exploration Itd. GEOLOGY • GEOPHYSICS MINING ENGINEERING

85-555 13895

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6/86

PRELIMINARY GEOCHEMICAL REPORT

on the

SUMMIT PROPERTY - YMIR B.C.

Nelson Mining Division - British Columbia

Lat. 49[°] 21' N

Long. 117° 08' W

for

Nugget Mines Ltd.

by

D.G. Allen, P. Eng (B.C.)

and

S.A. Endersby, P. Eng (B.C.)

ASSESSMENT REPORT

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SUMMARY

The Summit Group consists of 54 claim units held by Nugget Mines Ltd. They are situated in the Ymir gold-silver camp 8 kilometres northeast of Ymir and 18 kilo-metres southeast of Nelson and are accessible by logging road.

Ore deposits in the Ymir camp are localized in quartz veins where they intersect granitic wallrocks.

The Summit group has two known veins. The most prominent of these is the Summit vein which is a quartz vein 3 to 4 metres wide and exposed intermittently over a distance of at least 700 metres. It contains minor gold, silver, lead and zinc values. The second vein is known as the Elise vein. It is about 1 metre wide where exposed by a shaft and tunnel on the Elise claim side of Huckleberry Creek. Host rocks for these veins are argillite and phyllite of the Ymir group. Granite (favourable host for many of the Ymir ore deposits) occurs locally in float.

A small program of prospecting and geochemical sampling was done in August and September of 1984 by D.G. Allen and S.A. Endersby to follow up on the results of some similar work done in September 1982. The Summit vein was found to extend at least another 300 metres to the southwest. Also new ground was acquired which encompassed the Elise vein. The results of the soil sampling indicated weakly to moderate

anomolous zinc, lead, silver and gold values associated with the vein extensions.

CONCLUSION

The Summit vein is exposed intermittently over a distance of at least 700 metres and is still open and strong at both ends. A bench, which appears to be a topographic result of the vein, extends on strike for a considerable distance further to the northeast. This vein is probably part of a major vein system which includes the Pathfinder and Old Timer veins. The observed host rock is argillite of the Ymir group. Government reports indicate that tongues of granite outcrop along strike to the northeast. These outcrops have not yet been observed although granite float is evident in some locations. Because overburden is extensive the vein has not been exposed or tested in these favourable host rocks.

The Elise vein where exposed is not as strong as the Summit vein but is better mineralized. It has only been exposed over a short distance.

The results of the geochemical sampling and assaying indicate that the veins are favourable for mineralization and could carry ore shoots in more favourable ground, particularly where they contact or cut areas of granite

which seem to be indicated by the presence of granitic float in several areas. Detailed geological mapping and geochemical sampling is warranted, particularly along the strike of the Summit vein to the northeast.

RECOMMENDATION

A flagged grid should be established in favourable areas of the property, and soil sampling and VLF-EM surveys coupled with geological mapping should be done.

Dorald G. allan

INTODUCTION

A total of 54 claim units are held by Nugget Mines

Ltd. in what is referred to as the Summit group of claims.

