

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORTS
DATE RECEIVED SEP 19 1996

Blackstone Resources Inc.

**1996 DRILLING PROGRAM
ON THE BUCK 1-4 CLAIMS**

Volume II - Figures

FILMED

Located on the Nechako Plateau
Omineca Mining Division
NTS 93F/3E
53° 12' North Latitude
125° 04' West Longitude

-prepared for-

BLACKSTONE RESOURCES INC.
501-675 West Hastings Street
Vancouver, B.C., Canada
V6B 1N2

-prepared by-

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August 1996

24,549
PART 2 OF 2

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

6100W 6000W 5900W 5800W 5700W 5600W 5500W 5400W 5300W 5200W 5100W 4900W 4800W 4700W 4600W 4500W

LEGEND

- LITHOLOGIES**
- JURASSIC(?) OR CRETACEOUS(?)**
 Subvolcanic Intrusions
 QP granite: quartz-feldspar porphyry
 GR granite: equigranular, xenolithic; silicified intrusion breccia
- EARLY TO MIDDLE JURASSIC**
 Basaltic Group (Maglio Formation)
Andesites
 AN andesite porphyry
 ANb andesite porphyry
 ANc andesite and feldspar-bearing crystal-lapilli tuff
 ANd maroon feldspar porphyritic andesite flow
 ANe maroon andesite flow breccia
- Rhyolite-Dacite**
 RDa rhyolite breccia
 RDb pale to medium grey, fossiliferous, felsic lapilli tuff
 RDe dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
 RDbf andesite-dacite flow
 RDe felsic ash-feldspar crystal tuff
 RDbf buff, felsic to intermediate, bedded ash-feldspar crystal tuff
 RDe quartz-eye feldspar porphyry flow
 RDb massive maroon quartz-eye feldspar flow
 RDi maroon quartz-eye feldspar porphyry flow breccia
- ET**
 ETa Epiclastics, Tuffs and Siltstones
 ETb green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
 ETc pale green volcanic siltstone to greywacke
 ETd black, non-sulphide-bearing, siltstone and argillite
 ETf white-weathering argillite with conchoidal fracture and concretions
 ETg grey, finely laminated, banded argillite-siltstone and felsic ash tuff

- ALTERATION & MINERALIZATION**
- AK ankerite
 CP chloropyrite
 MS sericite
 PY pyrite
- CL chlorite
 EP epidote
 HS specularite
 MG magnetite
 PY pyrite
 SP sphalerite

SYMBOLS & ABBREVIATIONS

- Geological contact (approximate)
 Fault (assumed)
 Bedding
 Foliation
 Rock sample (float, outcrop)
 Silt sample
 Whole-Rock sample (float, outcrop)
 Breccia
 Hornfels
 Skarn
 Fossil locality
 Glacial till boundary
 Swamp
 Rutt Mineralized Zone

1994 ROCK GEOCHEMICAL ANALYSES

Sample	Au(ppb)	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	
8301	95	432	g/t	52	1211	2.25%	7.38%
8302	45	541	g/t	120	950	1.52%	4.08%
8303	<5	4.4	10	259	14	220	1270
8304	55	0.6	60	75	82	464	
8305	<5	0.2	4	98	18	232	
8306	<5	0.6	14	174	44	98	
484461	<5	0.2	2	249	8	852	
484462	2.0	2.6	<2	176	14	6250	
484463	<5	<0.2	12	107	4	188	
484464	<5	<0.6	<2	188	20	378	
484465	<5	<0.2	14	148	20	166	
484466	<5	<0.2	2	81	8	84	
484467	<5	0.2	6	27	4	12	
484468	<5	<0.2	2	140	14	64	
484469	<5	0.2	<2	102	4	16	
484470	<5	0.2	2	144	2	320	
484471	<5	<0.2	12	41	2	106	
484472	<5	0.2	6	40	18	46	
484473	<5	3.0	10000	23	124	48	
484474	<5	<0.2	14	53	6	94	
484475	<5	0.4	54	49	80	122	
484482	<5	<0.2	4	29	8	48	
509316	<5	2.4	26	59	22	256	
509317	15	200.0	42	1147	1.38%	6.48%	
509318	<5	2.4	8	63	146	408	
509319	<5	0.8	<2	21	56	238	
509320	<5	<0.2	10	11	12	120	
509324	<5	2.8	<2	1827	56	172	
509325	<5	0.6	2	552	<2	3.34%	
509326	<5	1.0	2	1507	18	332	
509327	<5	1.4	10	881	14	4.69%	
509328	<5	2.6	8	1092	62	4818	
509330	20	3.6	6564	22	554	1686	
509331	15	<0.2	12	354	2	6552	
509332	30	1.4	14	554	<2	2.50%	
509333	50	<0.2	28	72	4	7738	
509334	<5	1.6	2	362	22	2.00%	
509335	<5	0.6	82	10	292	1130	

1992 SILT GEOCHEMICAL ANALYSES

Sample	Au(ppb)	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)
484972	45	1.4	140	93	62	1350
484973	<5	0.6	24	30	22	132

1992 ROCK GEOCHEMICAL ANALYSES

Sample	Au(ppb)	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)
463774	35	3.2	60	128	100	518
463775	5	0.8	10	64	18	120
463776	5	0.2	60	17	2	88
463777	125	2.4	110	1325	34	208
463778	50	1	86	436	30	176
463779	20	0.6	78	136	38	148
463780	5	0.8	14	52	32	62
463781	5	0.2	10	38	2	120
463782	5	0.2	2	4	2	46
463783	130	0.2	8	140	2	150
463784	5	0.2	2	61	2	74
463785	5	0.2	2	127	4	48
463786	40	0.2	2	154	4	596
463787	435	5.4	2	189	92	7000
463788	125	2.2	2	133	46	5440
463789	70	1	2	265	14	4620
463800	5	0.2	8	183	8	98
465861	5	0.2	16	133	2	86
465862	5	0.2	8	78	4	140
465863	5	0.2	12	131	2	36
465864	5	0.2	14	127	6	388
465865	5	0.2	2	92	2	46
465866	5	0.2	44	12	26	290
465867	5	0.2	8	13	8	120
465868	5	0.2	4	38	6	22
465869	5	0.4	2	351	8	44
465870	5	0.2	10	210	18	202
484951	5	0.2	1565	34	2	188
484952	5	0.2	12	39	20	110
484953	220	0.2	30	26	4	30
484954	130	2.2	108	390	42	188
484955	5	0.2	2	24	4	42
484956	655	3.4	4	284	88	1.19%
484957	40	0.8	4	217	12	3750
484958	15	0.6	2	478	40	2.71%
484959	10	0.2	2	306	36	2.01%
484960	5	0.2	28	78	4	270
484961	5	0.4	6	30	4	490
484962	5	0.2	6	131	18	1055
484963	5	0.6	2	478	18	478
484964	5	0.2	2	392	2	1.51%
484965	5	0.2	6	159	4	2790
484966	5	1	2	485	22	422
484967	5	0.2	2	92	2	64
484968	5	0.4	278	23	30	184
484969	5	17.8	96	71	2110	3210
484970	5	0.4	122	28	70	214
484971	5	1.8	314	75	382	1060
484974	5	0.2	10	56	8	62
484975	5	0.2	2	57	6	52
484976	5	0.2	10	90	2	26
484977	5	0.2	2	135	8	70
484978	5	0.2	4	52	2	234
484980	5	0.2	16	217	8	144
484981	5	0.4	4	371	2	48
484982	5	0.2	2	264	2	114
484983	5	0.2	96	430	26	200
484984	5	0.2	2	85	2	98
484985	5	0.2	12	50	6	22
508551	5	0.2	25	48	20	108



