Nightout Creek Project

Report on

Geological / Geochemical Programs

on the

Canyon 53, Gran 15 and Dayin 1 Claims

Liard Mining Division

N.T.S. 104 G/14

Latitude: 57°42'N Longitude: 131°17'W

Owner:

Equity Silver Mines Limited
Suite 13 - 1155 Melville Street
Vancouver, B.C.
V6E 4C4

Operator:

Apex Energy Corp.
#717 - 620 West Hastings St.
Vancouver, B.C.
V6B 1P2

Author:

David St. Clair Dunn, F.G.A.C.
HI-TEC RESOURCE MANAGEMENT LTD.
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Vancouver, B.C.
V7Y 1G5

November 13, 1990

TABLE OF CONTENTS

APPENDICES

LIST OF FIGURES

LIST OF MAPS

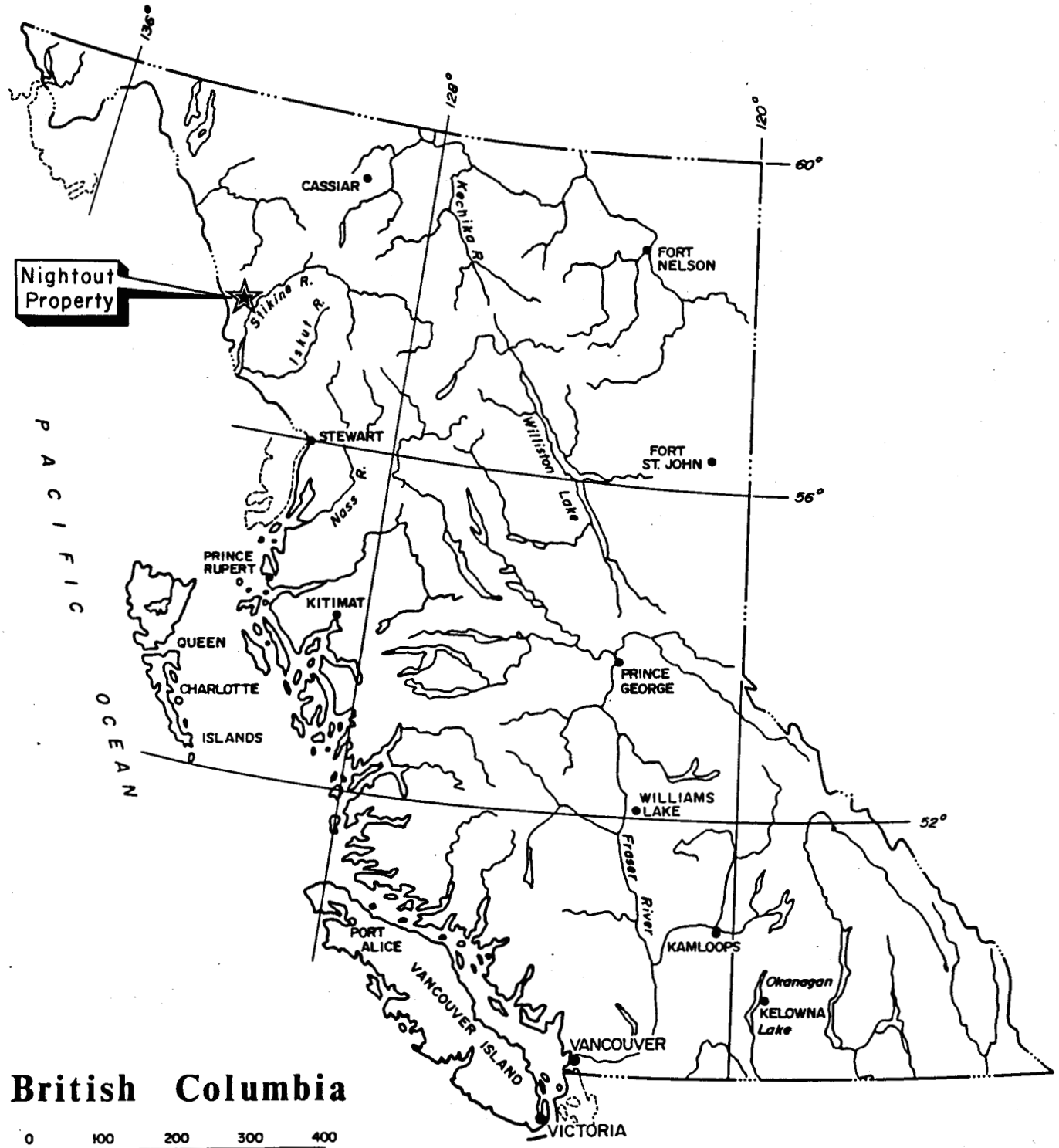
1.0 INTRODUCTION

A reconnaissance geological, geochemical, trenching program was carried out on the Canyon 53 claim from 5th to the 8th of September, 1990 by a two person crew. Three pan concentrate and 10 rock samples were taken. The object of this program was to follow - up an anomalous stream sediment sample taken by Homestake Mineral Development Company in 1989 (silt sample # 31202 - 80 ppb Au).

The Canyon 53 claim is part of a larger block of claims Canyon 53 (4739) Dayin 1 (116250), and Gran 15 (4672). The claims were recorded June 28, 1988 and will be in good standing until June 28, 1991 on acceptance of this report. This group consists of 58 units (1450 hectares) and is collectively called the Nightout Creek Project. The claims are located in the Stikine River drainage, approximately 18 kilometers southwest of Telegraph Creek. (See Figures 1 and 2). Access was achieved by daily helicopter set-outs from Telegraph Creek. Alternatively, horse trails from Glenora Guest Ranch cross the property.

