GEOLOGICAL REPORT

describing the

JADE 1-8 CLAIMS
(YC20570-YC20577)

including

2001 GEOLOGICAL SURVEYS AND HAND TRENCHING

NTS 116G/01
Latitude 65°10'N and Longitude 138°06'W

in the

Dawson Mining District
Yukon Territory

Prepared by

Archer, Cathro & Associates (1981) Limited

for

Cash Minerals Ltd.

by

R. C. Carne, M.Sc., P. Geo.
November, 2001

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 3600.

M. Burke

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

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CONCLUSIONS AND RECOMMENDATIONS

Limited prospecting and hand trenching were completed on the Jade barite prospect in 2001. Results of this work have confirmed the presence of a modest resource of barite that can apparently be readily upgraded to meet API specifications for processed barite drilling mud.

The area of interest is covered by eight mineral claims (164 hectares) that were staked by Cash Minerals Ltd. in December 2000. The approximate coordinates of the property are 65°10'N and 138°06'W. The NTS reference map for the area is 116G/01.

The deposit is located 8 km east of Engineer Creek and Km 176 on the Dempster Highway (Yukon Highway 11), about 23 km south of the Ogilvie River bridge. The area is 550 road kilometres from Inuvik, the oil field marshalling point for the Canadian Arctic. There is presently no road access to the showing area. Terrain between the property and the highway is relatively gentle and well drained, allowing for inexpensive road construction. There are no parks or other significant land withdrawals in the region.

The Jade barite showing was staked by Jade Drilling Limited in June 1979 and optioned to Milchem Incorporated of Houston, Texas in 1980. There is evidence of earlier work on the property, perhaps dating back to the 1960's. In 1980 Milchem evaluated the showing as a potential source of barite drilling mud for Arctic oil and gas exploration with hand trenching and sampling, collection of a 450 kg bulk sample and 13 diamond drill holes totalling 453 m.

With a moratorium on pipeline construction in the Mackenzie River valley corridor, all natural gas exploration in the Canadian north abruptly ceased in the years following and Milchem returned the property to the owners who eventually allowed the claims to lapse. The recent energy shortage in the U.S. southwest has renewed interest in natural gas exploration in the Mackenzie Delta as well as in the Alaska North Slope and various pipeline proposals are being actively pursued to serve this anticipated production. In addition, devolution of Yukon oil and gas rights from federal to territorial jurisdiction has opened up the Eagle Plains and Bonnet Plume Basin areas of northern Yukon to oil and gas exploration. As well, with heightened drilling activity in the Fort Liard play of southeast Yukon and adjacent Northwest Territories, the potential local demand for barite drill mud has never been stronger. At present, this is largely being met by supply from Texas and China with some local production in the Ross River and Watson Lake areas of east and southeast Yukon, respectively.

Barite showings in the Engineer Creek area, including the Jade deposit, consist of lens-shaped bodies of almost massive, white, moderately to coarsely crystalline barite. These are aligned parallel to bedding, about 50 to 120 m below the stratigraphic top of the host Upper Cambrian to Lower Devonian Bouvette Formation dolomite and limestone.

Most of the barite occurrences are relatively small in size, ranging up to a few metres thick and maybe two or three times greater in the long dimension. The Jade showing is unique in its apparent size, forming a body about 15 m or more thick by 40 m long that occurs along the crest of a low ridge. Dip of the lens varies from 18° at the northwest end to 33° at the southeast end.

One hundred and sixty-six consecutive, largely 3 m samples from seven 1980 drill holes returned specific gravities between 3.35 and 4.48 g/cm^3 with a weighted average of 4.04 g/cm^3. Three character specimens of barite collected from the mineralized body in 2001 contain 88.4 to 96.5% barite with specific gravities ranging between 4.18 and 4.45 g/cm^3. Pure barite has a specific gravity of about 4.45 g/cm^3 while processed barite drilling mud must have a specific gravity of at least 4.20 g/cm^3 to meet API specifications.

The Jade barite deposit is exceptionally pure and the apparent reserve potential is sufficient to support modest production that could meet regional demand for five years or more. More importantly, the proximity to local markets is very good and access to the showing from the Dempster Highway should be relatively inexpensive to construct and maintain. This factor alone is the most attractive component of the project's economic viability, especially with a commodity like barite where the cost of transportation usually greatly exceeds the value of the product itself.

Additional work is required to fully evaluate the tonnage potential of the Jade barite occurrence before a decision can be made to carry the project toward commercial production. This should consist of a modest mechanical trenching program followed up with shallow drilling to evaluate the downdip continuity of the deposit. In addition, a bulk sample collected in 2001 should be processed in a test mill to evaluate the amenability and cost of producing a commercially saleable product.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

R.C. Carne, M.Sc., P.Geo.

INTRODUCTION

The Jade property is 100% owned by Cash Minerals Ltd. The claims were staked in December 2000 to cover a previously explored barite occurrence.

The claim block lies midway along a 100 km long by 30 km wide, north-northeast trending belt of favourable exploration potential that is expressed by scattered barite showings and highly anomalous RGS barium stream sediment geochemical response.

The 2001 exploration program was funded by Cash Minerals and included prospecting, geological mapping, hand trenching and collection of a bulk sample. Fieldwork was performed by a two-person crew in June 2001 from a fly camp on the property. All work was managed by Archer, Cathro & Associates (1981) Limited and was supervised by the author. The author's Statement of Qualifications is given in Appendix I while a list of personnel who worked on the project appear in Appendix II.

PROPERTY, LOCATION AND ACCESS

The Jade property is located in west-central Yukon at latitude 65°10'N and longitude 138°06'W on NTS reference map 116G/01 (Figure 1). It is comprised of eight mineral claims (164 hectares) staked by Cash Minerals in December 2000 and registered with the Dawson Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited, which holds them in trust (Figure 2). Claim registration data are listed below.

Claim Name	Grant Number	Expiry Date*
Jade 1-8	YC20570-YC20577	March 20, 2006

*Expiry date includes 2001 assessment work filed for credit but not yet accepted.

The deposit is located 8 km east of Engineer Creek and Km 176 on the Dempster Highway (Yukon Highway 11), about 23 kilometres south of the Ogilvie River bridge. The area is 550 road kilometres from Inuvik, the oil field marshalling point for the Canadian Arctic.

There is presently no road access to the showing area. Terrain between the property and the highway is relatively gentle and well drained, allowing for inexpensive road construction. In 2001 access was by a Bell 206B Jet Ranger helicopter operated by Trans North Helicopters from a permanent base in Dawson, 145 km to the southwest.

