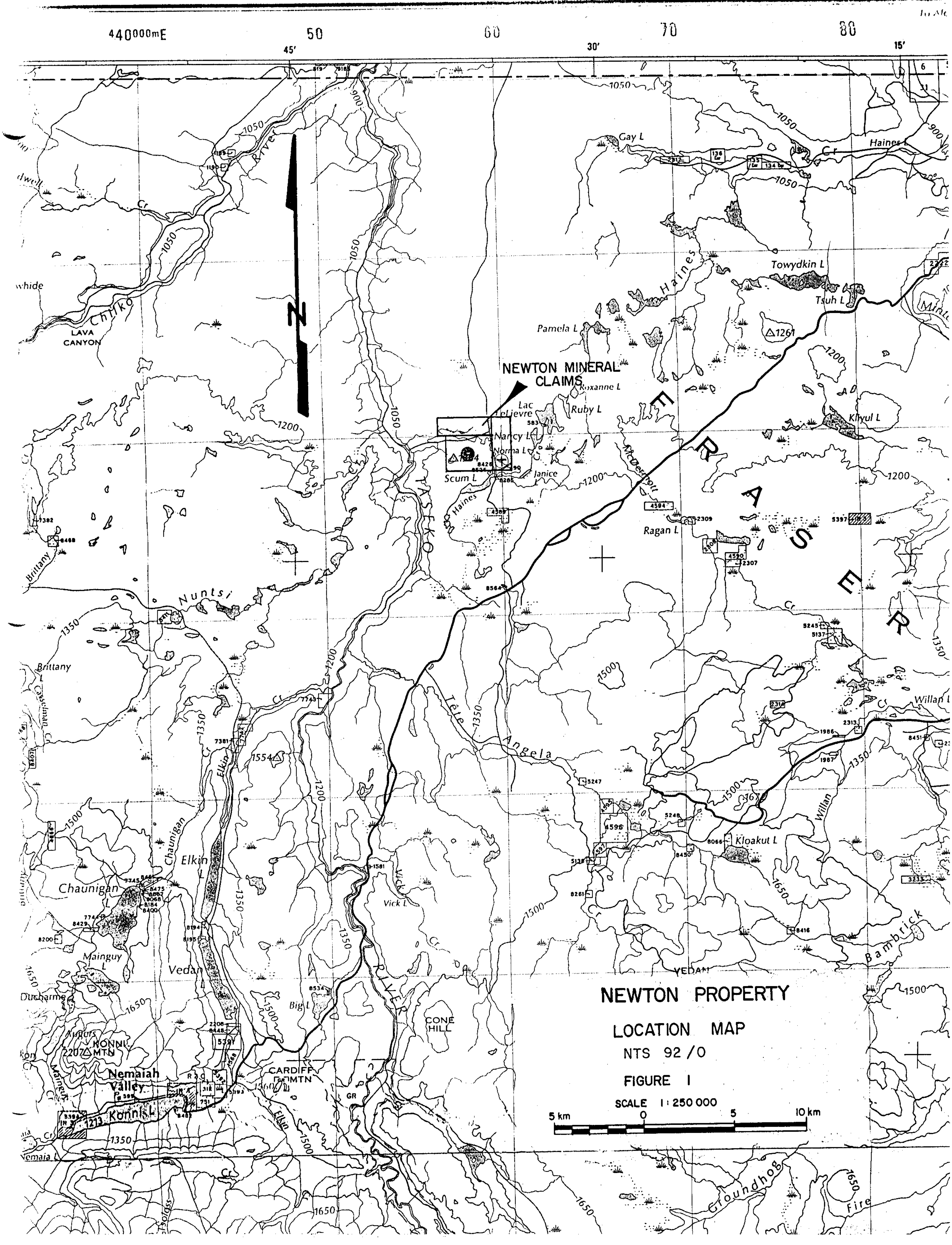
The NEWTON property consists of 3 modified grid mineral claims comprised of 44 claim units.(Figure 2) The current status of these claims is summarized as:

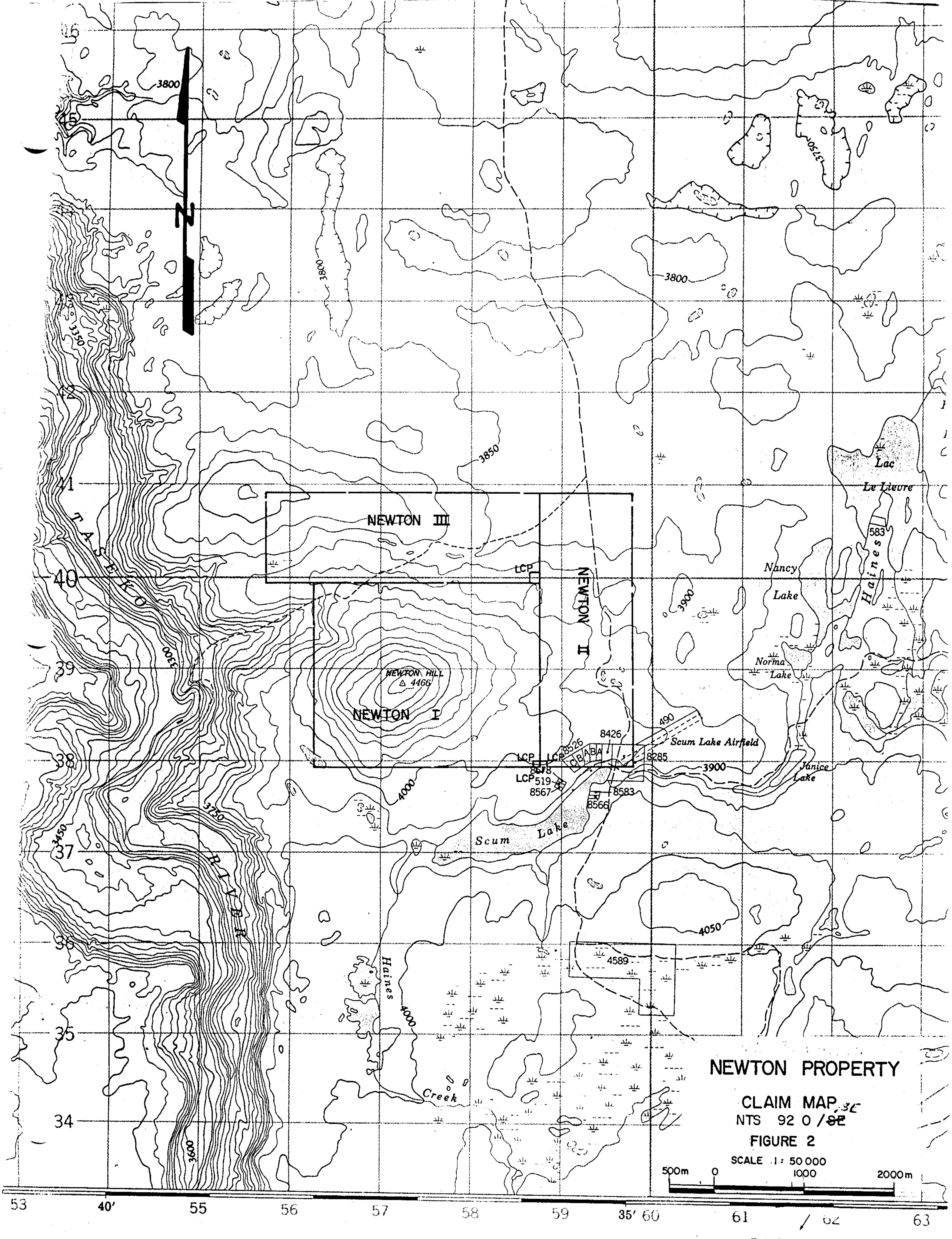
Claim Name	Number of Units	Record Number	Record Date
NEWTON I	20	2408	Sept. 14, 1987
NEWTON II	12	2774	Oct. 09, 1988
NEWTON III	12	2775	Oct. 11, 1988

