84-#115 - 12060

PROSPECTING AND GEOCHEMICAL

REPORT ON THE JUNE 1 CLAIM

Liard Mining Division,

Tootsee Lake Area, British Columbia

Location

N.T.S.

104 - 0 - 16E

Latitude:

Longitude:

59°53'28"
150°53'28"
A S S E S S M E N T R F P O R T

A B S Resources Ltd. 7438 East Broad vay Burnaby, British Columbia V5A 1S4

By

Peter A. Christopher, Ph.D., P.Eng. Peter Christopher & Associates Inc. 3707 West 34th Avenue Vancouver, British Columbia Ý6N 2K9

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SUMMARY

The 20 unit June 1 Claim is situated about 6 kilometers (3.7 miles) southeast of the Regional Resources "Midway" silver-lead-zinc deposits. A brief prospecting and geochemical examination of the claim has located significant anomalous soil geochemical values for silver and an extensive overburden covered valley area.

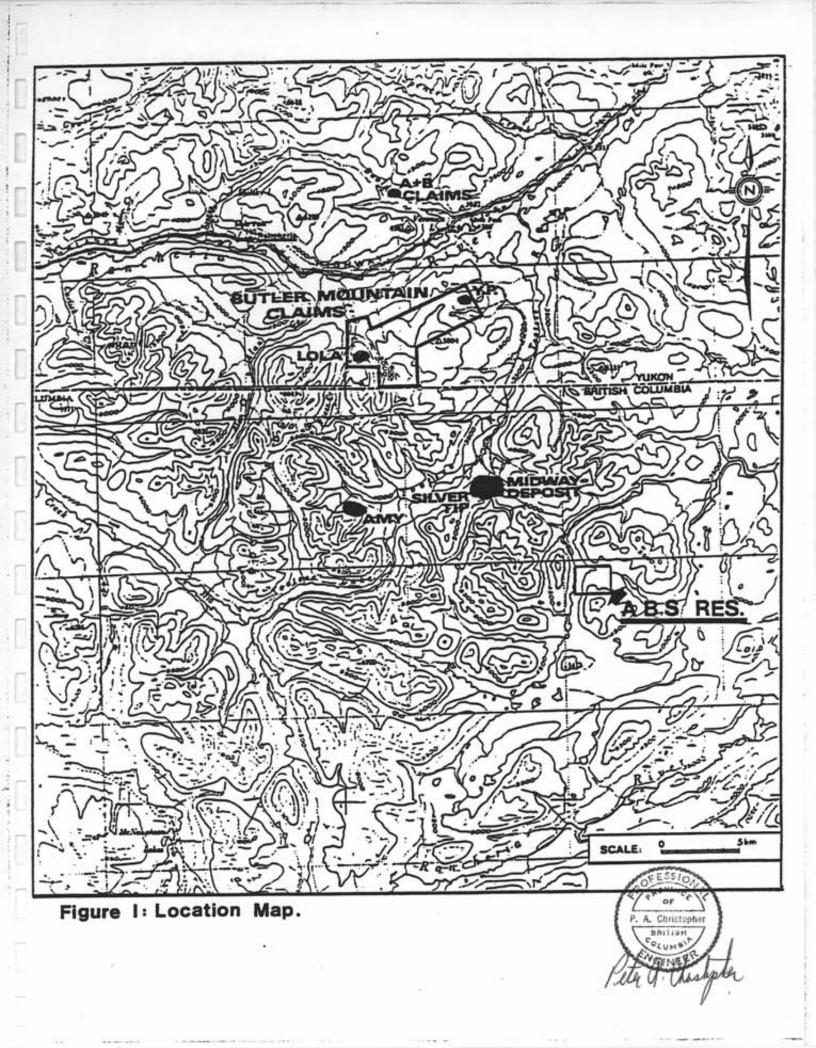
Considering the proximity of the June 1 claim area to the Midway deposits, similar geological settings, and encouraging geochemical results, a basic (Stage I) exploration program of mapping, soil geochemistry and reconnaissance VLF-EM is recommended and follow-up (Stage II) geochemical and geophysical programs may be required. The Stage I program is estimated to cost \$17,000 and the Stage II program is estimated to cost \$57,000. The initial exploration program should concentrate on the covered valley area.

INTRODUCTION

Discovery of the "Midway" silver-lead-zinc stratiform mineral deposit near Tootsee River in 1981 by Regional Resources has encouraged evaluation of nearby areas with potential for lead-zinc-silver deposits. The 20 unit June 1 claim adjoins the "Midway" property of Regional Resources Ltd. and is situated about 6 kilometers southeast of the Midway Pb-Zn-Ag deposits. The property was examined by the writer with the assistance of Mr. Les Demczuk on September 15, 1983 at the request of Mr. Benny Tam of A B S Resources Ltd. A Canwest helicopter stationed at Rancheria was used to obtain access to the claim. The purpose of the examination was to determine if further exploration could be justified. Prospecting and geochemical sampling were carried out to aid evaluation of the property. A total of 136 soil samples were collected along reconnaissance soil lines and prospector traverses were made along the main creeks. A two stage program is outlined in this report with a recommended Stage I program of additional soil sampling, geological mapping and reconnaissance VLF-EM and contingent follow-up geochemical and geophysical surveys.

LOCATION (Fig.1)

The June 1 Claim is situated about 4.5 kilometers west of the main branch of Big Creek and adjacent to the west fork of Big Creek. The geographical coordinates of the legal corner post are latitude 59°53'28" north and longitude 130°11'47" west. The claim area is about 22 kilometers south of the Alaska Highway, 110 kilometers westerly from Watson Lake, Yukon Territory and 30 kilometers southeast of Rancheria in N.T.S. map sheet 104 - 0 - 16E. The British Columbia-Yukon Territory border is about 12 kilometers north of the property. The nearest roads on the Midway Property are about five kilometers to the northwest with access to the Midway property via the Tootsee Lake Road. Helicopter support will be needed to either ferry crews or to establish a camp on the property. Helicopters are available year round at Watson Lake and during the summer field season are generally stationed at Rancheria, Y.T.