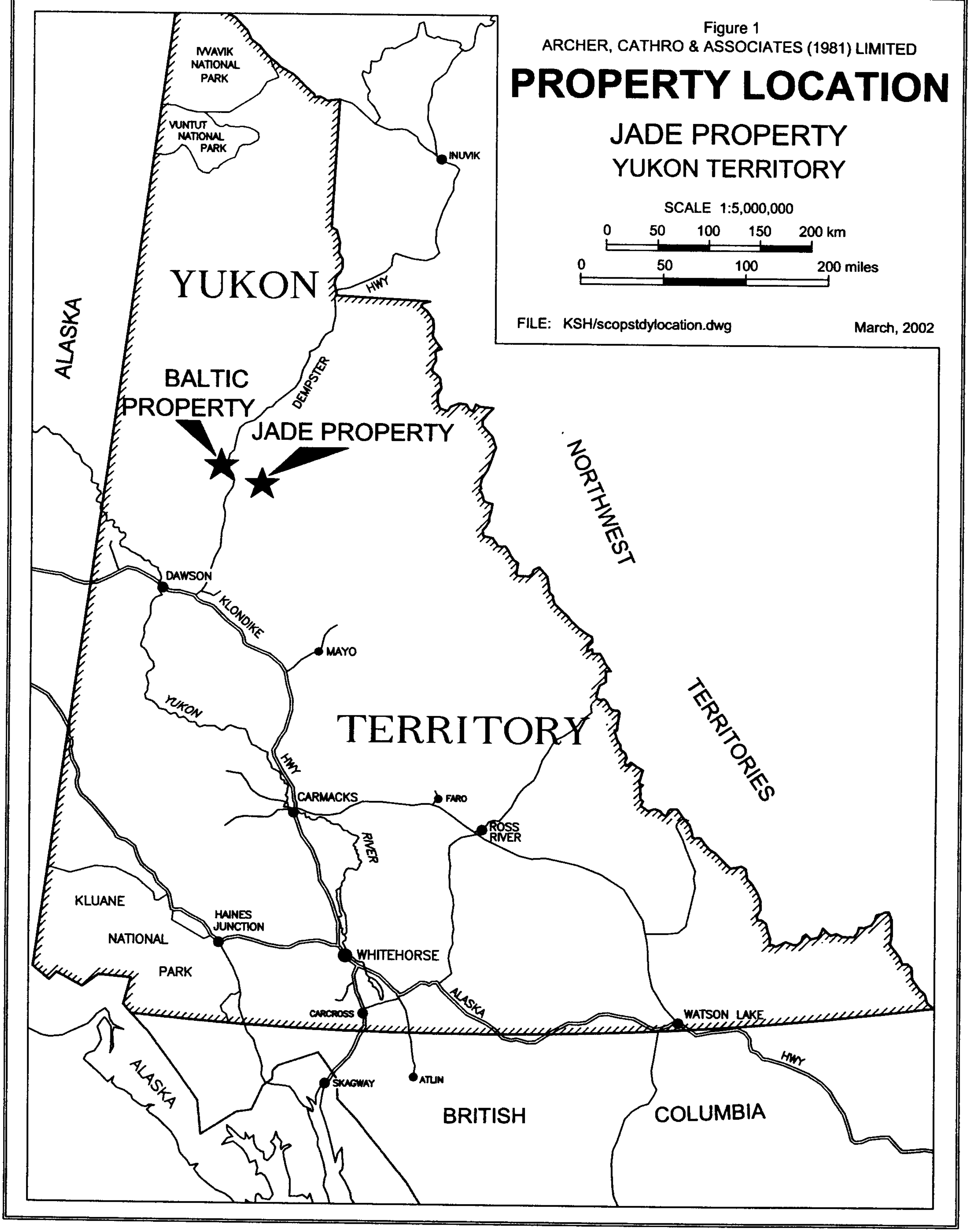
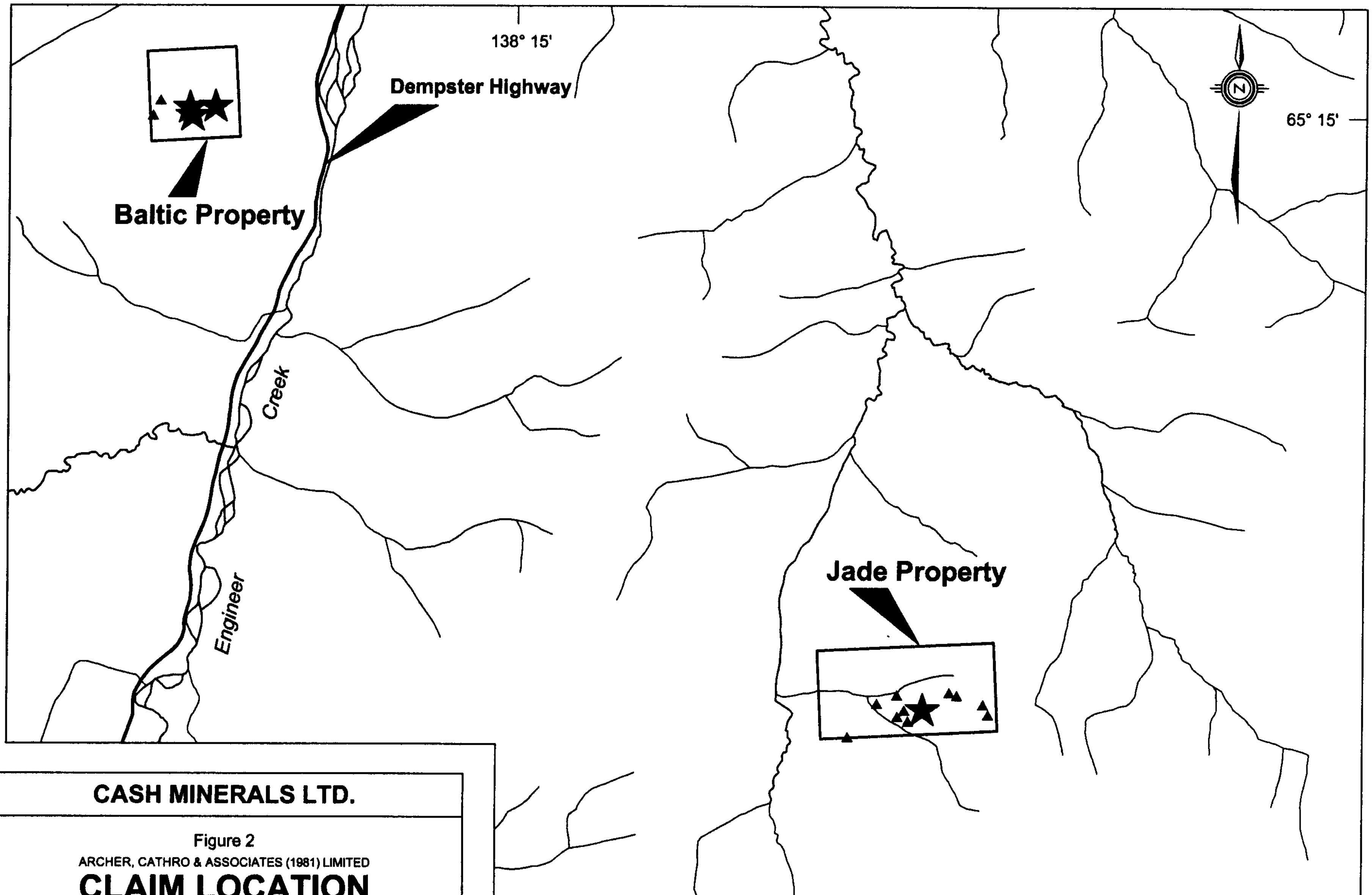


Figure 1
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
PROPERTY LOCATION
JADE PROPERTY
YUKON TERRITORY
SCALE 1:5,000,000
0 50 100 150 200 km
0 50 100 200 miles
FILE: KSH/scopstdylocation.dwg
March, 2002
IVVAVIK NATIONAL PARK
VUNTUT NATIONAL PARK
INUVIK
HWY
YUKON
ALASKA
DEMPSTER
BALTIC PROPERTY
JADE PROPERTY
NORTHWEST
TERRITORIES
DAWSON
KLONDIKE
MAYO
YUKON
TERRITORY
HWY
CARMACKS
FARO
ROSS RIVER
RIVER
KLUANE
NATIONAL
PARK
HAINES JUNCTION
WHITEHORSE
CARCROSS
ALASKA
WATSON LAKE
HWY
SKAGWAY
ATLIN
ALASKA
BRITISH
COLUMBIA



CASH MINERALS LTD.

Figure 2

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

CLAIM LOCATION

JADE PROPERTY

0 0.5 1.0 1.5 2.0 2.5km

Drawn By: RCC	Project: Engineer Creek
File: ksh/jadeAR/50kloc.dwg	Date: March, 2002

LEGEND

★ Major Barite Occurrence

▲ Minor Barite Occurrence

Proposed Access Route

HISTORY

The Jade barite showing was first staked by Jade Drilling Limited in June 1979 and optioned to Milchem Incorporated of Houston, Texas in 1980. Milchem explored the property in July 1980 with hand trenching and sampling, collection of a 450 kg bulk sample and 13 diamond drill holes totalling 453 m. There is evidence of earlier work on the property, perhaps dating back to the 1960s.

GEOMORPHOLOGY

The Jade property lies in the Ogilvie Mountain range, covering a low east-west trending ridge and valley bottom. Elevations locally range from 840 to 1100 m. The main showing area is at 1025 m elevation, just above tree line.

Vegetation consists of stands of black spruce and thick moss cover on lower north-facing slopes and willow with white spruce on drier south-facing slopes. The area was ice-free during the Pleistocene glaciation and, although the area is mountainous, local relief is relatively subdued. Outcrop and frost-heaved sub-outcrop are moderately abundant above tree line but at lower elevations bedrock exposures are largely limited to small cliffs, isolated knolls and stream cuts. Creeks in the area typically have shallow gradients.

GEOLOGY

Regional Setting and Property Geology

The property lies within Mackenzie Platform tectonic element, a Lower to Middle Paleozoic epicratonic shelf (Figure 3). Country rocks are a shallow to medium water depth assemblage of carbonate and pelitic calcareous rocks. There are no intrusive or volcanic rocks in the area.

The Engineer Creek area is underlain by three main sedimentary assemblages as illustrated in the Table of Formations below.

