

ASSESSMENT REPORT
DRILLING

on the claims:

ANGEL 1-20 (YC50598 – YC50617)

ANGEL 21-30 (YC50374 – YC50383)

MAYO MINING DISTRICT
N.T.S.: 106 D/15

Centred on: Latitude: 64° 48' N, Longitude : 134° 38' 31.0" W, (517 000 mE, 7 188 000 mN)
(NAD 83 ZONE 8)

Owned by:

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Prepared by:
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Cash Minerals

February 14, 2008

ANGEL PROPERTY

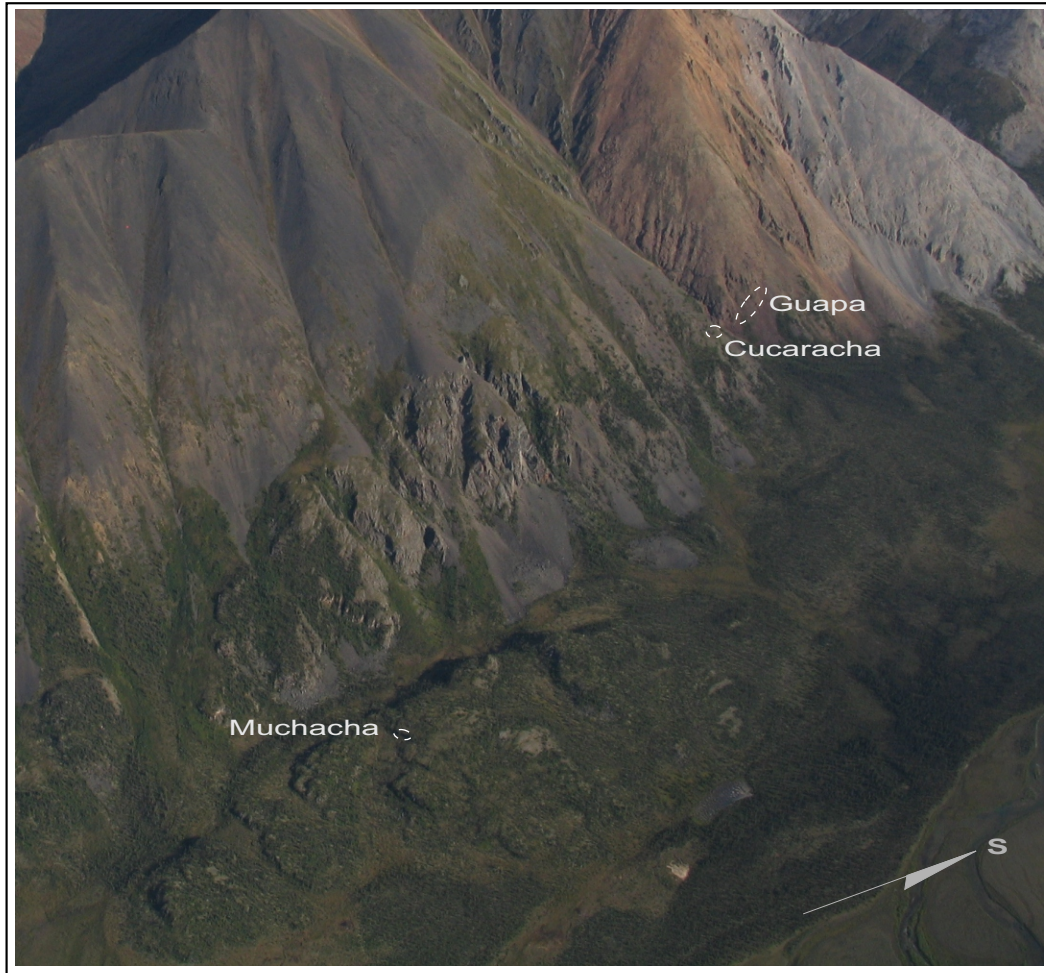


PLATE 1: Frontispiece

View of Angel Property looking southeast.

SUMMARY AND RECOMMENDATIONS

During the period June 1st- July 31st, 2007 work at an expenditure of **\$327,742.80** was conducted on the Angel (1-30) claim block, located 155 km north-northeast of Mayo, Yukon. This work included: 1477.70m of diamond drilling in 5 holes. The work was part of a larger regional exploration program in the Wernecke Mountains involving Cash Minerals Ltd. operating out of the Bear River base camp.

The main focus of the regional project was exploring for iron oxide copper gold (IOCG) mineralization. Drill targets were based on surface exploration conducted by Archer, Cathro and Associates (1981) Ltd. during the 2006 field season for Cash Minerals Ltd. The claims were initially staked in the summer of 2006 to cover an airborne magnetic anomaly.

The best copper mineralization was intersected in a steep dipping dolomite chalcopyrite quartz vein. The sample returned 1.04% copper over an apparent width of 3.52 metres (including 1.45 % copper over 1.00m).

No significant gold or uranium assay results were returned from core samples taken during the 2007 drill program.

No major work is recommendations on the Angel Property. Detailed geological mapping in the Guapa Showing area would be advised to see if there is a relationship between the anomalous gold float and the evaporate-like unit. No drilling is recommended at this time.

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INTRODUCTION

During the period June 1st- July 31, 2007 diamond drilling was conducted on the Angel Property. The intention was to target iron oxide copper gold (IOCG) mineralization from surface exploration that was done during the 2006 exploration program.

This report describes the work completed by Cash Minerals Ltd. The author refers the reader to previous reports listed in the reference section for additional information.

Claim Status

The property consists of 30 contiguous quartz claims covering 627 hectares, staked in accordance with the Quartz Mining Act, and are shown on Quartz Claim Sheet 106 D/15 within the Mayo Mining District. All the claims are 50% owned by Cash Minerals of Vancouver, British Columbia and Archer Cathro, & Associates (1981) Ltd. Claims to be renewed are summarized in Table 1 below.

TABLE 1: ANGEL Claim Status			
Claim Name & No.	Grant Number	Date Recorded	Expiry Date*
ANGEL 1-20	YC50598 - YC50617 YC50374 -	August 15, 2006	August 15, 2017
ANGEL 21-30	YC50383	August 9, 2006	August 9, 2017

* subject to approval of 2007 assessment work and submission of this report.

The above claims listed in Table 1 are referred to as the Angel Property in this report.

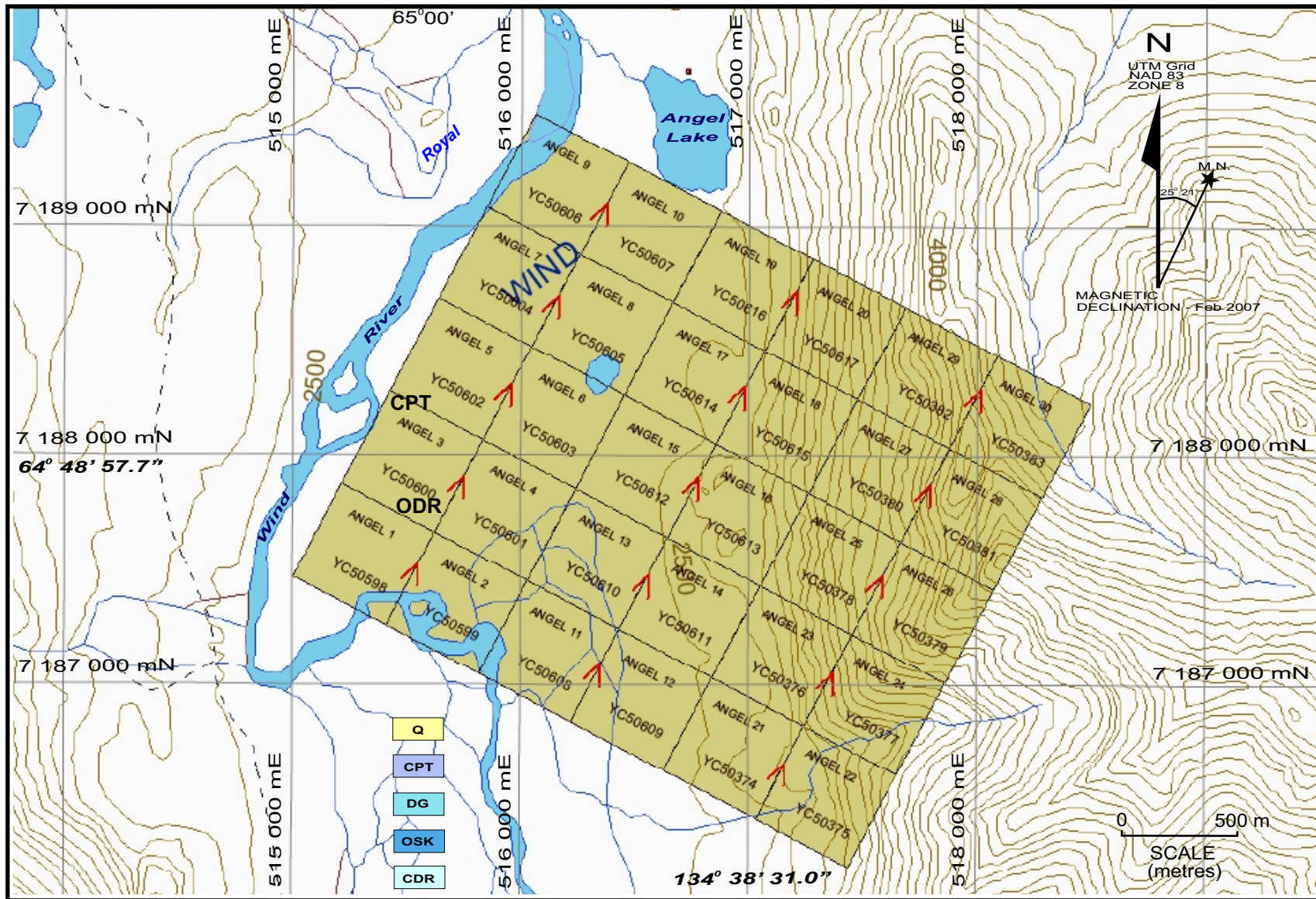
Location and Access

The Angel Property is centred on latitude 64° 48', longitude 134° 38' W (517 000mE, 7 188 000 mN - NAD 83, zone 8) in east central Yukon Territory. The Angel property is located 150 km northeast of the village of Mayo, which is accessible via the Yukon highway system using the Klondyke Highway and Silver Trail. Mayo is situated 407 kilometres by road north of Whitehorse.

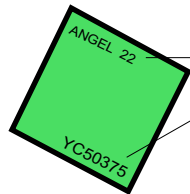
The closest road access to the property is at McQuesten Lake, which lies 87 km by road northeast of Mayo and 85 km southwest of Angel. From McQuesten Lake an abandoned winter road extends northward to the Peel Basin. This winter road extends northward to the Peel Basin. This winter road, the Wind River Trail, passes within 1 km of the property. A cat trail branches off the winter road and leads to the Bear River airstrip, a gravel strip about 16 km east of the property.

Access to the property and routine logistical support in 2007 were accomplished using Hughes 500D and Bell 206L helicopters based out of the Bear River base camp, located 18 km due west of the property. Refer to Figure 1.