The claim group covers moderate to rugged topography with elevations ranging from 800 metres to 1700 metres. Treeline is at approximately 1375 metres with mature spruce and balsam with moderate undergrowth below this.

There are two references by Kerr (1948) to the area of the property. On page 74 he described a shatter zone in granodiorite filled with pegmatite, largely quartz and orthoclase. Bornite and chalcopyrite locally fill fractures in the quartz. This showing is recorded as Minfile occurrence 104 G 103 and was not visited during the present program. The other reference by Kerr is



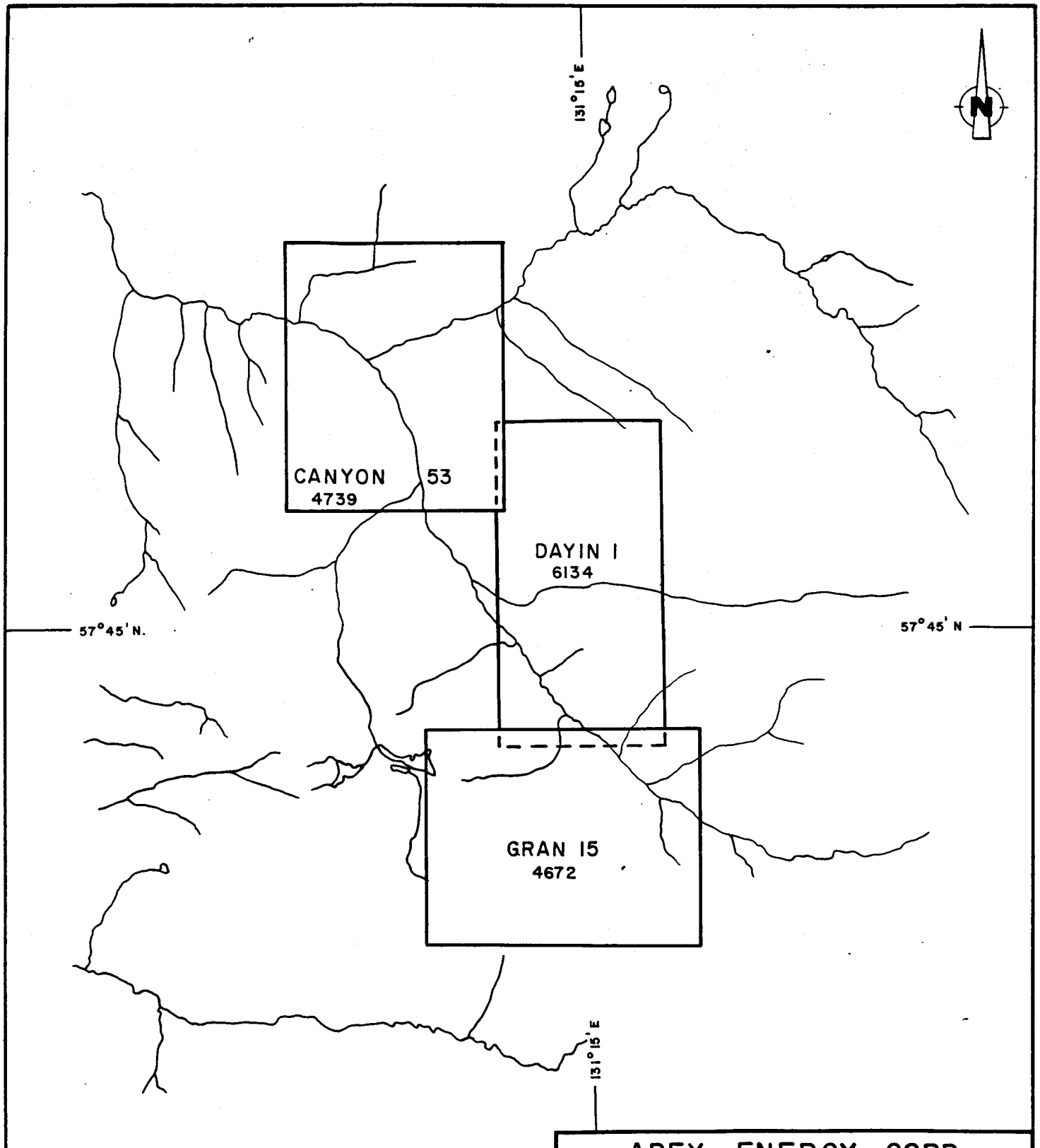
APEX ENERGY CORP.

NIGHTOUT PROPERTY

LIARD M.D., B.C.

General Location Map

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: as shown	N.T.S.: 104G/11,14	FIGURE No: 1
	DWN. BY:	DATE: Nov. 1990	
	CHKD. BY:	PROJECT No: 90BC056	FILE No:



APEX ENERGY CORP.