TABLE I
TABLE OF FORMATIONS

UPPER DEVONIAN TO LOWER MISSISSIPPIAN

LOWER EARN GROUP

Canol Formation	non-calcareous, often siliceous black shale with minor black silty mudstone

~~~~~~~~*unconformity or disconformity*~~~~~~~~~

LOWER AND MIDDLE DEVONIAN

GOSSAGE ASSEMBLAGE

Michelle Formation	black calcareous shale; black richly fossiliferous limestone
Ogilvie Formation	dark grey and black fine grained limestone; recessive argillaceous limestone

UPPER CAMBRIAN TO LOWER DEVONIAN

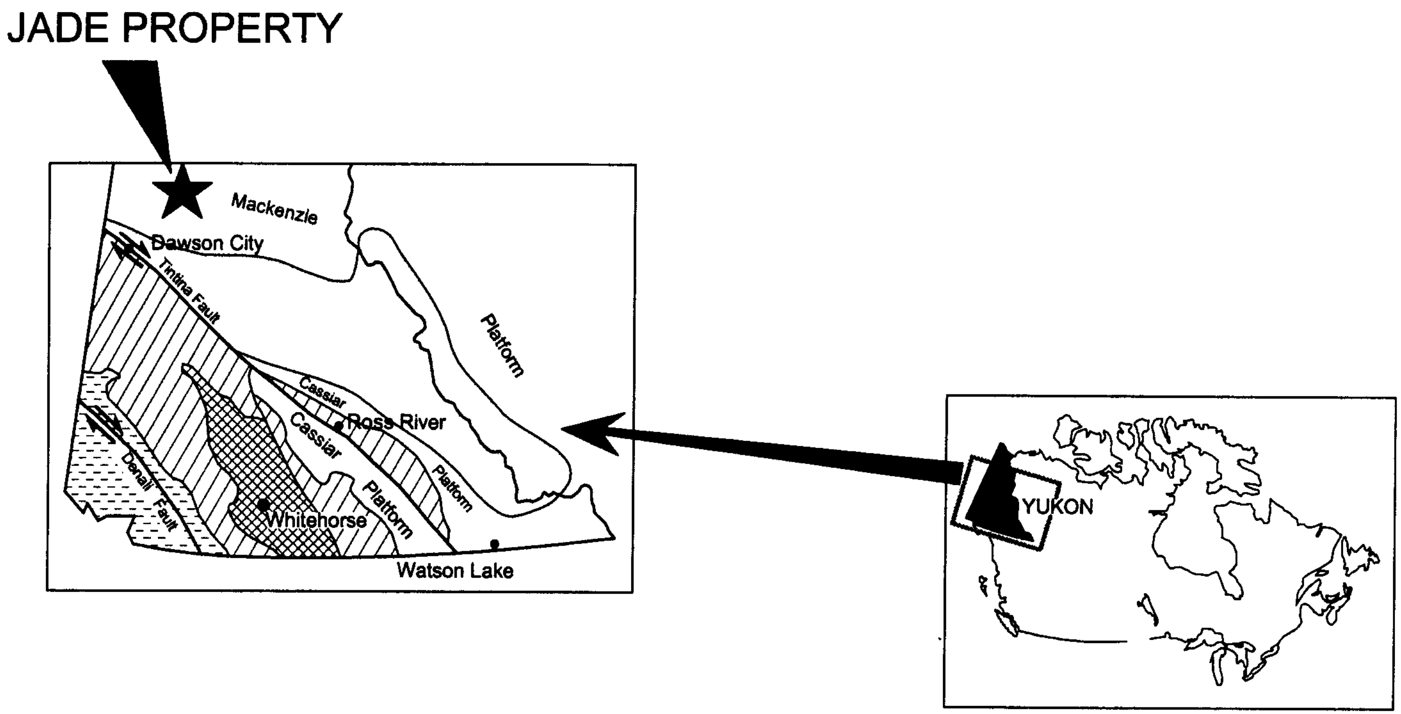
Bouvette Formation	grey and buff weathering dolomite and limestone, medium to thick bedded; massive bluish grey dolomite

~~~~~~~~*unconformity*~~~~~~~~~

LOWER PROTEROZOIC

QUARTET GROUP	black weathering shale, finely laminated dark grey weathering siltstone and fine grained sandstone

All barite mineralization located to date in the immediate area of the Jade claims lies within Bouvette Formation carbonate rocks, near the top of the unit.



Coast and Insular Belts

Intermontane Belt

Yukon-Tanana Terrane and
Slide Mountain Terrane

Selwyn Basin

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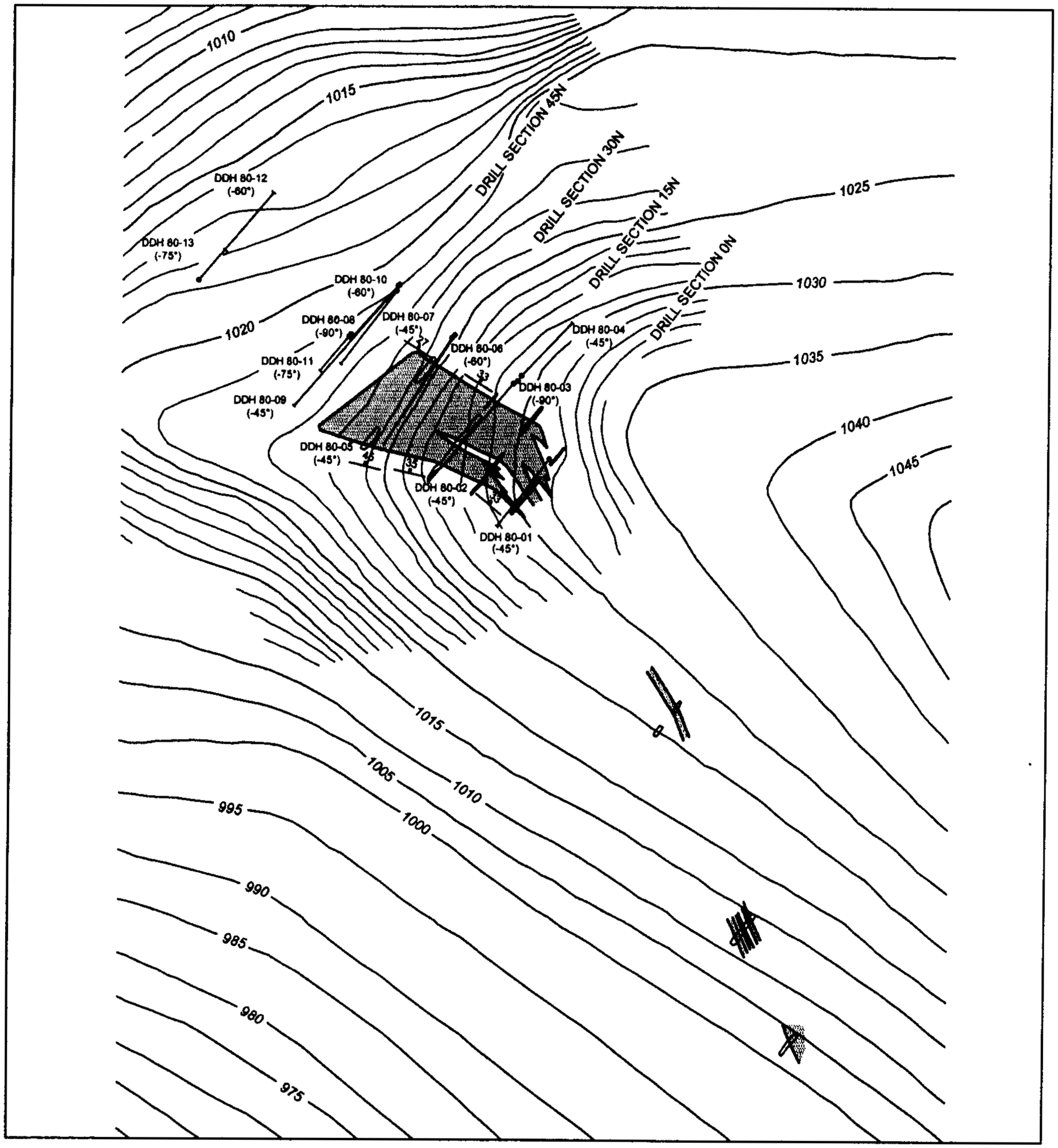
FIGURE 3

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

REGIONAL GEOLOGY

JADE PROPERTY

FILE: ksh/jadeARreggeol	DATE: March, 2002



N

contour interval 1 and 5 m

LEGEND

barite mineralization

58 attitude of barite body

hand trench

diamond drill hole

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Figure 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

JADE PROPERTY

0 25 50 75 100 m

Drawn By: RCC	Project: Engineer Creek
File: ksh/jadeARgeol.dwg	Date: March, 2002

Barite Mineralization and Results of Hand Trenching

The Jade barite deposit is only one of many similar occurrences in the Engineer Creek area although results of exploration to date suggest that it may have the greatest economic significance. In general, the showings in the region are stratabound replacement zones or veins in Bouvette Formation limestone and/or dolomite of probable Lower Devonian age. They consist of massive barite lenses and pods that have selvages of variably well developed coarse crystalline secondary calcite. Intermediate zones of mixed calcite-barite and/or calcite-barium carbonate may also be present. The showings are strongly strata-controlled, showing a distinct preference for an interval that lies between 300 m and 100 m from the top of the Bouvette Formation.

Locations of the 2001 Jade hand trenches are shown on the geology map (Figure 4). All trenches were excavated to solid, but somewhat broken bedrock – a depth of about 60 cm on average. Bedrock was cleaned off with a stiff broom before sampling and mapping were carried out.

Previous work had outlined barite mineralization over a 90 m strike length based on shallow hand trenching of apparently thin overburden cover. Subsequent diamond drilling intersected barite in only the eastern, uphill half of the apparent mineralized zone. A brief inspection of the 1980 hand trenches, coupled with a modest amount of hand pitting, confirmed that the western half of the so-called mineralized zone was in fact abundant boulders of barite that have accumulated downslope of the showing area. Results of trenching over the barite drill intersections, however, confirm the continuity of the eastern half of the zone to surface. Details of this work are given in the trench logs (Appendix IV).

The Jade occurrence itself is a northeast dipping lens of massive barite with minor disseminations and layers of calcite and dolomite. No sulphide minerals are present. It forms a wedge-shaped body up to 15 m thick by 40 m long that occurs along the crest of a low ridge. Dip of the lens largely parallels the dip of the overlying hillside, varying from 18° at the thick northwest end to 33° at the southeast end where it narrows and interfingers with the country rocks. Shallow diamond drilling carried out by Milchem in 1980 demonstrates that the zone maintains its thickness for at least a short distance down the dip as shown on the accompanying cross sections and longitudinal section (Figures 5 to 8).

