

881037

ANALYTICAL SERVICES REQUEST

Submitter: TOM SCHROETER

Date submitted June 2/88
Date required ASAP

Date started June 6/88
Date reported AUG 4 '88

Number of samples 2
Special instructions X-RAY

Project BLACKDOVE Area NINE
Air photo _____ Card 1 of 1

Priority

Chief Analyst Wm J. Jones
PRINT CLEARLY (use dark pen or pencil)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
NTS			FLD			NOZ			NUTM			E			UTM			N			RXT			YAG			S			PROPERTY										COMMENTS																																								
920/8W BLACK-88-1																																	BLACKDOME MINE - Giant vein																																															
LAB			NOO			XIDES			SPEC			XRDM			INPR			PAu			Ag			Cu			Pb			Zn			Co			Ni			Mo			Cr			Hg			As			Sb			Ba			Sr																							
36207			C			P			SQ			Q			SEP			X-Ray circled bright green secondary mineral																																																														
920/8W FT-88																																	Fox trap																																															
LAB			NOO			XIDES			SPEC			XRDM			INPR			PAu			Ag			Cu			Pb			Zn			Co			Ni			Mo			Cr			Hg			As			Sb			Ba			Sr																							
36208			C			P			SQ			Q			SEP			X-Ray Mauve-lavender coloured alteration - any dumortierite? andalusite?																																																														
LAB			NOO			XIDES			SPEC			XRDM			INPR			PAu			Ag			Cu			Pb			Zn			Co			Ni			Mo			Cr			Hg			As			Sb			Ba			Sr																							
			C			P			SQ			Q			SEP																																																																	
LAB			NOO			XIDES			SPEC			XRDM			INPR			PAu			Ag			Cu			Pb			Zn			Co			Ni			Mo			Cr			Hg			As			Sb			Ba			Sr																							
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			C			P			SQ			Q			SEP																																																																	
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			C			P			SQ			Q			SEP																																																																	

SPECTROGRAPHIC REPORT

1	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___ Co___ Na___ K___ W___	2	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___ Co___ Na___ K___ W___	3	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Co___ Na___ K___ W___
4	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___ Co___ Na___ K___ W___	5	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Ni___ Co___ Na___ K___ W___	6	Pb___ Cu___ Zn___ Mn___ Ag___ V___ Ti___ Co___ Na___ K___ W___

X-RAY DIFFRACTION REPORT AND COMMENTS

36207 - GREEN SECONDARY MINERAL — AMORPHOUS

36208 - QUARTZ, MUSCOVITE, TRACE:- CHLORITE & TREMOLITE
THE MAUVE-LAVENDER COLOUR MAY BE DUE TO IMPURITY IN QZ S.G. MANGANESE.

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone
ANDS andesite	MNZN monzonite
BSLT basalt	OBSD obsidian
CRBN carbonatite	PNLT phonolite
DCIT dacite	OZPP quartz porphyry
DORT diorite	RYLT rhyolite
GBBR gabbro	SRPN serpentinite
GRNT granite	SNKN shonkinite
GRDR granodiorite	SYNT syenite

TRCT trachyte
TUFF tuff
AMPB amphibolite
CLCC calc-silicate
GNSS gneiss
MRBL marble
PLLT phyllite
SCST schist
HRFL hornfels

SKRN skarn
GOUG gouge
ARGL argillite
CHRT chert
COAL coal
DLMT dolomite
LMSN limestone
MARL marl
QRTZ quartzite

SNDS sandstone
SHLE shale
SLSN siltstone
MRLZ mineralization
MVSP massive sulphide
DISS disseminated
SCKK stockwork
VEIN vein
ALRZ alteration

COLUMNS 32-33

04 Proterozoic	12 Cambrian	21 Mississippian	34 Jurassic
05 Helikian	14 Ordovician	22 Pennsylvanian	36 Cretaceous
06 Hadrynian	16 Silurian	24 Permian	40 Cenozoic
10 Paleozoic	18 Devonian	30 Mesozoic	42 Tertiary
11 Prot.-Paleozoic	20 Carboniferous	32 Triassic	44 Quaternary
			50 Unknown