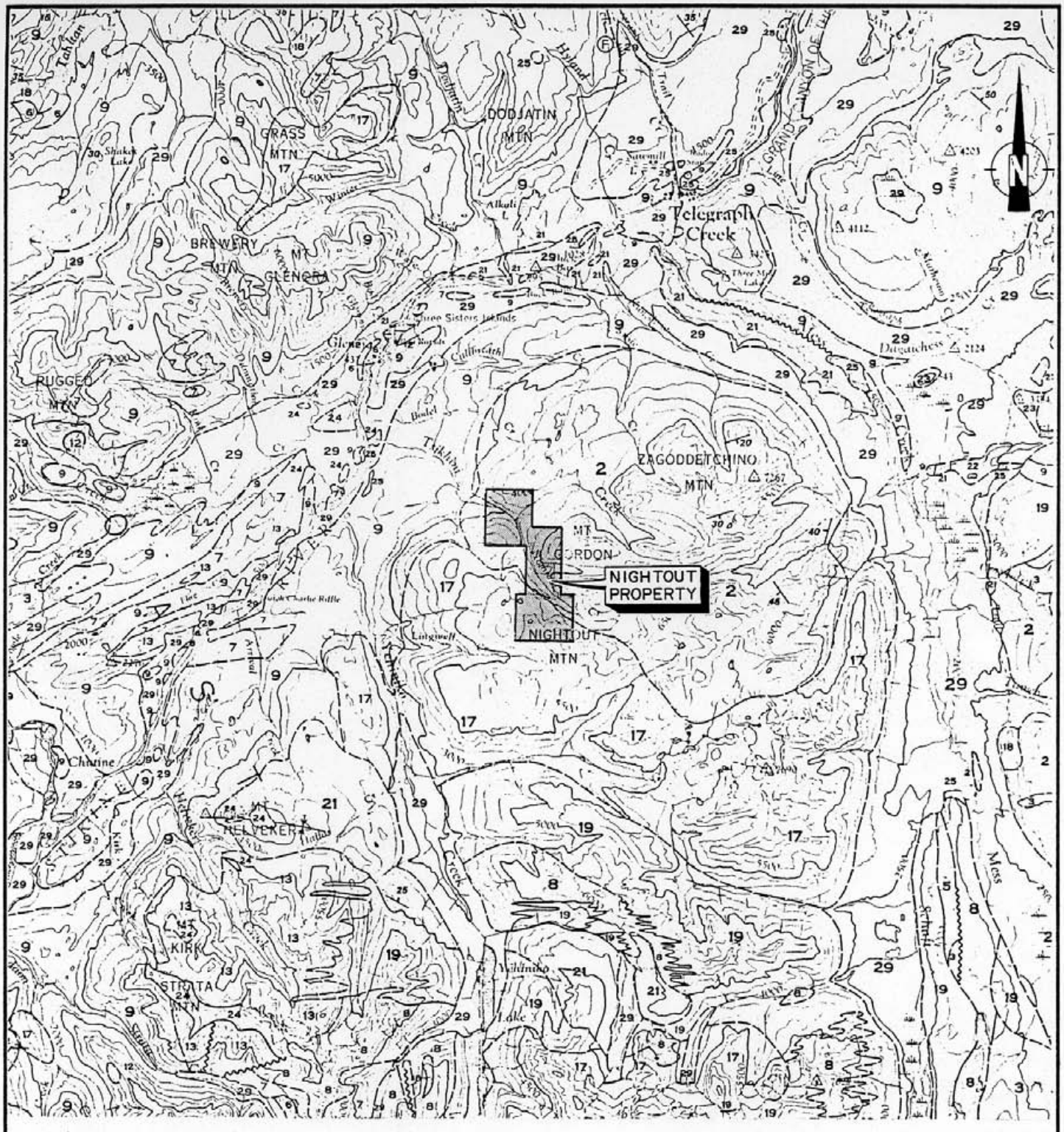
NIGHTOUT PROPERTY

LIARD M.D., B.C.

Claim Location Map

HI-TEC RESOURCE MANAGEMENT LTD

SCALE: 1:50,000	N.T.S.: 104G/11,14	FIGURE No: 2
DWN. BY:	DATE: NOV. 1990	
CHKD. BY:	PROJECT No: 90BC056	FILE No:



SEE FOLLOWING PAGE FOR LEGEND

APEX ENERGY CORP.

NIGHTOUT PROPERTY

Regional Geology

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:250,000	N.T.S.: 104G/11,14	FIGURE No: 3
	DWN. BY:	DATE: NOV. 1990	
	CHKD. BY:	PROJECT No: 90BC056	FILE No:

LEGEND

CENOZOIC

QUATERNARY
PLEISTOCENE AND RECENT

29 Fluviatile gravel; sand, silt; glacial outwash, till, alpine moraine and colluvium

28 Hot-spring deposit, tufa , aragonite

27 Olivine basalt, related pyroclastic rocks and loose tephra; younger than some of 29

TERTIARY AND QUATERNARY
UPPER TERTIARY AND PLEISTOCENE

26 Rhyolite and dacite flows, lava domes, pyroclastic rocks and related subvolcanic intrusions; minor basalt

25 Basalt, olivine basalt, dacite, related pyroclastic rocks and subvolcanic intrusions; minor rhyolite; in part younger than some 26

CRETACEOUS AND TERTIARY
UPPER CRETACEOUS AND LOWER TERTIARY
SLOKO GROUP

24 Light green, purple and white rhyolite, trachyte and dacite flows, pyroclastic rocks and derived sediments

22 23 22. Biotite leucogranite, subvolcanic stocks, dykes and sills
23. Porphyritic biotite andesite, lava domes, flows and (?) sills

SUSTUT GROUP

21 Chert-pebble conglomerate, granite-boulder conglomerate, quartzose sandstone, arkose, siltstone, carbonaceous shale and minor coal