Milchem collected 166 consecutive, largely 3 m samples of diamond drill core from the seven holes that intersected the 15 to 18 m thick mineralized zone. Specific gravity of the drill core ranged between 3.35 and 4.48 g/cm^3 with a weighted average of 4.04 g/cm^3 as shown below.

Drill Hole	No. of Samples	S. G. Range (g/cm^3)	S. G. Average (g/cm^3)
DDH 2	23	3.43 – 4.41	4.06
DDH 3	24	3.80 – 4.41	4.18
DDH 5	26	3.39 – 4.34	3.81
DDH 6	24	3.35 – 4.35	3.85
DDH 8	27	3.47 – 4.46	4.11
DDH 10	15	3.55 – 4.35	4.00
DDH 11	27	3.55 – 4.48	4.25
	166	**3.35 – 4.48**	**4.04**

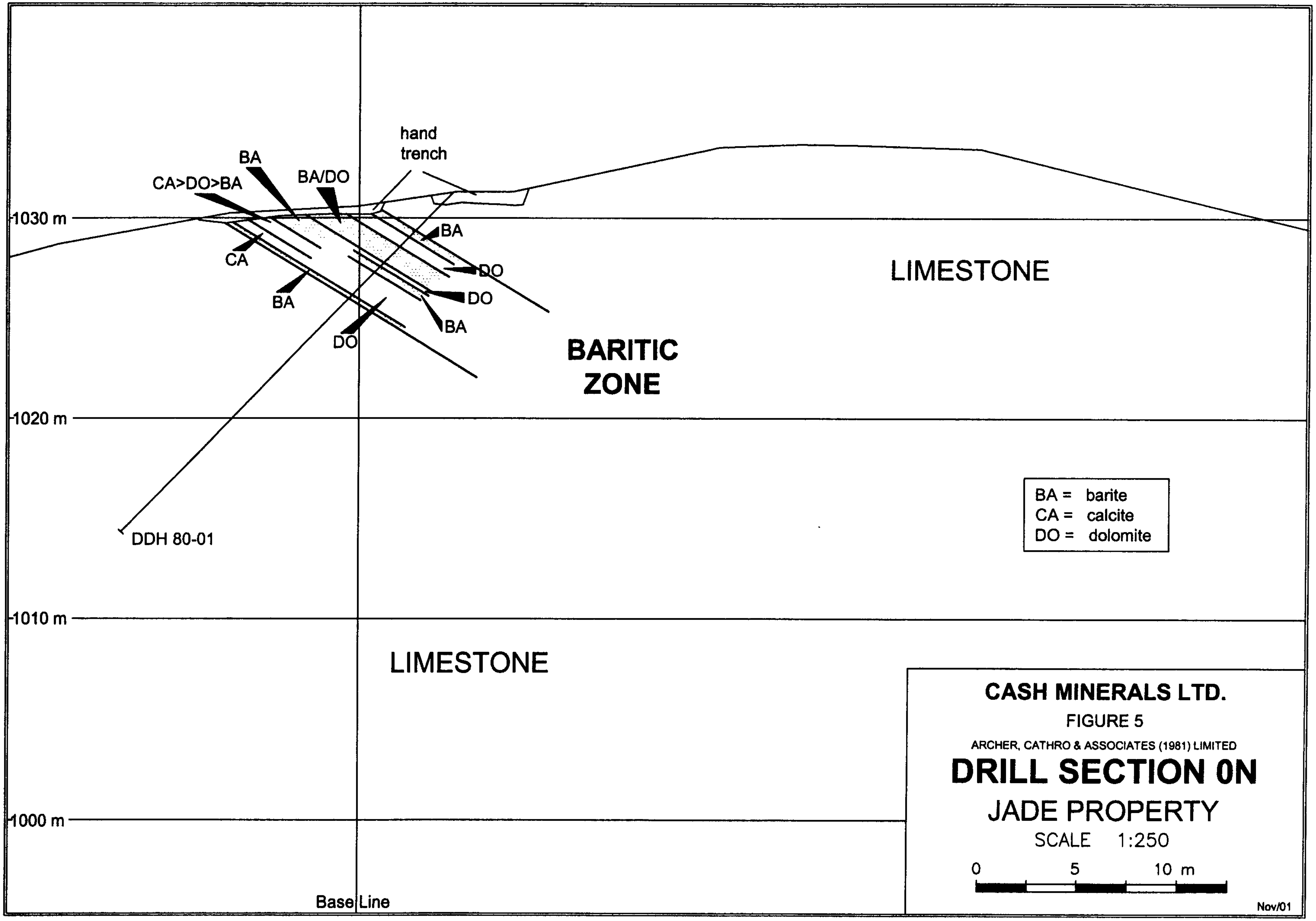
No chemical analyses of these samples are publicly available nor is there record of any metallurgical test work that might have been carried out on the bulk sample collected by Milchem.

A bulk sample of barite that weighs approximately 500 kg was collected from hand trenches and float trains on the property in 2001. No analyses have yet been carried out on this material.

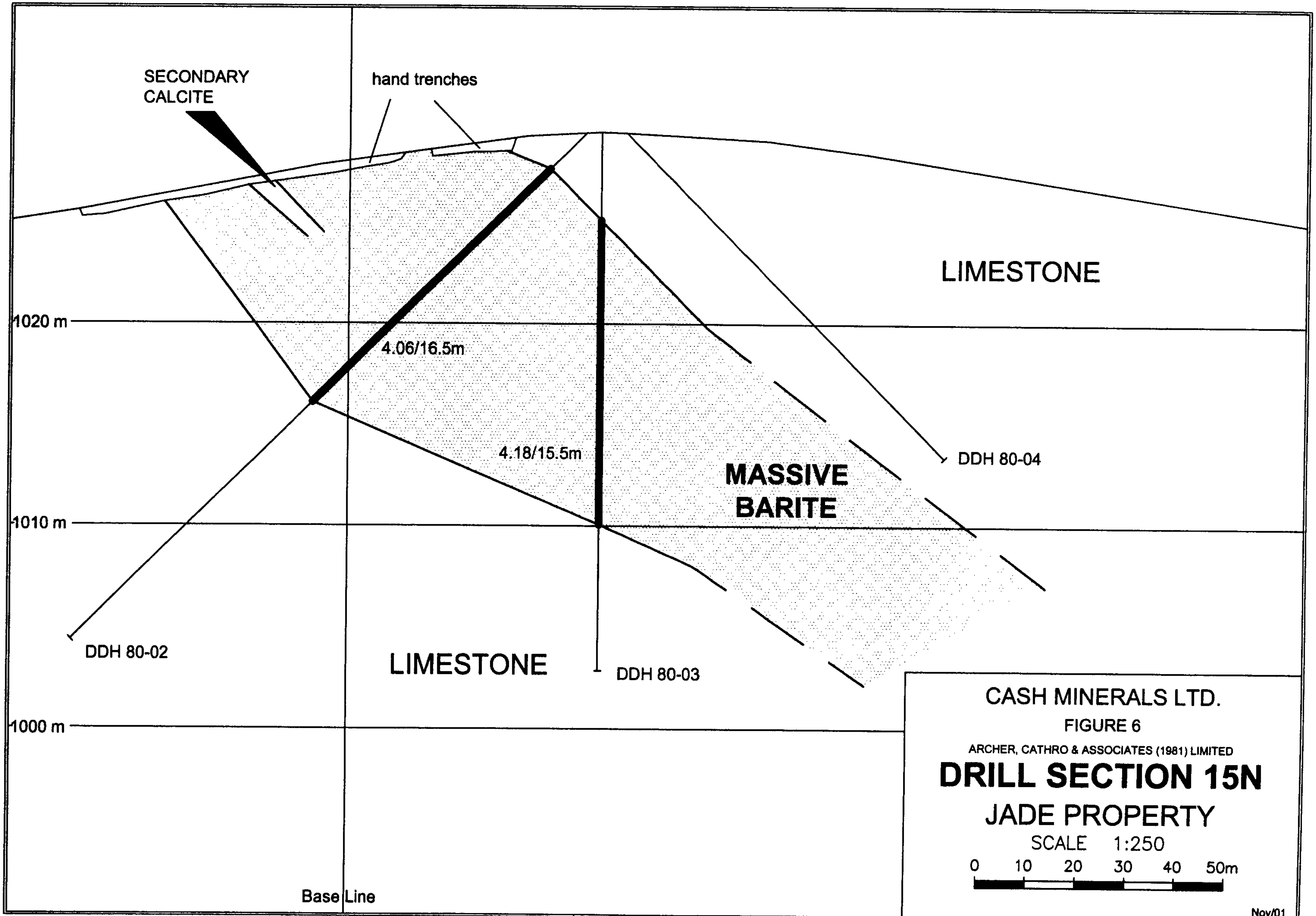
Three representative barite specimens were submitted to ALS Chemex in North Vancouver, B. C. for analysis. Complete laboratory results are located in Appendix III while a summary is given below.

