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SUMMARY REPORT

O N

EXPLORATION

CARRIED OUT ON

THE VIC TOR CLAIM GROUP

REVELSTOKE MINING DIVISION, BRITISH COLUMBIA

- f o r -

CONSOLIDATED GEM EXPLORATIONS LTD. (N.P.L.)

201, 527 - 7th Ave., S.W.
Calgary, Alberta

- b y -

James M. Dawson, M.Sc., P. Eng.

VERSATILE MINING SERVICES LTD.

P.O. Box 609
Kamloops, B.C.

October 21, 1969

Claims: VIC 1-31, TOR 1-8
Location: 51° N., 118° 15' W.
Dates: June 27th to September 15th, 1969.

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APPENDIX G	Photointerpretation and Compilation of the Geology of the Vic-Tor Claim Group by James M. Dawson, P. Eng.
APPENDIX H	Geochemical Report on a Soil Survey of the Vic & Tor Claims, by F.D. Forgeron, Ph.D.

INTRODUCTION:

This report has been prepared at the request of Chancellor Consultants Ltd. It summarizes an exploration programme carried out on the Vic and Tor claims, Revelstoke Mining Division, British Columbia. This work consisted of a geochemical survey, a geological mapping programme, a photogeological study and detailed prospecting, all of which was co-ordinated by Versatile Mining Services Ltd.

PROPERTY:

The Vic-Tor group consists of 39 contiguous, located claims as follows:

<u>CLAIM NAME</u>	<u>RECORD NO.</u>	<u>TAG NO.</u>	<u>RECORD DATE</u>
Vic #1	9336M	950778	Sept. 24
to	to	to	
Vic #18 (inc.)	9353M	950795	
Vic #19	9354M	950801	Sept. 24
to	to	to	
Vic #31 (inc.)	9366M	950813	
Tor #1	9328M	950814	Sept. 24
to	to	to	
Tor #8 (inc.)	9335M	950821	

OWNER: Consolidated Gem Explorations Ltd. (N.P.L.)
 201, 527 - 7th Ave., S.W.
 Calgary, Alberta

F.M.C. #84548

LOCATION, ACCESS AND TOPOGRAPHY:

The Vic-Tor group is located in the Monashee Mountains about 10 miles west of the town of Revelstoke. The Trans-Canada Highway passes through the property near its southern boundary so that this portion of the claims is fairly accessible. Apart from the valley of Victor Creek, most of the rest of the property is practically inaccessible (without helicopter support) because of the rugged nature of the topography.

The claims lie on the north side of the Eagle River Valley and are traversed in a northwest-southeast direction by the valley of Victor Creek. Steep, densely wooded hillside and cliffs rise from the valley to reach elevations in excess of 6,000 feet. Maximum relief on the claims is in the order of 4,500 feet.

HISTORY:

There is no record of any earlier mining or exploration activity in the area of the Vic and Tor claims prior to staking in September, 1968.

OUTLINE OF PRESENT EXPLORATION PROGRAMME:

Preliminary work in the fall of 1968 included a Geochemical Orientation Survey by Dr. F.D. Forgeron and a Preliminary Technical Review of the Vic-Tor Group by Dr. M.C. Robinson.

A soil and talus fines geochemical survey was carried out on parts of the property between June 29th and July 7th, 1969. The results of this survey are contained in a report by Dr. F.D. Forgeron of Bondar-Clegg and Company Ltd. (See Appendix H).

A photogeological study was undertaken by the writer between July 15th and July 20th, 1969, the results of which are included in Appendix G of this report.

Detailed prospecting of the claims by personnel of Versatile Mining Services, under the writer's supervision, was carried out subsequent to the photogeological study.

Geological mapping was done by Mr. W. Meyer of Western Geological Services, and a detailed report and maps are included in Appendix F.

GEOLOGY:

Detailed reports and maps of the geology of the Vic-Tor group are included in Appendices F and G of this report.