ANGEL 1-30 CLAIM BLOCK

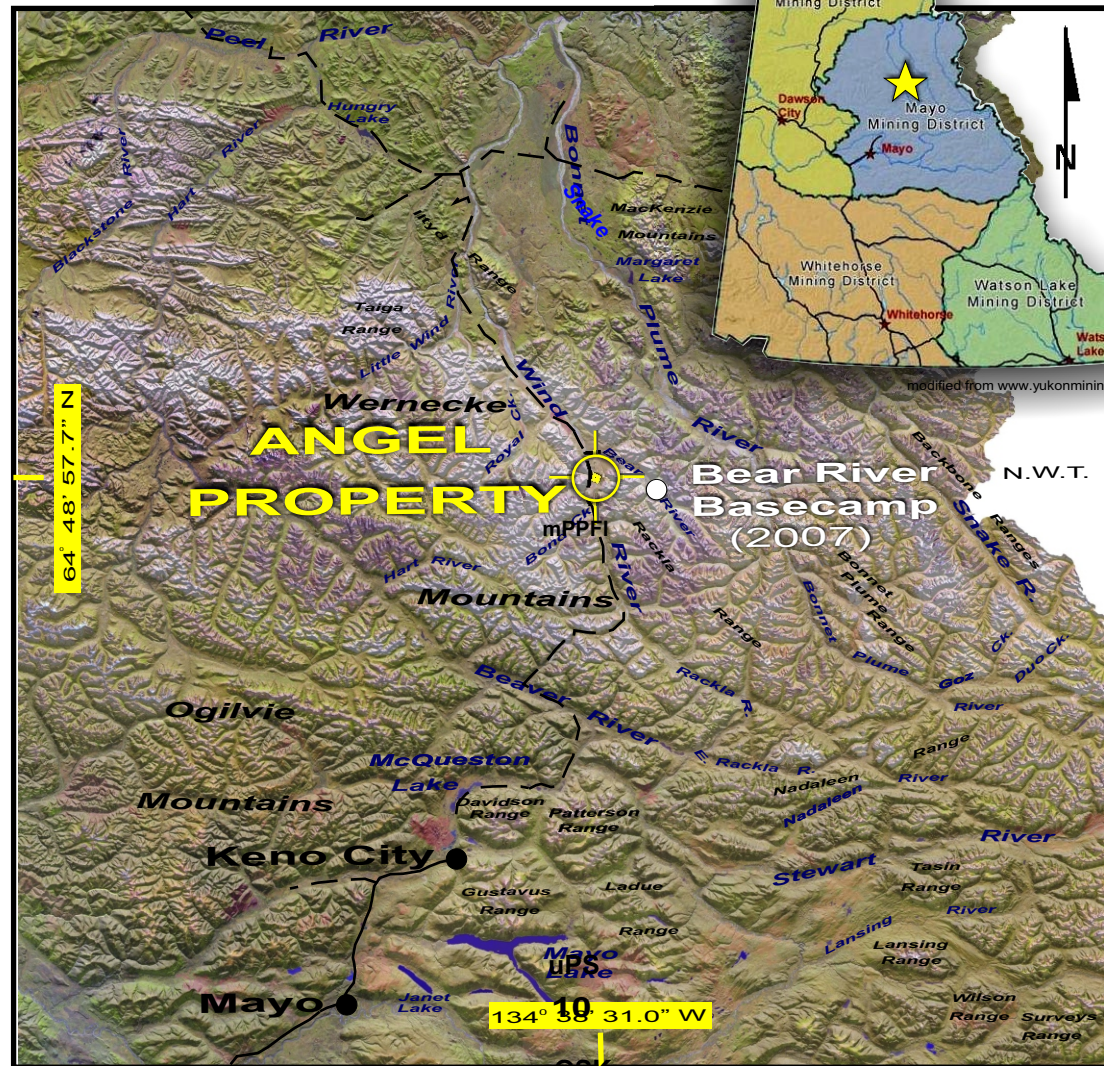


NTS: 106 D/15
MAYO MINING DISTRICT
NAD 83, ZONE 8



- Quartz Claim (1500' x1500')
- Claim name & number
- Grant number
- Waterbody
- Creek
- Contour
- Wind River Trail

SATELLITE LOCATION MAP



* Angel core stored at the 2007 Bear River Base Camp
(533 750 mE, 7 189 225 mN - NAD 83, Zone 8)

- 2-wheel drive road
- - - Wind River Trail

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Figure: *Wernecke Regional Project*

LOCATION & CLAIM MAPS

ANGEL PROPERTY

Yukon Territory, Canada

AUTHOR: R. Zuran
DATE: December, 2007

FIGURE: 1

Topography, Vegetation and Climate

The property is situated on the east side of a broad glacial valley that is floored by the Wind River. The relief on the Angel claim block is 650 metres (2133'), ranging from 750 metres, on the floor of the Wind River, to 1400 metres on a peak in the eastern corner of the property. Topography comprises a wide glaciated valley containing the partly braided Wind River and ponds in a flat swamp in the west part of the property; a north alignment of small hills in the central part; and steep cliffs and mountainous terrain in the east part of the property.

Rock outcrops are not present in the flat swamp; exposure is about 40 % in the small hills in the central part of the property increasing to 100% exposure in the eastern part of the property.

Vegetation comprise willow thickets and grassy marshes found alongside the river while moss and buck brush are typically intersected with active talus slopes on hillsides below 1100m. A few strands of mature black spruce occur on lower slopes. Un-vegetated talus slopes predominate at higher elevations.

Climate is considered northern interior continental with moderate to low precipitation of some 250 to 300 mm annually. Temperature ranges from commonly 10-25°C in the summers down to -15 to -50°C in the winters. Permafrost is discontinuous and often found on north and steeper east facing slopes. Maximum snow pack averages about 40 cm. Although summers are relatively mild, arctic cold fronts occasionally cover the area and snowfall can happen in any month. Sunlight ranges from 22 hours per day in late June to approximately six hours per day in late December. The property is relatively snow free from late May until late October.

HISTORY

Very little work has been done on the Angel claims; a summary capsule of work is listed below.

1898 Hematite rich gravels with disseminated chalcopyrite were discovered by prospectors at the mouth of Bear River in the Wernecke Mountains enroute to the Klondike Goldfields.

A few copper and gold prospects were identified and staked prior to the 1960's, however no serious exploration was undertaken.

1960's Discovery of the Crest Iron Deposit in 1961 and the Pagisteel in 1962 improved access to the area through the construction of the Wind River Trail. This led to a new wave of copper discoveries in the mid-sixties. The Crest Iron Deposit has a reserve of 3 billion tonnes grading at 43.8% iron with an estimated regional reserve of 18.6 billion tonnes (Chevron North American assessment report, 1964). The Pagisteel has a reserve of 9.1 million tonnes grading 29.7% soluble iron (GSC OPEN FILE D3826).

1974 Uranium first discovered at the Igor property by Ogilvie Joint Venture (Chevron Canada Ltd., Marietta Resources International, and Aquitaine Company of Canada Ltd.)

1975 Wernecke Joint Venture (Chevron and Aquitaine) conducted helicopter borne radiometric reconnaissance throughout the district and staked a number of properties based on ground radiometric follow up.

Mid-90s' Another wave of exploration occurred in the district with Westmin Resources Ltd. and Newmont Mining Corp. exploring some of the Wernecke Breccias for IOCG type mineralization.

2005 & 2006

McPhar Geosurveys Ltd. flew a detailed 13 km line fixed wing magnetometer survey over 5 areas in the district. Many airborne magnetic anomalies were staked.

Staked Angel claims 1-30 were recorded during August 2006. Field work conducted by Archer Cathro & Associates (1981) Ltd. for Cash Minerals Ltd. in late August included: 18 line kilometre ground gravity and magnetic surveys by Aurora Geosciences Ltd., 16.2 line kilometre ground scintillometre survey and preliminary geological mapping and prospecting by Archer Cathro & Associates (1981) Ltd. A total of 404.25m were drilled in two diamond drill holes during October, 2006.

REGIONAL GEOLOGY

The regional geological setting in north central Yukon (Angel Project Area) includes two main geological subdivisions of the northern Cordilleran miogeocline: 1) the Selwyn Basin; and 2) the Yukon Block. These are sharply separated by the east-southeast trending Dawson Fault. In this report, the Wernecke Inlier and surrounding rocks within the Yukon Block, are of particular interest. Refer to Figure 4.

The Yukon Block, more specifically the Mackenzie Platform, is part of ancestral North America and comprises a 13 kilometre thick complex assemblage of shallow marine clastic, carbonate rocks and minor volcanic rocks. This isostatically stable crustal block has persistently remained high standing since Late Proterozoic time. Paleozoic and Mesozoic strata within the Yukon Block define several troughs and platforms; Proterozoic strata occur as several inliers. The inliers are cores of anticlinoria which developed during the Late Cretaceous-Paleogene (Laramide) orogenesis (Norris, 1984; Abbott, 1997). The inliers include (from west to east): Tatonduk, Coal Creek, Hart River, and Wernecke. The Angel Property is situated on the west edge of the Wernecke Inlier. Several episodes of dated intrusives are noted within the Yukon Block and are exposed in the inliers; they include:

- Bear River Dykes (ca. 1270 Ma - U-Pb zircon, baddeleyite)
- Hart River Sills (ca. 1380 Ma - U-Pb zircon), 30-250m thick
- Wernecke Breccia (ca. 1595 Ma - U-Pb titanite)*
- Early Proterozoic Lamprophyre
- Bonnet Plume River Intrusions (ca. 1710-1725 Ma - U-Pb zircon)

Thorkelson, 2000

The intrusions are remarkably similar despite their diverse ages and often can't be told apart unless dated (J. Hunt, pers. comm., 2004). Compositionally they are predominantly diorites, gabbros and diabase. Outside the inliers there are additional pyroxenite-monzogabbro Cambrian sills up to 150m thick, and late Paleozoic diabase sills up to 60m thick. .

The Wernecke Breccias cut Wernecke Supergroup sedimentary rocks and are associated with Cu, Co, Au, Ag, U and locally Mo mineralization - IOCG (iron-oxide-copper-gold) type model. This mineralization occurs within breccia zones and in adjacent metasomatized country rock. Several authors (cf. Bell, 1989; Gandi and Bell, 1990; Hitzman et al., 1992; Thorkelson et al., 2001) have drawn a connection with breccias in Australia based on similar physical and mineralogical characteristics. The breccia bodies are related to large scale faults and suspect dilation zones where mineralized. They vary from irregular shaped pipes up to 5000 meters in diameter to tabular bodies a few metres wide. Their composition typically ranges from: clast supported phases dominantly comprised of angular homolithic clasts; through matrix supported phases that are thought to have been channelways with high fluid flow. The breccia clasts are usually derived from adjacent sedimentary units but also include rare intrusive fragments. Up to 100 meter size blocks of unbrecciated sediment occur in some breccia bodies. Dolomite, ankerite, sericite, hematite and chlorite are the most abundant matrix minerals, but albite, calcite, magnetite, martite, barite, quartz, pyrite and chalcopryrite are also common. The size of the breccia bodies and intensity of alteration generally increases with depth.