Sample No.	Barium (%)	Barite (%)	S.G. (g/cm^3)	Description
R11431	52.0	88.4	4.18	all three samples consist of a network of white barite
R11432	56.5	96.1	4.36	crystals with a yellowish non-calcareous mineral
R11433	56.8	96.5	4.45	(siderite?) in the matrix

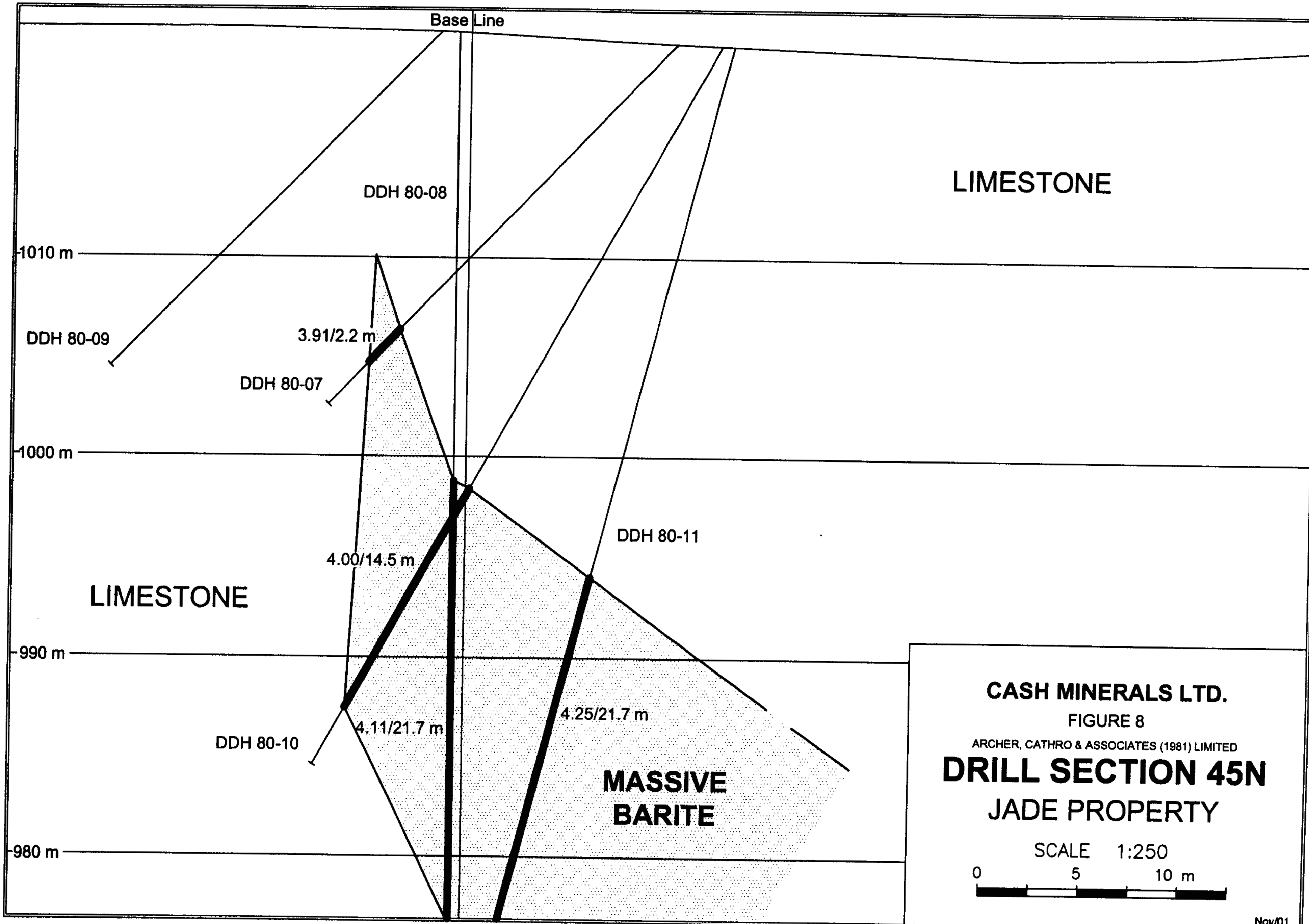
Pure barite contains 58.8% barium with a specific gravity of about 4.45 g/cm^3. Barite drilling mud must have a minimum specific gravity of 4.20 g/cm^3 to meet API specifications.



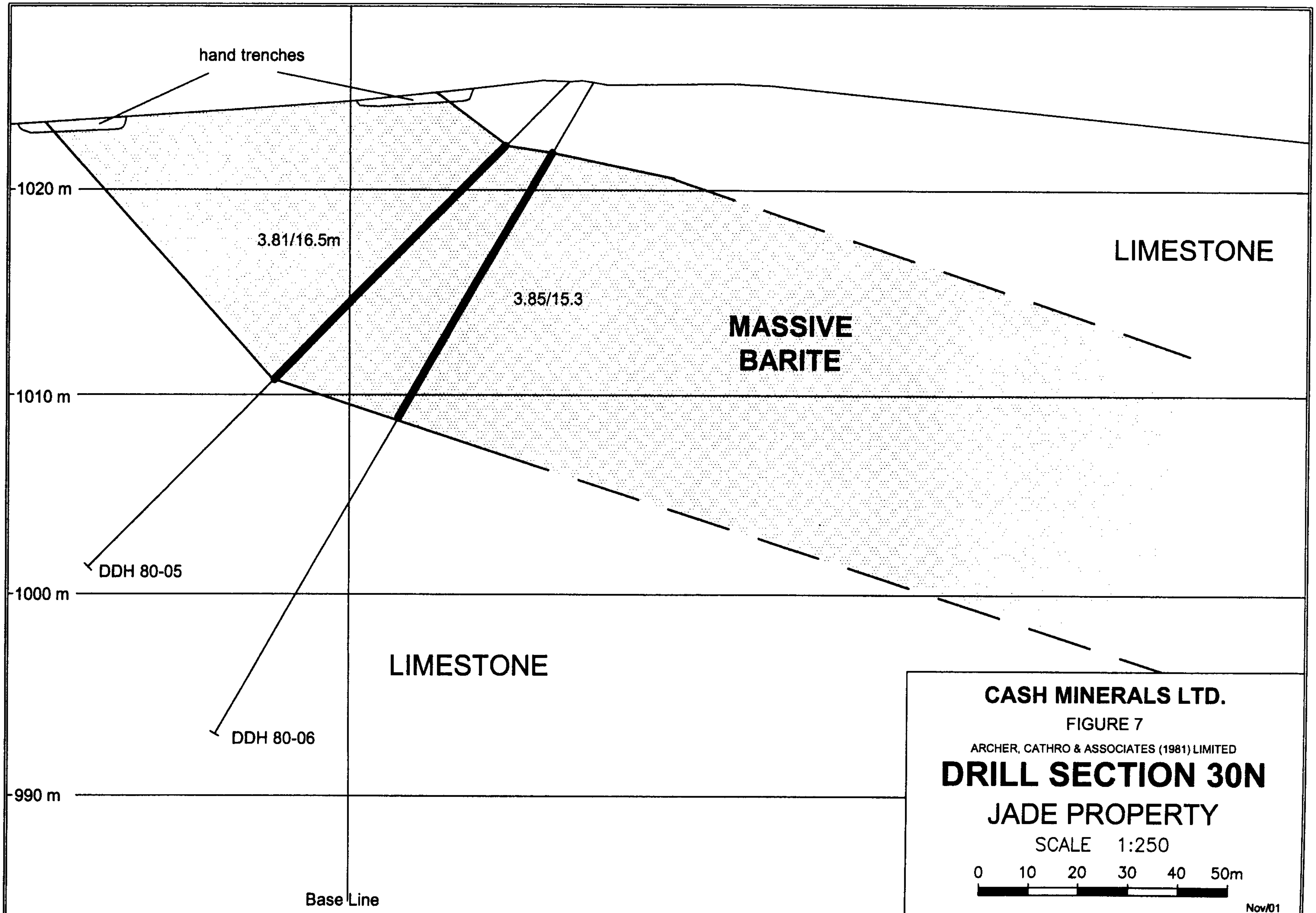
hand
trench
BA
BA/DO
CA>DO>BA
1030 m
BA
CA
DO
BA
DO
BA
DO
LIMESTONE
BARITIC
ZONE
1020 m
DDH 80-01
BA = barite
CA = calcite
DO = dolomite
1010 m
LIMESTONE
1000 m
Base Line
CASH MINERALS LTD.
FIGURE 5
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL SECTION 0N
JADE PROPERTY
SCALE 1:250
0 5 10 m
Nov/01



SECONDARY
CALCITE
hand trenches
LIMESTONE
1020 m
4.06/16.5m
4.18/15.5m
DDH 80-04
MASSIVE
BARITE
1010 m
DDH 80-02
LIMESTONE
DDH 80-03
1000 m
Base Line
CASH MINERALS LTD.
FIGURE 6
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL SECTION 15N
JADE PROPERTY
SCALE 1:250
0 10 20 30 40 50m
Nov/01



Base Line
LIMESTONE
DDH 80-08
1010 m
DDH 80-09
3.91/2.2 m
DDH 80-07
1000 m
DDH 80-11
4.00/14.5 m
LIMESTONE
990 m
4.25/21.7 m
4.11/21.7 m
DDH 80-10
MASSIVE
BARITE
980 m
CASH MINERALS LTD.
FIGURE 8
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL SECTION 45N
JADE PROPERTY
SCALE 1:250
0
5
10 m
Nov/01


hand trenches
1020 m
1010 m
1000 m
990 m
3.81/16.5m
3.85/15.3
LIMESTONE
MASSIVE
BARITE
DDH 80-05
DDH 80-06
LIMESTONE
Base Line
CASH MINERALS LTD.
FIGURE 7
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
DRILL SECTION 30N
JADE PROPERTY
SCALE 1:250
0 10 20 30 40 50m
Nov/01

APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Robert C. Carne, geologist, with business addresses in Whitehorse, Yukon Territory and Vancouver, British Columbia and residential address in Burnaby, British Columbia, hereby certify that:

1. I graduated from the University of British Columbia in 1974 with a B.Sc. and in 1979 with a M.Sc. majoring in Geological Sciences.
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (registration number 19868).
3. From 1974 to present, I have been actively engaged as a geologist in mineral exploration in British Columbia and Yukon Territory and on June 1, 1981 became a partner of Archer, Cathro & Associates (1981) Limited.
4. I have personally participated in or supervised the field work reported herein and have interpreted all data resulting from this work.