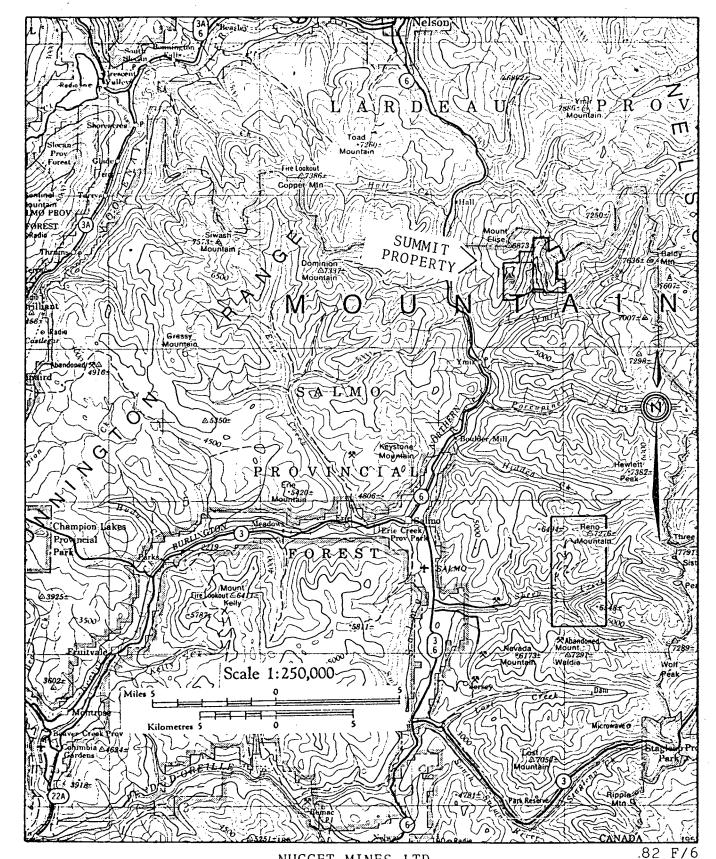
These claims are situated in the Ymir gold-silver camp.

Two veins are known in the property at the present time. The Summit vein has been developed by about 100 metres of underground workings in two adits, a shaft and several open cuts. The Elise vein has been developed by about 150 metres of underground workings in one adit, a shaft and open cuts. Both veins contain low grade gold and silver values.

Further geochemical sampling and prospecting were done on the property during August and September of 1984 and this report summarizes the results of that work.

LOCATION, ACCESS, PHYSIOGRAPHY

The Summit claims are situated 8 kilometres northeast of Ymir and 18 kilometres southeast of Nelson (figure 1). Access from the Nelson-Salmo highway is by logging road up Clearwater Creek to the northeast corner of the claims or by Wildhorse Creek and Huckleberry Creek to the south part of the claims. The Summit workings can easily by reached by foot.

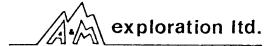


NUGGET MINES LTD.

LOCATION MAP

SUMMIT PROPERTY

Nelson Mining Division - British Columbia

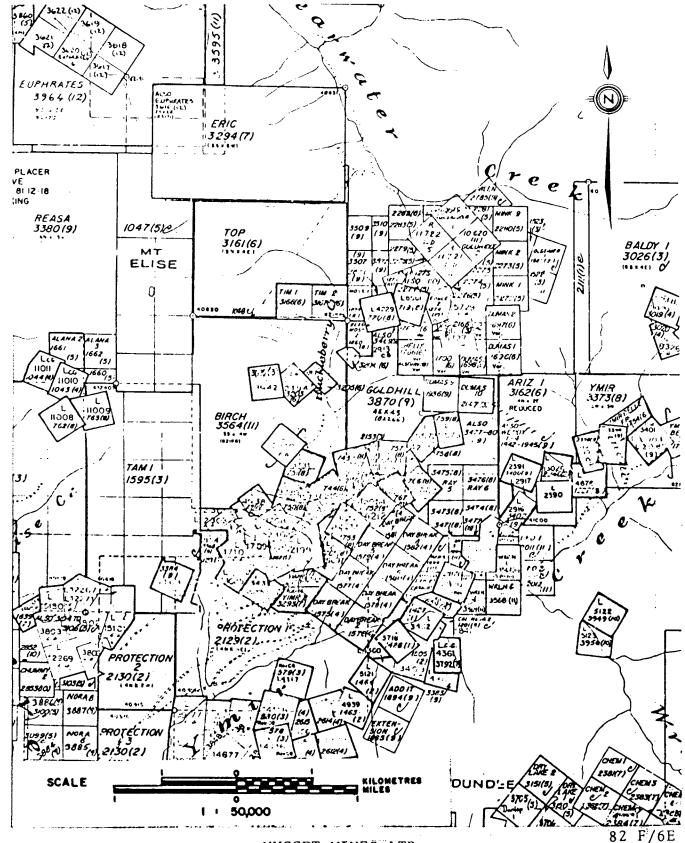


The claims lie between elevations 4000 and 5500 feet on the divide between Huckleberry Creek and the south branch of Clearwater Creek. Slopes are gentle to moderate and covered with cedar, fir and larch with a thick undergrowth of alder, huckleberry and false azalea.