The above claims are held under option by REA GOLD Corporation from R.M. Durfeld, the original owner of the claims.

4) Previous Work

The 1916 British Columbia Department of Mines Report documents a Mr. Newton working on Newton hill and showing $1 to $3 per ton gold (up to .1 oz/ton). This work is still evidenced by pits and open cuts


440000mE
50
60
70
80
45'
30'
15'
N
NEWTON MINERAL CLAIMS
Chilko River
LAVA CANYON
Nuntsi
TASEKO RIVER
FRASER
Haines Cr
Gay L
Towydkin L
Tsuh L
Pamela L
Roxanne L
Ruby L
Lac LeLievre
Nancy L
Norma L
Janice
Scum L
Ragan L
Kiyul L
Tête Angela
Brittany
Brittany L
Elkin
Elkin L
Chaunigan
Chaunigan L
Mainguy L
Vedan
Vick L
Big L
CONE HILL
CARDIFF MTN
KONNI MTN
Nemaiah Valley
Konni L
Nemaia L
Kloakut L
Willan
Willan L
Bambrick
Groundhog
Fire
NEWTON PROPERTY
LOCATION MAP
NTS 92/O
FIGURE 1
SCALE 1:250 000
5 km
0
5
10 km



NEWTON PROPERTY
CLAIM MAP
NTS 92 O /SE
FIGURE 2
SCALE 1: 50 000
500m 0 1000 2000m
NEWTON I
NEWTON II
NEWTON III
NEWTON HILL
4466
LCP
8426
8526
8285
8578
519
8567
8583
8566
490
583
4589
Scum Lake Airfield
Scum Lake
Janice Lake
Nancy Lake
Norma Lake
Lac Le Lievre
Haines
Haines Creek
TASEKO RIVER
3800
3850
3900
4000
4050
3750
3350
3300
3450
3600
46
45
42
41
40
39
38
37
36
35
34
53
40'
55
56
57
58
59
35' 60
61
62
63
Twin Lakes 45 km

on the top of Newton hill.

In the early to mid 1970's the area of the Newton property was explored for its potential of hosting a porphyry copper-molybdenum deposit.

In 1981, Taseko Mines Limited acquired the SKI claims covering the NEWTON property and surrounding area and in 1982, conducted a program of percussion and diamond drilling that is documented as assessment report 11,001.

The central and eastern portions of the SKI property were subsequently permitted to lapse and were acquired by R.M. Durfeld as the NEWTON I to III mineral claims.

5) Program

To evaluate the potential of the NEWTON property as a host for economic gold mineraliztion, eighty-two soil samples were collected on lines 500 metres apart at 50 metre intervals over the core of Newton hill and analyzed for gold and pathfinder elements.

In conjunction with the soil sampling, rock samples of limited surface outcroppings and incomplete diamond drill core samples from the 1972 programs were also collected and analyzed for gold and pathfinder elements.

The results of these preliminary surveys are documented in this report.

B.) GEOLOGY

1.) Regional Geology

The regional geology of the Scum Lake area is compiled by H.W. Tipper of the Geological Survey of Canada as 1978 O.F. 534. This mapping shows the NEWTON property as being underlain by Mid-Jurassic granodiorites and volcanics that were subsequently overlain by the Upper-Cretaceous Kingsvale clastic sediments. All of these lithologies were subsequently intruded by felsite, feldspar porphyry and biotite feldspar porphyry of Eocene Age. Away from Newton Hill much of the area is shown as being underlain by thick sections of Quaternary Age tills.

The economic mineral potential of the Newton property is as a gold deposit associated with the alteration and silicification system of the Eocene felsic intrusions.

2.) NEWTON Property Geology

The limited surface mapping and drill core logging by the author shows the top of Newton Hill to be dominated by felsic volcanics.

The diamond drill core shows Eocene intrusive lithologies as biotite to hornblende granodiorites, diorite to quartz diorite and feldspar prophyry cutting fine grained sediments and lapilli tuff.

Hydrothermal alteration as variable sericite and argillization and silicification were noted throughout, in response to the younger intrusive activity. Intense sericitic, argillic and silicification alterations of the felsic volcanics were noted as the top of Newton Hill.

Mineralization on the NEWTON property is recognized as pyrite veins and disseminations throughout, often comprising greater than 10% of the total rock. Magnetite was generally noted in the intrusive lithologies. Chalcopyrite and molybdenite were noted on diamond drill core as isolated occurences in quartz veins.

The attached diamond drill logs show the distribution of the observed lithologies, alteration and mineralization on the Newton property in greater detail.

C.) GEOCHEMICAL SURVEYS "B" horizon about 20 cm below surface

To evaluate the mineral potential of the NEWTON property 5 rock, 129 drill core and 82 soil samples were collected and sent to MIN-EN Labs in Vancouver. MIN-EN Labs analyzed all the samples for gold and mercury by atomic absorption and silver, arsenic, copper, lead, antimony and zinc by multielement ICP. The results for the rock and soil sample sites are listed as appendix II and shown as figures 3a, 3b, and 3c of this report. The results for the diamond drill core analyses are listed with the diamond drill logs as Appendix I of this report.