20 Felsite, quartz-feldspar porphyry, pyritiferous felsite, orbicular rhyolite; in part equivalent to 22

19 Medium-to coarse-grained, pink biotite-hornblende quartz monzonite

JURASSIC AND/OR CRETACEOUS
POST-UPPER TRIASSIC PRE-TERTIARY

18 Hornblende diorite

17 Granodiorite, quartz diorite; minor diorite, leucogranite and migmatite

JURASSIC
MIDDLE (?) AND UPPER JURASSIC
BOWSER GROUP

16 Chert-pebble conglomerate, grit, greywacke, subgreywacke, siltstone and shale; may include some 13

MIDDLE JURASSIC

15 Basalt, pillow lava, tuff-breccia, derived volcaniclastic rocks and related subvolcanic intrusions

LOWER AND MIDDLE JURASSIC

14 Shale, minor siltstone, siliceous and calcareous siltstone, greywacke and ironstone

LOWER JURASSIC

13 Conglomerate, polymictic conglomerate; granite-boulder conglomerate, grit, greywacke, siltstone; basaltic and andesitic volcanic rocks, peperites, pillow-breccia and derived volcaniclastic rocks

TRIASSIC AND JURASSIC
POST-UPPER TRIASSIC PRE-LOWER JURASSIC

12 Syenite, orthoclase porphyry, monzonite, pyroxenite

HICKMAN BATHOLITH

10 11 10. Hornblende granodiorite, minor hornblende-quartz diorite 11. Hornblende, quartz diorite, hornblende-pyroxene diorite, amphibolite and pyroxene-bearing amphibolite

MESOZOIC

TRIASSIC
UPPER TRIASSIC

9 Undifferentiated volcanic and sedimentary rocks (units 5 to 8 inclusive)

8 Augite-andesite flows, pyroclastic rocks, derived volcaniclastic rocks and related subvolcanic intrusions; minor greywacke, siltstone and polymictic conglomerate

7 Siltstone, thin-bedded siliceous siltstone, ribbon chert, calcareous and dolomitic siltstone, greywacke, volcanic conglomerate, and minor limestone

6 Limestone, fetid argillaceous limestone, calcareous shale and reefoid limestone; may be in part younger than some 7 and 8

5 Greywacke, siltstone, shale; minor conglomerate, tuff and volcanic sandstone

MIDDLE TRIASSIC

4 Shale, concretionary black shale; minor calcareous shale and siltstone

PALEOZOIC

PERMIAN
MIDDLE AND UPPER PERMIAN

3 Limestone, thick-bedded mainly bioclastic limestone; minor siltstone, chert and tuff

PERMIAN AND OLDER

2 Phyllite, argillaceous quartzite, quartz-sericite schist, chlorite schist, greenstone, minor chert, schistose tuff and limestone

MISSISSIPPIAN

1 Limestone, crinoidal limestone, ferruginous limestone; maroon tuff, chert and phyllite

B Amphibolite, amphibolite gneiss; age unknown probably pre-Upper Jurassic

A Ultramafic rocks; peridotite, dunite, serpentinite; age unknown, probably pre-Lower Jurassic

Geological boundary (defined and approximate, assumed) .....

Bedding (horizontal, inclined, vertical, overturned) .....

Anticline .....

Syncline .....

Fault (defined and approximate, assumed) .....

Thrust fault, teeth on hanging-wall side (defined and approximate, assumed) .....

Fossil locality ..... F

Mineral property 15x

Glacier .....

also on page 74 and refers to a gold deposit at the junction of Nightout and Tsikhini Creeks, from which free gold was recovered by crushing and panning the rock. This showing was not found by Kerr. There is a very good possibility the showing described later in this report is the showing Kerr referred to. Other past work on the property consists of a program of geological mapping and rock sampling, carried out by Bart Mines Ltd. on the B and BM claims in 1973 (B.C. Assessment Report #4717), a reconnaissance geological / geochemical program carried out by Homestake Mineral Development Company (Marud, 1989), and further geological mapping carried out by Equity Silver Mines Limited in 1990. (Dynes, 1990).

The property is owned by Equity Silver Mines Limited and is under option to Apex Energy Corp.

2.0 GEOLOGY

2.1 Regional Geology

The property lies on the boundary between the Coast and Intermontane tectonic belts. This area is underlain by rocks of the Stikine Terrane (Stikinia) consisting of Paleozoic schists, phyllites and greenstones of the Stikine Assemblage, Mid to Upper Triassic sedimentary and volcanic rocks of the Stuhini Group (Kerr, 1948), and Late Cretaceous to Tertiary continental volcanic arc assemblages of the Sloko Group (Logan and Koyangi, 1989).

Three stages of plutonism are recognized in the area. The Hickman batholith is composed of Early to Middle Triassic quartz diorites and Middle Jurassic quartz

monzonites. The third series of intrusive rocks are alkalic, generally syenitic, rocks of Early Jurassic age. These Early Jurassic rocks are associated with mineralization in the area, including the Galore Creek and Schaft Creek porphyry deposits.

The bedded rocks have undergone multiple stages of deformation, forming a complex structural pattern which is complicated by large differences in the competence of the different units. North and northwesterly trending normal faults are dominant with narrow west-trending extensional fault zones postdating them (Souther, 1972).

The most economically important exploration targets are porphyry copper-gold-silver deposits and peripheral mesothermal and shear zone-hosted precious metal veins (Logan et al, 1989).

2.2 Property Geology

The Nightout property is underlain by phyllites, chlorite and sericite schists, and volcanics of Permian age. These rocks strike northwesterly and dip moderately west. They have been intruded by a zoned Jurassic/Cretaceous granodiorite, quartz diorite, diorite and migmatite. This intrusive outcrops in the southwest portion fo the Gran 15 claim.