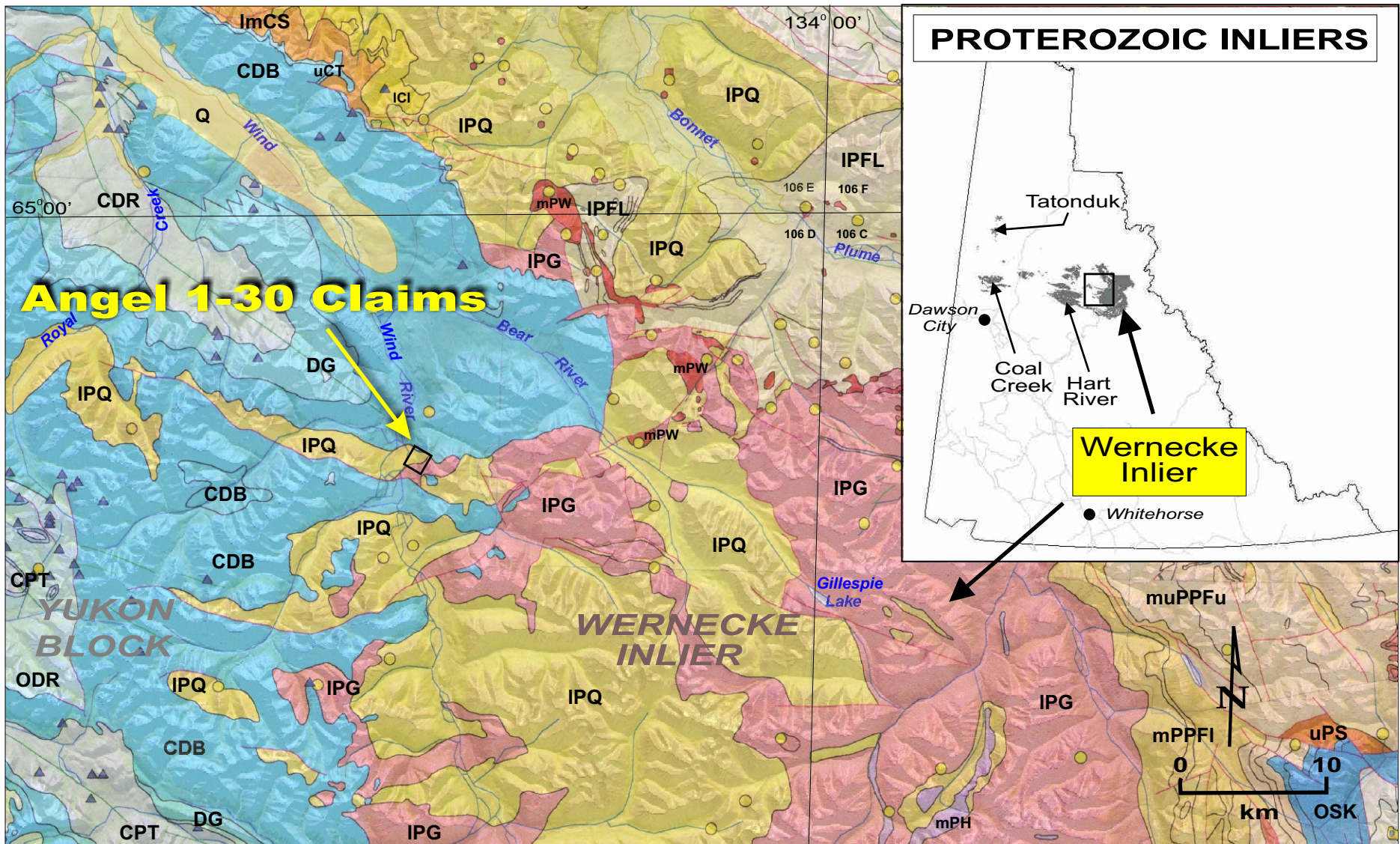
Stratigraphy of Wernecke Inlier comprises rocks - in order of decreasing abundance: Gillespie Lake Group shallow marine, buff, orange and locally grey weathering dolostone, limestone,

claystone, mudstone, and sandstone (Lower Proterozoic); Quartet Group comprising a monotonous succession of dark grey weathering clastic interlayered shale, siltstone and sandstone (Lower Proterozoic); Fairchild Lake Group comprising grey weathering shallow marine sedimentary rocks - variable amounts of generally thin bedded, laminated siltstone, mudstone, claystone and fine grained sandstone; minor intercalated carbonate rocks (Lower Proterozoic); Pinguicula/Fifteen Mile Group sedimentary rocks (Middle Proterozoic); Hart River basic to intermediate volcanic rocks (Lower-Middle Proterozoic); and variably altered and mineralized Wernecke Breccias (Middle Proterozoic). Refer to Figure 2.

Rocks of the Wernecke Supergroup are the oldest rocks in the Wernecke Inlier and include: Fairchild Lake, Quartet, and Gillespie groups. The base of the Fairchild Lake group is not known to be exposed in any of the proterozoic inliers within the Yukon.


Moving to the outside contacts of the Wernecke Inlier (within the Yukon Block/MacKenzie Platform) is the unconformable Lower Cambrian Slat Creek marine and alluvial deposits. In addition, numerous Paleozoic shallow water facies rocks include: Bouvette, Taiga, Road River, Gossage, and Tsichu, rocks. Volumetrically carbonates and shales predominate in the Yukon Block/MacKenzie Platform.

A chronology of events of proterozoic rocks in the Yukon covers at least 1.2 billion years. These events include crustal extension, mountain building, mafic magnetism, and hydrothermal brecciation. Figure 3 documents these geological events.



Q QUATERNARY unconsolidated sediments	ODR ORDOVICIAN - LOWER DEVONIAN Road River	uPS UPPER PROTEROZOIC Sheepbed	IPG LOWER PROTEROZOIC Gillespie Lake
CPT CARBONIFEROUS - PERMIAN Tsichu	uCT UPPER CAMBRIAN Taiga	muPPFu MIDDLE - UPPER PROTEROZOIC Pinguicula/Fifteen Mile (upper)	IPQ LOWER PROTEROZOIC Quartet Group
DG LOWER & MIDDLE DEVONIAN Gossage	CDB CAMBRIAN - DEVONIAN Bouvette Group	mPPFI MIDDLE PROTEROZOIC Pinguicula/Fifteen Mile (lower)	IPFL LOWER PROTEROZOIC Fairchild Lake Group
OSK ORDOVICIAN - SILURIAN Kindle	ImCS LOWER CAMBRIAN Slats Creek	mPH MIDDLE PROTEROZOIC Hart River	● mineral occurrence
CDR CAMBRIAN - DEVONIAN Road River	ICI LOWER CAMBRIAN Iltyd	mPW MIDDLE PROTEROZOIC Wernecke Breccia	▲ fossil locality

* taken from Gordey and Makepeace, OF 1999-1.



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REGIONAL GEOLOGY

R. Zuran Figure: 2

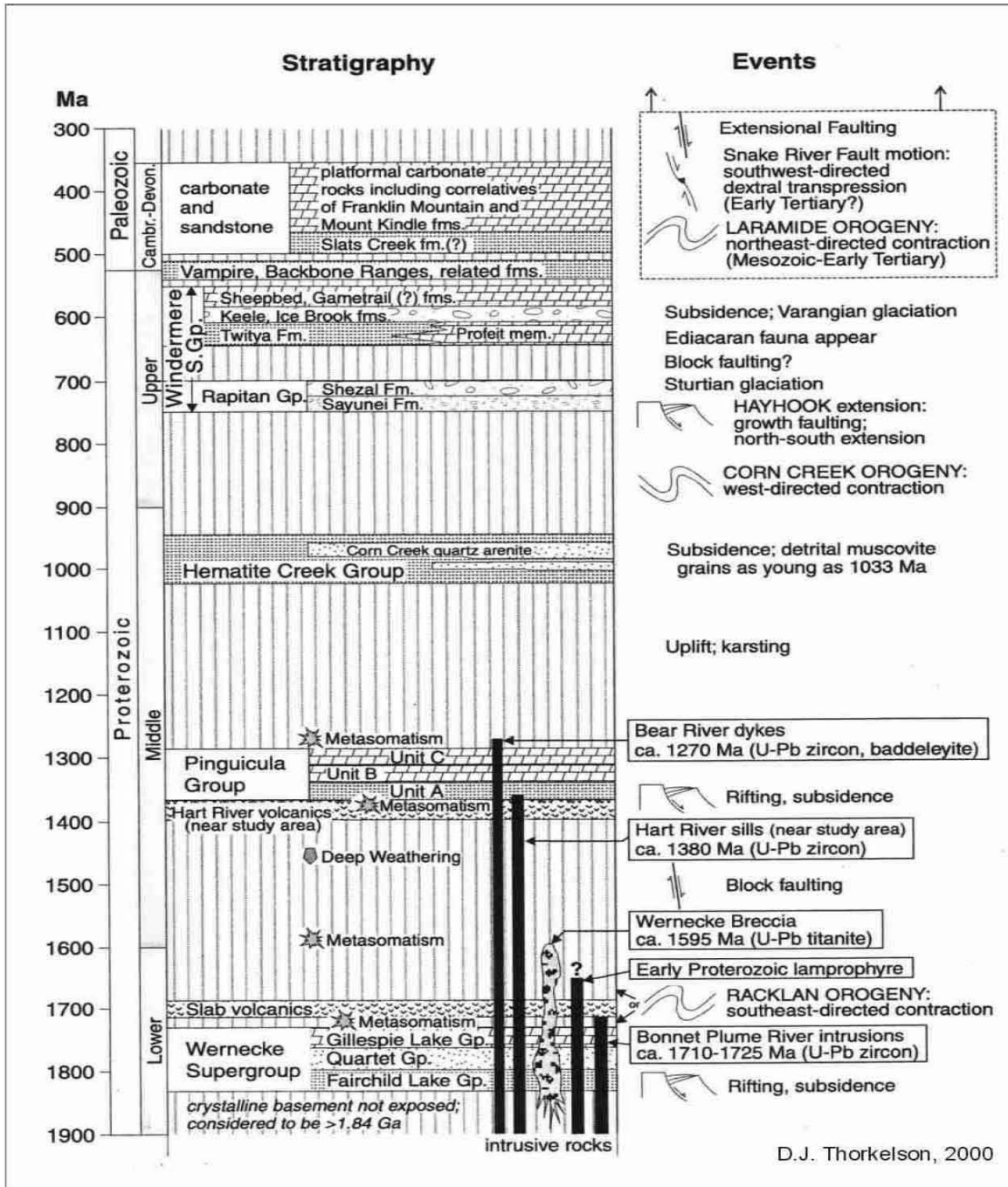


FIGURE 3: Stratigraphy & Events in the Wernecke Mountains

PROPERTY GEOLOGY AND MINERALIZATION

Property prospecting and some geology was done over the central part of the property during the 2006 field season; the author has taken the following paragraphs from M. Dumala, 2007 and R. Zuran, 2006.

The Angel property is underlain by Lower Proterozoic Wernecke Supergroup strata (Quartet Group and Gillespie Lake Group), which are cross cut by Middle Proterozoic Wernecke Breccia. Quartet Group lithologies include fine grained thin bedded to laminated siltstones locally interbedded with minor orange-buff weathering dolostone. Gillespie Lake Group consists of massive to thick bedded orange-buff weathering dolostone with local planar to bulbous stromatolites. The Wernecke Breccia forms a 650 by 1200 m body that dissected and disrupted by faults. The breccia has trace to 5% fine grained specularite in a matrix that cements 2 to 20 cm sub-angular Quartet Group siltstone clasts; igneous clasts have been documented in drill core.