Gold

Analyses of rock and core samples returned several sections of strongly anomalous gold values (up to 2.79 g/tonne) over 10 feet. The soil sampling also showed several anomalous (>50 ppb) sites, with values as high as 580 ppb.

Accessory Minerals

The highest gold values from diamond drill hole 479-72-6 show a strong correlation to the highest copper values. Isolated strongly anomalous mercury values were noted in soils but additional fill in sampling is necessary to define areas of interest. The sampling of altered rhyolite encountered in diamond drill hole 479-72-5 returned strongly anomalous mercury values (up to 6375 ppb).

Additional fill-in soil and rock sampling is necessary to better define the association of the anomalous accessory minerals with the anomalous gold sites.

D.) CONCLUSIONS

The NEWTON property is underlain by Mid-Jurassic intrusive and volcanic lithologies and Upper Cretaceous sediments that were subsequently intruded by Eocene felsic intrusives. Hydrothermal alteration as sericitic, argillic and silicification are developed in response to the emplacement of the Eocene intrusives.

The economic mineral potential of the Newton property is to host economic epithermal gold silver mineralization developed in association with the emplacement of the Eocene intrusives.

The results of the geochemical surveys that are documented in this report show several areas anomalous in gold and pathfinder elements (silver, mercury, arsenic, copper). Additional fill-in sampling is necessary to define the extent of these anomalous zones.

E.) COST STATEMENT

TECHNICAL STAFF		
GEOLOGIST - R. Durfeld		
	4 day @ $350	$ 1,400.00
ASSISTANTS - C. Durfeld and R. Dubois		
	8 days @ $165	1,320.00
TRUCK RENTAL	3 days @ $50	150.00
TRUCK FUEL		100.00
GEOCHEMICAL ANALYSES		
SOIL SAMPLES		1,479.00
CORE SAMPLES		1,548.00
REPORT	- compilation of data and drafting	500.00
TOTAL COST OF PROGRAM		$ 6,497.00

R.M. Durfeld, B.Sc.
(Geologist)

F.) CERTIFICATE

I Rudolf M. Durfeld, do hereby certify:

1.) That I am a geologist with offices at 180 Yorston Street, Williams Lake, B.C.

2.) That I am a graduate of the University of British Columbia, B.Sc. Geology 1972, and have practiced my profession with various mining and/ or exploration companies and as an independent geologist consultant since graduation.

3.) That I am a Fellow of the Geological Association of Canada (Member No: F3025), and am a member of The British Columbia and Yukon Chamber of Mines and the Canadian Institute of Mining and Metallurgy.

4.) That this report is based on my personal knowledge of the property as geologist on the limited exploration program that was conducted on the NEWTON property during the period October 15th December 15, 1988.

R.M. Durfeld, B.Sc.
(Geologist)

APPENDIX I:

Diamond Drill Logs and Core Analyses Results

The existing full core was split in half, or the existing split core was quartered.
The core is stored at the old composite on the property.

DIAMOND DRILL HOLE NO. : 479-72-4
DATE DRILLED: 1972 DATE LOGGED: November 25, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
0	543	Missing Core	
543	580	Silicious hornfels	- mottled light and dark grey - calcite on fractures - disseminated pyrite throughout - moderate magnetic throughout - quartz pyrite veins with chlorite and sericite alteration selvages.
580	600	Feldspar Porphyry	- irregular milky feldspar crystals to 2mm in a fine beige silicious matrix - relic chlorite on hornblende - pyrite disseminated and as veins throughout - trace chalcopyrite as vein
600	620	Silicious hornfels	- as above - strong magnetic - up to 10% pyrite on veins and disseminated
620	640	Feldspar Porphyry	- as above
640	673	Silicious Hornfels	- as above - pyrite on fractures - 647-648 fine feldspar porphyry with 10% pyrite - 650 intense silicification with disseminated chalcopyrite
673	694	Missing Core	
694	718	Silicious Hornfels	- as above - up to 15% magnetite - 710 trace chalcopyrite
718		End of hole	

Certificate of ASSAY

Company:CYPRUS METALS
Project:
Attention:A.JACKSON

File:7-2043/P1
Date:DEC 14/87
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#4 543-550	.16	0.005	.9	10	391	21	2	21	45
#4 550-560	.07	0.002	.8	3	347	16	2	25	45
#4 560-570	.16	0.005	.9	12	373	18	2	23	45
#4 570-580	.05	0.001	.8	3	209	12	2	15	70
#4 580-590	.19	0.006	.7	9	612	12	3	23	35
#4 590-600	.10	0.003	1.1	8	182	48	1	79	55
#4 600-610	.21	0.006	1.4	10	531	25	2	25	15
#4 610-620	.19	0.006	1.6	12	417	13	2	24	25
#4 620-630	.17	0.005	.9	4	250	6	1	18	40
#4 630-640	.04	0.001	.8	4	110	8	3	15	30
#4 640-650	.21	0.006	1.6	6	437	15	1	62	25
#4 650-660	.13	0.004	.9	14	341	13	6	30	25
#4 660-673	.15	0.004	1.2	3	371	17	3	29	25
#4 694-700	.19	0.006	2.3	7	568	5	1	36	15
#4 700-710	.27	0.008	3.0	8	1338	4	1	30	15
#4 710-718	.18	0.005	1.4	13	359	10	4	35	15

DIAMOND DRILL HOLE NO. : 479-72-5
DATE DRILLED: 1972 DATE LOGGED: November 25, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
0	88	Missing Core	
88	133	Altered Rhyolite	- milky feldspar grains in a light grey glassy silicious matrix - oxidized fractures to 100 feet
133	140	Fault Gouge	- 10% disseminated pyrite throughout
140	205	Altered Rhyolite	- as above - 165 feet molybdenum of quartz vein - 5 to 10% pyrite disseminated and on veins at 20° to core axis
205	220	Feldspar Porphyry Biotite Granodiorite	- stubby to subrounded concentrically zoned milky feldspar crystals in a fine biotite and light grey felsic matrix - moderately magnetic - 1 to 2% pyrite, disseminated and on veins
220		End of hole	