COLUMNS 36-43

Mineral Inventory Number or property name

COLUMNS 44-80

Comments

COLUMN 34

SAMPLE TYPE

1	Single grab sample
2	Channel/chip
3	Composite sample
4	Drill core
5	Talus or transported
6	Soil
7	Silt
8	Other

COLUMN 35

% SULPHIDE

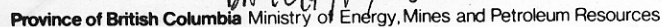
0	<0.5
1	0.5-1
2	1-10
3	10-50
4	>50

ANALYTICAL METHOD

AA	ATOMIC ABSORPTION
AH	HYDRIDE GENERATION
FA	FIRE ASSAY
ES	EMMISSION SPEC
XR	X-RAY FLUORESCENCE
WC	WET CHEMICAL
CL	COLORIMETRIC
CV	COLD VAPOUR

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL



BATCH 187-033

APR 9 1981

APR 9 1987

ANALYTICAL SERVICES REQUEST

Date submitted Mar. 31/87
Date required ASAP

Date started April 02/87
Date reported April 06/87

Number of samples 1
Special instructions X-RAY

Project BOLD IN BC

Air photo _____

Area BLACKDOME

Card 1 of 1

Priority

Chief Analyst

PRINT CLEARLY (use dark pen or pencil)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																																																																															
NTS										FLD										NOZNUTM										E UTM N										RXTYAG										PROPERTY										COMMENTS																			
920/7E BL-86-2										51°19'										122°30'										VEIN 42 12										BLACKDOME -										Sulphide ore (depth)																													
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	A	u	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																													
3	3	1	8	5	C	P	S	Q	Q	SEP																									X-RAY -										a) Metallics - argentite, sp. y. electrum, tetrahedrite, pyrite, galena, hematite										b) black silicate? - any aquilarite or marmannite?																								
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	A	u	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																													
C P SQ Q										SEP																																																																					
LAB	NO	O	X	I	D	E	S	P	E	C	X	R	D	M	I	N	P	R	P	A	u	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																																													
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C P SQ Q										SEP																																																																					
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SPECTROGRAPHIC REPORT

1	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Ni _____ Co _____ Na _____ K _____ W _____	2	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Ni _____ Co _____ Na _____ K _____ W _____	3	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Co _____ Na _____ K _____ W _____
4	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Ni _____ Co _____ Na _____ K _____ W _____	5	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Ni _____ Co _____ Na _____ K _____ W _____	6	Pb _____ Cu _____ Zn _____ Mn _____ Ag _____ V _____ Ti _____ Co _____ Na _____ K _____ W _____

X-RAY DIFFRACTION REPORT AND COMMENTS

LAB# FIELD# MINERALS IDENTIFIED.

33185 BL-86-2 a) Metallic to submetallic minerals identified include SPHALERITE, GALENA and minor amounts of CHALCOPYRITE, ACANTHITE (low temperature form of silver sulfide, usually pseudomorphous after argentite), NAUMANNITE and trace argentiferous GOLD (electrum?, but silver content appears to be less than 20%; one tiny grain separated from the submitted specimen readily dissolved in warm aqua regia despite the formation of a black coating during the dissolution process). Due to interference from the minerals mentioned above, the presence of aguilarite cannot be ascertained. However, there is enough evidence to suggest that even if present, aguilarite would not occur in any significant amount.

b) Silicate minerals identified are QUARTZ and a trace amount of ILLITE.