A strong northeast trending, quartz-pyrite bearing, carbonate altered shear zone was located and sampled at an elevation of 914 metres on Nightout Creek. This zone is twelve metres wide and is located 40 metres upstream from a silt sample which returned 80 ppb Au. The shear zone is hosted by andesite tuff, probably

part of the Permian Stikinia assemblage. Within the shear zone, this rock has been altered to an orange weathering schist composed largely of siderite and talc.

There are four quartz stringers ranging from 5 cm to 10 cm in the shear. These stringers are composed of milky white quartz with 0.5% to 1.0% pyrite. The attitude of the stringers and the schistosity range from a strike of 35° to 46° with a dip of 90°. The zone was hand trenched and chip sampled at 2.0 metre intervals for 12 meters (See Figure 4). No values of economic interest were returned.

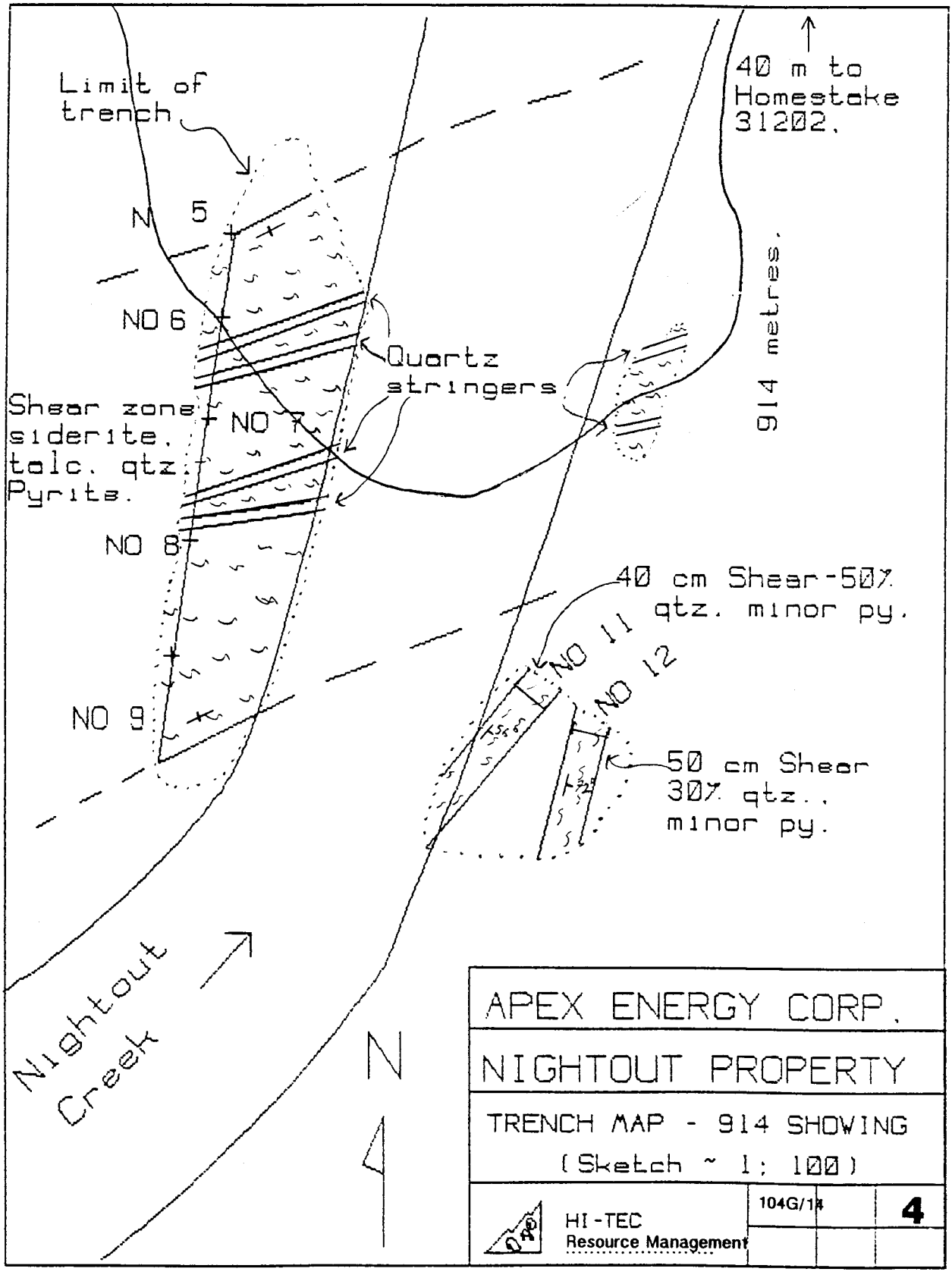
3.0 GEOCHEMISTRY

Three pan concentrate samples were taken on Nightout Creek in an attempt to verify a silt sample taken by Homestake Mineral Development Company which ran 80 ppb Au. Analysis of these samples did not return any values of economic interest.

Analytical Results are included in Appendix A and Sampling Methodology in Appendix E.

4.0 CONCLUSIONS

The carbonate altered shear zone discovered at 914 metres elevation on Nightout Creek is a very interesting new showing. The presence of abundant quartz stringer and pyrite in the zone is encouraging, even though samples to date have not returned any values of interest. This showing is probably the source of the 80 ppb Au silt anomaly reported by Homestake.