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Type:ROCK ASSAY

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#5 88-100	.30	0.009	1.6	9	325	6	3	9	6375
#5 100-110	.14	0.004	1.3	10	660	43	18	14	1100
#5 110-120	.59	0.017	3.3	44	1601	266	58	30	1720
#5 120-130	.37	0.011	1.6	23	836	8	10	13	905
#5 130-140	.18	0.005	1.3	13	307	13	6	69	195
#5 140-150	.19	0.006	1.1	12	233	17	5	91	60
#5 150-160	.16	0.005	.8	3	789	9	6	63	800
#5 160-170	.24	0.007	1.4	4	697	7	3	24	510
#5 170-180	.20	0.006	1.3	8	468	6	3	28	260
#5 180-190	.17	0.005	1.4	3	309	13	2	105	165
#5 190-200	.36	0.011	1.7	7	719	7	3	28	85
#5 200-210	.33	0.010	1.3	3	565	8	2	58	40
#5 210-220	.25	0.007	1.5	7	423	16	3	71	75

DIAMOND DRILL HOLE NO. : 479-72-6
DATE DRILLED: 1972 DATE LOGGED: November 27, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
0	37	Missing Core	
37	62	Oxidized and Altered Unknown	- milky beige to rusty brown in part crumbly - primary textures erased due to strong argillic alteration as mainly kaolinite, but may contain minor sericite - rusty veinlets at 40° to core axis due to weathered pyrite - minor quartz on fractures - 42 to 44 feet minor malachite on fractures
62	84	Missing Core	
84	108	Oxidized and Altered Unknown	- 100 to 108 feet fault gouge - " " " minor relict feldspar phenocrysts - increase of silicification with depth
108	152	Missing Core	
152	250	Granodiorite	- irregular milky feldspar phenocrysts to 1 cm in a finer hornblende and felsic matrix - sections of crowded feldspar porphyry - moderate argillic alteration - weak propylitic alteration - 3 to 5% pyrite disseminated throughout - 171 and 186 feet - vuggy quartz bands to 5 cm thick - 212 to 214 feet silicious pyritized band - 200 to 240 feet weak magnetic - 240 to 268 feet moderate magnetic - 230 to 232 feet included fragments of banded grey sediment - 220 to 240 feet quartz-pyrite veins at 60° to core axis
250	270	Feldspar Porphyry	- strong calcite in altered shear zone

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Date:DEC 14/87
Type:ROCK ASSAY

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#6 37-42	.14	0.004	1.1	22	925	6	5	19	105
#6 42-50	.18	0.005	1.3	4	1344	17	4	37	35
#6 50-62	.06	0.002	1.1	26	557	12	9	12	35
#6 84-90	.17	0.005	1.1	3	771	16	7	19	110
#6 90-100	.16	0.005	1.3	2	565	8	3	36	35
#6 100-108	.04	0.001	1.0	5	394	18	7	48	55
#6 152-160	.14	0.004	1.1	6	316	16	6	89	20
#6 160-170	.27	0.008	1.2	10	614	14	3	87	15
#6 170-180	.21	0.006	1.5	25	348	12	4	106	20
#6 180-190	.13	0.004	1.3	6	319	16	6	90	240
#6 190-200	.17	0.005	1.9	15	154	45	4	218	20
#6 200-210	.23	0.007	1.5	6	390	22	8	111	15
#6 210-220	.11	0.003	1.2	11	153	15	4	115	10
#6 220-230	.08	0.002	1.2	10	189	16	7	130	15
#6 230-240	.06	0.002	1.6	8	232	19	5	199	10
#6 240-250	.11	0.003	2.1	18	180	27	21	123	335
#6 250-260	.11	0.003	1.6	9	249	36	5	91	160
#6 260-270	2.30	0.067	2.7	24	955	20	5	87	85

DIAMOND DRILL HOLE NO. : 479-72-6
DATE DRILLED: 1972 DATE LOGGED: November 27, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
270	314	Lapilli Tuff	- irregular angular felsic to mafic fragments to 3 cm crowded in a finer felsic to mafic matrix - generally hornfelsed throughout - weak to moderate magnetic throughout - quartz and calcite on matrix and veins - bleached bands parallel to pyrite veinlets due to argillic alteration - propylitic alteration of mafic sections
314	382	Missing Core	
382	490	Lapilli Tuff	- as above - minor pyrrhotite as disseminations - 3 to 10% pyrite mainly on fractures at 0°, 30° and 60° to core axis - sections with multiple quartz pyrite veins
490	530	Feldspar Porphyry	- non magnetic - 5 to 10% pyrite with calcite on fractures and disseminated - silicification as quartz veins and flooding of matrix
530	550	Hornfels	- very fine grained dark grey to black - originally a fine grained sediment? - 5% pyrite on veins and disseminations - non magnetic
550	562	Feldspar Porphyry	- sub-hedral feldspar phenocrysts to 7mm in a fine silicious matrix - 5% pyrite disseminated - non magnetic
562	640	Missing Core	

Certificate of ASSAY

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Type:ROCK ASSAY

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#6 270-280	.12	0.004	1.1	8	223	11	2	36	40
#6 280-290	.05	0.001	.9	5	122	18	2	27	5
#6 290-300	.03	0.001	1.0	6	127	10	2	16	5
#6 300-308	.02	0.001	.7	9	109	8	3	35	10
#6 308-314	.03	0.001	.7	10	265	15	3	26	5
#6 382-390	.04	0.001	1.1	5	106	16	2	27	5
#6 390-400	.17	0.005	1.0	6	357	9	2	20	5
#6 400-410	.20	0.006	.7	9	206	6	2	30	15
#6 410-420	.03	0.001	.5	5	55	5	1	15	95
#6 420-430	.18	0.005	1.3	13	328	15	1	26	25
#6 430-440	.12	0.004	.9	10	109	10	1	15	5
#6 440-450	.20	0.006	1.3	5	227	16	1	24	20
#6 450-460	.05	0.001	.6	6	174	12	2	20	30
#6 460-470	.03	0.001	1.0	8	91	8	1	20	15
#6 470-480	.02	0.001	.7	7	105	7	2	13	10
#6 480-490	.03	0.001	1.1	4	195	7	1	13	30
#6 490-500	.02	0.001	1.4	7	111	6	4	11	40
#6 500-510	.01	0.001	1.1	5	13	5	2	9	40
#6 510-520	.04	0.001	1.3	6	13	7	2	14	60
#6 520-530	.08	0.002	3.4	5	224	8	3	20	110
#6 530-540	.03	0.001	1.1	5	157	8	1	34	40
#6 540-550	.07	0.002	1.1	6	287	16	2	25	30
#6 550-562	.14	0.004	2.0	9	415	49	4	79	75

DIAMOND DRILL HOLE NO. : 479-72-6 Page 3 of 3
DATE DRILLED: 1972 DATE LOGGED: November 27, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
640	840	Hornfels	- as above - 10% pyrite disseminated and on veins throughout - moderate magnetic - minor calcite decreasing with depth - variable silicious hornfels - sericite as bleaching on vein selvages
840	855	Rhyolit Dyke?	- strong argillic alteration - > 10% pyrite throughout - crosscutting quartz veins chalcedonic - non magnetic
855	902	Missing Core	
902	925	Hornfels	- light to dark grey mottled - moderate magnetic - 40% fault gouge - quartz pyrite veins with sericite alteration selvages - sections of strong silicification
925		End of Hole	

Certificate of ASSAY

Company:CYPRUS METALS
Project:
Attention:A.JACKSON
We hereby certify the following results for samples submitted.