Robert C. Carne, M.Sc., P.Geo.

APPENDIX II

LIST OF PERSONNEL

APPENDIX II

LIST OF PERSONNEL

Name	Position	Period of Field Work
Rob Carne	Geologist	June 21 to 23, 27 to 30; July 1, 2001
Bill Wengzynowski	Geologist	June 21 to 23, 27 to 30; July 1, 2001

APPENDIX III

CERTIFICATES OF ANALYSIS

APPENDIX IV

TRENCH LOGS

APPENDIX IV

TRENCH LOGS

Trench 0N

Base Line – 1.5 m west:	massive creamy BA-DO (50/50 by volume), small pods of cubiform blue-white BA
1.5 m west – 3.7 m west:	blue-white cubiform BA
3.7 m west – 5.2 m west:	DO>>BA (dolomite with irregular barite nodules)
5.2 m west – 6.0 m west:	secondary CA>DO>BA
6.0 m west – 6.8 m west:	coarse secondary CA
6.8 m west – 7.1 m west:	cubiform white BA
7.1 m west – 8.3 m west:	unaltered limestone (end of trench)
~~base line~~~~~~~	
Base Line – 0.8 m east:	clear to bluish white, clean cubiform BA
0.8 m east – 3.7 m east:	covered (not trenched)
3.7 m east – 8.0 m east:	almost complete replacement of limestone by secondary (fine grained) calcite; irregular, mottled
8.0 m east – 14.0 m east:	SOS, outcrop; coarse xtal. CA becoming more common d/s to grid south; replacement CA zones horsetail into thin (20 – 30 cm) bedding plane replacements in unaltered limestone (end of trench)

Trench 7.5 N

Base Line – 0.4 m west:	massive bluish white BA
0.4 m west – 1.5 m west:	cubiform BA
1.5 m west – 2.5 m west:	partially replaced limestone with segregations of sec. CA
2.5 m west – 2.9 m west:	unaltered limestone
2.9 m west – 3.0 m west:	partially replaced limestone
3.0 m west – 3.2 m west:	clean white BA
3.2 m west – 3.8 m west:	partially replaced limestone
3.8 m west – 4.6 m west:	clean white BA
4.6 m west – 4.8 m west:	coarse secondary CA
4.8 m west – 7.4 m west:	clean, bluish white, coarse xtal. BA
Trench 7.5N continued	
7.4 m west – 9.3 m west:	coarse secondary CA with very minor cubiform BA nodules
9.3 m west – 10.4 m west:	partially replaced limestone (end of trench)
~~base line~~~~~~	
Base Line – 2.2 m east:	partially covered with boulders, probably clean BA
2.2 m east – 4.5 m east:	untrenched gap
4.5 m east – 7.2 m east:	white BA with minor CA
7.2 m east – 8.2 m east:	white BA with ~10% CA
8.2 m east – 8.6 m east:	unaltered limestone
8.6 m east – 11.5 m east:	partially replaced limestone (end of trench)

Trench 15N

Base Line – 2.0 m west:	massive white BA
2.0 m west – 3.6 m west:	white cubiform BA
3.6 m west – 5.05 m west:	solid, white coarse secondary CA
5.05 m west – 7.4 m west:	recessive, cubiform bluish white BA
7.4 m west – 8.1 m west:	resistant, massive white BA
8.1 m west – 9.1 m west:	blue-white cubiform BA
9.1 m west – 9.7 m west:	limestone heavily replaced by irregular segregations of fine grained secondary CA
9.7 m west – 13.6 m west:	unaltered limestone (end of trench)
~~base line~~~~~~	
Base Line – 1.0 m east:	massive white BA
1.0 m east – 2.5 m east:	BA>>DO (~25% DO by volume as inter-BA crystal masses, slightly yellowish)
2.5 m east – 4.2 m east:	covered (partially trenched)
4.2 m east – 5.6 m east:	clean, cubiform bluish white BA
5.6 m east – 7.65 m east:	fairly clean cubiform BA (~10% DO-CA)
7.65 m east – 8.2 m east:	partially replaced limestone (end of trench)

Trench 30N

Base Line – 4.9 m east:	solid, massive bluish white BA
4.9 m east - 6.0 east:	limestone partially replaced with secondary CA (end of trench)
~~base line~~~~~	
Base Line – 11.7 m west:	covered with large, slumped boulders of relatively clean BA; probably nearly in place
11.7 m west – 15.3 m east:	massive white BA
15.3 m east – 16.65 m east:	limestone almost totally replaced by irregular, fine grained secondary CA (end of trench)

Trench J-1

0 m west – 1.1 m west:	limestone with some secondary CA and minor patches of blue-white BA
1.1 m west – 2.3 m west:	bluish white coarse xtal. BA with CA-filled fractures
Trench J-1 continued	
2.3 m west – 3.5 m west:	limestone with some secondary CA and minor patches of blue-white BA
3.5 m west – 4.0 m west:	bluish white coarse xtal. BA with CA-filled fractures
4.0 m west – 5.2 m west:	limestone with some secondary CA and minor patches of blue-white BA
5.2 m west – 6.2 m west:	bluish white coarse xtal. BA with CA-filled fractures
6.2 m west – 7.2 m west:	limestone with some secondary CA and minor patches of blue-white BA (end of trench)

Trench J-2

0 m west – 0.9 m west:	recessive covered area
0.9 m west – 2.5 m west:	bluish-white coarse xtal. BA with CA-filled fractures
2.5 m west – 5.5 m west:	limestone with some secondary CA and minor patches of blue-white BA (end of trench)

Hand Pit HP-1

Pit bottomed in bluish white coarse xtal. BA with CA-filled fractures; >1.0 m thick

Hand Pit HP-2

Pit bottomed in limestone with some secondary CA and minor patches of blue-white BA

Hand Pit 1

Pit bottomed in unaltered limestone with veins and irregular segregations of coarse, secondary CA

Hand Pit 2

Pit excavated in old shallow hand trench; bottomed in crushed limestone (almost fault gouge); no pieces >1 cm in size

Hand Pit 3

Pit excavated in same old shallow hand trench as above; bottomed in highly fractured limestone as above

ABBREVIATIONS:

BA	barite
DO	dolomite
CA	calcite
xtal.	crystalline
sec.	secondary
d/s	downsection

ALS Chemex
Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CASH MINERALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Comments:

CERTIFICATE A0121196

(MPM) - CASH MINERALS LTD.