Limit of trench
N 5
NO 6
Quartz stringers
Shear zone siderite. talc. qtz. Pyrite.
NO 7
NO 8
NO 9
40 m to Homestake 31202.
914 metres.
40 cm Shear-50% qtz. minor py.
NO 11
NO 12
50 cm Shear 30% qtz., minor py.
Nightout Creek
N
APEX ENERGY CORP.
NIGHTOUT PROPERTY
TRENCH MAP - 914 SHOWING
(Sketch ~ 1: 100)
HI-TEC
Resource Management
104G/14
4

The copper showing located on the Gran 15 claims has not been worked on since 1973. This showing has good potential to host precious metals mineralization.

5.0 RECOMMENDATIONS

Further work on the Nightout Creek Project should consist of detailed prospecting, contour soil sampling and trenching in the area of the shear zone located at 914 metres elevation on Nightout Creek.

Detailed geological mapping and rock sampling should be carried out in the area of the copper showings on the Gran 15 claim.

This work should take a geologist and assistant two weeks and cost approximately $25,000.

Respectfully Submitted,

David St. Clair Dunn, F.G.A.C.

6.0 BIBLIOGRAPHY

Brown, D.A. and Gunning, M. (1989): "Geology of the Stikine River Area, Northwestern B.C.", B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Field Work, 1988, Paper 1989-1, pp. 251-267.

Dynes, W.J. (1990) 1990 Assessment Report on the Nightout Creek Project.

Holbek, P.M. (1988): "Geology and Mineralization of the Stikine Assemblage, Mess Creek Area, Northwestern British Columbia". University of British Columbia MSc thesis.

Kerr, F.A. (1948): "Lower Stikine and Western Iskut River Areas, B.C.", GSC Memoir 246.

Logan, J.M. and Koyanagi, V.M. (1989): "Geology and Mineral Deposits of the Galore Creek Area, Northwestern B.C.", B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Field work, 1988, Paper 1989-1, pp. 269-284.

Souther, J.G. (1972): "Telegraph Creek Map Area, B.C.", GSC Paper 71-44.

Marud, Darcy (1989): "1989 Geological Report on the Nightout Creek Property, B.C.", Homestake Mineral Development Company.

APPENDIX A

ANALYTICAL RESULTS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD. ##

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Page Number : 1-A
Total Pages : 1
Invoice Date: 23-OCT-90
Invoice No. : I-9024994
P.O. Number :

Project : 90-BC-056
Comments: ATTN: D. DUNN CC: APEX ENERGY CORP.

CERTIFICATE OF ANALYSIS A9024994

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
#04	205	294	< 5	< 0.2	0.68	110	< 0.5	< 2	8.51	0.5	3	390	11	0.95	0.07	0.39
#05	205	294	< 5	< 0.2	8.05	1010	< 0.5	< 2	3.13	< 0.5	15	53	46	4.67	1.43	1.78
#06	205	294	< 5	< 0.2	9.15	1080	< 0.5	4	2.19	< 0.5	14	112	70	4.74	1.53	1.90
#07	205	294	< 5	< 0.2	7.27	900	< 0.5	< 2	5.59	0.5	16	66	80	4.12	1.22	1.76
#08	205	294	< 5	< 0.2	7.58	710	< 0.5	< 2	1.80	< 0.5	14	52	62	4.93	0.97	2.07
#09	205	294	< 5	< 0.2	8.11	1030	< 0.5	2	2.76	< 0.5	13	78	52	4.18	1.31	1.73
#10	205	294	< 5	< 0.2	0.85	220	< 0.5	< 2	1.27	< 0.5	2	445	24	0.92	0.20	0.33
#11	205	294	< 5	< 0.2	5.34	810	< 0.5	< 2	5.61	< 0.5	11	187	47	3.07	0.85	1.14
#12	205	294	< 5	< 0.2	6.59	1120	< 0.5	< 2	6.51	< 0.5	13	187	52	4.15	1.26	1.43
#13	205	294	< 5	< 0.2	4.88	600	< 0.5	2	2.90	< 0.5	8	103	53	2.86	0.91	0.68

CERTIFICATION: B. Cook

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD. ##

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project : 90-BC-056
Comments: ATTN: D. DUNN CC: APEX ENERGY CORP.

Page Number : 1-B
Total Pages : 1
Invoice Date: 23-OCT-90
Invoice No. : I-9024994
P.O. Number :

CERTIFICATE OF ANALYSIS A9024994

SAMPLE DESCRIPTION	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
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#05	205	294	1310	< 1	0.66	10	780	10	313	0.42	144	< 10	92			
#06	205	294	1075	1	0.86	10	820	4	359	0.47	153	< 10	86			
#07	205	294	1835	< 1	0.66	9	1330	12	423	0.42	149	< 10	84			
#08	205	294	755	< 1	0.67	9	1220	2	262	0.46	148	< 10	102			
#09	205	294	890	< 1	0.79	9	1160	2	347	0.45	139	< 10	82			
#10	205	294	430	1	0.08	10	150	4	82	0.03	14	< 10	10			
#11	205	294	1200	2	1.42	12	770	10	413	0.24	104	< 10	60			
#12	205	294	1360	< 1	1.47	10	860	6	482	0.28	124	< 10	68			
#13	205	294	705	1	0.51	6	450	2	229	0.19	74	< 10	42			

CERTIFICATION: B. Caudle

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
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British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD. ##

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project : 90-BC-056
Comments: ATTN: D. DUNN CC: APEX ENERGY CORP.