A predominantly non-foliated, weakly to moderately magnetic, fine grained, locally sub-ophitic diabase of unknown age forms two plugs that intrude the breccia and siltstone. This diabase has locally produced hornfels textures in adjacent sediments and locally exhibits weak foliation along its margins. The diabase plugs are approximately 150 x 400 m and 250 x 600 m in size and are aligned along a steep, north-northeast trending structure that cuts through the centre of the property. A magnetic feldspar porphyry identified in thin section as a latite was described in the 2007 drilling (AN-2007-03) but not observed on surface. Refer to Appendix 5.

Mineralization on surface was described as 4 showings nicknamed: Muchacha, Cucaracha, Diablo and the Guapa showings (Zuran, 2006).

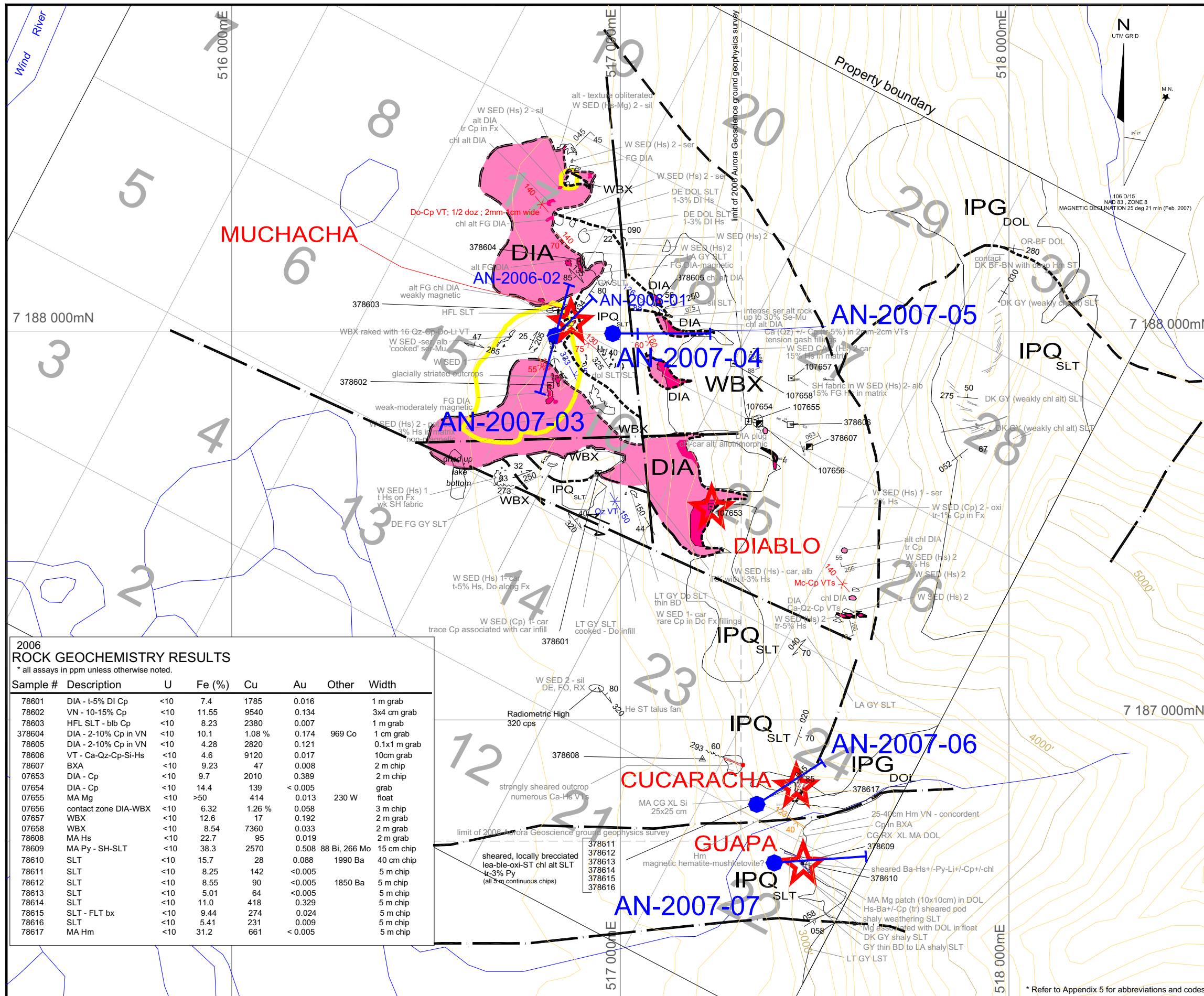
The Muchacha Showing comprises a family of 16 steep, southeast trending 2 mm to 3 mm quartz-dolomite-chalcopyrite-limonite veinlets across 25 m in a Wernecke Breccia near the contact of a diabase plug. A grab rock sample collected from this showing returned 0.24% copper. Skarn-like mineralization discovered 20 to 30 m north of the showing consists of blebby chalcopyrite associated with magnetic bands in Quartet Group siltstone.

The Cucaracha Showing comprises two 60 x 200, locally gossanous outcrops. It is developed in a steep, northeast trending, 30 m wide shear zone and adjacent locally brecciated Quartet siltstone. The rocks in the showing are bleached, oxidized and chlorite altered. Talus collected below the crumbly cliffs contain dark brown coarsely crystalline siderite +/- pyrite and massive dense fine grained magnetic specularite (mushketovite?). Six, 5m chip samples collected along the base of the cliff returned 64 to 418 ppm copper with up to 0.329 g/t gold.

The Guapa Showing exhibits semi-massive to massive fine grained barite-specularite +/- pyrite in sheared and deformed Quartet Group sub-crop and talus. The showing is approximately 0.5 to 1 m wide and is exposed discontinuously for a 25 m strike length near the contact between the Quartet Group and Gillespie Group. Dolostone float with massive magnetite patches (10 x 10 cm) is also found in the area. A rock sample collected from this showing assayed 0.26% copper and 0.508 g/t gold.

The Diablo Showing, to date not drilled, is marked by a malachite stained cliff face containing diabase with up to 2% disseminated chalcopyrite and several quartz-dolomite-chalcopyrite veinlets. The veinlets are up to 7 cm wide, trend southeasterly and dip 60° to the west. They feature up to 20% chalcopyrite and 0.389 g/t gold.

Other mineralization occur elsewhere on the property in association with diabase or narrow dolomite-chalcopyrite veinlets. A 3 m chip sample collected along a contact between Wernecke Breccia and diabase returned 1.26% copper. Grab samples taken elsewhere on the property assayed 17 ppm to 1.08% copper with 0.008 to 0.192 g/t gold. Refer to Figure 4 and Appendix 6.



LITHOLOGY LEGEND

- unknown age**
- DIA** DIABASE
- Grey weathering, fine to medium grained, sub-ophitic, non foliated, weakly to moderately magnetic diabase. (dark pink shade - outcrop; light pink shade - inferred)
- MIDDLE PROTEROZOIC**
- WBX** 'WERNECKE' BRECCIA
- Grey weathering, generally matrix supported containing trace to less than 5% fine grained disseminated specularite. Fragment s are sub-angular, typically range 2-20 cm in size.
- WBX Nomenclature used: ie. **W SED (Hs,Cp) 2-ser**
- BRECCIA TYPE: W=Wernecke
 KEY MODIFIER: listed in order of abundance
 minor key modifiers <10% - bracketed
 SED=sedimentary fragments; CAR= carbonate fragments
 Hs=specularite; Cp=chalcopyrite
- MATRIX MODIFIER: 1= 0-20% matrix; 2= 20-50% matrix; 3= >50% matrix.
 ALTERATION MODIFIER: ser=sericitic; car=carbonate; alb=albite; sil=silicified
 pot=potassic

LOWER PROTEROZOIC GILLESPIE LAKE ASSEMBLAGE

- IPG_{DOL}** DOLOSTONE
- Orange weathering, thick to massive bedded dolostone. Local planar to bulbous stromatolites.

QUARTET LAKE ASSEMBLAGE

- IPG_{SIL}** SILTSTONE
- Grey weathering, fine grained, laminated to thin bedded, interbedded locally with minor dolostone.

SYMBOL LEGEND

- ROCK SAMPLES**
- ▣ grab
 - ▣ chip
- SHOWINGS**
- ★ gossan
 - ☆ barite zone
 - traced out gravity 2.5 mGal anomaly
- STRUCTURE**
- /// Bedding (inclined, vertical)
 - /// Foliation (inclined, vertical)
 - /// Jointing (inclined, vertical)
 - /// Fault (inclined, vertical)
 - /// Vein/Veinlets (inclined, vertical); blue=quartz and/or calcite
red= contains chalcopyrite.
 - Structural fabric
 - Geological contact - interpreted
 - - - Geological contact - approximate
 - Structure (linear, fault, etc.)
- Diamond Drill Hole (small font = 2006 drilling; large font = 2007 drilling)

2006 ROCK GEOCHEMISTRY RESULTS
 * all assays in ppm unless otherwise noted.

Sample #	Description	U	Fe (%)	Cu	Au	Other	Width
78601	DIA - t-5% DI Cp	<10	7.4	1785	0.016		1 m grab
78602	VN - 10-15% Cp	<10	11.55	9540	0.134		3x4 cm grab
78603	HFL SLT - blb Cp	<10	8.23	2380	0.007		1 m grab
378604	DIA - 2-10% Cp in VN	<10	10.1	1.08 %	0.174	969 Co	1 cm grab
78605	DIA - 2-10% Cp in VN	<10	4.28	2820	0.121		0.1x1 m grab
78606	VT - Ca-Qz-Cp-Si-Hs	<10	4.6	9120	0.017		10cm grab
78607	BXA	<10	9.23	47	0.008		2 m chip
07653	DIA - Cp	<10	9.7	2010	0.389		2 m chip
07654	DIA - Cp	<10	14.4	139	< 0.005		grab
07655	MA Mg	<10	>50	414	0.013	230 W	float
07656	contact zone DIA-WBX	<10	6.32	1.26 %	0.058		3 m chip
07657	WBX	<10	12.6	17	0.192		2 m grab
07658	WBX	<10	8.54	7360	0.033		2 m grab
78608	MA Hs	<10	22.7	95	0.019		2 m grab
78609	MA Py - SH-SLT	<10	38.3	2570	0.508	88 Bi, 266 Mo	15 cm chip
78610	SLT	<10	15.7	28	0.088	1990 Ba	40 cm chip
78611	SLT	<10	8.25	142	<0.005		5 m chip
78612	SLT	<10	8.55	90	<0.005	1850 Ba	5 m chip
78613	SLT	<10	5.01	64	<0.005		5 m chip
78614	SLT	<10	11.0	418	0.329		5 m chip
78615	SLT - FLT bx	<10	9.44	274	0.024		5 m chip
78616	SLT	<10	5.41	231	0.009		5 m chip
78617	MA Hm	<10	31.2	661	< 0.005		5 m chip

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**YUKON URANIUM PROJECT
 PROPERTY COMPILATION MAP
 ANGEL PROPERTY**

* Refer to Appendix 5 for abbreviations and codes.

2007 WORK COMPLETED for this REPORT

The 2007 diamond drill program on the Angel Property was based out of Cash Minerals' Bear River Base Camp centered on 533 750 mE, 7 189 225 mN (NAD 83 – Zone 8) located approximately 17 kilometres due east of the Angel Property claim block and approximately 1.5 kilometers northwest of the Bear River dirt airstrip. The Bear River Base Camp fluctuated from 15 to 40 personnel (including drillers); equipment, food, supplies and personnel were flown to the airstrip by fixed wing via various aircraft companies mentioned below from Mayo; an all terrain vehicle (Kawasaki Mule) was used to shuttle gear and personnel back and forth to the camp from the airstrip.