CLAIM DATA

The property has been grouped as the Summit group and consists of the following claims. (See Figure 2)

Claim Name	Lot No.	Record No.	Type	Annivers Date	ary
Editor	5861	719	Rev. C.G.	August	8
Summit	4229	720	11 11	11	8
Eagle #1		1273	Two-post	October	1
Eagle #2		1274	II II	**	. 1
Eagle #3		1275	11 11	11	1
Moss #1		1859	n n	August	12
Moss #2		1860	rı 11	11	12
Tim #1		3166	11 11	June	6
Tim #2		3167	11 11	11	6
Lytton	2194	3203	Rev. C.G.	n	6
Ema	2913	3204	11 11	11	6
Elise	1310	3205	11 11	11	6



NUGGET MINES LTD.

CLAIM MAP

SUMMIT PROPERTY

Nelson Mining Division - British Columbia



	Claim Name	Lot No.	Record No.	Type		Anniversa: Däte	
Mos	s #6		3509	Two-po	st	September	9
Mos	s #7	•	3510	11	II *	II	9
Bir	ch 20 units)		3564	Mod. g	rid	November	4
Salı	mon Star	3942	3695	Rev. C	.G.	March	30
	dhill 16 units)	• :	3870	Mod. g	rid	September	12
Rave	en #1		3871	Two-po	st	- 11	12
Rav	en #2		3872	11	*1	11	12
Rave	en #3		3873	11	II .	п	12

Total - 54 claim units

GEOLOGY

The Summit claims are underlain by argillite, slate and phyllite of the Ymir group (Permian? to Lower Jurassic?). Bedding attitudes observed on the western claims are north-south and dips are steep to the west.

Porphyritic granite of the Nelson Plutonic suite outcrops to the west and is reported by Drysdale (1917) and McAllister (1951) to occur throughout the Ymir area as tongues or dikes ranging in width from a metre to many kilometres.

MINERALIZATION

Ymir Camp

According to Drysdale (1917), the ore deposits of the Ymir gold-silver camp occur mainly in fissure-type quartz veins. The veins trend east-northeast and dip steeply to the northwest. Ore shoots owe their localization to changes in host rock types or to the intersection of the vein with dikes or other faults. Drysdale reports examples of well-defined fissure veins containing only barren quartz except where they intersect with granite tongues. Best ore material is obtained where wallrock of such veins is granitic rather than sedimentary.

Summit Vein

A prominent quartz vein up to 4 metres wide is exposed discontinuously on the Summit claim. This showing was briefly described by Drysdale (1917) and O'Grady (1928) who reported negligible gold and silver values. The vein trends 050° to 067° and dips 70° to the northwest and has been traced for a distance of at least 700 metres. Overburden covers the extension in both directions. A flat bench on the hillside, possibly a topographic expression of the vein, suggests that the vein extends for a distance of up to 1500 metres across both the Summit and Editor claims (figure 3). The vein has a similar trend with that

of the Pathfinder and Old Timer veins to the east of the Summit group and is in line with both, indicating that all may be part of the same vein system.

The Summit vein consists of milky white quartz with scattered narrow vugs lined with quartz crystals. Minor amounts of pyrite occur in thin seams with manganese oxides parallel to vein walls and as disseminated cubes in wallrock and wallrock inclusions in the vein. Analysis of a sample of the more pyritic vein material indicate minor zinc (3140 ppm), lead (482 ppm) silver (9.6 ppm) and gold (0.13 oz/ton) values.