26.1m

XEE Flint 10% PO, 1% CP

X Ferriferous

509332 10% PO, SP 1% CP

509333 SP 1% CP

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

ETc 10% PO, 2% PY

RUTT ZONE MINERALIZATION

X-MAS CAKE SHOWING

L14.5 TRENCH AREA

ANa

ETe

RDe

RDe

RDe

RDe

RDe

RDe



A

LOOKING 020 degrees

A'

BCK96-01
(Collar Location 5003W, 9054N)
(Azimuth 290°, Dip -70° Elevation 1250 m)

1200 m

1200 m

Ruff Zone

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazelton Group (Naglico Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- Rdh massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- Rdj pale green, feldspar porphyry (mylonite)
- Rdk pink to green, plagioclase and orthoclase porphyry
- Rdl pale green, lapilli tuff with argillite and feldspar porphyry clasts
- Rdm pale green, lapilli tuff with planar fabric

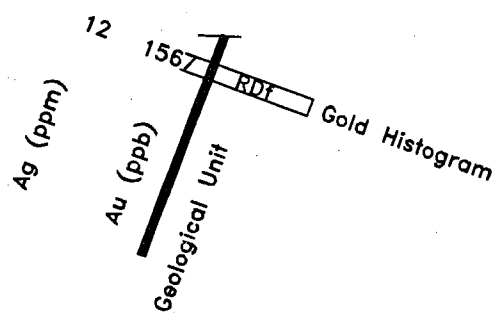
1100 m

1100 m

Epitaxial Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

DRILL HOLE LEGEND



1000 m

1000 m

Contact Zone

900 m

900 m

E.O.H. 398.7m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

0 5 10 20 30 40 50 metres
Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-01
Gold and Silver

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	5

A

LOOKING 020 degrees

A'

BCK96-01
(Collar Location 5003W, 9054N)
(Azimuth 290°, Dip -70° Elevation 1250 m)

1200 m

1200 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglicco Formation)

Andesites

- ANc augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDf buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- RDH massive maroon, quartz-eye feldspar flow breccia
- RDI maroon, quartz-eye feldspar porphyry flow breccia
- RDJ pale green, feldspar porphyry (rhyolite)
- RDK pink to green, plagioclase and orthoclase porphyry
- RDL pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDm pale green, lapilli tuff with planer fabric

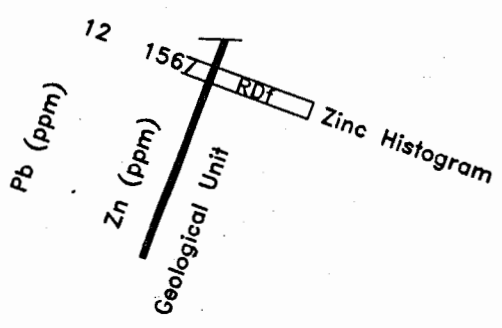
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1100 m

1100 m

DRILL HOLE LEGEND



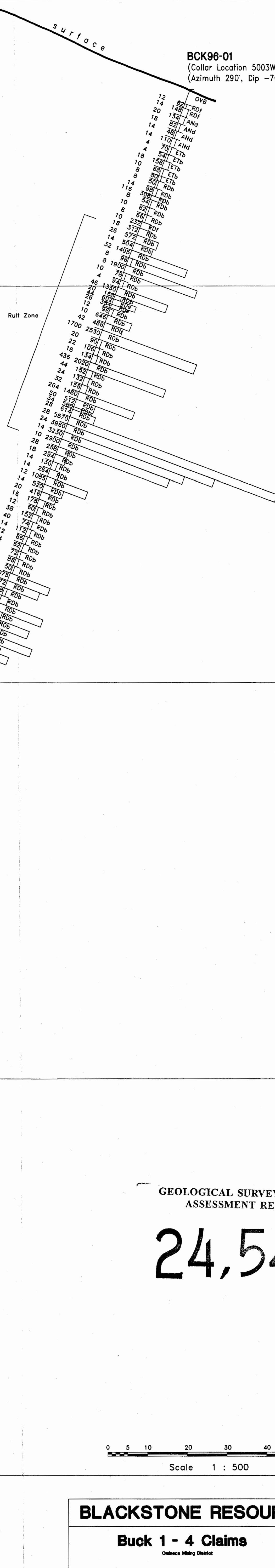
1000 m

1000 m

900 m

900 m

E.O.H. 398.7m



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

0 5 10 20 30 40 50 metres

Scale 1 : 500

900 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-01
Zinc and Lead

Date June 1996

Scale 1 : 500

Drawn by D.A.C.

N.T.S. 93F/3

U.T.M. Zone 10

Figure 6

A

LOOKING 020 degrees

A'

BCK96-01
(Collar Location 5003W, 9054N)
(Azimuth 290°, Dip -70° Elevation 1250 m)

1200 m

1200 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group, (Naglicco Formation)

Andesites

- ANa andesite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc andesite and feldspar-bearing crystal-lapilli tuff
- AND maroon to grey-green, feldspar porphyritic andesite flow
- ANE maroon, andesite flow breccia

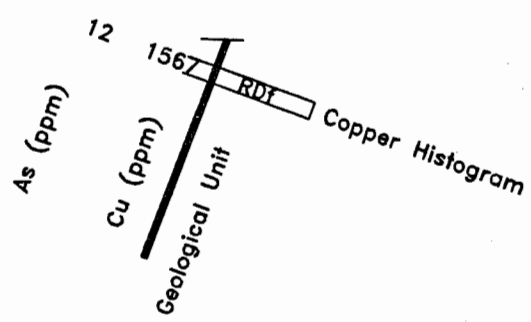
Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDe amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- Rdf buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- Rdg quartz-eye feldspar porphyry flow
- Rdh massive maroon, quartz-eye feldspar flow
- Rdi maroon, quartz-eye feldspar porphyry flow breccia
- Rdj pale green, feldspar porphyry (rhyolite)
- Rdk pink to green, plagioclase and orthoclase porphyry
- Rdl pale green, lapilli tuff with argillite and feldspar porphyry clasts
- Rdm pale green, lapilli tuff with planer fabric

Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

DRILL HOLE LEGEND



1100 m

1100 m

900 m

900 m

E.O.H. 398.7m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

0 5 10 20 30 40 50 metres
Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims

Ontario Mining District

BCK96-01
Copper and Arsenic

Date June 1996

Scale 1 : 500

Drawn by D.A.C.