File:7-2043/P1
Date:DEC 14/87
Type:ROCK ASSAY

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#6 640-650	.03	0.001	1.2	8	115	7	1	19	25
#6 650-660	.15	0.004	1.8	12	949	11	2	23	20
#6 660-670	.09	0.003	1.7	6	366	17	1	25	20
#6 670-680	.02	0.001	1.7	10	239	100	3	22	10
#6 680-690	.04	0.001	.8	10	132	21	2	20	15
#6 690-700	.02	0.001	1.2	14	139	18	3	23	10
#6 700-710	.03	0.001	1.0	2	136	15	3	20	10
#6 710-720	.11	0.003	1.3	12	295	18	2	23	15
#6 720-730	.41	0.012	1.5	7	479	14	3	28	10
#6 730-740	2.79	0.081	13.1	6	4854	13	4	40	30
#6 740-7.0	.04	0.001	1.5	11	348	15	2	24	10
#6 750-760	.12	0.004	2.0	8	495	6	5	20	5
#6 760-770	.11	0.003	1.6	8	732	13	3	23	10
#6 770-780	.07	0.002	1.2	5	529	12	1	22	10
#6 780-790	.06	0.002	1.0	10	444	14	1	24	5
#6 790-800	.10	0.003	1.3	12	483	12	2	23	10
#6 800-810	.13	0.004	2.2	11	745	10	2	34	15
#6 810-820	.17	0.005	1.2	13	278	9	1	22	10
#6 820-830	.18	0.005	1.0	11	252	13	3	19	10
#6 830-840	.07	0.002	.6	12	279	16	3	18	15
#6 840-850	.11	0.003	.3	5	316	12	2	17	25
#6 850-855	.13	0.004	.4	6	214	13	1	32	20
#6 902-910	.09	0.003	.3	17	270	17	1	19	20
#6 910-920	.16	0.005	.5	12	392	18	3	24	15
#6 920-925	.10	0.003	.4	3	425	12	1	19	10

DIAMOND DRILL HOLE NO. : 479-72-7 Page 1 of 2
DATE DRILLED: 1972 DATE LOGGED: December 1 and 4, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
0	26	Missing Core	
26	40	Rubble	- non magnetic - non calcareous
40	55	Quartz Diorite	- fine grained milky feldspars to 1mm in a fine dark grey felsic silicious matrix
55	80	Hornfels	- minor calcite on fractures - 80 feet pyrrhotite on vein
80	85	Quartz Diorite	- very fine grained
85	91	Shear Zone	- leucocratic gouge with minor calcite
91	147	Diorite	- very fine grained - minor quartz epidote veining - 2% disseminated pyrite - non magnetic - 132 to 135 shear zone
147	154	Shear Zone	- argillic altered leucocratic gouge
154	225	Missing Core	
225	240	Hornfels	- minor calcite on fractures - moderate argillic alteration - good chalcedonic quartz and aections of strong silicification - 239 sphalerite on quartz vein - banded quartz pyrite veins
240	270	Diorite	- as above - very fine grianed - weak magnetic
270	365	Hornfels	- dark grey to black - is a hornfelsed dark fine grained sediment - 10% pyrite disseminated and on veins - more leucocratic bands due to argillic alteration and quartz - 278 feet calcite gypsum vein

Certificate of ASSAY

Company:CYPRUS METALS
Project:
Attention:A.JACKSON
We hereby certify the following results for samples submitted.

File:7-2043/P1
Date:DEC 14/87
Type:ROCK ASSAY

Sample Number	AU G/TONNE	AU OZ/TON							
#7 26-30	.37	0.011	1.3	11	429	18	12	71	20
#7 30-40	.18	0.005	.4	11	66	12	4	35	20
#7 40-50	.12	0.004	.4	9	62	15	4	40	15
#7 50-60	.05	0.001	.6	3	34	12	3	38	10
#7 60-70	.04	0.001	.9	8	37	21	3	45	30
#7 70-80	.16	0.005	.9	8	51	36	4	60	35
#7 80-90	.04	0.001	.9	7	35	21	3	86	770
#7 90-100	.12	0.004	.8	8	45	31	4	84	470
#7 100-110	.34	0.010	.9	7	70	34	3	87	35
#7 110-120	.07	0.002	.6	5	38	22	5	41	25
#7 120-130	.09	0.003	.8	9	56	24	6	46	20
#7 130-140	.18	0.005	1.2	6	72	21	4	82	30
#7 140-150	.11	0.003	.9	11	95	36	4	103	30
#7 150-154	.13	0.004	2.0	13	111	33	6	247	135
#7 225-230	.19	0.006	2.1	198	157	25	2	79	755
#7 230-240	.36	0.011	1.6	333	91	68	2	367	1260
#7 240-250	.02	0.001	.6	2	32	14	3	48	135
#7 250-260	.03	0.001	.4	8	110	13	1	50	55
#7 260-270	.08	0.002	.6	8	117	16	1	49	65
#7 270-280	.17	0.005	2.4	19	122	56	2	60	30
#7 280-290	.06	0.002	.9	10	129	43	3	66	25
#7 290-300	.18	0.005	.7	16	142	21	2	55	320
#7 300-310	.09	0.003	.9	7	76	17	3	49	30
#7 310-320	.04	0.001	1.1	4	63	26	2	106	25
#7 320-330	.02	0.001	.8	9	82	23	4	66	25
#7 330-340	.06	0.002	.6	10	146	25	3	61	15

DIAMOND DRILL HOLE NO. : 479-72-7 Page 2 of 2
DATE DRILLED: 1972 DATE LOGGED: December 1 and 4, 1987.