Elise Vein

A quartz vein about 1 metre in width is exposed over a short distance on the west side of Huckleberry Creek on the Elise claim. It is very briefly described in the B.C. Ministry of Mines Annual Reports for 1896 and 1933. A crosscut tunnel was driven about 300 feet to intersect the vein, which was then drifted on for about 140 feet. Although the tunnel is not yet accessible, the vein is reported to be about 3.5 to 4.0 feet wide, strikes at N.54° E and dips steeply to the northwest. The vein is composed of stringers and lenses of quartz in the sheared country rock.

GEOCHEMISTRY

A total of 144 soil, silt and rock samples were taken on a reconnaissance basis around the claim group during August and September of 1984. Approximately two kilometres of line were run in a series of short traverses across the projections of the two known veins and down slope from them in an attempt to pick up any indications of ore shoots on the unexposed sections.

The soil material sampled consisted mainly of talus fines taken at depths of 10 to 20 centimetres. The material was placed in Kraft paper bags and sent to Rossbacher Laboratories where they were analyzed for six elements (Pb, Zn, Ag, Cu, Mo, Au) by standard atomic absorption analysis. The results are presented in Appendix I and on Figure 6. While moderately anomolous values for Pb, Zn, Ag, and Au were in several cases associated with samples taken close to where the vein would be expected to be, there were no persistent anomolous areas found which appeared to be indicative of an unexposed one shoot.

A line of soil samples on about a 30 metre spacing was run down the road just west of the Elise shaft, where the vein was projected to cross the road at about L3-115. Several of the stations showed low gold values and the one directly in line with the vein showed 130 ppb. The road embankment was then widened by bulldozing at this location but the over-

burden was deeper than anticipated and the vein was not exposed. A repeat line of soil samples along the widened road embankment was done at a closer spacing (every 5 metres) for about 20 metres on each side of where the vein should have been. This sampling did not repeat the original results.

About four short lines were put across the extension of the Summit vein southwest of the Summit portal. The vein in this area is generally not exposed but shows its presence by a very pronounced bench along the hillside where it diagonally cuts across the argillites. The sample lines cutting across this showed moderately anomolous values for silver, gold, lead and zinc when they were close to the vein, but none of the values found at these locations were high enough to point to zones of higher grade mineralization.

The overburden is generally not too deep along the unexposed areas of the vein and it is very likely that if higher grade zones of mineralization exist along the vein the geochemical sampling would pick it up. Of particular interest is the projection of the Summit vein to the northeast where the old reports indicate the presence of tongues of granite which probably cut across the vein. These are favourable areas for ore in the Ymir camp and a more extensive geochemical grid done in conjunction with a VLF-EM survey is proposed for these areas.

TABLE 1

ROCK SAMPLE DESCRIPTIONS

Sample No.	Description
LA 125W near 14R	Sample of quartz float in testhole, which is probably not far from southwesterly extension of Summit vein.
64363	Sample along access road up Huckleberry Creek to Elise.
64364	Sample of vein material from dump of Elise shaft.
64365	Sample of vein material from dump of Elise shaft.
64366	Sample of float along road about 230 metres south of 64363.
64367	Sample of quartz float in small creek bed on 388 M. north of initial post of Raven 1.
64368 (EAT 151)	Pyritic black shale at portal of Elise tunnel.
64369 (EAT 152)	Grab sample of quartz from Elise tunnel dump. Contains minor amounts of pyrite as wavy zones of dissoc. pyrite cubes.
64370 (EAT 153)	Pyritic Wallrock-abundant-30% pyrite as 1-2 mm cubes in black argillite wallrock. Some quartz vein material.
64371 (EAT 154)	Fault at 075/76 SE. Sample taken across 20 cm. in pyritized and weakly bleached argillite. Change in bedding suggests left lateral movement.
64372	Location not recorded.
64373 (EAT 155)	Sample from dump near Elise shaft. Grey to white quartz, some pyrite and trace amounts of galena and sphaterite.