Project: JADE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-AUG-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	6	Pulv. <250g to >85%/-75 micron
STO-21	6	Reject Storage-First 90 Days
LOG-22	6	Samples received without barcode
CRU-31	6	Crush to 70% minus 2mm
SPL-21	6	Splitting Charge
229	6	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 1 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
WEI-21	6	Weight of received sample	BALANCE	0.01	1000.0
Ag-ICP41	6	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	100.0
Al-ICP41	6	Al %: 32 element, soil & rock	ICP-AES	0.01	15.00
As-ICP41	6	As ppm: 32 element, soil & rock	ICP-AES	2	10000
B-ICP41	6	B ppm: 32 element, rock & soil	ICP-AES	10	10000
Ba-ICP41	6	Ba ppm: 32 element, soil & rock	ICP-AES	10	10000
Be-ICP41	6	Be ppm: 32 element, soil & rock	ICP-AES	0.5	100.0
Bi-ICP41	6	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
Ca-ICP41	6	Ca %: 32 element, soil & rock	ICP-AES	0.01	15.00
Cd-ICP41	6	Cd ppm: 32 element, soil & rock	ICP-AES	0.5	500
Co-ICP41	6	Co ppm: 32 element, soil & rock	ICP-AES	1	10000
Cr-ICP41	6	Cr ppm: 32 element, soil & rock	ICP-AES	1	10000
Cu-ICP41	6	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
Fe-ICP41	6	Fe %: 32 element, soil & rock	ICP-AES	0.01	15.00
Ga-ICP41	6	Ga ppm: 32 element, soil & rock	ICP-AES	10	10000
Hg-ICP41	6	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
K-ICP41	6	K %: 32 element, soil & rock	ICP-AES	0.01	10.00
La-ICP41	6	La ppm: 32 element, soil & rock	ICP-AES	10	10000
Mg-ICP41	6	Mg %: 32 element, soil & rock	ICP-AES	0.01	15.00
Mn-ICP41	6	Mn ppm: 32 element, soil & rock	ICP-AES	5	10000
Mo-ICP41	6	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
Na-ICP41	6	Na %: 32 element, soil & rock	ICP-AES	0.01	10.00
Ni-ICP41	6	Ni ppm: 32 element, soil & rock	ICP-AES	1	10000
P-ICP41	6	P ppm: 32 element, soil & rock	ICP-AES	10	10000
Pb-ICP41	6	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
S-ICP41	6	S %: 32 element, rock & soil	ICP-AES	0.01	10.00
Sb-ICP41	6	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
Sc-ICP41	6	Sc ppm: 32 elements, soil & rock	ICP-AES	1	10000
Sr-ICP41	6	Sr ppm: 32 element, soil & rock	ICP-AES	1	10000
Ti-ICP41	6	Ti %: 32 element, soil & rock	ICP-AES	0.01	10.00
Tl-ICP41	6	Tl ppm: 32 element, soil & rock	ICP-AES	10	10000
U-ICP41	6	U ppm: 32 element, soil & rock	ICP-AES	10	10000
V-ICP41	6	V ppm: 32 element, soil & rock	ICP-AES	1	10000
W-ICP41	6	W ppm: 32 element, soil & rock	ICP-AES	10	10000

ALS Chemex
Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

o: CASH MINERALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Comments:

CERTIFICATE A0121196

(MPM) - CASH MINERALS LTD.

Project: JADE
P.O. # :

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-AUG-2001.

SAMPLE PREPARATION

METHOD CODE	NUMBER SAMPLES	DESCRIPTION
PUL-31	6	Pulv. <250g to >85%/-75 micron
STO-21	6	Reject Storage-First 90 Days
LOG-22	6	Samples received without barcode
CRU-31	6	Crush to 70% minus 2mm
SPL-21	6	Splitting Charge
229	6	ICP - AQ Digestion charge

* NOTE 1:

The 32 element ICP package is suitable for trace metals in soil and rock samples. Elements for which the nitric-aqua regia digestion is possibly incomplete are: Al, Ba, Be, Ca, Cr, Ga, K, La, Mg, Na, Sr, Ti, Tl, W.

ANALYTICAL PROCEDURES 2 of 2

METHOD CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
Zn-ICP41	6	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000
Al-XRF06	6	Al2O3 %: XRF	XRF	0.01	100.00
Ba-XRF06	6	BaO %: XRF	XRF	0.01	100.00
Ca-XRF06	6	CaO %: XRF	XRF	0.01	100.00
Cr-XRF06	6	Cr2O3 %: XRF	XRF	0.01	100.00
Fe-XRF06	6	Fe2O3 %: XRF	XRF	0.01	100.00
K-XRF06	6	K2O %: XRF	XRF	0.01	100.00
Mg-XRF06	6	MgO %: XRF	XRF	0.01	100.00
Mn-XRF06	6	MnO %: XRF	XRF	0.01	100.00
Na-XRF06	6	Na2O %: XRF	XRF	0.01	100.00
P-XRF06	6	P2O5 %: XRF	XRF	0.01	100.00
Si-XRF06	6	SiO2 %: XRF	XRF	0.01	100.00
Sr-XRF06	6	SrO %: XRF	XRF	0.01	100.00
Ti-XRF06	6	TiO2 %: XRF	XRF	0.01	100.00
OA-XRF06	6	LOI %: XRF	XRF	0.01	100.00
OA-XRF06	6	Total %	CALCULATION	0.01	105.00
351	6	Ba %: Carbonate fusion	GRAVIMETRIC	0.1	100.0
2531	6	BaSO4 %	CALCULATION	0.01	100
OA-GRA08	6	Spec. grav. SG: pulv. material	PYCNOMETER	0.01	20.0

ALS Chemex

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British Columbia, Canada V7J 2C1
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To: CASH MINERALS LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : JADE
Comments:

Certificate Date: 21-AUG-2001
Invoice No. : I0121196
P.O. Number :
Account : MPM

CERTIFICATE OF ANALYSIS A0121196

SAMPLE	PREP CODE	Weight Kg	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
R 11431	94139402	0.82	< 0.2	< 0.01	< 2	< 10	1450	< 0.5	< 2	2.89	< 0.5	< 1	< 1	1	0.03	< 10	< 1	< 0.01	< 10	0.28
R 11432	94139402	0.72	< 0.2	< 0.01	< 2	< 10	1460	< 0.5	< 2	1.00	< 0.5	< 1	< 1	< 1	0.02	< 10	< 1	< 0.01	< 10	0.11
R 11433	94139402	0.72	< 0.2	< 0.01	< 2	< 10	1740	< 0.5	< 2	0.44	< 0.5	< 1	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	0.24
R 11434	94139402	0.44	< 0.2	< 0.01	< 2	< 10	1730	< 0.5	< 2	< 0.01	< 0.5	< 1	< 1	5	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01
R 11435	94139402	1.30	< 0.2	< 0.01	< 2	< 10	1670	< 0.5	< 2	0.21	< 0.5	< 1	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	0.07
R 11436	94139402	3.06	< 0.2	< 0.01	< 2	< 10	1680	< 0.5	< 2	0.03	< 0.5	< 1	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

JADE

BALTI

CERTIFICATION: David [signature]

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Page Number :1-B
Total Pages :1
Certificate Date: 21-AUG-2001
Invoice No. : I0121196
P.O. Number :
Account : MPM

CERTIFICATE OF ANALYSIS A0121196

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Al2O3 % XRF	BaO % XRF	CaO % XRF	
R 11431	94139402	15	< 1	< 0.01	< 1	< 10	< 2	0.04	< 2	< 1	107	< 0.01	< 10	< 10	< 1	< 10	< 2	0.61	58.09	3.75	
R 11432	94139402	5	< 1	< 0.01	< 1	< 10	< 2	0.05	< 2	< 1	76	< 0.01	< 10	< 10	< 1	< 10	< 2	0.66	70.96	1.25	JAD
R 11433	94139402	5	< 1	< 0.01	< 1	< 10	< 2	0.05	< 2	< 1	105	< 0.01	< 10	< 10	< 1	< 10	< 2	0.64	72.58	0.59	
R 11434	94139402	< 5	< 1	< 0.01	< 1	< 10	< 2	0.05	< 2	< 1	26	< 0.01	< 10	< 10	< 1	< 10	< 2	0.64	75.58	0.01	
R 11435	94139402	< 5	< 1	< 0.01	< 1	< 10	< 2	0.05	< 2	< 1	29	< 0.01	< 10	< 10	< 1	< 10	< 2	0.65	70.34	0.25	BALT
R 11436	94139402	< 5	< 1	< 0.01	< 1	< 10	< 2	0.05	< 2	< 1	54	< 0.01	< 10	< 10	< 1	< 10	< 2	0.62	72.51	0.04	

CERTIFICATION:

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VANCOUVER, BC
V6B 1L8

Project : JADE
Comments:

Certificate Date: 21-AUG-2001
Invoice No. : I0121196
P.O. Number :
Account : MPM

CERTIFICATE OF ANALYSIS A0121196

SAMPLE	PREP CODE	Cr_2O_3 % XRF	Fe_2O_3 % XRF	K_2O % XRF	MgO % XRF	MnO % XRF	Na_2O % XRF	P_2O_5 % XRF	SiO_2 % XRF	SrO % XRF	TiO_2 % XRF	LOI % XRF	TOTAL %	Ba %	$BaSO_4$ % Calc	Spec Gr S.G.	
R 11431	94139402	< 0.01	< 0.01	0.01	0.31	< 0.01	0.31	< 0.01	0.08	0.09	0.14	3.65	67.04	52.0	88.44	4.18	
R 11432	94139402	< 0.01	< 0.01	0.02	< 0.01	< 0.01	0.27	0.01	0.07	0.09	0.15	1.27	74.75	56.5	96.05	4.36	JADE
R 11433	94139402	< 0.01	< 0.01	0.02	0.20	< 0.01	0.28	< 0.01	0.05	0.09	0.16	0.88	75.49	56.8	96.45	4.45	
R 11434	94139402	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.35	< 0.01	0.04	0.06	0.16	0.06	76.91	58.0	98.48	4.56	
R 11435	94139402	< 0.01	< 0.01	0.02	< 0.01	< 0.01	0.31	< 0.01	0.14	0.07	0.16	0.27	72.21	57.4	97.60	4.41	BALTIC
R 11436	94139402	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.32	< 0.01	0.05	0.18	0.16	0.05	73.94	57.7	98.11	4.51	

CERTIFICATION: [signature]

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
Box 4127, Whitehorse, Yukon Y1A 3S9
Telephone: (867) 667-4415 Fax: (867) 667-4622

AFFIDAVIT

I, Joan Mariacher, of VANCOUVER, B.C. make oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on the JADE 1-8 mineral claims on Claim Sheet 116 G/1 is accurate.