The Bear River Base Camp was serviced by a 10 kilo-Watt generator which supplied power to an electric core saw cutting shack and core logging facility. All of the Angel core is stored at the Bear River Base Camp.

Supplies to the Bear River base camp were flown in with fixed winged air craft contracted to Black Sheep Aviation (single engine Otter), Big Salmon Air (Cessna 206, 207), or Sifton Air (Islander).

A Hughes 500-D or Bell Jet Ranger 206B helicopter and often an A-Star helicopter were based at the camp to set out crews for shift change or move the drill when needed. The A-star helicopter was required to lift the heavier hydraulic head and control panel.

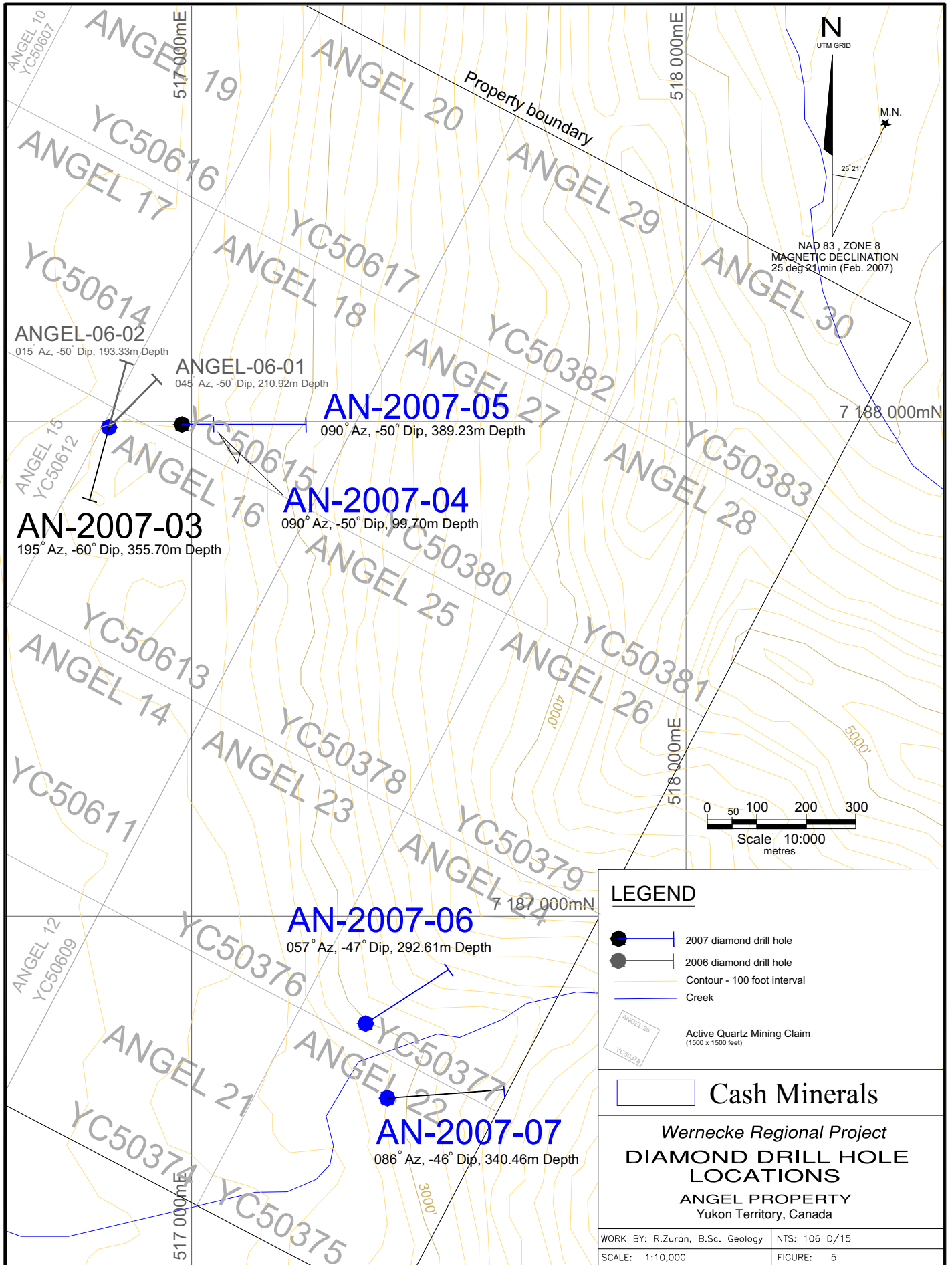
The drilling was conducted by four personnel working in two 12 hour shifts throughout the period June 1st to July 31st. This period includes the move and demob times.

Core drilled on the property was flown after each drill shift by helicopter to the Bear River base camp where it was processed. Geotechnical logging including scintillometer scanning, RQD and recovery; and geological logging was performed on the core and only mineralized sections from holes AN-2007-03 and AN-2007-07 were sawn and sampled. The holes were also surveyed with the downhole 'EZ-Shot' equipment for azimuth and dip deviation. Some of the azimuth data from these surveys were deemed unreliable due to the magnetic diabase and horfels units. Core was stored at the Bear River base camp.

Drilling Exploration Program

The drill program was done between June 1 and July 31st, 2007 and was contracted to Prospector Drilling of Ste. Rose du Lac, Manitoba. The drill used on the Angel Property was a fly-only, low environmental impact, hydraulic diesel powered Boyles B-20 drill with rods and bits for NQ-2 coring. Five diamond drill holes were completed in 2008 with a total of 1440.77m drill core; two diamond drill holes had been done previously in October, 2006 (M. Dumala, 2006). Refer to Table 2 for drill hole particulars.

Targets were chosen based on mapping, prospecting, and ground geophysics completed during the 2006 field season. Hole AN-2007-03 targeted the main gravity-magnetic anomaly and planned on section with AN-2006-02 which targeted the Muchacha Showing - a series of northwest trending, steep dipping quartz-dolomite-chalcopryrite-limonite veinlets along the NE edge of the gravity anomaly. Holes AN-2007-04 and 05 targeted a north-northwest recessive weathering



ANGEL-06-02
015° Az, -50° Dip, 193.33m Depth

ANGEL-06-01
045° Az, -50° Dip, 210.92m Depth

AN-2007-05
090° Az, -50° Dip, 389.23m Depth

AN-2007-03
195° Az, -60° Dip, 355.70m Depth

AN-2007-04
090° Az, -50° Dip, 99.70m Depth

AN-2007-06
057° Az, -47° Dip, 292.61m Depth

AN-2007-07
086° Az, -46° Dip, 340.46m Depth

LEGEND

- 2007 diamond drill hole
- 2006 diamond drill hole
- Contour - 100 foot interval
- Creek

Active Quartz Mining Claim (1500 x 1500 feet)

Cash Minerals

Wernecke Regional Project
DIAMOND DRILL HOLE LOCATIONS
ANGEL PROPERTY
Yukon Territory, Canada

TABLE 2: Drill Hole Particulars

HOLE NUMBER	LOCATION (NAD 83-Zone 8)		SURVEY					DRILLING PERIOD		FINAL DEPTH		ZONE	CLAIM	
	Easting	Northing	Elev. (m)	Azimuth	Dip	Casing m (ft)	Advance (m)	Start Date	End Date	Feet	Metres			
ANGEL-06-01	516833	7187988	792	45	-50	3.05 (10)	135.58	October 14, 2006	October 21, 2006	692	210.92	Muchacha	ANGEL 16	
					-50						207.87	Muchacha	ANGEL 16	
ANGEL-06-02	516833	7187988	792	15	-50	3.05 (10)	124.27	October 22, 2006	October 28, 2006	634	193.33	Muchacha	ANGEL 16	
											190.28	Muchacha	ANGEL 16	
AN-2007-03	516834	7187982	818	195	-60	3.05 (10)	177.85	June 11, 2007	June 16, 2007	1167	355.70	Muchacha	ANGEL 16	
AN-2007-03				176/202	-58.5				June 16, 2007	300	91.44	Muchacha	ANGEL 16	
AN-2007-03				165.8/191.5	-58.2				June 16, 2007	800	243.84	Muchacha	ANGEL 16	
AN-2007-03				188.7/214.7	-57.8				June 16, 2007	1167	355.70	Muchacha	ANGEL 16	
AN-2007-04	516999	7187995	831	090	-50	3.05 (10)	64.09	June 16, 2007	June 22, 2007	327	99.70	N-S Structure	ANGEL 18	
AN-2007-05	517004	7187994	831	090	-50	4.57 (15)	250.22	June 22, 2007	June 28, 2007	1277	389.23	N-S Structure	ANGEL 18	
AN-2007-05				57.1/82.2	-53.3				June 28, 2007	40	12.19	N-S Structure	ANGEL 18	
AN-2007-05				66.5/91.67	-57.8				June 28, 2007	400	121.92	N-S Structure	ANGEL 18	
AN-2007-05				66.8/91.97	-57.8				June 28, 2007	800	243.84	N-S Structure	ANGEL 18	
AN-2007-05				80.1/105.27	-57.8				June 28, 2007	1200	365.76	N-S Structure	ANGEL 18	
AN-2007-06	517352	7186783	911	057	-47	24.38 (80)	199.56	July 1, 2007	July 10, 2007	960	292.61	Cucaracha	ANGEL 24	
AN-2007-06				24.4/49.57	-43.6				July 10, 2007	164	49.99	Cucaracha	ANGEL 24	
AN-2007-06				26.4/51.57	-43.8				July 10, 2007	364	110.95	Cucaracha	ANGEL 24	
AN-2007-06				26.8/51.97	-43.7				July 10, 2007	564	171.91	Cucaracha	ANGEL 24	
AN-2007-06				28.6/53.77	-44				July 10, 2007	764	232.87	Cucaracha	ANGEL 24	
AN-2007-06				30.5/55.67	-43.9				July 10, 2007	964	293.83	Cucaracha	ANGEL 24	
AN-2007-07	517409	7186620	929	086	-46	6.10 (20)	236.50	July 19, 2007	July 31, 2007	1117	340.46	Guapa	ANGEL 22	
AN-2007-07				57.0/82.17	-46.9				July 25, 2007	807	252.98	Guapa	ANGEL 22	
AN-2007-07				61.0/86.17	-47.7				July 31, 2007	1087	331.32	Guapa	ANGEL 22	
Note: 2006 drilling in grey font; downhole EZ shot survey in blue font. Azimuth values unreliable due to magnetite.										2007 Total:		(4848 feet)	1477.70m	
										Overall Total:		(6174 feet)	1881.95m	

structure/linear which bounds the sub-parallel gravity-magnetic anomaly to the east. Hole AN-2007-04 was abandoned due to technical problems with the drill; hole AN-2007-05 was a second attempt and reached the planned target depth. Hole AN-2007-06 targeted the Cucaracha Showing, a large gossanous sheared outcrop. Hole AN-2007-07 targeted the Guapa Showing which sub-crops as a deformed barite rich shaly weathering siltstone immediately downslope from a contact zone with Gillespie Group dolostone. A float sample from this material taken in 2006 (Sample #378609) returned 0.506 ppm Au, 850 ppm As, 259 ppm Co and 266 ppm Mo. Refer to Figure 4.