TABLE 1 (cont'd)

ROCK SAMPLE DESCRIPTIONS

Sample No.	Description
64374 (EAT 159)	Quartz veined argillite-brecciated over 0.5 Mwhite quartz-vuggy. Pyrite on some fractures-unrelated to quartz veining? Trend 040°.
64375	Sample of quartz at portal of small caved tunnel at L11-52E.
64376	Sample of what appears to be vein material from north side of portal of small caved tunnel at 111-52E.

REFERENCES

- Drysdale, C.W., (1917). Ymir Mining Camp, B.C., Geol. Surv. Canada, Memoir 94.
- McAllister, A.L., (1951). Ymir Map Area, Geol Surv. Canada, Paper 51-54.
- O'Grady, B.T., (1928). Summit Group, in B.C. Min. Mines Ann. Rept. 1928, p. C334.
- Little, H.W., (1960). Nelson Map Area, West Half, Geol. Surv. Canada, Memoir 308.
- Allen, D.G., (1982). Preliminary Geochemical Report on the Summit, Editor, Moss and Eagle claims. 1982 Associated Report.
- Annual Report, B.C. Minister of Mines, 1896, p. 75.
- Annual Report, B.C. Minister of Mines, 1933, p. A227.

AFFIDAVIT OF EXPENSES

This will certify that prospecting and geochemical sampling and base map preparation, were carried out between August 1, 1985 and May 31, 1985 on the Summit group of claims in the Ymir area to the Nelson Mining Division, British Columbia to the value of the following:

Mobilization and Fieldwork

Salaries	
D. G. Allen 2 days @ \$300/day S. A. Endersby 2 days @ \$250/day	\$ 600.00 500.00
Vehicle expenses Room and board Geochemical Analysis and Assay	270.00 110.00 1,499.45
Report	
D. G. Allen 1.5 days @ \$300/day	450.00
Cost of old survey notes	65.00
Base map preparation and drafting 40 hrs. @ \$15	600.00
Map reproduction and photocopying	75.00
Total	\$4,169.45

Vancouver, B.C. August 28, 1985

Donald G. Allen P. Eng. (B.C.)

CERTIFICATE

- I, Donald G. Allen, certify that:
 - I am a Consulting Geological Engineer for A & M Exploration Ltd. with offices at 614-850 West Hastings Street, Vancouver, British Columbia.
 - 2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).
 - 3. I have been practising my profession since 1964.
 - 4. I am a member in good standing of the Association of Professional Engineers of British Columbia.
 - 5. This report is based on fieldwork carried out personally and by S. A. Endersby.
 - 6. I hold no interest in, nor do I expect to receive any, in the Summit group of claims.