Joan Mariacher

Sworn before me at VANCOUVER, B.C.
this 31ST day of
OCTOBER, 2001

Notary, Yukon Territory

RECEIVED
NOV - 5 2001
MINING
RECORDERS OFFICE
DAWSON, Y.T.

Statement of Expenditures
Jade 1- 8 Mineral Claims
October 30, 2001

Expenses

Trans North Bell 206B – 5.9 hours at $775/hr plus fuel $5,216.68

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
TELEPHONE (867) 668-2177 FAX (867) 668-3420

ACCOUNT NUMBER: ARCHCAS
INVOICE NUMBER: 27846
INVOICE DATE: 30 06 01
AREA: B.C. / YUKON / NWT / ALTA

CASH MINERALS L.D.
CHARTERER: c/o ARCHER, CATHRO & ASSOC. (1980) LTD
BILLING ADDRESS: 1016-510 W. HASTINGS ST. VANCOUVER V6B 1L8

A/C TYPE: B406
AIRCRAFT REGISTRATION: C-GCHC
FLIGHT DATE: DAY 21 MONTH 06 YEAR 01
PURCHASE ORDER NO.:

FUEL & OIL-X: TNTA ✓ CUST ✓
TNTA FUEL USED: JET B
HRS./LITRES: 297 l
FROM: DAWSON

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
DAWSON			
102 MILE DEMPSTER	800/848	0.8	DAWSON - 102 MILE DEMPSTER
	918/1024	1.1	RECCI AREAS
	1124/1142	0.3	MOVE TO CHECK OTHER AREA
	1148/1212	0.4	MOVE & RECCI
	1330/1336	0.1	MOVE
Jule - 2080.94	1354/1454	1.0	2MAX 1 & 1 NET LOAD
145.67	1500/1542	0.7	RETURN DAWSON
2226.61			
		2.5	JADE CLAIMS

New Address:
Trans North Helicopters
P.O. Box 8
Whitehorse, Yukon Y1A 5X9

4.4	@ 775.	3410	00
	@		
HOLDING TIME:	@ / HR.		
FUEL 297 l	@ 0.85 / LITRE	252	45
FUEL	@ / LITRE		
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		3662	45
GOODS & SERVICES TAX REGISTRATION NO. R121483135		256	37
TOTAL		$ 3918	82

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X
CHARTERER'S SIGNATURE
CHARTERER'S NAME (PRINTED)
INITIALS: SRC
PILOTS SIGNATURE
ENGINEER'S NAME: BGD DEAN

OB.

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.

TRANS NORTH HELICOPTERS
TRANS NORTH TURBO AIR LTD.
20 NORSEMAN ROAD • WHITEHORSE • YUKON • Y1A 6E6
TELEPHONE (867) 668-2177 FAX (867) 668-3420

NUMBER: ARCHCAS
INVOICE NUMBER: 26679
INVOICE DATE: 13 07 01
AREA: B.C. / YUKON / NWT / ALTA

Cash Minerals Ltd
CHARTERER: c/o Archer, Cathro & Assoc. Ltd
BILLING ADDRESS: 1016-510 W. Hastings St. Vanc V6B 1L8

A/C TYPE: B206
AIRCRAFT REGISTRATION: C-GTNY
FLIGHT DATE: DAY 01 MONTH 07 YEAR 01
PURCHASE ORDER NO.:

FUEL & OIL-X: TNTA CUST ✓
TNTA FUEL USED: JB.
HRS./LITRES: 50 US
FROM: YDA

FROM	UP/DOWN TIME	HOURS	REMARKS - NO. OF PASS - FREIGHT Kg
Dawson			
Dawson/Archer	915 1015	1.0	To Camp Site. (1)
Sling.	1020 1110	.8	Lift Out Gear. To A/Strip.
Pass/Gear	1115 1145	.6	To A/Strip.
Return	1230 1330	1.0	Dawson.
JADE DEMOB		3.4	200 Ltr custom Fuel

New Address:
Trans North Helicopters
P.O. Box 8
Whitehorse, Yukon Y1A 5X9

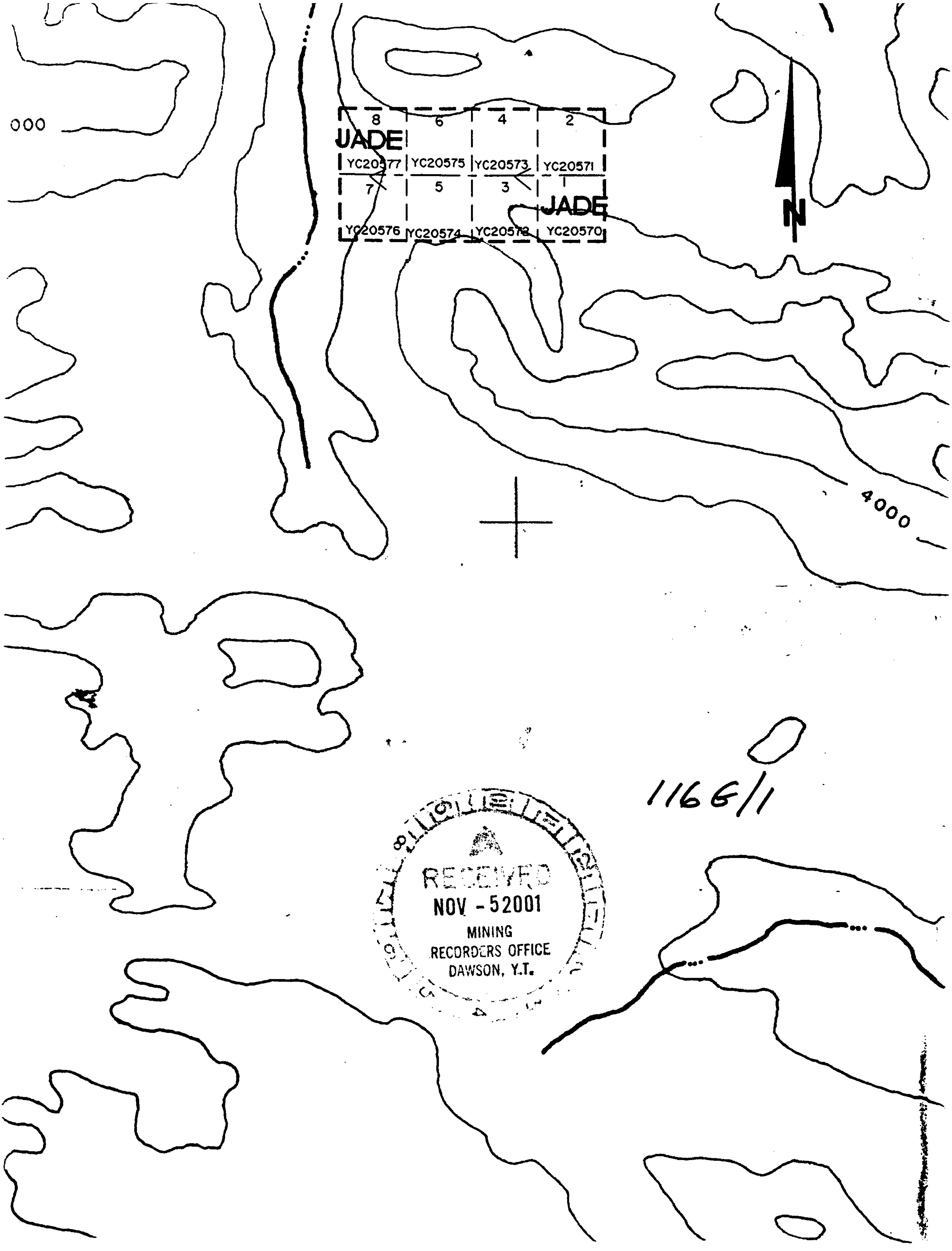
3.4	@ 775.	2635	00
	@		
HOLDING TIME:	@ / HR.		
FUEL	@ / LITRE		
FUEL 187.6	@ .85 / LITRE	159	46
MEALS & LODGINGS			
OTHER			
OTHER			
SUB TOTAL		2794	46
GOODS & SERVICES TAX REGISTRATION NO. R121483135		195	61
TOTAL		$ 2990	07

TERMS: PAYABLE UPON RECEIPT OF INVOICE.
2% INTEREST PER MONTH (24% PER ANNUM) WILL BE CHARGED ON ALL OUTSTANDING AMOUNTS OVER 30 DAYS. IF INTEREST IS NOT PAID, FUTURE FLIGHTS WILL BE ON A CASH BASIS.

X
CHARTERER'S SIGNATURE
CHARTERER'S NAME (PRINTED)
INITIALS: WL
PILOTS SIGNATURE: Legan S
ENGINEER'S NAME: BDG (Bill)

OB.

CARRIAGE SUBJECT TO TERMS OF PUBLISHED TARIFF.
TARIFF AVAILABLE TO PUBLIC VIEW AT TRANS NORTH OFFICE.


000
JADE
8
6
4
2
YC20577
YC20575
YC20573
YC20571
7
5
3
JADE
YC20576
YC20574
YC20572
YC20570
N
4000
116G/1
RECEIVED
NOV - 5 2001
MINING
RECORDERS OFFICE
DAWSON, Y.T.