Drilling Exploration Results

Highlights from the 2007 diamond drilling program for the Angel claims are listed below in Table 3. Refer to Appendices 1, 2, 3 and 5 core assay results, drill and technical logs, and petrographic analysis, respectively Detailed lithological descriptions are listed on the Section A-A', Figure 6.

HOLE NUMBER	TARGET NAME	INTERVAL (metres)			GRADE		NUMBER of CORE SAMPLES in HOLE**	TARGET - STRUCTURES
		From	To	Width ^a	U ppm	Cu ppm		
ANGEL-06-01	Muchacha	67.05	69.79	2.74	<10	466	9	Muchacha- a family of structurally controlled Do-Cp (Qz) veinlets.
ANGEL-06-02	Muchacha <i>includes</i>	12.25 18.28	25.46 21.00	13.21 2.72	<10	1908 3102		
AN-2007-03	Muchacha <i>includes</i>	321.70 323.00	325.22 324.00	3.52 1.00	2.3 1.70	1.04 % 1.45 %	8	Muchacha + coincident gravity/magnetic high signature
AN-2007-04	N/A	N/A	N/A	N/A	N/A	N/A	0	N-S recessive weathering structure - targeting potential conduit.
AN-2007-05	N/A	N/A	N/A	N/A	N/A	N/A	0	
AN-2007-06	Cucaracha	N/A	N/A	N/A	N/A	N/A	0	Cucaracha - leached gossan
AN-2007-07	Guapa	213.50	214.00	0.50	2.0	373	9	Barite-gold mineralization in subcrop along covered contact between Quartet and Gillespie group rocks.

* width = apparent width

Results from AN-2007-03 confirm a series of very narrow north-west striking, steeply dipping dolomite-chalcopyrite-quartz veinlets predominantly hosted peripheral to, and within a diabase plug. These copper-rich veinlets were described in a surface outcrop known as the Muchacha Showing during the 2006 field season. One larger veinlet was intersected near the end of AN-2007-03 and returned 1.04% copper over 1.52 metres; including 1.45% over 1.00m. Wernecke breccia comprising altered siltstone, local jasperoid and rare altered igneous clasts were documented; however no significant mineralization or radioactivity was recorded. The diabase and peripheral hornfels were moderately to strongly magnetic coincident with the magnetic-gravity signature. A magnetic feldspar porphyry (latite) was also identified towards the end of the hole at 298.60m.

Results in holes AN-2007-04 & 5 were insignificant as no anomalous radioactivity was measured and no significant IOCG mineralization was visually identified in core. No samples were taken from these two holes. Hole AN-2007-04 was abandoned due to a seized core barrel in the casing. A second hole tested the north-ish recessive weathering lineament targeted; numerous un-mineralized faults were intersected hosted in un-mineralized chlorite altered Wernecke Breccia unit.

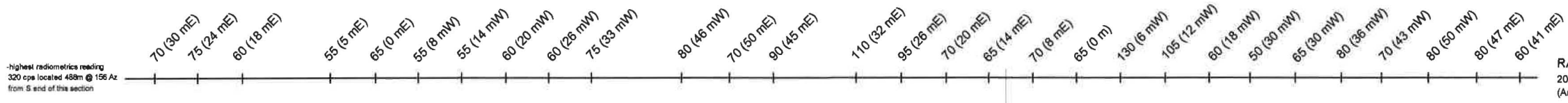
Results from hole AN-2007-06 were insignificant as no anomalous radioactivity was measured and no significant IOCG mineralization was visually identified in core. The targeted leached and strongly gossanous outcrop on surface nicknamed the Cucaracha Showing was not intersected at depth. Weak hematite stained Quartet siltstone was intersected in most of the hole.

Results from hole AN-2007-07 include an unusual 54.14m thick carbonate-quartz zone with local pinkish hues and local pyrite as massive sub-intervals and along stylolitic fractures. The pyrite is volumetrically less than 3% of the zone. The carbonate-quartz zone exhibits a unique 'grass blade' texture. The bladed mineral was identified in petrographic analysis as white ankerite. The hanging wall to the zone is siltstone; the footwall lithology is a calcareous siltstone. Select samples taken within the carbonate-quartz zone were sampled – mineralization was insignificant - a high of 373 ppm Cu and 2.0 ppm U was returned.

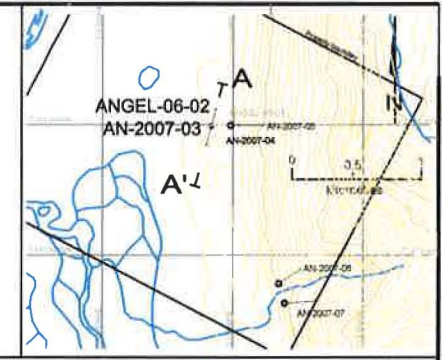
Refer to Plates 2 and 3, and Appendix 5 for petrographic analysis.

A'

A



LOCATION MAP

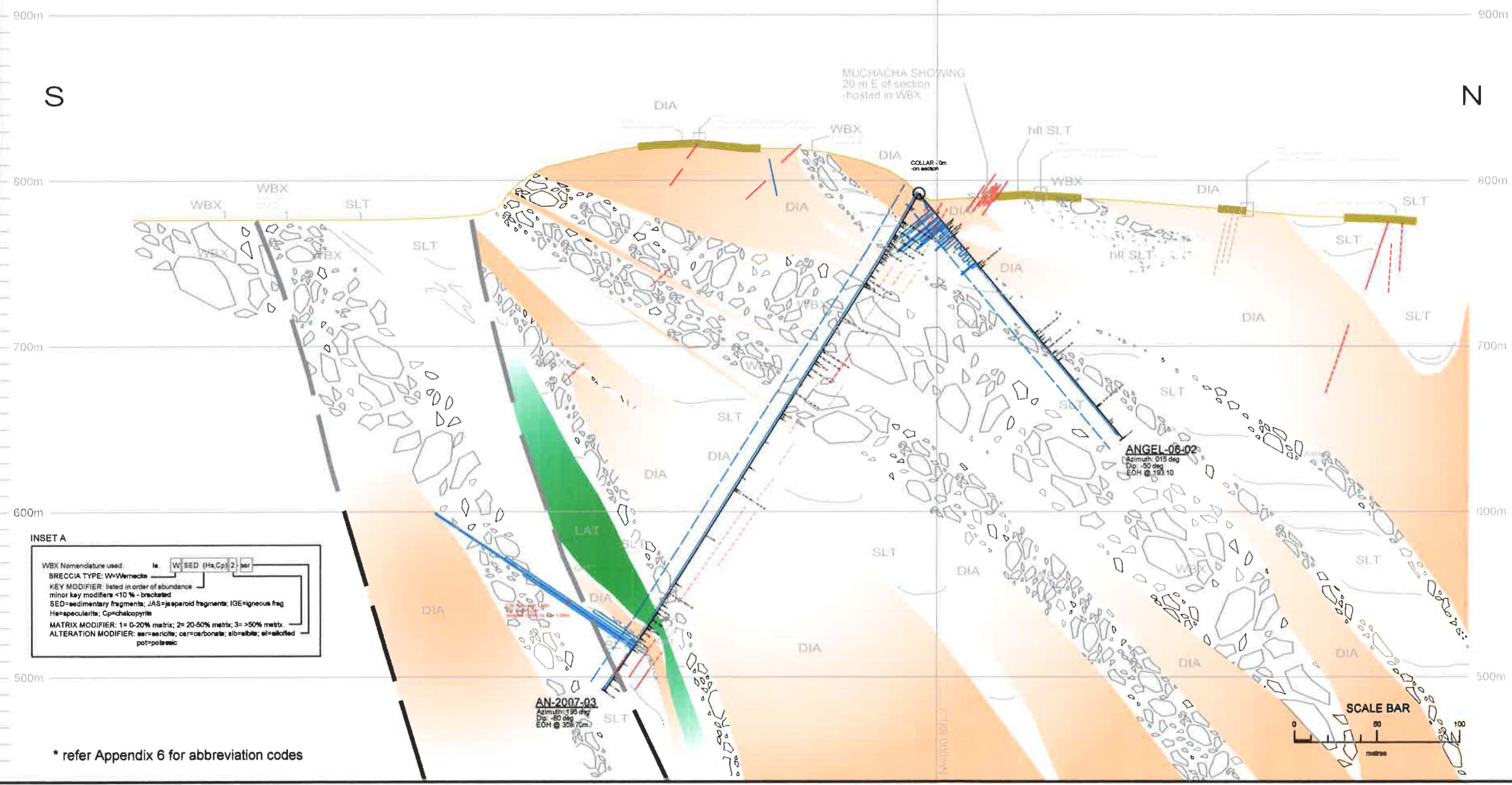
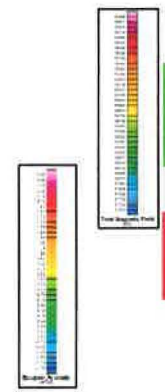


LITHOLOGY LEGEND

- unknown age**
- LAT** LATITE - Feldspar Porphyry
Off white euhedral phenocrysts of altered K-spar in a dark grey fine grain ground mass containing 15% biotite; weakly magnetic. Porphyritic texture
- HFL** HORNFELS
Dark grey, with local relict dark grey laminae (sometime magnetic), sericite-muscovite patches are local as is carbonate. Rare blebby chalcopyrite.
- DIA** DIABASE/GABBRO
Grey weathering, fine to medium grained, sub-ophitic, non foliated, weakly to moderately magnetic diabase. Local chlorite-carbonate altered. Rare chalcopyrite.
- MIDDLE PROTEROZOIC**
- WBX** 'WERNECKE' BRECCIA
Grey weathering, generally matrix supported containing trace to less than 5% fine grained disseminated specularite. Fragments are sub-angular, typically range 2-20 cm in size. * see inset A
- LOWER PROTEROZOIC GILLESPIE LAKE ASSEMBLAGE**
- DOL** DOLOSTONE
Orange weathering, thick to massive bedded dolostone. Local planar to bulbous stromatolites.
- QUARTET LAKE ASSEMBLAGE**
- SIL** SILTSTONE
Grey weathering, fine grained, laminated to thin bedded, interbedded locally with minor dolostone.
- SIL - He rich** Red hematite rich (15%) sub-unit, banded with local flame structure indicating tops
- SIL - cherty** Moderate, grey to dark grey-brownish bands of siliceous siltstone. Local vuggy surfaces - 5%, up to 2% pervasive fine grain disseminations of iron carbonate.
- CHT** CHERT
Pinkish-grey, fractured and locally cracked, with locally deformed light and dark thin bands

SYMBOL LEGEND

- diamond drill hole collar
- hole trace
- geological contact (approx)
- geology
- geochemistry
- Cu (ppm) histogram
- 1000 ppm Cu reference line
- * U (ppm) results
- surface outcrop
- bedding, lamination, foliation, cleavage
- jointing, chalcopyrite-dolomite +/- quartz veinlet, quartz veinlet
- surface rock sample (grab)



INSET A

WBX Nomenclature used is W SED (Hs,Cp) 2 ser

BRECCIA TYPE: W-Wernecke

KEY MODIFIER: listed in order of abundance
minor key modifiers <10% - bracketed

SED=sedimentary fragments; JAS=jasperoid fragments; IGE=igneous frag
He=specularite; Cp=chalcopyrite