Vancouver, B.C. August 28, 1985

Donald G. Allen P. Eng. (B.C.) APPENDIX 1

ANALYTICAL RESULTS

CERTIFICATE OF ANALYSIS

2225 SOUTH SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299-6910

TO: NUGGET MINES LTD. 1124 LEE STREET WHITE ROCK B.C. CERTIFICATE NO. :84314 - 1

INVOICE NO. :4317

	PROJECT: NONE					DATE ANALYSED : AUGUST 15 1984
		PPM	PPM	PPM	FFB	
	SAMPLE#	<u> </u>	Zn_	<u>Pb</u>	Au	
S	L 1 - 536 - 20S	0.4	62	64	10	
S	105	0.4	202	114	10	
S	O	2.2	1200	700	70	1,1011 010100
S	4N	4.2	1600	980	360	> WALL CLAIMS.
<u>S</u>	1 <u>0N</u>	0.4_	124_	204	<u>10</u>	
S	20N	0.2	182	94	10	j
S	L 1 - 536 - 30N L 3 - 0	6.8 0.6	520 200	10600	10 30	→
S S	L3 - 0 L3 - 1 - 285	0.2	172	48 30	10	
5 5	L 3 - 1 - 265 L 3 - 2 - 576	0.4	192	28	10	
2		0.6	≛/≜- 186	<u></u>	±⊻ 10	and the first time and then the first time the time and the first time that the time time and time time time time time time time time
	L 3 - 4 -1148	0.2	116	14	130	
S	L 3 - 5 -1448	0.2	148	18	10	
S	L 3 - 6 -1768	1.0	184	18	10	
<u>s</u> .	L 3 - 7 -2045	0.2	158	18	30	
5	L 3 = 8 -2365	0.6	142	18	20	
S	L 3 - 9 -2659	0.8	172	- 18	20	
L	L 3 - 10 -2785	0.6	220	28	10	•
S	L 3 - 11 -2908	0.6	500	30	30	
<u>L</u>	<u>L3-12-400X</u>	_0.2_	134_	18	10	
S	LA 34W - 2L	1.2	168	22	10	
S	2R	1.0	184	24	10	
S	5R	1.4	202	28	10	
S	10R 17R	1.6	286 178	26 24	10 10	
S S		1.2	±49- 220		±⊻ 10	
S	LA 34W - 21R	2.2	174	36	20	
5	- 26R	1.0	220	32	10	
S	30R	1.0	254	28	10	
	35R	0.6	250	30	10	
<u>S</u>	39R	0.6	218	26	10	
S	45R	0.6	252	34	10	
5	LA 34W - 50R	1.0	352	50	40	
S	LA 125W - 8L	0.6	194	30	10	
<u>S</u>	<u>_</u>	_0.4_	<u>180</u> _	52_	20	
(5)	5R	0.6	166	30	10	
	10R	0.4	170	32	10	
5 5	14R	0.4	150	26	10	
5 5	18R 25R_	0.6 0.6	182 174	24 70	10 10	
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CERTIFICATE OF ANALYSIS

2225 SOUTH SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299-6910

TO: NUGGET MINES LTD. 1124 LEE STREET WHITE ROCK B.C. CERTIFICATE NO. :84314 - 2

INVOICE NO. :4317

	PROJECT: NONE					DATE ANALYSED : AUGUST 15 1984
		PPM	PPM	PPM	PPB	•
	SAMPLE#	Aq	Zn	Pb_	Au	
S	LA 125W - 30R	0.6	160	26	10	
S	40R	0.4	152	28	10	
S	LA 125W - 50R	0.8	166	26	10	
S	LA 200W - 20L	0.4	172	40	10	
<u>S</u>	10L	0.4_	166_	26	10	
S	O	0.2	150	20	10	
S	7R	0.2	138	52	10	
S	13R	2.0	150	26	50	
S	18R	0.4	164	22	20	
S	LA 200W - 30R	<u>0.4</u> .	164_	30_	10	
T	LA 125W-NEAR 14R	1.2	36	222	70	
11.5						

CERTIFIED BY

Honsbach

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO: NUGGET MINES LTD.
1124 LEE STREET
WHITE ROCK. B.C.

FROJECT No.:

CERTIFICATE No.: 84405 - 1 INVOICE No.: 4453 DATE ANALYSED: SEPT.17.1984 FILE NAME: NUG405

FRE		FFM	PPM	FPM	PPB		•
FIX	SAMPLE NAME	Aa	Pb_	<u>Zn</u>	Au		
S	L1 - 319N	3.4	9200	690	10	<u> </u>	C + O /AO C
S	320N	1.4	2750 -	378	10	>WALL	CLAIMS
S	L2 - 0 '	0.8	48	162	10.	J	
S	L3 - 90S	0.8	8	206	10	-	
_5	958	1.0	<u>18</u>	144	<u> 10</u>	· · · · · · · ·	
8	1005	0.8	24	112	10		,
S	1058	1.0	18	172	10		
S	1108	0.4	16	138	10		
S	4158	0.6	12	110	10		
S	120S	0.6	16	158	10	***** **** **** **** **** ****	
S	1258	0.8	20	112	10		
S	1305	1.2	16	122	10		,
S	L4 - 0	1.0	12	138	10		
S	15N	0.8	14	206	10		
9	<u> </u>	1.2	14	130	10_		
(5	45N	0.8	1.4	128	10		
	60N	1.0	16	170	10		
S	75N	0.4	12	114	10		
S	90N	0.8	22	368	10		
5	105N	2.0	18	348	10_		
S	120N	0.6	8	94	10		
5	135N	0.6	20	132	10		
5	150N	1.0	16	134	10		
S	165N	2.6	20	242	10		
	180N	1_6_	12	<u></u>	10_		
S	195N	1.2	10	58	10		•
S	L5 - <u>40</u>	0.4	20	106	10		
S	7 5	0.8	12	124	10		
S	90	0.4	10	94	10		
5	105	<u> </u>	8	100	10_		
S	120	1.0	18	126	10		
9	135	0.6	14	146	10		•
S	150	0.6	14	136	10		
S	1.65	1.4	14	264	10		
_ <u>_</u>	180	<u> </u>	16	126	10_		
S	195	0.6	24	150	10		
S	210	0.4	8	82	10		
S	225	0.6	28	142	10		
S	240	0.4	10	172	10		
9	<u> L6 - 30W - 209</u>	<u></u>	24	126	<u> 10</u>		

CERTIFIED BY :

Mondade

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO: NUGGET MINES LTD.
1124 LEE STREET
WHITE ROCK, B.C.

PROJECT No.:

CERTIFICATE No.: 84405 - 2 INVOICE No.: 4453

DATE ANALYSED: SEFT.17.1984

FILE NAME: NUG405

PRE		PPM	PPM	PFM	PPB	
FIX	SAMPLE NAME	<u>Aa</u>	Fb_	Zn	Au	
S	L6 - 30W - 10S	0.6	16	138	10	
S	O	0.6	14	160	10	
S	10N	0.4	20	196	10	
S	20N	0.6	16	238	10	
_S	<u> </u>	1_0	14	106	10	
S	1105	1.2	32	178	10	
S	1005	1.6	16	152	10	
S	90S	1.6	16	178	√4 Q	
S	808	1.2	20	190	10	,
<u> </u>	705	<u></u>	18_	112	<u> 10</u>	tion and dies their tests that was their tour the time their time their dies built time their time their maje was time time time and
S	60S	0.6	1.6	92	10	
S	50S	1.0	24	100	10	
S	40S	0.8	16	104	10	
S	305	0.6	22	74	10	·
	205	1.0	26	112	<u> </u>	
<u> </u>	108	0.6	22	110	10	
S	O.	1.2	20	110	10	
S	1 ON	1.0	18	92	10	
S	20N	1.0	18	112	10	

CERTIFIED BY :

Assbard.

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO: NUGGET MINES LTD.
1124 LEE STREET
WHITE ROCK, B.C.

PROJECT No.:

CERTIFICATE No.: 84405.X - 1/ INVOICE No.: 4452

DATE ANALYSED: SEFT.27,1984

FILE NAME: NUG405.X

	oz/t	oz/t	7.	7.	·
SAMPLE NAME	Au	Aa_	Pb_	Zn	
64363	0.001	0.02			•
64364	0.042	3.28	0.06	0.16	
64365	0.196	3.08	0.04	0.06	•
64366	0.001	0.04			
64367	0.001_	_0.02_			MINE THE THE CHIEF SHEET SHEET SHEET CHIEF CHIEF SHEET
	64363 64364 64365 64366	SAMPLE NAME Au 64363 0.001 64364 0.042 64365 0.196 64366 0.001	64363 0.001 0.02 64364 0.042 3.28 64365 0.196 3.08 64366 0.001 0.04	SAMPLE NAME Au Ag Pb 64363 0.001 0.02 64364 0.042 3.28 0.06 64365 0.196 3.08 0.04 64366 0.001 0.04	SAMPLE NAME Au Au Pb Zn 64363 0.001 0.02 64364 0.042 3.28 0.06 0.16 64365 0.196 3.08 0.04 0.06 64366 0.001 0.04

CERTIFIED BY :

· Mosbores

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

CERTIFICATE OF ANALYSIS

TO: NUGGET MINES LTD.