N.T.S. 93F/3

U.T.M. Zone 10

Figure 7

B

LOOKING 020 degrees

B'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazellon Group (Naglicia Formation)

- Andesites
 - ANA augite and feldspar porphyry
 - ANB amygdaloidal andesite
 - ANC augite and feldspar-bearing crystal-lapilli tuff
 - AND maroon to grey-green, feldspar porphyritic andesite flow
 - ANE maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDc pale to medium grey, fossiliferous, felsic lapilli tuff
- RDd dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDf amygdaloidal dacite flow
- RDg felsic ash-feldspar crystal tuff
- RDh buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDj quartz-eye feldspar porphyry flow
- RDk massive maroon, quartz-eye feldspar flow
- RDl maroon, quartz-eye feldspar porphyry flow breccia
- RDm pale green, feldspar porphyry (rhyolite)
- RDn pink to green, plagioclase and orthoclase porphyry
- RDp pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDq pale green, lapilli tuff with planer fabric

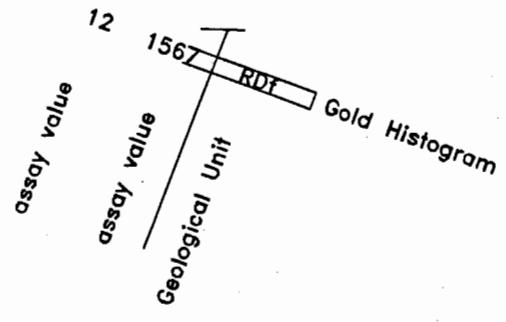
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
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- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

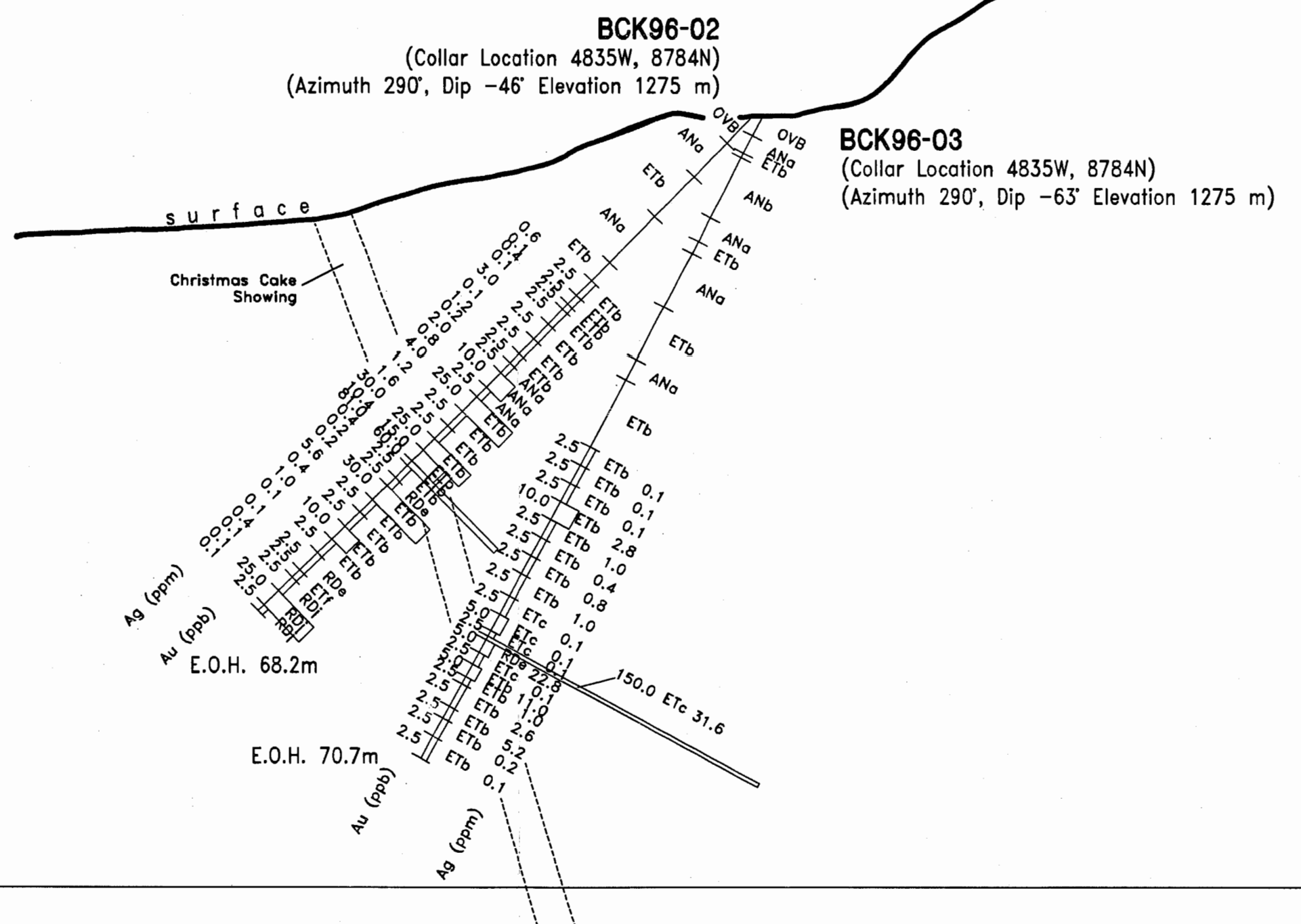
1200 m

DRILL HOLE LEGEND



1100 m

1100 m



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-02,03
Gold and Silver

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	95F/3
U.T.M. Zone	10
Figure	8

1000 m

1000 m

B

LOOKING 020 degrees

B'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazelton Group (Naglicco Formation)

Andesites

- ANa augite and feldspar porphyry
- ANB amygdaloidal andesite
- ANC augite and feldspar-bearing crystal-lapilli tuff
- AND maroon to grey-green, feldspar porphyritic andesite flow
- ANE maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
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- RDg quartz-eye feldspar porphyry flow
- RDh massive maroon, quartz-eye feldspar flow
- RDj maroon, quartz-eye feldspar porphyry flow breccia
- RDk pale green, feldspar porphyry (rhyolite)
- RDl pink to green, plagioclase and orthoclase porphyry
- RDm pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDn pale green, lapilli tuff with planer fabric