MATRIX MODIFIER: 1= 0-20% matrix; 2= 20-50% matrix; 3= >50% matrix

ALTERATION MODIFIER: ser=sericite; ca=carbonate; alb=albite; al=altered
pot=potassic

* refer Appendix 6 for abbreviation codes

Cash Minerals

Wernecke Regional Project
DDH SECTION A-A'
ANGEL PROPERTY - Muchacha Showing
containing AN-2006-02 & AN-2007-03
(015-195° plane - looking west)

DATE: Dec., 2007 SCALE:
GEOLOGY BY: R. Zuran FIGURE: 6

Muchacha Area

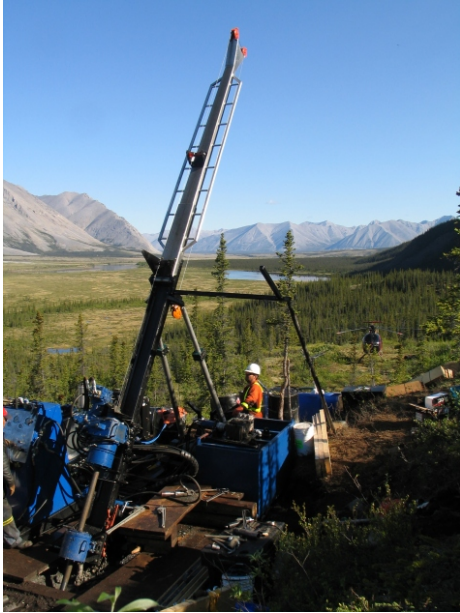


PLATE 2a: Drill Site AN-2007-03
Boyles B-20 - hydraulic drill
Prospector Drilling

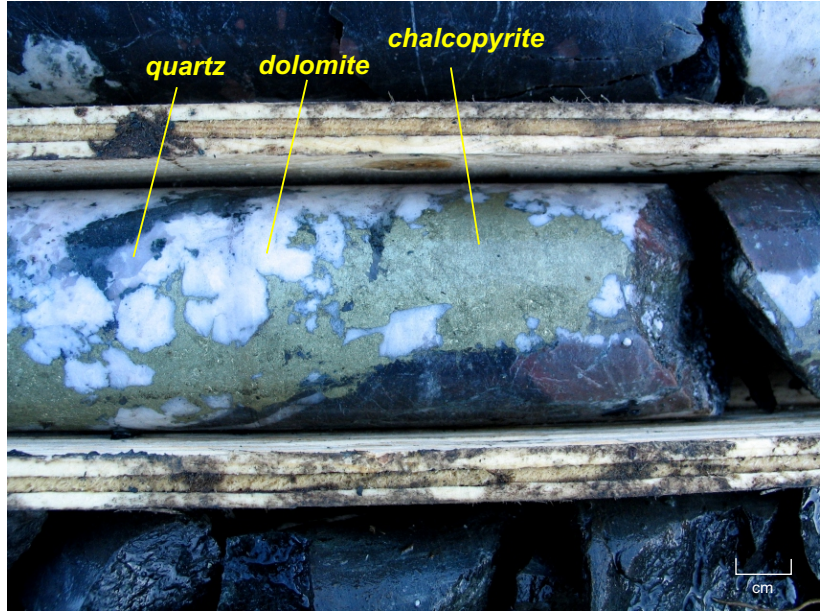


PLATE 2b: Mineralization in hole AN-2007-03
321.70-325.22m

2007 DIAMOND DRILLING - Angel Property

Guapa area



PLATE 3a: Drill Site AN-2007-07



PLATE 3b: AN-2007-07; ~225m

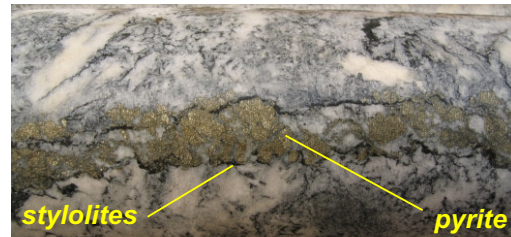


PLATE 3c: AN-2007-07; ~235m

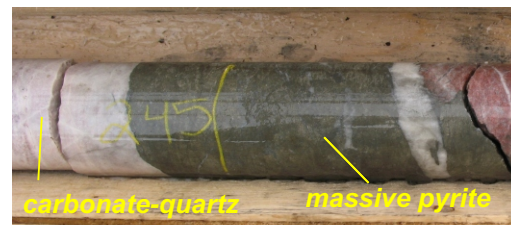


PLATE 3d: AN-2007-07; 245m

SAMPLE PROCEDURE, PREPARATION, ANALYSIS and SECURITY

All sampled core was sawn with a 5.5 horse power gas driven diamond core saw purchased from Pothier of Vancouver at the core processing facility in the Bear River base camp. One half of the core sampled was placed into a uniquely numbered polyethylene bag; the other was placed back into the labeled core box and stored at the Bear River core library. The labeled bags used a consecutive number system on all company's projects based out of Bear River base camp whereby a procedure of inserting a preparation duplicate or 'blank' followed by a laboratory standard sample were inserted every 20th, and 21st sample into the series. In addition, a duplicate was taken from the core every 20 samples (ie. on the 10th, 30th, 50th, etc). A duplicate was made by sawing the second half in half again. The inserted blanks, standards and duplicates are a quality control measure used on all core processed out of the Bear River base camp.

The sampled core in the uniquely numbered polyethylene bags were grouped according to drill hole number, put into larger labeled rice bags and flown out of the Bear River base camp to Mayo. The drill core samples were transported to Whitehorse by truck under escort by company personnel. They were shipped to ALS Chemex laboratory in Terrace, British Columbia for sample preparation with the pulps later being shipped to ALS Chemex laboratory in North Vancouver for analysis.

Core sample preparation procedures are listed in code form on the assay certificates (Appendix 1). All samples were weighed upon arrival to the laboratory (WEI-21); samples too coarse to put directly into a pulverizing mill were finely crushed to better than 70% at 2 mm fraction size (CRU-31). A split of this material was then made using a riffle splitter (SPL-21). This split was then pulverized using a 'ring and puck' style grinding mill resulting in a 250 gram weight to better than 85% passing 75 micron fraction size (PUL-31).

Regarding gold analysis (Au ICP21) the analysis is a fire assay fusion process, A 30 gram sample is mixed with fluxing agents including lead oxide, and fused at high temperature. The lead oxide is reduced to lead, which collects the precious metals. When the fused mixture is cooled, the lead remains at the bottom, while a glass-like slag remains at the top. The precious metals are separated from the lead in a secondary procedure called cupellation. The final technique used to determine the gold is combined inductively coupled plasma and atomic emission plasma spectroscopy (ICP-AES). If the gold result is greater than 10 ppm, a gravimetric finish is done (Au GRA-21).

In addition, multi-element analysis was done yielding results for 48 elements including: silver, aluminum, arsenic, barium, beryllium, bismuth, calcite, cadmium, cerium, cobalt, chromium, cesium, copper, iron, gallium, germanium, hafnium, indium, potassium, lanthanum, lithium, magnesium, molybdenum, sodium, niobium, phosphorus, lead, rubidium, rhenium, sulphur, antimony, scandium, selenium, tin, strontium, tantalum, thorium, titanium, thallium, uranium, vanadium, tungsten, yttrium, zinc, and zirconium. The analytical method is a multi-element ultra-trace analysis using a hydrofluoric-nitric-perchloric digestion, hydrochloric acid leach to liberate most elements; only the most resistive elements, such as zircon, are incompletely dissolved using this procedure. The elements are analysed by ICP-AES technique to pre-screen samples to make sure that no elevated metal concentrations are present. Elevated metal concentrations (defined as >1% of an individual base metal, or >3% cumulative) cannot be introduced to a plasma mass spectrometer without causing cross contamination. This preferred sensitivity package is coded as ME-MS61 by ALS Chemex.

INTERPRETATION & CONCLUSIONS

Surface data on the Angel property from previous 2006 field work, indicated that a torqued, partly dismembered north-south elongated diabase plug is adjacent to, and coincident with: intersecting north-ish and northwest trending structures; and a weakly mineralized Wernecke breccia with minor siltstone and hornfelsed siltstone, respectively. A zone of dilation coincident with the diabase and associated hornfels is suggested to explain the presence of the original aeromagnetic high present over the claims.

Drilling has confirmed the fine northwest, steep dipping structures which crosscut both the diabase and Wernecke breccia units. The structures are described as fine parallel spaced joints and veinlets. Chalcopyrite appears locally within these structures as veinlets and is more prevalent in the diabase suggesting that perhaps it may be the source; precipitated out as a scavenging effect. A very weak predominantly background radioactivity is registered in the area of the torqued diabase. One isolated high of 320 cps, measured from last year, 600 metres south of the main diabase plug in a swamp may suggest that better uranium values may be found zoned further out from the dilation centers along related structures.

The Guapa area reveals what is described as an evaporate-like (?) texture close to the contact of the orange-buff weathering Gillespie stromatolitic dolostone to the east and the darker Quartet siltstones to the west. The evaporate-like texture has a bladed grass form and no major sodic mineralogy or chemistry were identified from the samples sub-mitted. This is seen only in the core to date and the texture's true meaning or potential is unknown. The source of the anomalous gold float on surface was not intersected in the drilling. The gold was very local to rare float pods rich in pyrite and barite at surface.

In conclusion, no significant uranium mineralization was intersected in the 2007 drill program. Increased copper mineralization within the diabase seems unlikely as it is very impermeable. Although the breccia body is extensive around the diabase, 2007 drilling did not intersect significant mineralization at depth.

Potential for an I.O.C.G. deposit on the present Angel property is rated as low.

STATEMENT OF QUALIFICATIONS

I, Rick J. Zuran, B.Sc., with a business address of 1016-510 West Hastings Street, Vancouver, BC, V68 1M8, Canada, do certify that:

1. I am a graduate of the University of British Columbia with a Bachelor Degree in Geological Sciences (1988).
2. I have been engaged in mineral /field exploration since 1977.
3. I have been associated as an employee or consultant with the following universities, companies or government departments:


University of Ottawa
 University of British Columbia
 Denison Mines Ltd.
 Anaconda Canada Expl. Ltd.
 Selco Ltd.
 BP Minerals Ltd.
 OBI Resources Ltd.
 Anglo American
 Archer, Cathro & Associates (1981) Ltd.

Mt. Skukum Gold Mining Corp.
 Total Energold Corp.
 North American Metals Corp.
 Kennecott Canada Inc.
 Aurum Geological Consultants Inc.
 Yukon Territorial Government
 Indian and Northern Affairs Canada

4. I am a member of the Yukon Chamber of Mines.
5. I am employed by Cash Minerals.
6. The work described in this report is based on field work conducted June 1st to July 31st, 2007.
7. I supervised the field work and am the author of this report.

Dated at Whitehorse, Yukon Territory this 14th day of February, 2008.

Respectfully submitted,



Rick J. Zuran, B.Sc.

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APPENDIX I:
Assay Results (ALS Certificates)



ALS Chemex

EXCELLENCE IN ANALYTICAL CHEMISTRY

ALS Canada Ltd.