PROPERTY

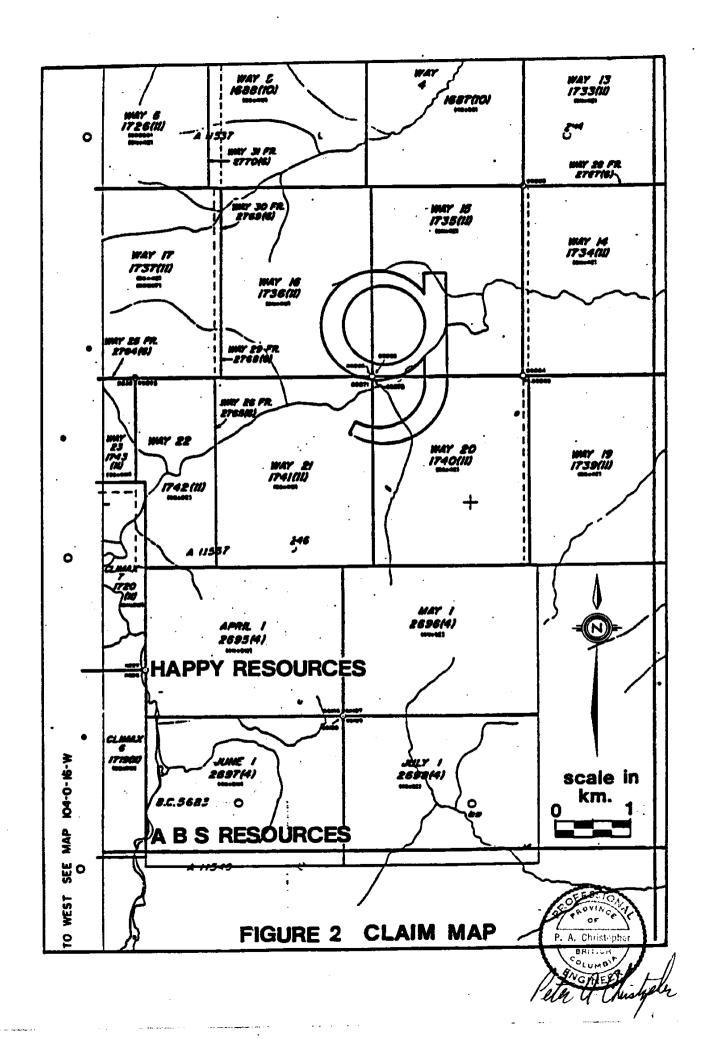
The 20 unit June 1 Claim was located by Jake Melnychuk on April 5, 1983 and recorded on April 8, 1983. The claim was located by using the modified grid staking method with the legal corner post situated about 5 kilometers west of the main Big Creek valley and 2.5 kilometers east of the main west fork of Big Creek. The legal corner post is a common post for the April 1, May 1, June 1, and July 1 claims. The legal corner post, and 45, 5W corner post and the 45, 4W; 45, 3W and 45, 2W identification post were examined. The property extends 5 units (2.5 kilometers) west and 4 units (2 kilometers) south from the legal corner post and has a maximum possible area of 500 hectares. Part of the June 1 claim area had previously been held by Darrell Reinke as the See 1 Claim with record number (1758(12)). Table I summarizes pertinent claim data and Figure II shows the distribution of mineral claims in the area.

Table I - Pertinent Claim Data

Name	Units/ Distribution	Staker	Date Staked	Date Recorded	Record #
June 1	20/4S,5W	Jake Melnychuk	April 5, 1983	April 8, 1983	2697(4)

HISTORY

The area was previously held as the See I claim by Darrell Reinke but no work was filed and the claim lapsed. The June I claim was staked on April 5,1983 by Jake Melnychuk and recorded on April 8, 1983. W.E. England Diamond Drilling Ltd. acquired the ground and in turn sold the property to A B S Resources Ltd. in September, 1983.



REGIONAL GEOLOGY (Figure 3 and 3A)

The area of interest is situated on the east flank of the Cassiar batholith which extends over 300 km southeasterly from Wolf Lake map sheet in the Yukon to the Kechika map area in British Columbia. In the Jennings River and Cassiar-McDame map areas the eastern flank is underlain by Paleozoic rocks from Cambrian to Carboniferous in age and separable into two or more contrasting assemblages, some of which are believed to be "allocthonous" (i.e., deposited elsewhere and moved into place along flat lying faults) (Gabrielse and Mansy, 1980).

Rocks are described in detail by Gabrielse (GSC Paper 68-55, 1968); brief descriptions of the mapped units are summarized below:

Good Hope and Atan Groups: (Unit 1)

Rocks of these units, probably Hadrynian and Lower Cambrian in age, are exposed only near the contact with the Cassiar batholith, where they have undergone extensive contact metamorphism. Clastic rocks are converted to hornfels and quartzites and limestones to marble and skarn.

Kechika Group:

Unit 2 and Unit 3 include rocks of Upper Cambrian to Silurian age. These are strongly hornfelsed shales and siltstones and calcareous phyllites. Shales in the lower part of Unit 3 carry graptolite fossils. Unit 2 may be as thick as 1000 feet (300 m) but unit 3 is thin, from 100 to 200 feet (30 to 60 m).

Unit 4:

Two formations described by Gabrielse as Units 4a and 4b are distinctive light-grey weathering resistant dolomites, sandy dolomites and dolomitic sandstones with conspicuous bedding. The units are believed to be Silurian and Lower Devonian.