KEY

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone
ANDS andesite	MNZN monzonite
BSLT basalt	OBSD obsidian
CRBN carbonatite	PNLT phonolite
DCIT dacite	QZPP quartz porphyry
DORT diorite	RYLT rhyolite
GBBR gabbro	SRPN serpentinite
GRNT granite	SNKN shonkinite
GRDR granodiorite	SYNT syenite

TRCT trachyte
TUFF tuff
AMPB amphibolite
CLCC calc-silicate
GNSS gneiss
MRBL marble
PLLT phyllite
SCST schist
HRFL hornfels

SKRN skarn
GOUG gouge
ARGL argillite
CHRT chert
COAL coal
DLMT dolomite
LMSN limestone
MARL marl
QRTZ quartzite

SNDS sandstone
SHLE shale
SLSN siltstone
MRLZ mineralization
MVSP massive sulphide
DISS disseminated
SCKK stockwork
VEIN vein
ALRZ alteration

COLUMNS 32-33

04 Proterozoic	12 Cambrian	21 Mississippian	34 Jurassic
05 Helikian	14 Ordovician	22 Pennsylvanian	36 Cretaceous
06 Hadrynian	16 Silurian	24 Permian	40 Cenozoic
10 Paleozoic	18 Devonian	30 Mesozoic	42 Tertiary
11 Prot.-Paleozoic	20 Carboniferous	32 Triassic	44 Quaternary
			50 Unknown

COLUMNS 36-43

Mineral Inventory Number or property name

COLUMNS 44-80

Comments

COLUMN 34

SAMPLE TYPE

1 Single grab sample
2 Channel/chip
3 Composite sample
4 Drill core
5 Talus or transported
6 Soil
7 Silt
8 Other

COLUMN 35

% SULPHIDE

0 <0.5
1 0.5-1
2 1-10
3 10-50
4 >50

ANALYTICAL METHOD

AA	ATOMIC ABSORPTION
AH	HYDRIDE GENERATION
FA	FIRE ASSAY
ES	EMISSION SPEC
XR	X-RAY FLUORESCENCE
WC	WET CHEMICAL
CL	COLORIMETRIC
CV	COLD VAPOUR

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL

MINISTRY OF ENERGY, MINES AND
PETROLEUM RESOURCES

To: Dave Rennie
From: Tom Schroeter

Date: Apr. 13/87

- | | |
|---|--|
| ☐ For your approval. | ☐ Prepare reply for my signature. |
| ☒ For your information. | ☐ Prepare draft of reply. |
| ☐ For necessary action. | ☐ Return to me. |
| ☐ Send me copy of reply. | ☐ File. |
| ☐ For your comments. | ☐ For signature. |
| ☐ Wish to discuss. | |

A copy of the X-ray results
of the high grade sulphide
material.

- nice to see the acanthite
and naumannite?
If you ever have any other
samples for X-ray - pls. send them
along - Cheers, Tom



ANALYTICAL SERVICES REQUEST

Submitter TOM SCHROETERDate submitted Mar. 31/87

Date started _____

Number of samples 1Date required ASAP

Date reported _____

Special instructions X-RAYProject GOLD IN BCArea BLACKDOME

Priority _____

Chief Analyst _____

Air photo _____

Card 1 of 1

PRINT CLEARLY (use dark pen or pencil)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
NTS																FLD NOZ NUTM E UTM N																RXTYAGSS PROPERTY COMMENTS																																															
920/7E BL-86-2																51°19' 122°30'																VEIN 4212 BLACKDOME - Sulphide ore (depth)																																															
LAB NOOXIDESPECXRDMINPRPAu																Ag Cu Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																																																															
C P SQ Q SEP																X-RAY- a) Metallics - argentite, cpy, electrum, tetrahydrite, pyrite, galena, hematite																																																															
LAB NOOXIDESPECXRDMIN																C P SQ Q SEP																																																															
LAB NOOXIDESPECXRDM																C P SQ Q S																																																															
LAB NOOXIDESPECXR																C P SQ Q																																																															
LAB NOOXIDESPECXR																C P SQ Q																																																															
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C P SQ Q SEP																																																																															

MINISTRY OF ENERGY, MINES AND PETROLEUM RESOURCES

To: John Kwong Date: Mar. 31/87

From: Tom Schroeter

☐ For your approval.