FOOTAGE FROM feet	TO feet	LITOLOGY	MODIFYING FEATURES
			- 358 feet 2cm epidote quartz vein
365	388	Missing Core	
388	412	Hornfels	- as above
412	435	Missing Core	
435	458	Hornfels	- as above - magnetic - calcite on fractures - epidote on quartz veins
458		End of Hole	

Certificate of ASSAY

Company:CYPRUS METALS File:7-2043/P1
Project: Date:DEC 14/87
Attention:A.JACKSON Type:ROCK ASSAY
We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	HG PPB
#7 340-350	.12	0.004	1.0	9	211	24	2	57	20
#7 350-360	.17	0.005	2.3	9	771	17	4	71	40
#7 360-365	.05	0.001	.5	3	102	17	2	47	15
#7 388-400	.21	0.006	1.8	21	198	152	9	123	30
#7 400-412	.03	0.001	.8	12	98	19	3	47	20
#7 435-440	.42	0.012	1.8	390	332	81	4	669	75
#7 440-450	.03	0.001	1.2	4	224	34	2	88	25
#7 450-458	.09	0.003	1.2	3	152	38	2	67	40

APPENDIX II:

Geochemical Soil Sample Results

Geochemical Analytical Procedures

COMPANY: DURFELD GEOLOGICAL — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: SCUM LK. NEWTON I — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1701S/P1+2

ATTENTION: RUDY DURFELD — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * DATE:OCT 30, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	HG-PPB	AU-PPB
SL 5N 0000E	.8	5	21	11	1	162	40	27
SL 5N 0050E	.6	10	29	18	2	83	15	4
SL 5N 0100E	.6	9	29	13	2	93	10	52
SL 5N 0150E	.7	7	34	10	1	93	20	9
SL 5N 0200E	.8	11	37	10	2	118	10	6
SL 5N 0250E	.5	6	25	16	2	85	40	172
SL 5N 0300E	.5	7	18	11	1	110	30	3
SL 5N 0350E	.9	15	27	14	2	70	35	16
SL 5N 0400E	.8	7	22	15	3	58	30	8
SL 5N 0450E	.6	3	13	12	1	59	20	2
SL 5N 0500E	.6	7	26	13	3	90	15	12
SL 5N 0550E	1.5	1	61	62	2	494	40	47
SL 5N 0600E	.9	8	31	10	1	121	35	57
SL 5N 0650E	.6	4	17	16	2	89	30	27
SL 5N 0700E	.6	2	23	17	2	62	10	2
SL 5N 0750E	.6	6	20	15	2	51	40	6
SL 5N 0800E	.5	6	19	16	1	78	25	23
SL 5N 0850E	.7	11	26	17	3	107	30	69
SL 5N 0900E	.9	17	28	24	3	135	35	10
SL 5N 0950E	.8	9	29	32	3	142	25	5
SL 5N 1000E	.7	9	18	27	2	152	25	4
SL 5N 1050E	.5	7	24	24	3	108	20	2
SL 5N 1100E	.7	12	21	19	4	87	30	6
SL 5N 1150E	.3	9	20	15	1	118	20	87
SL 5N 1200E	1.0	1	24	16	3	96	25	13
SL 5N 1250E	.7	13	27	14	2	113	25	7
SL 5N 1300E	.6	8	30	11	2	111	20	4
SL 5N 1350E	.5	13	31	13	1	103	20	6
SL 5N 1400E	.6	7	24	9	1	96	15	285
SL 5N 1450E	.6	8	20	12	1	69	20	3
SL 5N 1500E	.7	6	15	4	3	81	25	7
SL 5N 1550E	.4	2	13	6	1	63	10	4
SL 5N 1600E	1.0	9	16	5	1	75	30	15
SL 5N 1650E	.8	8	17	9	1	69	5	8
SL 5N 1700E	.9	9	14	7	1	75	15	4
SL 5N 1750E	.9	8	13	6	2	72	30	6
SL 5N 1800E	.9	8	13	8	1	70	15	10
SL 5N 1850E	.8	3	13	8	2	77	35	9
SL 5N 1900E	.8	6	13	4	1	71	20	3
SL 5N 1950E	.9	11	14	7	2	78	15	6
SL 5N 2000E	.7	5	12	8	1	61	30	4
SL 10N 0000E	.6	8	20	7	1	82	35	7
SL 10N 0050E	.9	10	17	8	2	79	20	8
SL 10N 0100E	.7	8	23	9	2	67	25	19
SL 10N 0150E	.6	5	18	13	2	77	20	12
SL 10N 0200E	.4	9	46	16	1	50	375	250
SL 10N 0250E	.5	7	23	12	3	62	25	32
SL 10N 0300E	.7	7	30	17	3	67	15	43
SL 10N 0350E	.5	6	39	17	3	50	40	110
SL 10N 0400E	.6	1	39	10	2	72	20	26
SL 10N 0450E	.6	8	111	21	3	86	20	38
SL 10N 0500E	.8	12	85	21	4	153	25	43
SL 10N 0550E	.3	2	17	8	1	148	10	9
SL 10N 0600E	.4	3	24	13	2	144	15	42
SL 10N 0650E	.3	12	46	30	1	64	20	580
SL 10N 0700E	.3	8	43	32	3	78	15	138
SL 10N 0750E	.9	8	25	13	2	87	15	16
SL 10N 0800E	.4	5	13	14	2	102	10	8
SL 10N 0850E	.4	5	12	13	1	94	15	5
SL 10N 0900E	.5	6	12	16	2	129	10	4

COMPANY: DURFELD GEOLOGICAL — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: SCUM LK. NEWTON I — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-17019/P3