FIGURE III. REGIONAL GEOLOGY (FROM GABRIELSE, 1969). 4 miles = 1

P. A. Christopher

LEGEND REURE 3

_		11. undivided; 11s. argillite and beruicis. Pecerally massive; 11h. fine- it grained, black linestone: 11c. granule, pubble and couble engineerate.
	PLESTOCINE AND RECENT	grained, black itsestions; lie, granus, pools and cools congluences. quartitie: lid, argillite and chert; lie, crystalline, dark grey limestoor lif, meta-tuff and tuff, measure green voicatacs; lig, carri-andule.
CENOZOK	28 Unoccoolidated glacial, fluvrogizatal, and a 'yelal deposits	fecaliferent limestees, possibly correlative with 12c
E).	TERTIART(7) AND QUATERNARY	OBLIQUE CREEK FORMATION; moto-chert, quartitie, herefele.
- 1 -	27 TUTA FORMATION: Inva., mell. agglomorate: Sla. recome volcante vent	10s, srystalline limeetees
7		CARBONIFEROUS (Mainly Mississuppeas (7))
1'	CRETACIOUS UPPER CRETACIOUS	BIG SALMON COMPLEX: quartz-elists-mica grouss albite-actionits schiot, quartz-chierits-speces-elists grouss, mous-coort, liteostess.
[
1	MA TUYA BATROLITE	N MINSIMSIPPIAN (7) AND LATER Sorpentinite, portdettie, denum; Sa. sorpentinite. in part altered to take
. <u>'</u>	25 ISB PARALLEL CREEK BATHOLITH: blotte grants and quarts measure: 25Bs. abundant inclusions and across of other	MUSSISSIPPIAN (7) AND LATER B Serpentialte, portdettin, denses; Se, serpentialte, in part altered to take
1 r	24 KLDIKIT BATHOLITH: foliated biotite quarta memorate	MESSISSIPPIAN (to part or entirely)
1:		7 SYLVESTER GROUP (upper part): massive greenstone, agglemorate; maser there and mens-diorita, may locally include some 6
١.	MED-CRETACEOUS CASSAR BATROLITH: Motito quarte measuraite, grapolicrite;	DEVONIAN AND (7) MESSISSIPPIAN
1 i	23 23s, mesoryte quarts monamite; 23s, contains abundant incitations and	UPPER DEVONIAN (mainly or untirety (?))
	servens of schist; In part gastesse	6 SYLVESTER GROUP (lower part): slate, in part graphine, argillise, chert, chert areaus, greywacks, pobbie conglomerate, siltenour;
١,	RIRASSIC .	da. Impossone
	LOWER (7) AND MEDDLE (7) JURASSIC	MIDDLE DEVONIAN
15	22 28, NOME LAKE BATHOLITH: Months-barablende praeedierite and	5 Madamic Group: fetted delegates and limeousses
- 1-	quarts measonite: 223s. boroblesde monrouse	3 1 Medical Group, man consults and imposting
MESGZONC	CHRISTINAS CREEK BATHOLITH: bereblesde everts discriss, grass-	STLUBIAN AND DEVONIAN
武!	21 diorita, muser diorita and quartz measurate; 21s., biotise-barablemic	UPPER SILURIAN (7) AND LOWER (7) DEVONIAN
Ş `	grandierite, unaltered, probably younger than 21: 21b, berableade	4 Undivided, locally includes 5 and/or older rucks 4 4A. Lover Division: sandy delegate, delegate cuminates
7	quartz diorezo, biodin-hormbiende quartz dies lite und granndierite; Zie, gabbre	48. Upper Division: laminated, well-budded delomate
1	1.000.000	ORDOVICIAN AND SILURIAN
11	20 CHARLIE COLE STOCK: foliated quarts diserts	LOWER ORDOWSTAN (2) LOWER AND MIDDLE (2) STUTPLAN
1:	PLATE CREEK STOCK: Modile-bornblessie quarte diorste, diorste,	3 Block, grapiolitic chaic, play siltmens, locally bornfelent; innintes
- 11	19 phiere, grandierite; 19s. hershlesde dierris and quarts dierris, mese-	upperment part of Keehita Group
1	craps to meiasocraps; biodis-bernhiende quarts menacens and	CAMBRIAN AND (7) ORDOVICIAN
1	section .	ECRIKA GROUP: thus-besided herminis, sears, calcureous syllite, phyllitis lunescope
12	TURASSIC (7)	_
1.	LOWER JURASSIC (7)	CAMERIAN AND RADRITHIAN
1!	10 Poldopathus quartatio, greywache, grit, argillite, elete	burnfels, dejemms, limestone, simra, quartitie; la, surbenste, agy
1.	TRIASSIC	S worran
- 13	UPPER TRIABBIC	
11	17 SHONEKTAW FORMATION: segite perpayry, agglements	•
		Limit of drift-covered area
11	16 RAZCRA FORMATION: volcanse congiomerate, tuff. faidepar perphysy,	Geological boundary idefined, approximate or sammed)
6		Bedding (Inclined, vertical)
6	PERMIAN	Folianan, eleavage (molimes, verment)
	Magerre and busted groundstate, tall, breeze, and pillowed lave, age	Pronge of lineation, maledy fold area (horyzontal, intilace)
11	15 relative to 13, and 14 spensors	Fingl (defined, approximate, accumed) solid ctrols
1.	TESLEN PORMATION, well-builded and manners (smeetings, mann	Indicates developer adds
- 11	14 pileood bestit	Thrust finit most is direction of dip; defined, approximate)
1.	CARRIONITEROUS (1) AND PERMAN	Astolics Hilland, apprenants arrow industria director
16	KEDANDA FORMATION: chort, argillate, quartiess, horsicie, manor	al piespe
	lancouser and greetouser: 13s. limestone, 13s. greensure	
i.	CARBONIPEROUS - Major Personvivosasa (7))	Dresissed ridge and glassal erran
	12. entretor: 12s. cuers, argillase, plate, cuarunte, berndete; 12s. luie-	Poseti secultry
٠, ١	m mar Lower Pennyrvanian 136, court, since, or pilite, congressorate	Minoral present or securrosce