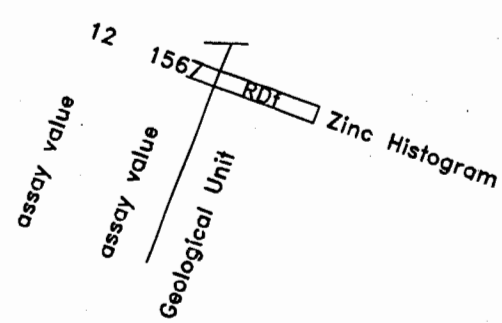
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
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- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

1200 m

DRILL HOLE LEGEND

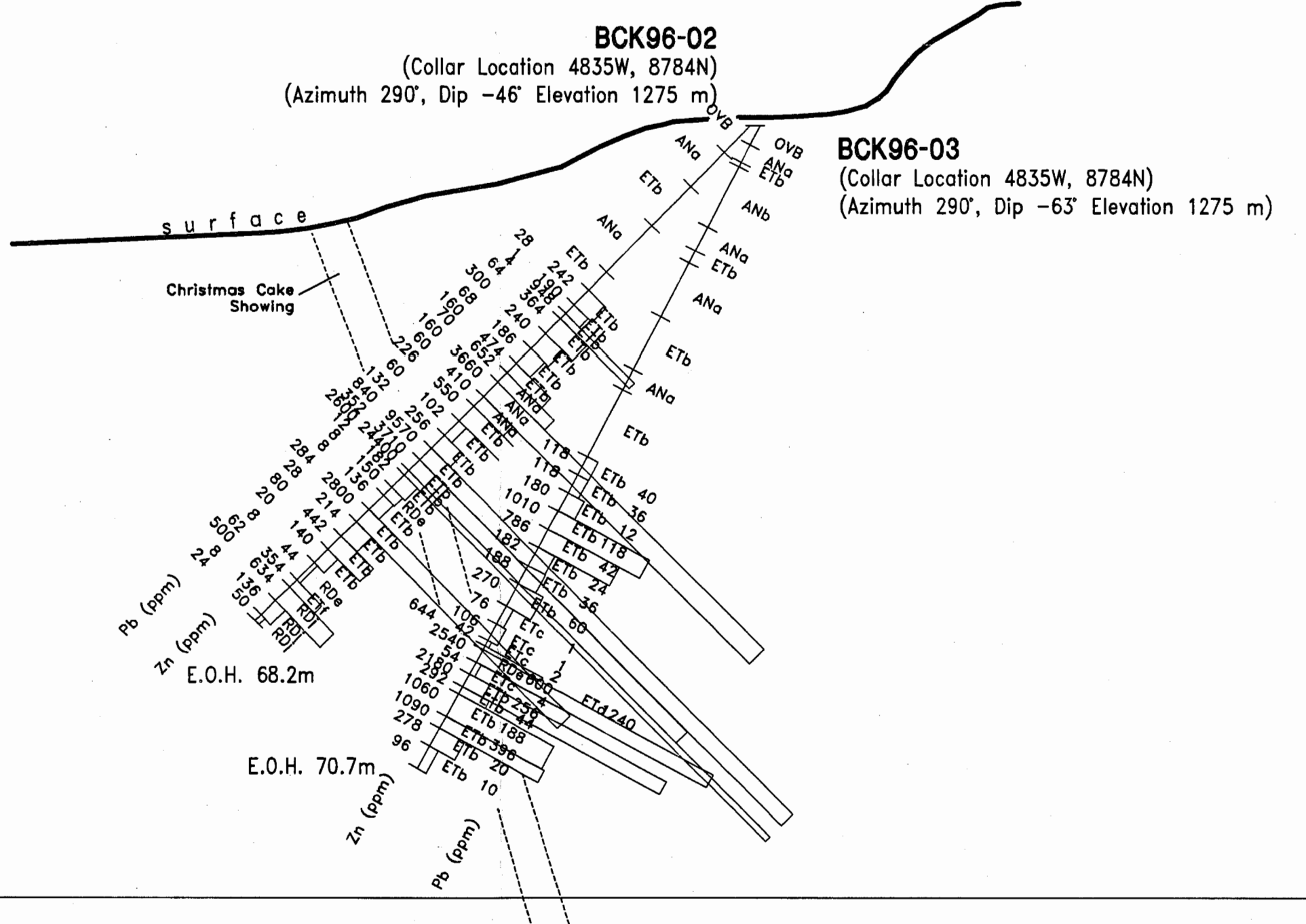


1100 m

1100 m

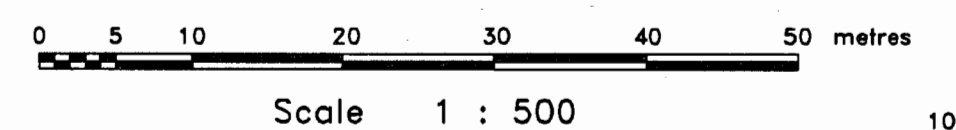
1000 m

1000 m



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549



BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-02,03
Zinc and Lead

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10

Figure 9

B

LOOKING 020 degrees

B'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglicco Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
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- RDg quartz-eye feldspar porphyry flow
- RDh massive maroon, quartz-eye feldspar flow
- RDj maroon, quartz-eye feldspar porphyry flow breccia
- RDk pale green, feldspar porphyry (rhyolite)
- RDl pink to green, plagioclase and orthoclase porphyry
- RDm pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDn pale green, lapilli tuff with planar fabric

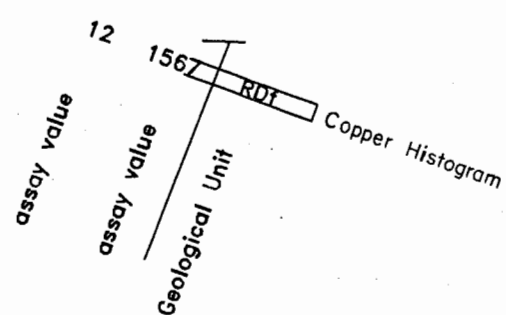
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