☐ For your information.

☒ For necessary action.

☒ Send me copy of reply.

☐ For your comments.

☐ Prepare reply for my signature.

☐ Prepare draft of reply.

☐ Return to me.

☐ File.

☐ For signature.

☐ Wish to discuss.

Re: BLACKDOME SAMPLE

I hope these small samples are enough - if not let me know & I'll send more.

Also - any word on samples submitted on Feb. 3/87 from Todd Logan for assay?

Thanks, John - Tom



ANALYTICAL SERVICES REQUEST

Submitter TOM SCHROETER
Number of samples 1
Special instructions
Project BLACKDOME
Air photo

Date submitted Feb. 3/87
Date required ASAP

Date started Feb. 06/87
Date reported FEB 10 '87

Area BLACKDOME MINE Priority
Card 1 of 1

Chief Analyst Wm J. Jones
PRINT CLEARLY (use dark pen or pencil)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
NTS															FLD NOZ NUTM E UTM N															RXTYAGSPROPERTY															COMMENTS																																		
920/7E BL-86-1															51°19' 122°30'															VEIN 4210 BLACKDOME																																																	
LAB NOOXIDESPECXRD															MINPRPAu															Ag Cu Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																																																	
33034 C P SQ Q															SEP																														X-RAY - silvery black material circled																																		
LAB NOOXIDESPECXRD															MINPRPAu															Ag Cu Pb Zn Co Ni Mo Cr Hg As Sb Ba Sr																																																	
C P SQ Q															SEP																																																																
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SPECTROGRAPHIC REPORT

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X-RAY DIFFRACTION REPORT AND COMMENTS

33034 BL-86-1 The circled silvery black material is MARCASITE.

KEY

COLUMNS 28-31

UMFC ultramafic	GRNS greenstone
ANDS andesite	MNZN monzonite
BSLT basalt	OBSD obsidian
CRBN carbonatite	PNLT phonolite
DCIT dacite	QZPP quartz porphyry
DORT diorite	RYLT rhyolite
GBBR gabbro	SRPN serpentinite
GRNT granite	SNKN shonkinite
GRDR granodiorite	SYNT syenite

TRCT trachyte
TUFF tuff
AMPB amphibolite
CLCC calc-silicate
GNSS gneiss
MRBL marble
PLLT phyllite
SCST schist
HRFL hornfels

SKRN skarn
GOUG gouge
ARGL argillite
CHRT chert
COAL coal
DLMT dolomite
LMSN limestone
MARL marl
QRTZ quartzite

SNDS sandstone
SHLE shale
SLSN siltstone
MRLZ mineralization
MVSP massive sulphide
DISS disseminated
SCKK stockwork
VEIN vein
ALRZ alteration

COLUMNS 32 - 33

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10 Paleozoic	18 Devonian	30 Mesozoic	42 Tertiary
11 Prot.-Paleozoic	20 Carboniferous	32 Triassic	44 Quaternary
			50 Unknown

COLUMNS 36 - 43

Mineral Inventory Number or property name

COLUMNS 44 - 80

Comments

COLUMN 34

SAMPLE TYPE

1	Single grab sample
2	Channel/chip
3	Composite sample
4	Drill core
5	Talus or transported
6	Soil
7	Silt
8	Other

COLUMN 35

% SULPHIDE

0	<0.5
1	0.5-1
2	1-10
3	10-50
4	>50

ANALYTICAL METHOD

AA	ATOMIC ABSORPTION
AH	HYDRIDE GENERATION
FA	FIRE ASSAY
ES	EMISSION SPEC
XR	X-RAY FLUORESCENCE
WC	WET CHEMICAL
CL	COLORIMETRIC
CV	COLD VAPOUR

SAMPLE PREPARATION

W	TUNGSTEN CARBIDE
C	CERAMIC
S	STEEL