McDame Group - Unit 5:

The McDame Group, dark, fetid, dolomites and limestones with abundant fossil debris, forms a distinctive marker unit. Dolomite (intraformational?) breccia is common and white vuggy dolomite may represent reefoid accumulations of fossils, representing shoals in a shallow platform environment. Fossil evidence indicates that the McDame Group is Middle Devonian in age.

Lower Sylvester Group (Unit 6)

Gabrielse (1969) mapping indicates that "the contact of the McDame Group with the overlying Sylvester Group is almost invariably a fault". The lower part of the unit is fine-grained, black, locally graphitic slates and phyllites, with grey to black bedded and ribbon cherts. The upper part contains argillites, interbedded with sandstones, grit and conglomerate. Cherty, fine-grained limestone may be present near the top of the unit.

Several barite-silica "exhalite" horizons are present within the lower Sylvester Group in the vicinity of the Midway Property. Details of Sylvester Group stratigraphy in the area of the "Midway" deposits has been described by Hylands (1981).

Upper Sylvester Group (Units 7, 8)

Massive volcanic rocks, including flows, breccias, tuffs and agglomerates with aggregate thickness of over 1,500 feet form Unit 7 with ultramafic bodies (Unit 8) cutting the volcanics. Volcanic flows vary in composition from basalt to rhyolite. Most rocks are pervasively altered to greenstone.

MINERAL DEPOSITS IN THE AREA

The most significant development in mineral exploration in the southern Yukon and northern B.C. within the last few years has been the discovery of stratiform silver-lead-zinc mineralization within "exhalite" massive sulphide and silica-barite horizons in the lower portion of the Mississippian-Devonian Sylvester Group.

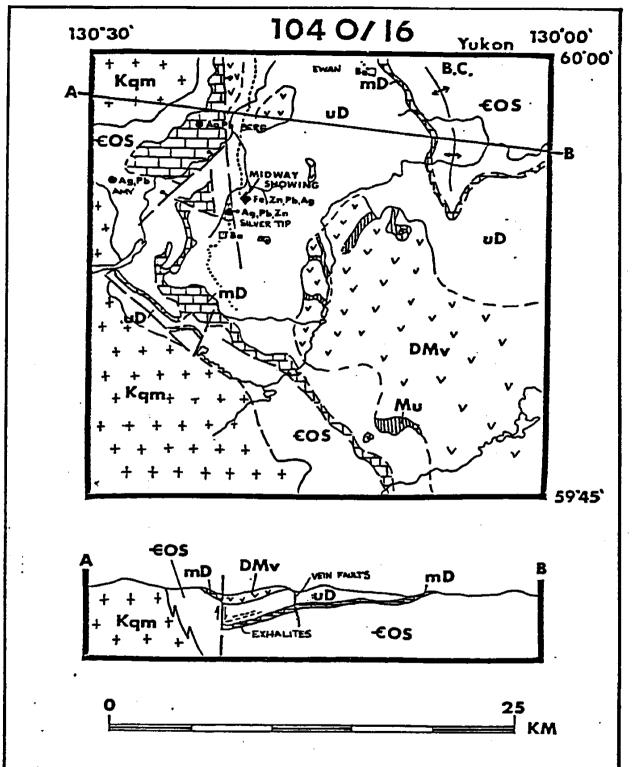


Figure 3g. Generalized geology in vicinity of the Midway showing, Jennings River map—area; geology and legend modified from Gabrielse (1969).

(Source, McIntyre, D.G, 1982. BCDM Paper 82-1)

TABLE II. Legend for Figure 3a.

•	
CRETACE	ous
	CASSIAR BATHOLITH
Kom	Quartz monzonite, granodiorite
MISSISS	IPPIAN AND LATER
Mu	Serpentinite, dunite, peridotite
UPPER D	EVONIAN TO MISSISSIPPIAN
	SYLVESTER GROUP (UPPER)
DMV	Greenstone, agglomerate; dacitic tuff; minor chert, metadiorite
MIDDLE	TO UPPER DEVONIAN
	SYLVESTER GROUP (LOWER)
uD	Slate, argililte, chert, slitstone, chert-arenite, greywacke, chert pebble conglomerate, minor limestone
MIDDLE	DEVON1AN
	McDAME GROUP
' m D	Dolcmite, fossiliferous limestone
CAMBRIA	N, ORDOVICIAN, AND SILURIAN
608	Dolomite, dolomitic sandstone and slitstone, graptolitic black shale, platy slitstone, calcareous phyllite, phyllitic limestone skarn, hornfels, limestone, quartzite
	Symbol s
Antiform Contact: Road Stratabo Stratabo Mineral	defined; assumed

The discovery, by Regional Resources Ltd. and partners Amax of Canada and Procan Exploration Ltd. has resulted in an extensive staking program and re-evaluation of geological data on mineral showings adjacent to the "Midway" property (Figure 3A). This renewed activity has led to the discovery of Au-Ag-Pb-Zn-As mineralization by Butler Mountain Minerals Corp. The presence of significant gold mineralization near the eastern margin of the Cassiar Batholith needs further evaluation. Arsenic appears to be a pathfinder for the gold mineralization.