1200 m

DRILL HOLE LEGEND

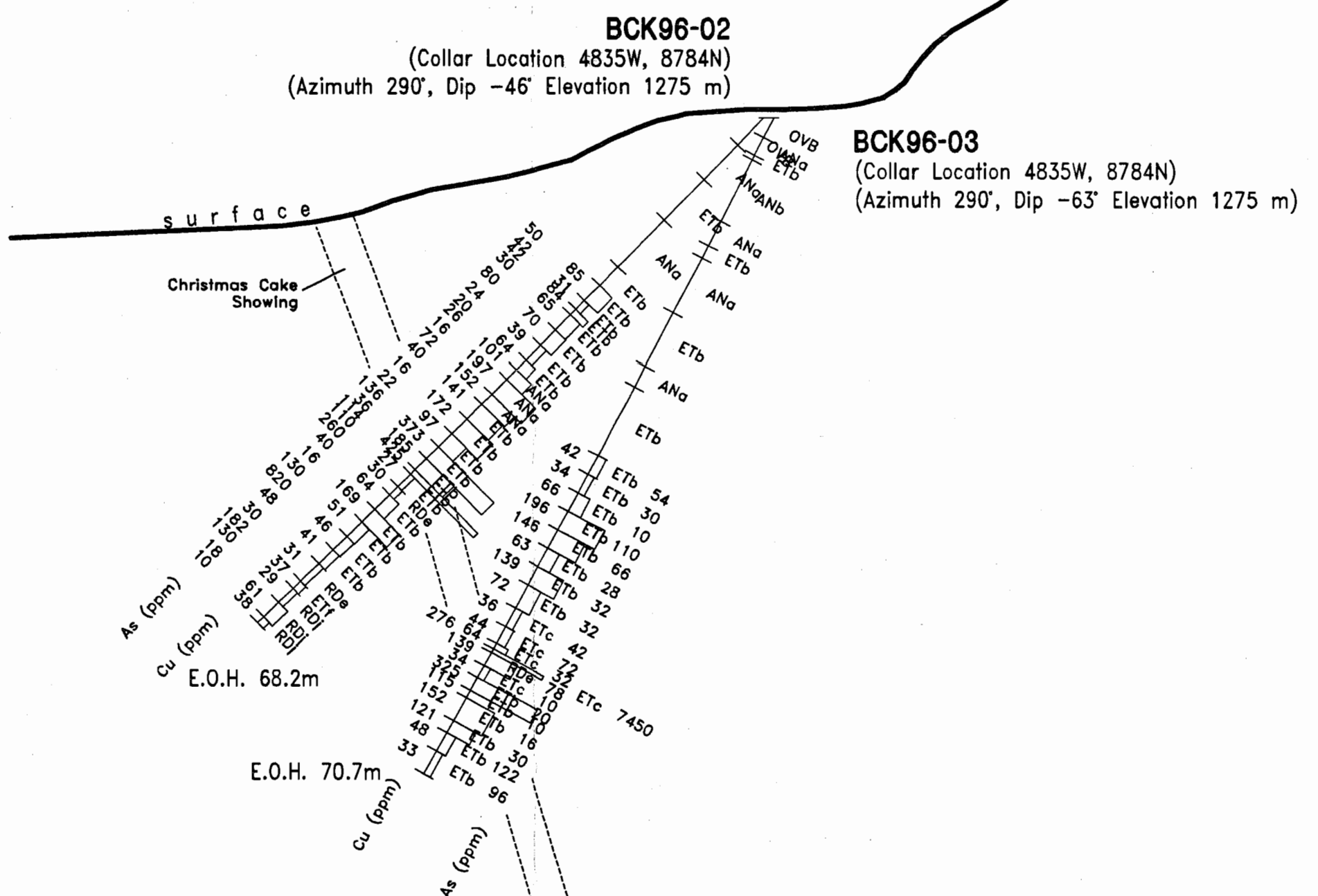


1100 m

1100 m

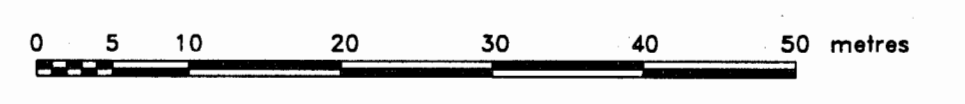
1000 m

1000 m



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549



Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Ontonago Mining District

BCK96-02,03
Copper and Arsenic

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10

FIGURE 10

C

LOOKING 020 degrees

C'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazelton Group (Naglico Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- Rdh massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- Rdj pale green, feldspar porphyry (rhyolite)
- Rdk pink to green, plagioclase and orthoclase porphyry
- Rdl pale green, lapilli tuff with argillite and feldspar porphyry clasts
- Rdm pale green, lapilli tuff with planer fabric

Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

BCK96-04

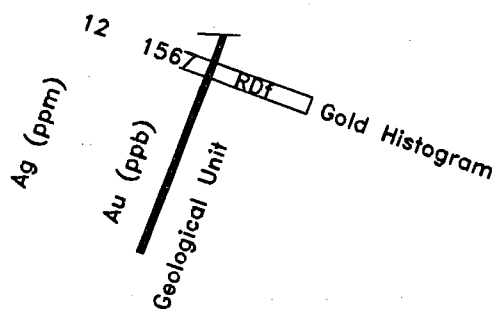
(Collar Location 5370W, 8501N)

(Azimuth 290°, Dip -55° Elevation 1230 m)