1124 LEE STREET

WHITE ROCK. B.C.

PROJECT No.:

CERTIFICATE No.: 84405.X - 1, INVOICE No.: 4452

DATE ANALYSED: SEPT.27,1984

FILE NAME: NUG405.X

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PRE		oz/t	oz/t	7.	7.	بند هو الله الله الله الله الله الله الله ا
FIX	SAMPLE NAME	Au	Aa	F'b_	Zn	
A	64363	0.001	0.02			
Α	64364	0.042	3.28	0.06	0.16	
Α	64365	0.196	3.08	0.04	0.06	•
Α	64366	0.001	0.04			
Α	64367	0.001	0.02			
						•
		•			,	
					·	
				p (4011 1000 1000 1000 1000	***************************************	
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						•

CERTIFIED BY :

: Mosbard

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

TO: NUGGET MINES LTD.

1124 LEE STREET WHITE ROCK, B.C.

PROJECT No.:

CERTIFICATE No.: 84438 -

INVOICE No.: 4481

DATE ANALYSED: Oct.4,1984

FILE NAME: NUG438

RE :X	SAMPLE NAME	oz/t Au	oz/t Ag	% Fb	% . Zn	
		0.001	0.06	0.02	0.02	
· .	64369	0.001	0.06	0.02	0.02	
· }	64370	0.001	0.44	0.02	0.02	-
4	64371	0.001	0.02	0.02	0.02	
4	64372	0.001	0,02	0.02	0.02	
}	64373	0.620	8.10	0.26	0.12	
\	64374	0.002	0.06	0.04	0.02	
4	64375	0.009	0.10	0.04	0.02	
}	64376	0.002	0.38	0.06	0.06	

CERTIFIED BY :

J. Morsbade

CERTIFICATE OF ANALYSIS

WHITE ROCK, B.C.

2225 S. SPRINGER AVENUE BURNABY, B.C. V5B 3N1 TEL: (604) 299 - 6910

CERTIFICATE No.: 84440 - 1 TO : NUGGET MINES LTD. INVOICE No.: 5027 1124 LEE STREET

DATE ANALYSED: Oct.11,1984

PROJEC	T No.: STAN ENDERSBY	* 1	FILE NAME: NUG440								
PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu				PPB Au				
	EAL 156	2	86	1.0	234	36	10				
<u>L.</u> .	157	1	60	0.8	210	32	10				
S	EAS 158	1.	40	0.8	258	16	10				
S [*]	160	3	42	1.0	198	14	10				
<u></u>	161	2_	50	1.0	216	14_	10				
S	162	1	48	0.8	116	14	10				
S	163	2	46	0.4	138	12	10				
S	164	4	42	0.6	256	24	10				
8	1 65	2	42	0.6	206	36	1.0				
8	166	11	52	0.6	210	18	10				
8	167	1.	52	0.8	210	20	10				
8	168	1	52	1.2	172	28	10				
S	EAS 169	1	46	0.8	172	18	10	•			
S	L10 ON	1	50	1.6	166	24	10				
()	5N	1.	36	0.8	248	30	1.0				
	25N	2	42		142	38	10				
S	50N	1 .	68	1.2	188	30	10				
S S	72N	1	30	1.2	138	32	10				
S	- 100N	1.	44	1.0	276	30	10				
3	122N	1.	58	1.4	250	38	10				
5	L11 10E	1.	40	1.4	250	68	10				
S	- 14E	1.	42	1.2	290	68	10				
9	50E	1	42	1.4	332	90	10				
S 8	27E	1	44	2.0	418	118	10				
<u> </u>	358	4	22	8.2	950	294	10				
S	- 52E	-3	56	9.0	840	640	240				
S	55E	1	102	2.2	474	66	20				
S	63E	1.	150	3.4	464	60	10				
8	59E	,	80	2.0	820	104	10				
S	80E	1	52	2.6	760	440	20				

CERTIFIED BY :