The Amy, YP, Silver Tip, Berg and JCS showings all occur in Cambrian to Middle Devonian strata in close proximity to the Alpha Group and high grade silver veins have been located within the Cassiar Batholith. The presence of nearby significant showing provides encouragement for exploring overburden covered areas on the Alpha Group.

GEOCHEMISTRY

A total of 136 soil samples were collected at 50 or 100 meter intervals along lines parallel to claim boundaries at the southern part of the claim area (Map 1). Soil samples were taken from the B horizon with organic material excluded as much as possible. Samples were analyzed for Pb, Zn, Ag and As at Chemex Labs Ltd. in North Vancouver, B.C. using atomic absorption spectrometry. Sample preparation included sieving to -80 mesh, or to -35 mesh with grinding when there was insufficient fines. Analytical results for Pb, Zn, Ag and As are presented in Map 1.

Discussion of Geochemistry

Considering values of 0.5 ppm silver to be of interest and values of greater than I ppm to be anomalous, 21 of the samples have values of interest and 13 are anomalous. Values range from the detection limit of 0.1 ppm to 5.8 ppm silver. Anomalous values appear to be associated with the granitic-volcanic contact zone.

Arsenic values were obtained to check for a possible gold-arsenic association. Values range from 1 to 45 ppm with ten or greater considered to be of interest. Adjacent sample near the southwest corner of the claim have values of 30 ppm and 45 ppm. Arsenic appear to be associated with elevated silver values in the granitic-volcanic contact zone.

Lead values vary from 1 ppm to 33 ppm with values greater than 20 considered to be of interest but no anomalous values found.

Zinc values vary from 38 to 353 ppm with values greater than 200 considered to be of interest but no anomalous values found.

Geochemical values for soils obtained from the southern part of the June 1 claim suggest that the contact zone between the granitic and volcanic rocks has potential for silver mineralization. Arsenic values indicate modest anomalous values but insufficient data was obtained. No strong lead or zinc respose was obtained but continued use of lead and zinc as possible indicators is recommended. The geochemical survey should be continued into the valley (i.e. covered) area.

DISCUSSION OF THE JUNE 1 CLAIM

Most of the June 1 Claim is overburden covered as shown on G.S.C. Map 18-1968 but the very southern part of the claim has rock outcrops of altered volcanics which probably correlate with the upper part of the Sylvester Group and medium grained granitic rocks of quartz monzonite or granodiorite composition. Volcanic rocks appear to be affected by emplacement of serpentine and altered to greenstone. Granitic rocks are quartz veined and often have a rusty appearance. Dark hairline fractures cut the granitic rocks. The greenstone observed is on the upper slopes and could overlie more favourable lower Sylvester Group rocks that occupy the valley bottom. The covered valley area appears to have good mineral potential and is considered an excellent prospecting target.

Since overburden covers all of the area of potential interest, indirect geochemical and geophysical methods should be used to evaluate the property. A north-south claim boundary line should be used as a baseline and prospecting lines run normal to the claim boundary at 200 meter spacings with a 50 meter soil or silt sample interval. Samples should be analyzed for lead, zinc and silver to check for Midway type deposits. Silver and arsenic values obtained indicate that the granitic-volcanic contact zone is of interest as a precious metal target. Further analyses for arsenic may lead to a gold-arsenic association similar to the zone on the Butler Mountain

Minerals Corp. YP property. Continued lead and zinc analyses are warranted because lower Sylvester Group rocks should underlie valley areas that have not been tested in this survey.

CONCLUSIONS AND RECOMMENDATIONS

The June 1 Claim is well situated with respect to the massive sulphide discovery on the adjoining Midway Property and in a geological environment favourable for gold mineralization. The covered valley area on the claim should have stratigraphy similar to the adjoining Midway property and geochemical and geophysical methods should be used to test for possible mineralization.

The initial prospecting and geochemical program has produced strongly anomalous silver in soils in the volcanic-granitic contact area. This zone should be prospected toward the covered valley area. Arsenic values near the southwest corner of the claim require additional follow-up.

A basic Stage I geological and geochemical program is recommended for the property with contingent Stage II geophysical and geochemical follow-up of anomalous areas. Cost estimates for the Stage I and Stage II programs follow:

eter A. Christopher Ph.D.

October 24, 1983

COST ESTIMATE

Stage I Prospecting, Geological, Geochemical

Personnel		
Project Geologist Assistant/Prospector Consulting & Management	5 days @ \$300 each 5 days @ \$150 each (2 field days)	\$ 1,500 600 1,000
Room and Board	12 man days @ \$50 each	600
Transportation		
Mobilization Truck Rental and Fuel Helicopter	5 days @ \$120 4 hours @ \$500	1,000 600 2,000
Geochemical Analyses		
400 soils @ \$8.00 each (Pb, Z	in, Ag, As)	3,200
Statistical Analysis		100
Field Expendables		500
Shipping		100
Reporting	·	3,000
- ,	Total Contingency	\$14,200 2,800
		\$17,000

Stage II Geochemical, Geophysical

P	'ersonnel

Project Geologist Assistants/Prospectors Consulting/Management Geophysical Crew (Pulse EM)	10 days @ \$300 each 30 days @ \$150 each (2 field days) 10 days @ \$1,000 each*	\$ 3,000 4,500 1,500 10,000
*includes reporting and instrument ren	ntal	
Room and Board	52 man days @ \$50 each	2,600
Grid Preparation	10 kilometers @ \$500 each	5,000
Geochemical Analyses		
300 samples @ \$8.00 each (Pb, Zi 100 gold @ \$6.00 each Statistical Analysis	n, Ag, As)	2,400 600 100
Field Expendables		800
Transportation		
Helicopter Truck Mobilization/Demob	20 hours @ \$500 each 15 days @ \$120 each	10,000 1,800 3,500
Base Map Preparation		2,000
Rentals		500
Report Preparation and Consulting		4,000
	Total Contingency	\$52,300 4,700
	Stage II Total	\$57,000