ATTENTION: RUDY DURFELD — (604)980-5814 OR (604)988-4524 — * TYPE SOIL GEOCHEM * — DATE:OCT 30, 1997

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	HG-PPB	AU-PPB
SL 10N 0950E	.6	8	11	17	3	153	15	9
SL 10N 1000E	.5	6	14	19	2	138	20	5
SL 10N 1050E	.7	10	14	23	3	212	15	18
SL 10N 1100E	.6	8	16	24	2	187	10	18
SL 10N 1150E	.6	6	18	19	3	156	15	21
SL 10N 1200E	.6	7	15	13	2	162	10	27
SL 10N 1250E	.7	6	13	16	2	163	15	4
SL 10N 1300E	.9	9	14	15	2	93	15	36
SL 10N 1350E	.3	1	9	8	1	151	15	6
SL 10N 1400E	.5	7	18	12	2	124	20	25
SL 10N 1450E	.6	6	15	6	2	72	15	7
SL 10N 1500E	.3	2	11	12	1	104	10	4
SL 10N 1550E	.9	4	16	12	2	65	25	8
SL 10N 1600E	.6	7	9	7	1	75	10	4
SL 10N 1650E	.8	7	10	13	1	69	15	3
SL 10N 1700E	.6	6	10	7	2	77	15	4
SL 10N 1750E	.7	6	13	7	1	72	30	4
SL 10N 1800E	.5	6	9	5	1	107	5	3
SL 10N 1850E	.8	6	13	6	1	82	15	12
SL 10N 1900E	.5	3	14	6	1	58	5	3
SL 10N 1950E	1.1	1	12	8	3	48	10	8
SL 10N 2000E	.8	4	15	8	1	91	10	6
SL R1	.7	26	26	29	1	123	25	24
SL R2	3.8	40	224	102	2	1121	140	127
SL R3	1.4	6	243	43	7	384	25	120
SL R4	2.0	1	164	61	10	186	225	630
SL R5	.4	2	403	59	11	98	95	165

PHONE 980-5814

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

MERCURY ANALYTICAL PROCEDURE FOR ASSESSMENT FILING

1.000 gram sample digested with Nitric and Sulphuric Acid. Than further oxidized with 30% H_2O_2 while heating and repeating the oxidizing steps.

After cooling and diluting to suitable volume the solution to refine the oxidation procedure 5% $KMNO_4$ is added in the titrating manner until pink color is obtained.

Mercury is realized by reducing solution into the Flameless Atomic Absorption Chamber and measured in comparing samples with known standards.

PHONE: (604) 980-5814 or 988-4524

TELEX: 04-352828

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

Analytical Procedure Report for Assessment Work

31 Element ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn, Ga, Sn, W, Cr

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th Street, North Vancouver, employing the following procedures.

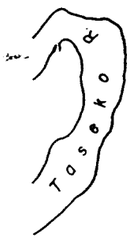
After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by a jaw crusher and pulverized by ceramic plated pulverizer or ring mill pulverizer.

1.0 gram of the sample is digested for 4 hours with an aqua regia $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

LEGEND

○ Diamond Drill Hole Location
X Rock Sample Location
Grid Line
7 / 18 / 6 Gold (ppb)
.6 / .4 / .3 Silver (ppm)



0+00 | 10+00 E | 20+00 E

7 8 19 12 250 32 43 110 26 38 43 9 42 580 138 16 8 5 4 9 5 18 18 21 27 4 36 6 25 7 4 8 4 3 4 4 3 12 3 8 6
479-72-7
479-72-4
10+00 N
.6 .9 .7 .6 .4 .5 .7 .5 .6 .6 .8 .3 .4 .3 .3 .9 .4 .4 .5 .6 .5 .7 .6 .6 .6 .7 .9 .3 .5 .6 .3 .9 .6 .8 .6 .7 .5 .8 .5 1.1 .8
479-72-6
479-72-5

X X X
ELEV. 4466'
NEWTON HILL

27 4 52 9 6 172 3 16 8 2 12 47 57 27 2 6 23 69 10 5 4 2 6 87 13 7 4 6 285 3 7 4 15 8 4 6 10 9 3 6 4
5+00 N
.8 .6 .6 .7 .8 .5 .5 .9 .8 .6 .6 1.5 .9 .6 .6 .6 .5 .7 .9 .8 .7 .5 .7 .3 1.0 .7 .6 .5 .6 .6 .7 .4 1.0 .8 .9 .9 .9 .8 .8 .9 .7
X
X
X X