1200 m

1200 m

DRILL HOLE LEGEND

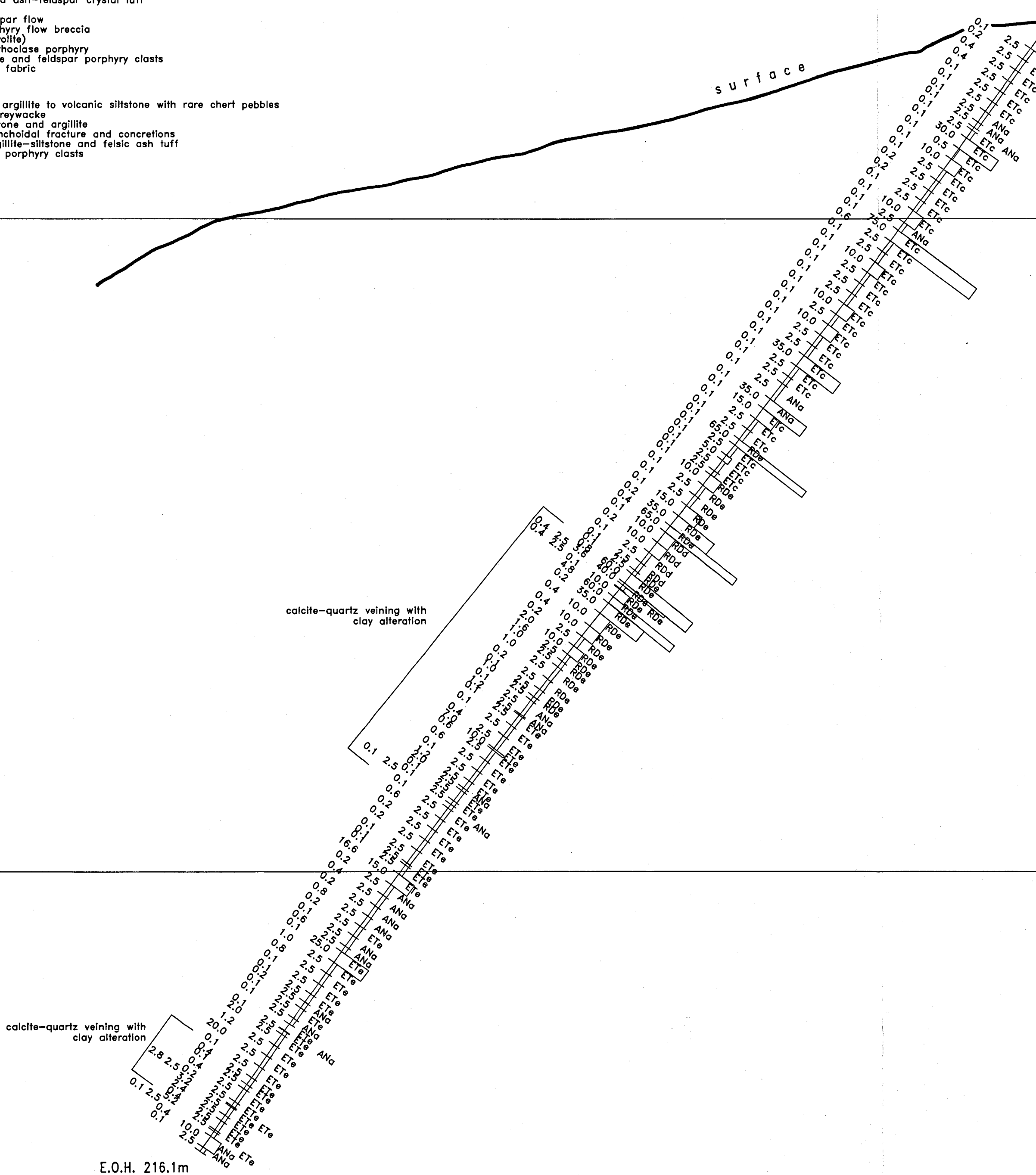


1100 m

1100 m

1000 m

1000 m



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549



Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-04
Gold and Silver

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	11

C

LOOKING 020 degrees

C'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglico Formation)

- Andesites
- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

- Rhyolite - Dacite
- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDf felsic ash-feldspar crystal tuff
- RDg buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDh quartz-eye feldspar porphyry flow
- RDj massive maroon, quartz-eye feldspar flow
- RDk maroon, quartz-eye feldspar porphyry flow breccia
- RDl pale green, feldspar porphyry (rhyolite)
- RDm pink to green, plagioclase and orthoclase porphyry
- RDn pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDm pale green, lapilli tuff with planer fabric

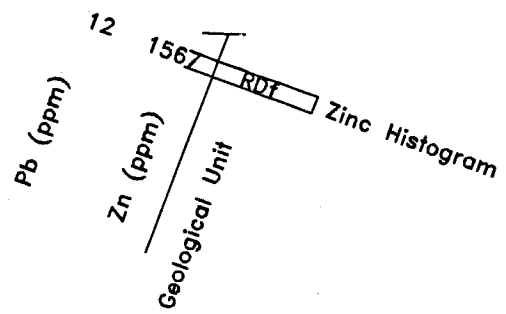
- Epiclastics, Tuffs and Siltstones
- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

BCK96-04
 (Collar Location 5370W, 8501N)
 (Azimuth 290°, Dip -55° Elevation 1230 m)

1200 m

1200 m

DRILL HOLE LEGEND



1100 m

1100 m

calcite-quartz veining with clay alteration

calcite-quartz veining with clay alteration

E.O.H. 216.1m

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

24,549

1000 m

1000 m

0 5 10 20 30 40 50 metres

Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
 Ontario Mining District

BCK96-04
Zinc and Lead

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	12

C

LOOKING 020 degrees

C'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazelton Group (Naglico Formation)

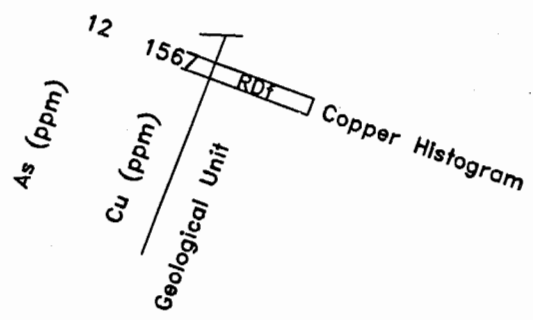
- Andesites**
- ANa augite and feldspar porphyry
 - ANb amygdaloidal andesite
 - ANc augite and feldspar-bearing crystal-lapilli tuff
 - ANd maroon to grey-green, feldspar porphyritic andesite flow
 - ANe maroon, andesite flow breccia
- Rhyolite - Dacite**
- RDa rhyolite breccia
 - RDb pale to medium grey, fossiliferous, felsic lapilli tuff
 - RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
 - RDe amygdaloidal dacite flow
 - RdF felsic ash-feldspar crystal tuff
 - RdG buff, felsic to intermediate, bedded ash-feldspar crystal tuff
 - RdH quartz-eye feldspar porphyry flow
 - RdI massive maroon, quartz-eye feldspar flow
 - RdJ maroon, quartz-eye feldspar porphyry flow breccia
 - RdK pale green, feldspar porphyry (rhyolite)
 - RdL pink to green, plagioclase and orthoclase porphyry
 - RdM pale green, lapilli tuff with argillite and feldspar porphyry clasts
 - RdN pale green, lapilli tuff with planar fabric
- Epiclastics, Tuffs and Siltstones**
- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
 - ETb pale green, volcanic siltstone to greywacke
 - ETc black, non-sulphide-bearing, siltstone and argillite
 - ETd white-weathering, argillite with conchoidal fracture and concretions
 - ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
 - ETf pale green, siltstone with feldspar porphyry clasts

BCK96-04
(Collar Location 5370W, 8501N)
(Azimuth 290°, Dip -55° Elevation 1230 m)

1200 m

1200 m

DRILL HOLE LEGEND



calcite-quartz veining with clay alteration

calcite-quartz veining with clay alteration

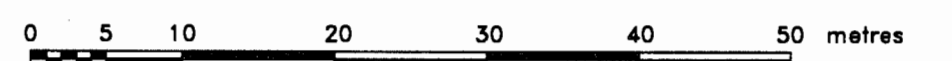
E.O.H. 216.1m

1100 m

1100 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549



Scale 1 : 500

1000 m

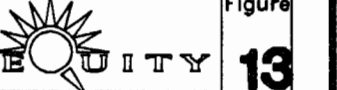
1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-04
Copper and Arsenic

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	13



D

LOOKING 020 degrees

D'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC

Hazelton Group (Naglico Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- Rdh massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- Rdj pale green, feldspar porphyry (rhyolite)
- Rdk pink to green, plagioclase and orthoclase porphyry
- Rdl pale green, lapilli tuff with argillite and feldspar porphyry clasts
- Rdm pale green, lapilli tuff with planer fabric