TOTAL STAGES I AND II

Peter A Christopher, Ph.D., October 24, 1983

\$74,000

CERTIFICATE

- I, Peter A. Christopher, with business address at 3707 West 34th Avenue, Vancouver, British Columbia, do hereby certify that:
- 1) I am a consulting geological engineer registered with the Association of Professional Engineers of British Columbia since 1976.
- 2) I am a Fellow of the Geological Association of Canada and a member of the Society of Economic Geologists.
- 3) I hold a B.Sc. (1966) from the State University of New York at Fredonia, a M.A. (1968) from Dartmouth College and a Ph.D. (1973) from the University of British Columbia.
- 4) I have been practising my profession as a Geologist for over 15 years.
- 5) I have no direct or indirect interest, nor do I expect to receive any interest directly or indirectly in the property or securities of A B S Resources Ltd.
- 6) I have based this report on a property examination on September 15, 1983 by the writer and review of available literature in the area.
- 7) I consent to the use of the report by A B S Resources Ltd. for whatever purposes it deems necessary.

PETER A. CHRISTOPHER, Ph.D

REFERENCES

- Gabrielse, H., 1969. Geology of the Jennings River Map-Area. G.S.C. paper 68-55, 37 pp.
- Gross, W.H., 1964. Geological, Geochemical and Geophysical Studies, Amy claim group. Rancheria Mining Company Ltd., BCDM Assessment Report No. 734.
- Hylands, J., 1980. Midway property. Assessment Report No. 9912 BCDM.
- McIntyre, D.G., 1982. Midway Occurrence. Geological Fieldwork, 1982. BCDM Paper 1982-1, pp. 162-66.
- Poole, W.H. et al, 1960. Wolfe Lake Map Area, Yukon Territory. GSC Map 10-1960.
- Price, Barry J., 1975. Brief Report on the A + B claims near Rancheria, Y.T. Private report for Delphi Resources Ltd.
- Price, B.J., 1980. Geological Report, YP Silver-Lead Prospect, Watson Lake M.D., Yukon Territory. Unity Gold Resources, unpublished Company Report.

COST STATEMENT

A. Field Work

1.	<u>Personnel</u>			
	Engineer (P.A. Christopher, P.Eng.) Geologist (Les Demczuk, B.Sc.)	Sept. 15 Sept. 15	\$	350 150
2.	Crew mob/demob			300
3.	Room & Board	2 man days @ \$50		100
4.	Expendables (flagging, hip chain, samp	le bags, etc.)		50
5.	Vehicle rental (including gas & oil, mil	eage)		120
Serv	ices @ cost plus 10%			
6.	Helicopter	1.5 hours		531
7.	Geochemistry		1	,136
8.	Shipping			25
в.	Office Work			
1.	Report Writing and consulting		1	,000
2.	Typing, photocopies, map preparation,	etc.		250
		TOTAL COSTS	\$4	,012

Peter A Christopher, Ph.D., P October 24, 1983

b.

APPENDIX

CERTIFICATES OF ANALYSIS



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

043-52597

TELEPHONE: (604) 984-0221

- ANALYTICAL CHEMISTS

· GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER. PETER & ASSOCIATES INC.

3707 WEST 34TH AVE..

VANCOUVER. 8.C.

V6N 2K9

CERT. # : A8315070-001-A

TELEX:

INVCICE # : 18315070 DATE : 29-SEP-83

P.C. # : NONE

JUNE

\$000.10	Bass	86	7-		AS		
Sample description	Prep	Pb onm	Zn	Ag	A3 00m		
CJS-83915-01	code 201		ррл 65	0-1			
						_	
CJS-83915-02	201	8	65 50	0-1	4		
CJS-83915-03	201	. 6	59 55	0.1	•		
CJS-83915-04	201	11	55	0-1	3		
CJS-83915-05_	201	9	49	0-1			
CJS-83915-06	201	7	42	0-1	3		
CJS-83915-07	201	23	89	0.1	6		
CJS-83915-08	201	12	84	0-1	3		
CJS-83915-09	201	9	43	0-1	3		
CJS-83915-10	201	15	69	0-2	3		
CJS-83915-11	201	14	69	0-1	4		
CJS-83915-12	201	12	45	0-1	2		
CJS-83915-13	201	14	67	0.1	5		
CJS-83915-14	201	11	59	0-1	3		
CJS-83915-15	201	2	126	0-1	6		
CJS-83915-16	201	17	97	0-1	3		
CJS-83915-17	201	18	102	0-1	6		
CJS-83915-18	201	16	82	0+1	5		
CJS-83915-19	201	18	48	0.1	4		
CJS-83915-20	201	30	73	0-1	2		
CJS-83915-21	201	13	45	0.1	2		
CJS-83915-22	201	12	56	0.1	3		
CJS-83915-23	201	16	. 50	0-1	5		
CJS-83915-24	201	14	48	0.1	2		
CJS-83915-25	201	10	69	0.1			
CJS-83915-26	201	15	140	0.1	4		
CJS-83915-27	201	18	76	0.1	6		
CJS-83915-28	201	20	84	0-1	5		
CJS-83915-29	201	33	75	0.1	9		
CJS-83915-30	201	23	73	0-1	4		
CJS-83915-31	201	12	79	0-1	5		
CJS-83915-32	201	15	86	0-1	4		
CJS-83915-33	201	12	71	0.1	5		
CJS-83915-34	201	8	90	0.1	3		
CJS-83915-35	201	10	78	0.1	5		
CJS-83915-36	201	14	91	0.1	6		
CJS-83915-37	201	15	88	0.1	6		
CJS-83915-38	201	14	65	0.1	5		
CJS-83915-39	201	12	106	0.1	- 6		
CJS-83915-40	201	12	95	0.1	ğ		