NEWTON
I | II
LCP

NEWTON PROPERTY

GEOCHEMICAL MAP

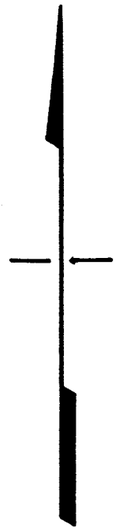
FIGURE 3a
SILVER / GOLD

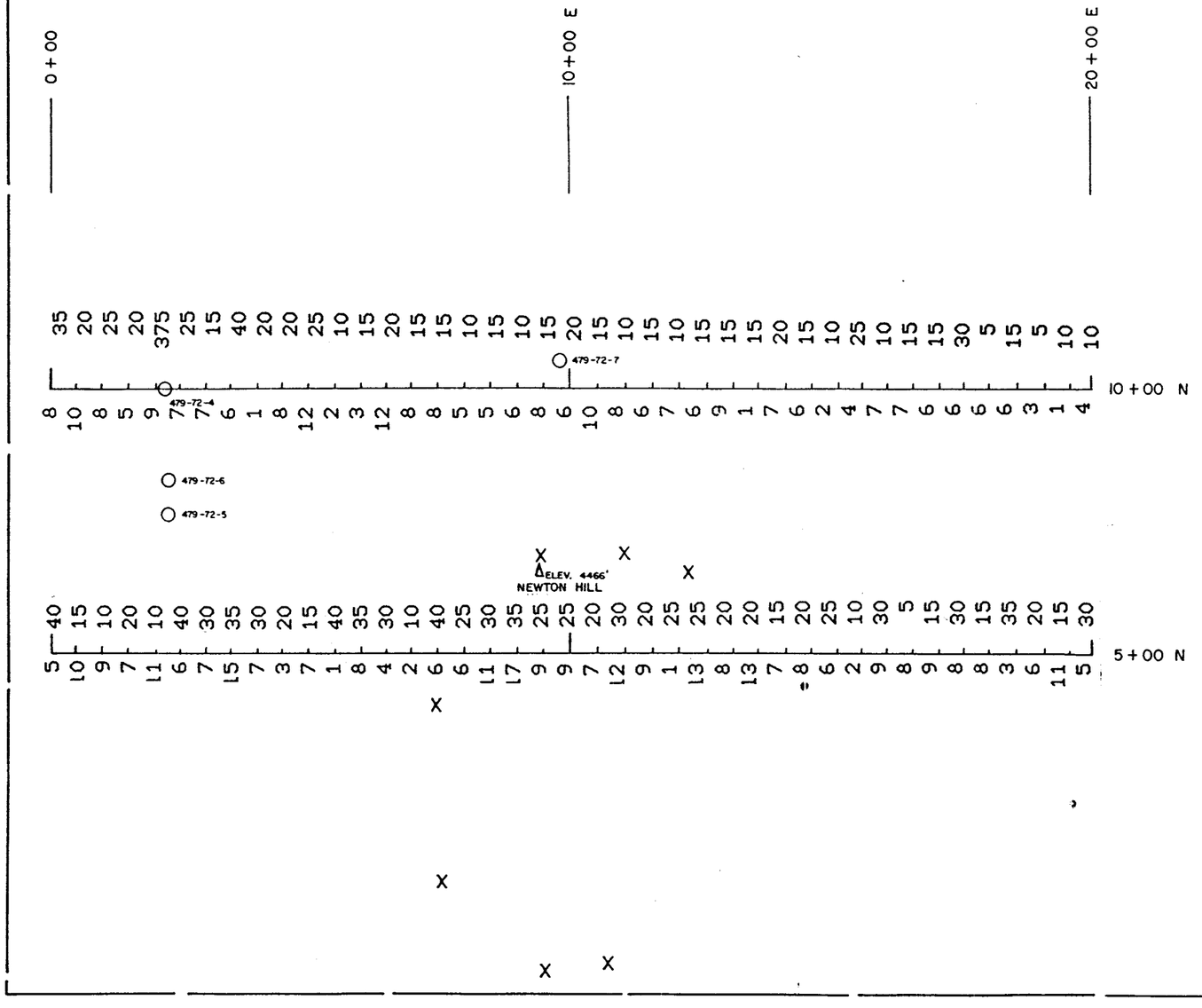
Scale 1 : 10 000

250m 0 500m

LEGEND

- ○ Diamond Drill Hole Location
- X Rock Sample Location
- Grid Line
- 35 / 8 Mercury (ppb)
- 12 / 7 Arsenic (ppm)





NEWTON PROPERTY

GEOCHEMICAL MAP

FIGURE 3 b

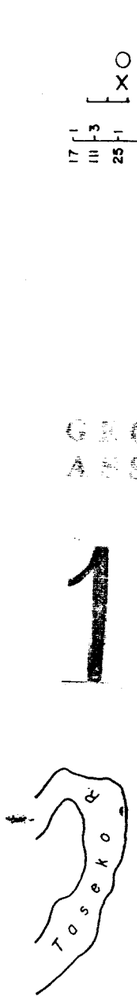
MERCURY / ARSENIC

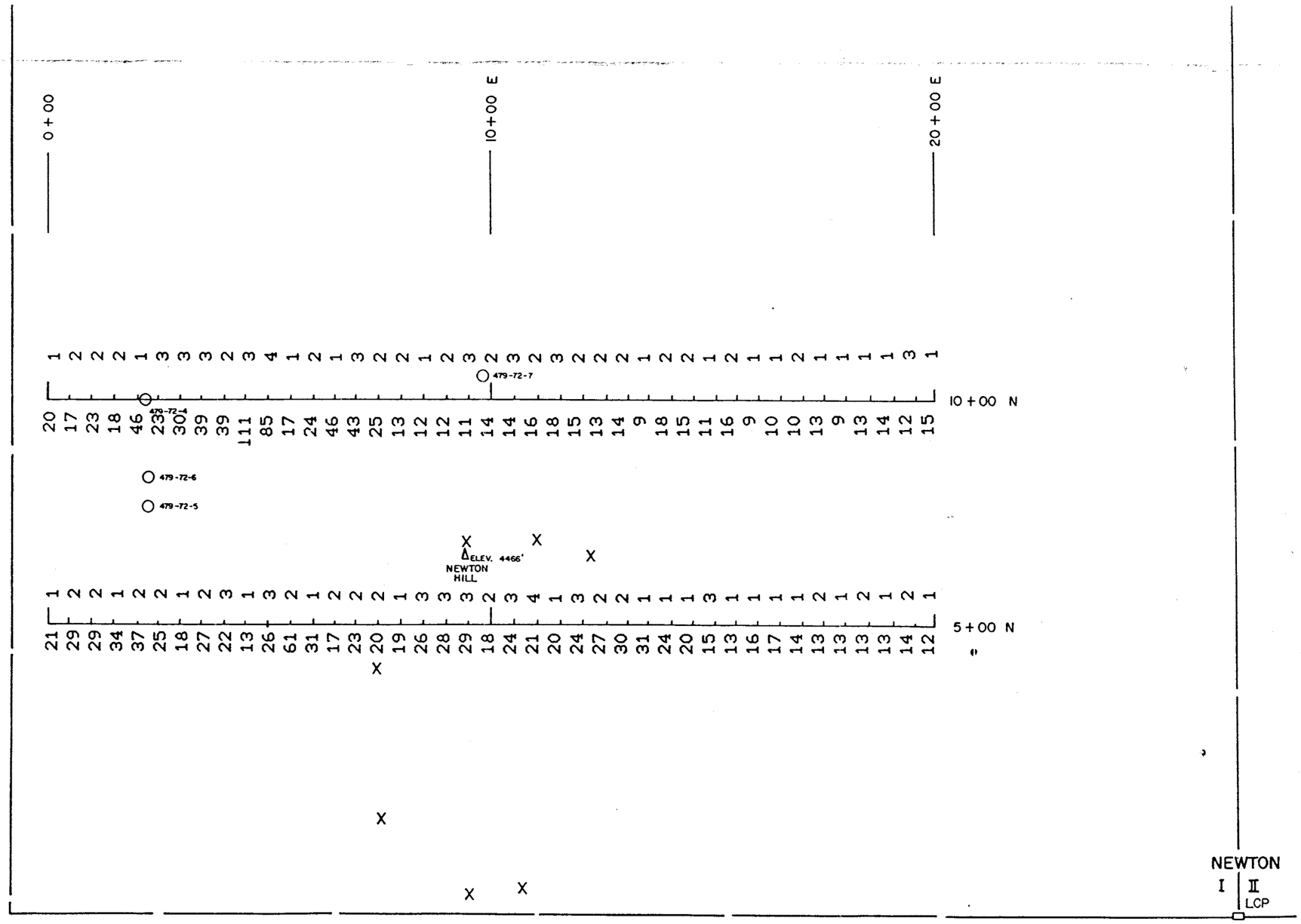
Scale 1 : 10 000

250m 0 500m

LEGEND

- ○ Diamond Drill Hole Location
- X Rock Sample Location
- Grid Line
- Antimony (ppm)
- Copper (ppm)





NEWTON PROPERTY

GEOCHEMICAL MAP

FIGURE 3c

COPPER / ANTIMONY

Scale 1 : 10 000

250m 0 500m