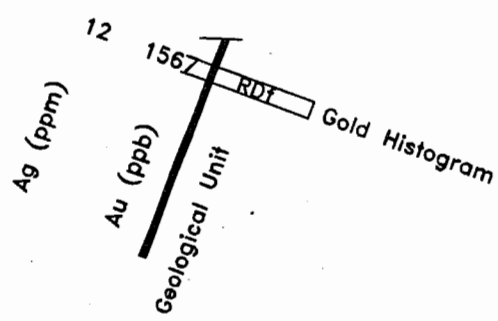
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

1200 m

DRILL HOLE LEGEND



BCK96-05

(Collar Location 5695W, 7290N)

(Azimuth 290°, Dip -55° Elevation 1185 m)

1100 m

1100 m

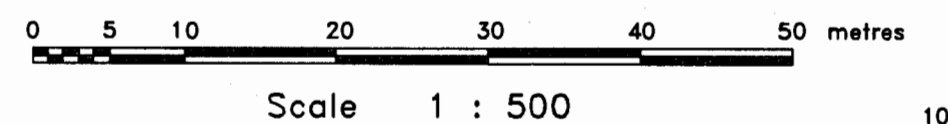
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

calcite-quartz veining with
clay and sericite alteration

E.O.H. 202.1m

68.0 235.0 Ete



1000 m

1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-05
Gold and Silver

Date June 1996

Scale 1 : 500

Drawn by D.A.C.

N.T.S. 93F/3

U.T.M. Zone 10

Figure 14

D

LOOKING 020 degrees

D'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazelton Group (Naglico Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- Rdh massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- Rdj pale green, feldspar porphyry (rhyolite)
- Rdk pink to green, plagioclase and orthoclase porphyry
- Rdl pale green, lapilli tuff with argillite and feldspar porphyry clasts
- Rdm pale green, lapilli tuff with planer fabric

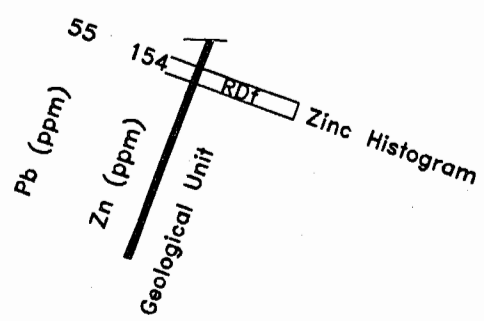
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

1200 m

DRILL HOLE LEGEND



BCK96-05
(Collar Location 5695W, 7290N)
(Azimuth 290°, Dip -55° Elevation 1185 m)

1100 m

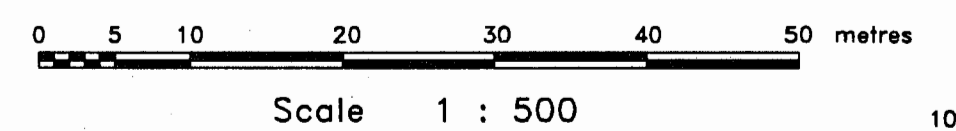
1100 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

calcite-quartz veining with
clay and sericite alteration

E.O.H. 202.1m



1000 m

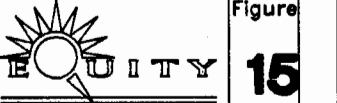
1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-05
Zinc and Lead

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	15



D

LOOKING 020 degrees

D'

1300 m

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglicco Formation)

Andesites

- ANa augite and feldspar porphyry
- ANB amygdaloidal andesite
- ANC augite and feldspar-bearing crystal-lapilli tuff
- AND maroon to grey-green, feldspar porphyritic andesite flow
- ANE maroon, andesite flow breccia

Rhyolite - Dacite

- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDC dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDD amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- RDh massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- RDJ pale green, feldspar porphyry (rhyolite)
- RDK pink to green, plagioclase and orthoclase porphyry
- RDL pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDM pale green, lapilli tuff with planer fabric

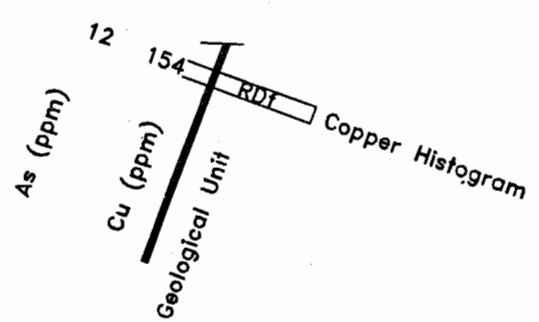
Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

1200 m

DRILL HOLE LEGEND



BCK96-05
 (Collar Location 5695W, 7290N)
 (Azimuth 290°, Dip -55° Elevation 1185 m)

1100 m

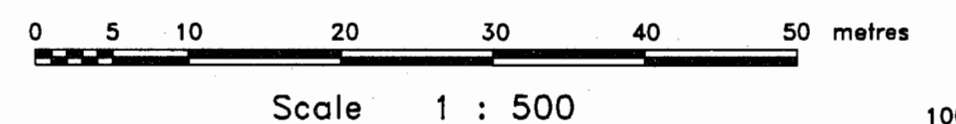
1100 m

calcite-quartz veining with
clay and sericite alteration

E.O.H. 202.1m

GEOLOGICAL SURVEY BRANCH
 ASSESSMENT REPORT

24,549



1000 m

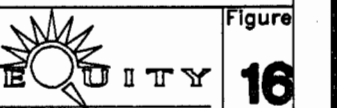
1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
 Ontonago Mining District

BCK96-05
Copper and Arsenic

Date June 1996
 Scale 1 : 500
 Drawn by D.A.C.
 N.T.S. 93F/3
 U.T.M. Zone 10



E

LOOKING 020 degrees

E'

BCK96-06
(Collar Location 5071W, 7966N)
(Azimuth 290°, Dip -54.5° Elevation 1307 m)

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglico Formation)

Andesites

- ANA augite and feldspar porphyry
- ANB amygdaloidal andesite
- ANC augite and feldspar-bearing crystal-lapilli tuff
- AND maroon to grey-green, feldspar porphyritic andesite flow
- ANE maroon, andesite flow breccia

Rhyolite - Dacite

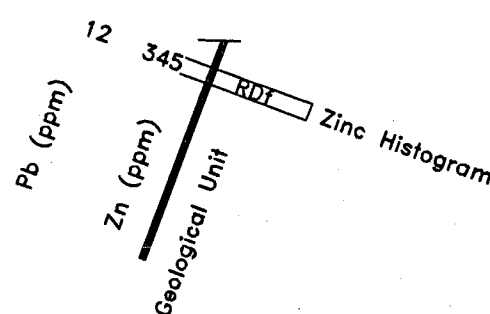
- RDA rhyolite breccia
- RDB pale to medium grey, fossiliferous, felsic lapilli tuff
- RDC dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDD amygdaloidal dacite flow
- RDE felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDG quartz-eye feldspar porphyry flow
- RDH massive maroon, quartz-eye feldspar flow
- RDI maroon, quartz-eye feldspar porphyry flow breccia
- RDJ pale green, feldspar porphyry (rhyolite)
- RDk pink to green, plagioclase and orthoclase porphyry
- RDI pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDM pale green, lapilli tuff with planer fabric