Certified by HartBuller



CERTIFICATE OF ANALYSIS

212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEBUIONE, (604) 094 0021

• REGISTERED ASSAYERS TELEX:

TELEPHONE: (604) 984-0221 TELEX: 043-52597

· ANALYTICAL CHEMISTS

· GEOCHEMISTS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

CHRISTOPHERY PEICH & ASSOCIATES IN

3707 WEST 34TH AVE.. VANCOUVER. B.C.

V6N 2K9

CERT. # : A8315070-002-A

INVOICE # : 18315070 DATE : 29-SEP-83

P.O. # : NONE

JUNE

Sample	Prep	Pb	Zn	Ag	AS		-
description	code	ppm	ppm	ppm	D D M		
CJS-83915-41	201	18	95	0.1	7		
CJS-83915-42	201	8	60	0.1	30		
CJS-83915-43	201	12	120	0-1	45		
CJS-83915-44	201	12	101	0.1	9		
CJS-83915-45	201	1.2	97	0-1	7		
CJS-83915-46	201	13	49	0.1	6		
CJS-83915-47	201	19	153	0.1	10		
CJS-83915-48	201	17	107	0.1	9		
CJS-83915-49	201	15	71	0-1	5		
CJS-83915-50	201	13	85	0.1	9		
CJS-83915-51	201	15	77	0.1	5		
CJS-83915-52	201	12	81	0.1	7 .		
CJS-83915-53	201	18	113	0-2	7		
CJS-83915-54	201	20	109	0.1	9		
CJS-83915-55	201	17	97	0.2	. 6		
CJS-83915-56	201	17	78	0.1	7		
CJS-83915-57	203	10	64	0.1	7		
CJS-83915-58	201	14	70	0.9			
CJS-83915-59	201	9	70	0.1	4		
CJS-83915-60	201	1 Ó	72	0-1	ż		
CJS-83915-61	201	13	69	0.5	5		
CJS-83915-62	201	27	200	0.9	5		
CJS-83915-63	201	23	100	0.1	5		
CJS-83915-64	201	43 9	52	0.1	5		
CJS-83915-65	201	24		0.4	10		
<u> </u>							
CJS-83915-66	203	21	93	0.1	6		
CJS-83915-67	201	24	94	0-1	5		
CJS-83915-68	201	15	74	0.1	5		
CJS-83915-69	201	15	84	0-1	5 3		_
CJS-83915-70	<u>203</u> 201	8	54	0-1			
CJS-83915-71		9	66	0-1	6	~-	
CJS-83915-72	201	10	50	0-1	3		
CJS-83915-73	201	10	45	0-1	3		
DGS-83915-01	201	8	85	0.1	6		
DGS-83915-02	201		72	0-1			
DGS-83915-03	201	11	52	0.1	3		
DGS-83915-04	201	10	84	0+1	7		
DGS-83915-05	201	1C	74	0.1	6		
DGS-83915-06	201	13	353	0-6	4		
DGS-83915-07	201	14	50	0.3	5		



Certified by ... Start Bichler



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEPHONE: (604) 984-0221

TELEX: 043-52597

· ANALYTICAL CHEMISTS

• GEOCHEMISTS

CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER, PETER & ASSOCIATES INC.

3707 WEST 34TH AVE... VANCOUVER. B.C.

V6N 2K9

CERT. # : A8315070-003-#

INVOICE # : 18315070 DATE : 29-SEP-83

P.S. # : NONE

JUNE

· REGISTERED ASSAYERS

Sample	Prep	Pb	Zn	Ag	AS		
description_	code	PD#	<u>ppm</u>	pp #	ppm	· · · · · · · · · · · · · · · · · · ·	
DGS 83915-08	201,	25	177	0.2	9		
DGS 83915-09	201	9	121	0-2	10		
DGS 83915-10	201	20	235	2.2	20		
DGS 83915-11	201	12	172	0.1	6		
DGS 83915-12	201	12	98	0-1			
DGS 83915-13	201	17	106	1.3	6		
DGS 83915-14	201	10	46	5.8	1		
DGS 83915-15	201	12	338	2.0	6		
DGS 83915-16	201	13	86	2.8	5		
DGS 83915-17	201	13	155	0.9	11		
DGS 83915-18	201	15	175	1.1	7		
DGS 83915-19	201	16	192	2-4	14		
DGS 83915-20	201	7	85	2.2	3		==
DGS 83915-21	201	12	95	0-1	4		
DGS 83915-22	201	2	82	0 <u></u> 5	2		
DGS 83915-23	201	12	132	0-1	5		
DGS 83915-24	201	14	303	1.9	10		
DGS 83915-25	201	8	159	0.8	7		
DGS 83915-26	201	15	176	1.1	11	+-	
DGS 83915-27	201	32	230	1.2	15		
DGS 83915-28	201	15	185	0.6	7	,	
DGS 83915-29	201	15	67	0.1	5		
DGS 83915-30	201	12	102	0.1	4		
DGS 83915-31	201	13	85	0.1	5		
DGS 83915-32	201	16	94	0.2	6		
DGS 83915-33	201	23	130	0-1	5		
DGS 83915-34	201	20	110	0-1	7		
DGS 83915-35	201	9	100	0.1	7		
DGS 83915-36	201	1Ó	97	0.1	<u>.</u>		
DGS 83915-37	201	8	112	0.1	Š		
DGS 83915-38	201	15	115	0.1	3		
DGS 83915-39	201	3	84	0.1	1		
DGS 83915-40	201	10	250	0.1	5		
DGS 83915-41	261	8	286	0.1	4		
DGS 83915-42	201	20	266	0.1	11		
DGS 83915-43	201	29	310	0.2	5		
DGS 83915-44	201	9	102	0.1	5		
DGS 83915-45	201	4	20	0.1	1		
DGS 83915-46	201	7	160	0.1	<u>.</u>		
DGS 83915-47	201	í	230	Ge 2	7		



certified by HartBichler



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA V7J 2C1

TELEX: 043-52597

TELEPHONE: (604) 984-0221

· ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO : CHRISTOPHER. PETER & ASSOCIATES INC.