In brief, the property is underlain by high-grade metamorphic rocks of the Monashee Group of the "Shuswap Terrane" which have a complex history of folding and faulting. Most of the rocks are fine to coarse-grained gneisses which are arbitrarily divided into map units on the basis of overall variation in colour, grain size, and mineralogical composition, although gradations to many intermediate types are often found. Lesser amounts of quartzite, marble, and calc-silicate rocks are found as more well defined beds or lenses within the high grade gneisses.

MINERALIZATION:

Sulphide mineralization in the form of pyrrhotite occurs in minor amounts in many places on the property. It is not confined to any one rock unit and locally occurs in larger concentrations in some mafic lenses within the schists and gneisses.

Minor pyrite and traces of chalcopyrite were noted with heavy pyrrhotite in some mafic gneisses and on the margins of the

Mineralization (con't.)

marble beds on claims Vic 27 and 28 (Meyer, 1969).

DISCUSSION OF RESULTS OF THE CURRENT EXPLORATION PROGRAMME:

The Vic and Tor claims were staked to cover geological environments potentially similar to those occurring at known mineral deposits in the Revelstoke area, such as King Resources (molybdenum), Stannex (lead, zinc, silver, cadmium, tin, tungsten), and Consolidated Standard (lead, zinc, silver).

Detailed ground prospecting and geological mapping has revealed only minor copper mineralization at a couple of localities. No syenite bodies or molybdenite mineralization associated with calc-silicate bands was found. No lead-zinc mineralization was found associated with marble beds. A few quartz veins were noted on the property but none carry sulphides as in the complex vein deposits on the Stannex property.

The geochemical survey as interpreted by Dr. F.D. Forgeron outlined three anomalies: two Cu-Mo and one Ag. These are classified as weakly anomalous and are probably related to disseminated or fracture

Discussion of Results (con't.)

controlled mineralization of relatively local extent. The economic mineral potential of these anomalies is considered to be low.

CONCLUSIONS AND RECOMMENDATIONS:

1. The Vic-Tor group consists of 39 contiguous located claims situated about 10 miles west of the town of Revelstoke in the Revelstoke Mining Division.
2. An exploration programme consisting of a photogeological study, geologic mapping, detailed prospecting, and a geochemical survey was carried out during the 1969 field season.
3. The claims are underlain by high grade gneisses of the Monashee Group of the "Shuswap Terrane" locally interspersed with beds and lenses of quartzite, marble, and lime silicate rock.
4. Mineralization found on the property consists of minor pyrrhotite in most of the rock units. Minor pyrite and traces of chalcopyrite were noted with heavy pyrrhotite in

Conclusions and Recommendations (con't.)

some mafic-rich gneisses and on the margins of the marble beds on claims Vic 27 and 28.

5. The geochemical survey outlined three weakly anomalous areas, (two Cu-Mo and one Ag) which are considered to be related to disseminated or fracture controlled mineralization of relatively local extent.
6. On the basis of all four phases of the exploration programme, the potential for finding economic mineralization on the Vic-Tor group is considered to be low and no further work is recommended at this time.



Respectively submitted,

James M. Dawson

James M. Dawson, M.Sc., P. Eng.

A P P E N D I X A

PERSONNEL

APPENDIX A

PERSONNEL:

Field:

W. Meyer, B.Sc.	Geologist	Coquitlam, B.C.
T.D. Marshall, C.E.T.	Student	Edmonton, Alta.
D. Shea	Prospector	White Rock, B.C.
G. Short	Student	White Rock, B.C.
K. Fleet	Laborer	Westsyde, B.C.
B. Rothery	Prospector	Kamloops, B.C.
L. Charlwood	Prospector	New Denver, B.C.
C. Cook	Draftsman	Kamloops, B.C.

Office:

J.M. Dawson, P. Eng.	Geologist	Kamloops, B.C.
W. Meyer, B.Sc.	Geologist	Coquitlam, B.C.
F.D. Forgeron, Ph.D.	Geochemist	North Vancouver, B.C.
C. Cook	Draftsman	Kamloops, B.C.