Epiclastics, Tuffs and Siltstones

- ETA green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETB pale green, volcanic siltstone to greywacke
- ETC black, non-sulphide-bearing, siltstone and argillite
- ETA white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETF pale green, siltstone with feldspar porphyry clasts

1200 m

DRILL HOLE LEGEND



calcite-quartz veining with
clay & sericite alteration

E.O.H. 220.7m

1100 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

0 5 10 20 30 40 50 metres

Scale 1 : 500

1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-06
Zinc and Lead

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10



E

LOOKING 020 degrees

E'

BCK96-06
(Collar Location 5071W, 7966N)
(Azimuth 290°, Dip -54.5° Elevation 1307 m)

1300 m surface 1300 m

LITHOLOGIES

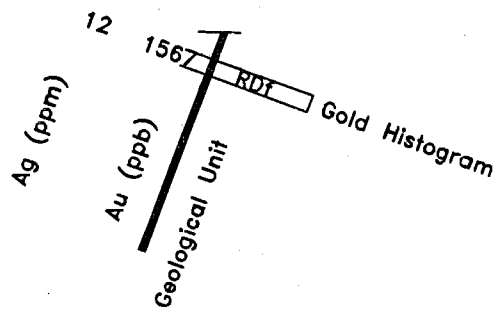
EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglic Formation)

- Andesites**
- ANa augite and feldspar porphyry
 - ANb amygdaloidal andesite
 - ANc augite and feldspar-bearing crystal-lapilli tuff
 - ANd maroon to grey-green, feldspar porphyritic andesite flow
 - ANe maroon, andesite flow breccia
- Rhyolite - Dacite**
- RDa rhyolite breccia
 - RDb pale to medium grey, fossiliferous, felsic lapilli tuff
 - RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
 - RDd amygdaloidal dacite flow
 - RDe felsic ash-feldspar crystal tuff
 - RDf buff, felsic to intermediate, bedded ash-feldspar crystal tuff
 - RDg quartz-eye feldspar porphyry flow
 - RDh massive maroon, quartz-eye feldspar flow
 - RDj maroon, quartz-eye feldspar porphyry flow breccia
 - RDk pale green, feldspar porphyry (rhyolite)
 - RDl pink to green, plagioclase and orthoclase porphyry
 - RDm pale green, lapilli tuff with argillite and feldspar porphyry clasts
 - RDn pale green, lapilli tuff with planar fabric

- Epiclastics, Tuffs and Siltstones**
- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
 - ETb pale green, volcanic siltstone to greywacke
 - ETc black, non-sulphide-bearing, siltstone and argillite
 - ETd white-weathering, argillite with conchoidal fracture and concretions
 - ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
 - ETf pale green, siltstone with feldspar porphyry clasts

1200 m 1200 m

DRILL HOLE LEGEND



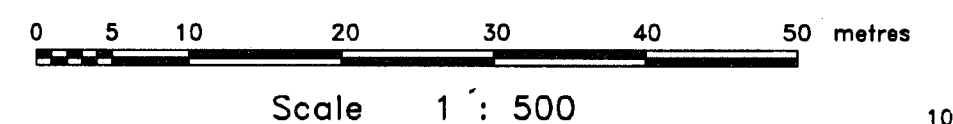
calcite-quartz veining with
clay & sericite alteration

E.O.H. 220.7m

1100 m 1100 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549



1000 m 1000 m

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-06
Gold and Silver

Date	June 1996
Scale	1 : 500
Drawn by	D.A.C.
N.T.S.	93F/3
U.T.M. Zone	10
Figure	17

E

LOOKING 020 degrees

E'

BCK96-06
(Collar Location 5071W, 7966N)
(Azimuth 290°, Dip -54.5° Elevation 1307 m)

1300 m

LITHOLOGIES

EARLY TO MIDDLE JURASSIC
Hazleton Group (Naglico Formation)

Andesites

- ANa augite and feldspar porphyry
- ANb amygdaloidal andesite
- ANc augite and feldspar-bearing crystal-lapilli tuff
- ANd maroon to grey-green, feldspar porphyritic andesite flow
- ANe maroon, andesite flow breccia

Rhyolite - Dacite

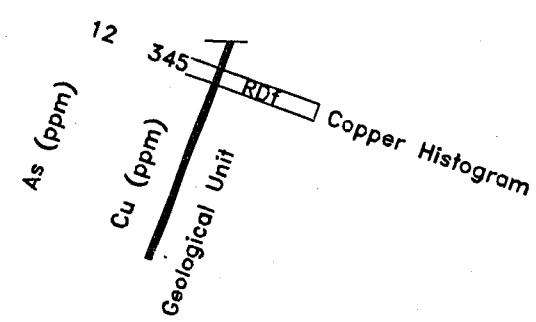
- RDa rhyolite breccia
- RDb pale to medium grey, fossiliferous, felsic lapilli tuff
- RDc dark grey, highly fossiliferous, argillaceous felsic crystal to lapilli tuff
- RDd amygdaloidal dacite flow
- RDe felsic ash-feldspar crystal tuff
- RDF buff, felsic to intermediate, bedded ash-feldspar crystal tuff
- RDg quartz-eye feldspar porphyry flow
- RDH massive maroon, quartz-eye feldspar flow
- RDi maroon, quartz-eye feldspar porphyry flow breccia
- RDJ pale green, feldspar porphyry (rhyolite)
- RDK pink to green, plagioclase and orthoclase porphyry
- RDL pale green, lapilli tuff with argillite and feldspar porphyry clasts
- RDm pale green, lapilli tuff with planar fabric

Epiclastics, Tuffs and Siltstones

- ETa green, massive to poorly-bedded, argillite to volcanic siltstone with rare chert pebbles
- ETb pale green, volcanic siltstone to greywacke
- ETc black, non-sulphide-bearing, siltstone and argillite
- ETd white-weathering, argillite with conchoidal fracture and concretions
- ETe grey, finely laminated, banded argillite-siltstone and felsic ash tuff
- ETf pale green, siltstone with feldspar porphyry clasts

1200 m

DRILL HOLE LEGEND



calcite-quartz veining with
clay & sericite alteration

E.O.H. 220.7m

1100 m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

24,549

1000 m

0 5 10 20 30 40 50 metres

Scale 1 : 500

BLACKSTONE RESOURCES INC.

Buck 1 - 4 Claims
Omineca Mining District

BCK96-06
Copper and Arsenic

Date June 1996

Scale 1 : 500

Drawn by D.A.C.

N.T.S. 93F/3

U.T.M. Zone 10



Figure 19