3707 WEST 34TH AVE.. VANCOUVER. B.C.

V6N 2K9

CERT. # : A8315070-004-A

INVOICE # : 18315070 DATE : 29-SEP-83

P.O. # : NONE

JUNE

Samp le	Prep	Pb	Zn	Ag	AS	
<u>description</u>	code	ppm	D D III	ppm	ppm	
DGS 83915-48	201	12	100	0.1	5	
DGS 83915-49	201	8	110	0.1	2	
DGS 83915-50	201	1	38	0.1	2	
DGS 83915-51	201	7	197	2.4	5	
DGS 83915-52	201	12	85	0 <u>-2</u>	2	
DGS 83915-53	201	14	130	0.2	10	
DGS 83915-54	201	9	113	0-1	5	
DGS 83915-55	201	11	85	0.1	4.	
DGS 83915-56	201	16	71	0-1	3	
DGS 83915-57	201	11	207	4.9	12	
DGS 83915-58	201	13	84	0-1	5	
DGS 83915-59	201	17	80	0.1	3	
DGS 83915-60	201	17	85	0-1	3	
DGS 83915-61	201	10	67	0.1	4	
DGS 83915-62	201	17	66	0.2	3	
DGS 83915-63	201	. 7	69	0.1	5	



Certified by



212 BROOKSBANK AVE. NORTH VANCOUVER, B.C. CANADA

TELEPHONE: (604) 984-0221

• ANALYTICAL CHEMISTS

• GEOCHEMISTS

• REGISTERED ASSAYERS

TELEX:

043-52597

*** INVOICE ***

To : CHRISTOPHER. PETER & ASSOCIATES INC.

Invoice # : 18315070

3707 WEST 34TH AVE. + VANCOUVER. B.C.

P.D. #

: 29-SEP-83

: NONE

V6N 2K9

Project JUNE

<u>Invoice</u> f	OΓ	anal	ytical	WOFK	reported	on_	<u>certi</u>	ficate(s)	<u> </u>	<u>to</u>	-004
	•	Ana	tysed	for				unit			
Quantity	_	aha	desc	rintio				nrice	amount		

code descri	ption	price	amount
004 - Pb	ppm	•	
005 - Zn	ppm	• •	
006 - Ag	ppm		
013 - AS	ppm	6.95	945.20
	004 - Pb 005 - Zn 006 - Ag	005 - Zn ppm 006 - Ag ppm	004 - Pb ppm 005 - Zn ppm 006 - Ag ppm

Sample preparation and other charges:

132	201 - soil + sediment -80 mesh	0.60	79.20
4	20335 mesh sieve + ring	2.00	8.00

TOTAL \$ 1032.40

Please pay this amount ---> \$ 1032.40

TERMS -- NET 30 DAYS

 h ullet 5 % per month (18 % per annum) charged on overdue accounts

MAY I APRIL I LCP JULYI JUNE I 2697 (4) LEGEND - D- LEGAL CORNER POST 145 CORNER POST IS IDENTIFICATION POST , . **a** 28 . SAMPLE SITE FOLOWED BY As, Pb; Zn; Ag in PPM OUTCROP AREA GEOLOGICAL BRANCH ASSESSMENT REPORT 065 83915-41 •4; 8;286;a1•5;29;30;02•5;29;370;02 **3**\$ ABS RESOURCES LTD. JUNE I CLAIM GEOCHEMICAL MAP I .7;18;113;02.15;32;230;12 6,21,93,01.11.10;46,58 -5,15,71,0.1 -5,13, 85, 0.1 .7,12,81,0.1 . 7,15,185,0.6 , 4;/3; 353; 0.6 .9;20;/09;0.1 . 11 ; 15 ; 176 ; 1.7 ·5;13;69;05 · 14;16;192; 2.4 -5;23;100;01.11;13;155; 0.9 .10;24;101;a4.6;12; 338; 2.0 ·7;10;77;01.3;7;85; 2.2 6,17,97,02. 7,8,159, 0.8 .5,27;200;08.7;15;175;1.1 .5,24;94,21.6;17,106;1.3 6;14;70;09 · 2;2; 82;0.5 -5,9; 52;01 - 5;13; 86 ,2.8 .6;9;66;01.10;95;121502 As; Pb; Zn; Ag in P.P.M. -5,15,77,01 - 5,15,67,0. .7;8;72;0.1 .459.70;01.4;12;95;0. .3;11; 52; 0.1 SCALE in METERS . cJs 03915-/ 3; 8; 65; 0.1 PETER CHRISTOPHER & ASSOC INC. DATE: OCT. 20,1983 MAP: 104-0-16 •4;8;65; 0.1 . 4; 6; 59; 0.1 .3;11;59;0.1 .5;14;67;0.1 .2;12;45;0.1 .4;14;69;0.1 .5;16,50,01 1.0;14;41;0.1 12; 12; 56; 01 13:13; 45:01 .3;15;69;0.2 .2;/4;48;0.1 .3;17;97;0.1 .3;9;43;0.1 .9,12,165,0.1 · 3; 11; 55; 0.1 0 4s ·5; 9;49; O.1 GRANITIC OTC