A P P E N D I X B

STATEMENT OF COSTS OF PROGRAMME

PROGRAM COSTS ON VIC & TOR CLAIM GROUP

DURING SUMMER OF 1969

1. REPORTS:

(a) Photointerpretation Report	\$ 1,000.00
(b) Geological Report Including Geologist Asst. while Geologist on the Property	2,500.00
(c) Geochemical Report Including costs as per Statement and certain Versatile Crew-men	2,117.60
	<hr/>
TOTAL OUTSIDE CONSULTING	\$ 5,617.60

2. ADDITIONAL COSTS:

(in addition to listed report costs)

(a) Mobilization & Transportation		
i. Travel expenses to and from area	\$ 196.56	
ii. Truck rental	400.00	
iii. Fuels - Lubes, etc.	493.36	
iv. Helicopter		
F-1100--3 hrs. 40 min. @ \$225/hr.	825.00	
G3B1--4 hrs. 45 min. @ \$150/hr.	712.50	
	<hr/>	
	2,627.42	2,627.42
		<hr/>
		\$ 8,245.02

PROGRAM COSTS (continued):

Carried Forward		\$ 8,245.02
(b)	Camp, accommodation, groceries, tools, equipment, etc. 103 man-days @ \$15/m/d	1,545.00
(c)	Labor: prospectors, line cutters, survey men 103 man days @ \$40/m/d (includes all fringe benefits)	4,120.00
(d)	Drafting, printing, reproduction, (includes mosaics, maps, photos, engineering supplies, etc.	1,523.33
(e)	Technical and Management:	
	Ed. R. Becker 4 days @ \$75/day	300.00
	T.M. Waterland 3 days @ \$125/day	375.00
	J.M. Dawson 1 day @ \$125/day	125.00
(f)	Miscellaneous: Telephone, Secretarial, Xerox, etc.	98.32
	TOTAL	<u>\$ 16,331.67</u>

A P P E N D I X C

AFFIDAVIT IN SUPPORT OF

STATEMENT OF EXPENDITURES

A P P E N D I X D

REFERENCES

APPENDIX D

REFERENCES:

- Jones, A.G. (1959): Vernon Map Area, British Columbia,
G.S.C. Memoir 296.
- Wheeler, J.D. (1965): Big Bend Map Area, British Columbia,
G.S.C. Paper 64-32.
- Robinson, M.C. (1968): Preliminary Technical Review of the Vic-Tor
Group of Located Mineral Claims, Report to
Copeland Syndicate.
- Dawson, J.M. (1969): Photointerpretation and Compilation of
the Geology of the Vic-Tor Claim Group,
Revelstoke Area.
- Meyer, W. (1969): Report on the Geological Survey of the
Vic & Tor Claims, Revelstoke Area.
- Forgeron, F.D. (1969): Geochemical Report on a soil survey of the
Vic and Tor Claims.

A P P E N D I X E

WRITER'S CERTIFICATE



TELEPHONE 374-6263

C E R T I F I C A T E

I, JAMES M. DAWSON, of Kamloops, B.C. hereby certify that:

1. I am a geologist residing at 972 Jasper Avenue, Kamloops and employed by Versatile Mining Services Ltd. of P.O. Box 609, Kamloops, B.C.
2. I am a graduate of the Memorial University of Newfoundland -- B.Sc. (1960), M.Sc. (1963), and a member of the Association of Professional Engineers of B.C. I have practised my profession for five years.
3. I am the author of this report which is based on various formal reports and prospecting notes comprising the results of an exploration programme carried out during the summer of 1969.
4. I have no direct or indirect interest in the property described in this report nor do I expect to receive any.



VERSATILE MINING SERVICES LTD.

James M. Dawson

James M. Dawson, M.Sc., P. Eng.,
Geologist

October 21st, 1969.

Kamloops, B.C.