Page Number : 1-A
Total Pages : 1
Invoice Date: 23-OCT-90
Invoice No. : I-9024995
P.O. Number :

CERTIFICATE OF ANALYSIS A9024995

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)	Mg % (ICP)
#1	235	232	< 5	0.6	5.04	890	< 0.5	< 2	3.93	< 0.5	35	1020	< 1	17.40	0.85	2.54
#2	235	232	< 5	0.8	5.70	690	< 0.5	< 2	4.38	< 0.5	12	856	< 1	15.10	0.95	2.81
#3	235	232	< 5	< 0.2	6.07	760	< 0.5	< 2	3.30	< 0.5	14	760	< 1	13.45	1.19	2.44

CERTIFICATION: B. Caruso

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD. ##

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project : 90-BC-056
Comments: ATTN: D. DUNN CC: APEX ENERGY CORP.

Page Number : 1-B
Total Pages : 1
Invoice Date: 23-OCT-90
Invoice No. : I-9024995
P.O. Number :

CERTIFICATE OF ANALYSIS A9024995

SAMPLE DESCRIPTION	PREP CODE		Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm (ICP)	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)			
#1	235	232	1790	3	1.26	78	1160	2	408	2.24	401	50	150			
#2	235	232	1635	3	1.39	77	1330	2	471	3.67	397	50	138			
#3	235	232	1395	3	1.66	69	1400	2	397	2.85	354	40	130			

CERTIFICATION: B. Caruso

APPENDIX B

ANALYTICAL METHODS

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

A9024994

Comments: ATTN: D. DUNN CC: APEX ENERGY CORP.

CERTIFICATE A9024994

HI-TEC RESOURCE MANAGEMENT LTD.

Project: 90-BC-056
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-OCT-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	10	Geochem ring to approx 150 mesh
294	10	Crush and split (0-10 pounds)
232	10	PERCHLORIC-NITRIC-HYDROFLUORIC D

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
983	10	Au ppb: Fuse 30 g sample	FA-AAS	5	10000
578	10	Ag ppm: 24 element, rock & core	AAS	0.5	200
573	10	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	10	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	10	Be ppm: 24 element, rock & core	ICP-AES	0.5	10000
561	10	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	10	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	10	Cd ppm: 24 element, rock & core	ICP-AES	0.5	10000
563	10	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	10	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	10	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	10	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	10	K %: 24 element, rock & core	ICP-AES	0.01	20.0
570	10	Mg %: 24 element, rock & core	ICP-AES	0.01	20.0
568	10	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	10	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	10	Na %: 24 element, rock & core	ICP-AES	0.01	5.00
564	10	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	10	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	10	Pb ppm: 24 element, rock & core	ICP-AES	2	10000
582	10	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	10	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	10	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	10	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	10	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

APPENDIX C

STATEMENT OF COSTS

STATEMENT OF COSTS

APEX ENERGY CORP.
Project 90BC056
NIGHT OUT PROJECT
Period of field Work: October 05 to October 08, 1990

Salaries		
D.Dunn, Geologist, 4.0 days @ $350/day	1,400.00	
J.McGregor, Prospector, 1.0 days @ $250/day	250.00	$ 1,650.00
Domicile 6.0 man days @$115/man/day		690.00
Geochemistry and Laboratory Service		
Pan Concentrate		
3 Samples @$22.50/sample analyzed for Au: /24 element ICP	67.50	
Rocks		
10 Samples @$24.00/sample analyzed for Au; /24 element ICP	240.00	307.50
Helicopter Support 1.3 hours @ $571.50 plus oil and fuel		857.35
Truck Rental		350.00
Travel expenses		135.67
Communications, freight and Accounting		105.83
Report writing, Data Compilation, Drafting		1,200.00
15% Management Fees(Not on field salaries)		546.95
TOTAL COSTS		$ 5,843.30

Doc Dunn

APPENDIX D

STATEMENT OF QUALIFICATIONS

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I, David St. Clair Dunn, with a business address of #1500 - 609 Granville Street, Vancouver, B.C. to hereby certify that:

1. I am a consulting geologist registered with the Geological Association of Canada (Fellow #4943).

2. I am an Affiliate member of the Association of Exploration Geochemists.

3. I hold a B.Sc. degree (1980) in geology from the University of British Columbia.

4. I have been practising my profession as a prospector and geologist for over 20 years.

5. I personally supervised the work on Equity Silver Mines Limited's Canyon 53 Dayin 1, ~~Or~~ 24 Gran 15 claims.

6. I am a Director and Exploration Manager of Apex Energy Corp. and hold equity interest in that company.

7. I do not hold any direct interest in the Canyon 53, Gran 15 and Dayin 1 claims or in Equity Silver Mines Limited.

Dave Dunn

APPENDIX E

SAMPLING METHODOLOGY

APPENDIX F

SAMPLE DESCRIPTIONS

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Sample N.O. 4 - Grab ≈ 40 m upstream from Homestake 31202. Qtz streingers from 5 cm to 10 cm cross creek in a rusty schistose Andesite Tuff. Qtz stringers are present over 5 m. Schistosity Att. S 35° D 90°

Sample N.O. 5 - 2.0 m. chip, N.W. - S.E. up Cr. 3000′ Elevation Schistose And. - Dac. Tuff. Minor qtz - minor pyrite - Weak carb. alt. Schistosity Att. S46° D90° Considerable talc.

Sample N.O. 6 - 20 m chip continuing S.W. from N.O. 5. cf. N.O. 5 10% quartz

Sample N.O. 7 - 2.0 m chip continuing S.W. from N.O. 6 cf. N.O. 5 5% quartz

Sample N.O. 8 - 2.0 m chip cont. from N.O. 7 minor quartz

Sample N.O. 9 - 2.0 m chip cont. from N.O.8

Sample N.O. 10 - Quartz only Mainly from N.O. 6 + 7.

Sample N.O. 11 - 40 cm chip 50% quartz w/ 10% blue qtz. Minor py. ≈ 20 m SE N.O. 4 - 10 on E. side creek in shear Att. S 42° D 56° N

Sample N.O. 12 - 50 cm chip ≈ 1.0 m SE of N.O. 11 30% qtz w/ minor pyrite in shear Att. S22° D56°S

Sample N.O. 13 - Grab of 10 m wide. Carb. Alt. shear zone Elev 3100′ N.O. Cr. shear Att. S64° D90° Qtz sericite schist

364,000 E

366,000 E

368,000 E

N

6,406,000 N.

6,404,000 N.

6,402,000 N.

6,400,000 N.

4000

3500

3000

4500

5500

5000

6000

6500

CANYON 53

DAYIN I

GRAN 15

MAFIC FOLIATED METAVOLCANICS

CHL. SCHIST

SILICEOUS SEDIMENTS

METAVOLCANICS

F.G. FELSIC DYKE

GRANODIORITE

Granodiorite

Granodiorite Migmatite

Siliceous Sediments

Calcareous Sediments

Chloritic schist

Chloritic metavolcanic (schist)

Chert with local LMST

Q.V. in chlorite schist

Rusty alt n

Qtz stringers in shear zone (py)

2

17

31106(0·2)(14)
31205(0·5)(2)
31204(0·1)(6)
No. 1 (0·6)(<5)(41)(150)
31203(0·3)(3)
No. 2 (0·8)(<5)(41)(138)
No. 3(<0·2)(<5)(<1)(130)
31202(0·2)(80)
No. 4 - 10 m along trench in Cx
No. 11 - 12 (<0·2)(<5)(47)(60)
(<0·2)(45)(52)(68)
31201(0·1)(8)
No. 13 (<0·2)(<5)(53)(42)
31374(0·3)(4)
(0·1)(1683)
(0·1)(6)
31100(0·7)(47)
31373(0·3)(23)
31365(0·2)(3)
31098(0·1)(1)
31368(0·1)(1)
31107(0·5)(24)
31099(0·2)(44)
31370(0·7)(87)
31371(0·2)(10)
31372(0·2)(9)
4(<0·2)(<5)(11)(16)
5(<0·2)(<5)(46)(92)
6(<0·2)(<5)(70)(96)
7(<0·2)(<5)(80)(84)
8(<0·2)(<5)(62)(102)
9(<0·2)(<5)(52)(82)
10(<0·2)(45)(24)(10)
31798(<0·2)(10)
31797(<0·2)(<5)
31796(<0·2)(8)
31795(<0·2)(<5)
31799(0·2)(36)
31794(<0·2)(8)
31793(0·2)(7)
31792(<0·2)(<5)
31819(<0·2)(13)
31820(<0·2)(<5)
31841(<0·2)(10)
31842(<0·2)(6)
31818(<0·2)(10)
31791(0·2)(8)
31790(<0·2)(9)
JD061202
JD061201
Dy6-12I (py)
Dy6-12G Q.V.
Dy6-12E Q.V. bull Q.V.
No. 2 Dy6-12E+F
Dy6-12D Q.V. in chlorite schist
Dy6-12A
31481(0·3)(2) Q.V.
Q.V. 31448(0·2)(3) (cpy, mal)
31480(0·2)(1) EP, Q.V. stringers
31447(0·3)(4) EP, Q.V.
31479(0·2)(6) EP, Q.V.
31478(0·5)(4) 1-2% py
31446(1·3)(13)
31445(0·7)(4) Q.V. (cpy)
31477(0·3)(2) Q.V. (Bø)
31476(0·1)(1) Q.V. (EP) stringers
31475(0·2)(10)

LEGEND

INTRUSIVE ROCKS

TERTIARY AND OLDER

F — Felsite dyke.

LATE JURASSIC TO TERTIARY

17 — Granodiorite, quartz-diorite; migmatite.

STRATIFIED ROCKS

PERMIAN AND OLDER

2 — Metavolcanics - chlorite schist; siliceous metasediments; phyllites.

SYMBOLS

1990 Samples:
- x Rock
- △ Pan concentrate.

1989 Homestake samples:
- ⊗ Rock.
- ▲ Silt.
- ■ Soil.
- ● Heavy mineral.

Results ⊗ 31395 (0·5) (93)
Ag(ppm) Au(ppb) Cu(ppm) Zn(ppm)
(1000) (10,000) Heavy mineral -150#
(500) (2000) Heavy mineral -60+150#

- Outcrop.
- Bedding.
- Foliation.
- Attitude of vein.
- Geological contact.
- Shear zone.
- Trench (along creek).
- Claim boundary.
- Creek.
- 5000 Topographic contour in feet.

ABBREVIATIONS

py	Pyrite.
cpy	Chalcopyrite.
Bø	Bornite.
Ep	Epidote.
Chl	Chlorite.
Q.V.	Quartz vein.
LMST	Limestone.
mal	Malachite.
F.G.	fine grained.

0 100 400 600 1000 Metres

APEX ENERGY CORP.

NIGHTOUT PROPERTY

LIARD M.D., B.C.

GEOLOGY AND SAMPLE LOCATIONS MAP

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1:10,000	N.T.S.: 104G/11,14		FIGURE No: 4
DWN. BY:	DATE: NOV. 1990		
CHKD. BY:	PROJECT No: 90BC056		FILE No:

GEOLOGICAL BRANCH ASSESSMENT REPORT

20,702