212 Brooksbank Avenue

North Vancouver BC V7J 2C1

Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: CASH MINERALS LTD.
SUITE 1890 OCEANIC PLAZA
1066 WEST HASTINGS STREET
VANCOUVER BC V6E 3X1

Page: 1
Finalized Date: 2-JAN-2008
Account: CASMIN

CERTIFICATE VA07133134

Project: DDH: AN-2007-07

P.O. No.: 195372

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 7-NOV-2007.

The following have access to data associated with this certificate:

BASIL BOTHA
GEORDIE MARK

MICHAEL CAREW
RICHARD ZURAN

DAMIEN FOSTER

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: CASH MINERALS LTD.
ATTN: RICHARD ZURAN
SUITE 1890 OCEANIC PLAZA
1066 WEST HASTINGS STREET
VANCOUVER BC V6E 3X1

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 

Colin Ramshaw, Vancouver Laboratory Manager



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Page: 2 - A
 Total # Pages: 2 (A - D)
 Plus Appendix Pages
 Finalized Date: 2-JAN-2008
 Account: CASMIN

Project: DDH: AN-2007-07

CERTIFICATE OF ANALYSIS VA07133134

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G075025		3.44	0.09	0.1	11	40	0.3	0.21	19.55	0.31	7.08	1.5	2	0.25	19	1.57
G075026		1.98	0.44	0.11	26	90	0.14	3.37	20.1	0.04	7.33	9.3	1	0.46	373	2.52
G075027		2.78	0.65	0.15	43	80	0.15	3.18	17.3	0.07	6.95	22.4	2	0.46	204	4.02
G075028		2.86	0.38	0.07	11	40	0.16	3.42	20.4	0.03	6.4	9.9	<1	0.31	112.5	2.77
G075029		Not Recvd														
G075030		Not Recvd														
G075031		3.12	0.81	0.07	32	60	0.08	6.6	14.6	0.04	2.33	9.9	<1	0.16	105	9.41
G075032		2.92	0.05	0.07	13.7	50	0.2	0.49	3.6	0.02	4.21	102	<1	0.09	8.9	4.48
G075033		1.98	0.04	0.21	13	70	0.1	0.34	14.1	0.03	4.27	4.2	6	0.11	5.8	2.98



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Page: 2 - B
 Total # Pages: 2 (A - D)
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 Account: CASMIN

Project: DDH: AN-2007-07

CERTIFICATE OF ANALYSIS VA07133134

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G075025		0.32	0.09	<0.1	0.089	0.02	3.7	3	11.75	2240	0.45	0.03	0.2	<0.2	260	39
G075026		0.39	0.08	0.1	0.255	0.03	4	2.5	13.1	3470	0.62	0.04	0.2	3.3	110	11.8
G075027		0.5	0.09	0.1	0.251	0.03	3.8	3.3	13.95	3330	0.65	0.04	0.3	22.7	60	63.2
G075028		0.31	0.08	<0.1	0.185	0.02	3.3	1.6	11.7	3850	0.36	0.03	0.1	2.9	50	10.4
G075029																
G075030																
G075031		0.26	0.09	<0.1	0.179	0.01	1.1	0.8	10.35	2840	0.91	0.02	0.1	7.7	70	21.4
G075032		0.43	0.07	<0.1	0.258	0.01	1.1	1.3	21.4	2370	0.65	0.01	0.1	34.7	40	3.1
G075033		0.53	<0.05	0.1	0.215	0.01	1.6	2.9	17.15	3110	0.57	0.01	0.1	4.9	100	5.9



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 Account: CASMIN

Project: DDH: AN-2007-07

CERTIFICATE OF ANALYSIS VA07133134

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G075025		0.9	0.002	0.11	0.23	1.4	2	<0.2	65.9	<0.05	0.05	0.2	<0.005	0.03	1.9	17
G075026		1.2	0.003	0.46	0.52	1.9	1	<0.2	122.5	<0.05	0.05	0.3	<0.005	0.25	2	15
G075027		1.2	0.003	2.9	1.25	2.1	1	<0.2	120.5	<0.05	0.08	0.4	0.006	0.07	2.9	16
G075028		0.8	<0.002	0.55	0.66	1	<1	<0.2	101	<0.05	<0.05	<0.2	<0.005	0.39	1.4	10
G075029																
G075030																
G075031		0.6	<0.002	>10.0	6.62	1.4	<1	<0.2	69.8	<0.05	<0.05	<0.2	<0.005	19.85	1.1	6
G075032		0.2	<0.002	1.88	0.17	1.8	1	<0.2	20.8	<0.05	<0.05	<0.2	<0.005	0.12	0.7	13
G075033		0.3	0.002	0.28	0.4	2	<1	<0.2	78.1	<0.05	<0.05	0.4	<0.005	0.07	1.5	27



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CERTIFICATE OF ANALYSIS VA07133134

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Au-ICP21
		W	Y	Zn	Zr	Au
		ppm	ppm	ppm	ppm	ppm
		0.1	0.1	2	0.5	0.001
G075025		0.1	7.8	79	1.6	<0.001
G075026		0.2	9.9	20	1.9	0.006
G075027		0.2	9.9	22	2.9	0.013
G075028		0.1	8.7	14	0.9	0.003
G075029						
G075030						
G075031		0.1	5.9	18	0.6	0.030
G075032		0.2	10	9	0.5	0.012
G075033		0.2	7.6	16	3	0.001



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CERTIFICATE OF ANALYSIS VA07133134

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in this method.



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CERTIFICATE VA07124172

Project: DDH: AN. 2007.03

P.O. No.: 198666

This report is for 8 Drill Core samples submitted to our lab in Terrace, BC, Canada on 1-OCT-2007.

The following have access to data associated with this certificate:

DAMIEN FOSTER

GEORDIE MARK

RICHARD ZURAN

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Cu-OG62	Ore Grade Cu - Four Acid	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-MS61	48 element four acid ICP-MS	

To: **CASH MINERALS LTD.**
ATTN: GEORDIE MARK
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

Lawrence Ng, Laboratory Manager - Vancouver



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CERTIFICATE OF ANALYSIS VA07124172

Sample Description	Method Analyte Units LOR	WEI-21	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Recvd Wt.	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu	Fe
		kg	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.02	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2	0.01
G075001		4.84	0.41	6.54	3.2	1000	1.46	0.55	3.98	<0.02	78.2	27.2	45	2.67	3250	6.71
G075002		2.98	0.11	5.66	8.3	730	1.47	1.86	4.28	<0.02	103	23.8	33	1.4	381	10.8
G075003		1.48	0.16	6.51	8.2	790	2.51	0.89	4.49	<0.02	198.5	50.3	35	3.25	256	11.8
G075004		3.70	1.06	4.38	2.4	300	0.61	0.58	8.29	0.02	30.7	41.7	28	0.29	9480	10
G075005		2.34	1.37	2.5	14	200	0.63	1.21	12.3	0.02	42.6	60	16	0.52	>10000	7.92
G075006		2.58	1.07	5.53	1.9	570	1.93	0.72	4.99	<0.02	31.2	45.1	57	2.89	8020	9.61
G075007		1.98	0.03	6.4	1.6	580	1.94	0.07	0.45	<0.02	24	53.4	57	3.46	140.5	10.4
G075008		3.90	0.03	6.82	1.6	340	1.77	0.03	0.84	<0.02	64.2	48.5	60	4.65	59	8.72



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CERTIFICATE OF ANALYSIS VA07124172

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P	Pb
		ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm
		0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10	0.5
G075001		17.95	0.18	1.5	0.131	2.96	41	18.9	3.89	2510	31.3	0.27	3.9	38.9	620	3.6
G075002		15.75	0.21	1.4	0.07	3.49	56.8	12.8	3.2	2700	13.1	0.09	7.7	36.7	1110	3.2
G075003		24.2	0.28	1.6	0.133	3.31	107.5	24	4.94	2960	15.2	0.07	8.1	64.8	930	2.8
G075004		9.91	0.16	0.7	0.144	1.46	15.9	2.3	3.83	3800	3.16	2.07	0.7	18.3	910	7.3
G075005		7.59	0.16	0.5	0.241	1.03	22.1	5.5	6.18	6120	2.54	0.66	0.6	16.2	410	8.3
G075006		17.25	0.14	1.3	0.143	2.68	15	18.2	5.16	2940	3.99	1.16	1.3	36.5	300	9.7
G075007		20.1	0.14	1.8	0.044	2.87	10.4	31.6	4.54	541	2.42	1.22	3	59.8	220	4.7
G075008		23.4	0.18	2.2	0.052	2.94	29.6	32.7	4.6	558	4.5	1.95	6.6	55.9	780	2.8



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CERTIFICATE OF ANALYSIS VA07124172

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	
		Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U	V
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.2	0.005	0.02	0.1	1
G075001		86.1	0.002	0.31	1.15	23.9	6	2.6	28	0.31	0.22	7.8	0.289	0.25	9	200
G075002		75.5	0.007	0.05	1.05	12.2	3	4.1	32.6	0.53	1.02	12.1	0.176	0.21	12.8	119
G075003		85.3	0.007	0.05	1.14	26.8	2	5.5	32.3	0.64	0.49	13.6	0.218	0.24	9.7	140
G075004		19.5	<0.002	1.07	0.86	25	5	0.6	49.3	0.11	0.28	7	0.036	0.06	2.5	113
G075005		18.4	<0.002	1.69	0.76	37.9	11	0.8	55.3	0.07	0.67	6.9	0.027	0.06	1.7	67
G075006		92.6	0.003	0.79	1.48	42.9	5	2.5	39.1	0.1	0.23	4	0.184	0.23	2.7	229
G075007		64	0.003	0.04	1.34	21.1	<1	1.6	24.8	0.26	0.07	8.6	0.25	0.29	5.3	251
G075008		70.9	0.004	0.02	1.24	24.8	<1	1.8	31.5	0.57	0.05	6.2	0.288	0.39	6.5	235



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CERTIFICATE OF ANALYSIS VA07124172

Sample Description	Method Analyte Units LOR	ME-MS61	ME-MS61	ME-MS61	ME-MS61	Cu-OG62	Au-ICP21
		W	Y	Zn	Zr	Cu	Au
		ppm	ppm	ppm	ppm	%	ppm
		0.1	0.1	2	0.5	0.001	0.001
G075001		3.4	17.1	27	43.9		0.027
G075002		3.1	22	24	37.8		0.037
G075003		2.8	25.4	38	50.6		0.041
G075004		1.7	17.2	13	20.9		0.025
G075005		1	27.4	12	14	1.450	0.061
G075006		2	22.2	24	38.8		0.066
G075007		2.5	9.9	26	51.6		0.029
G075008		0.9	12.6	25	64.1		0.011



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CERTIFICATE OF ANALYSIS VA07124172

Method	CERTIFICATE COMMENTS
ME-MS61 ME-MS61	Interference: Ca>10% on ICP-MS As,ICP-AES results shown. REE's may not be totally soluble in MS61 method.

APPENDIX 2:
Drill Logs



Cash Minerals Ltd.

SYNOPTIC LOG - Cover Sheet

PROPERTY: ANGEL				HOLE NUMBER: AN-2007-03	
SURVEY INFORMATION				DRILL INFORMATION	
<i>Surface Coordinates (metres) surveyed using:</i>				Core Diameter: NQW	
EASTING	NORTHING	ELEV.	E.O.H. DEPTH	Casing Depth (m): 3.05 (10 feet)	in/out
516834	7187982	818m	335.70m	Drill Machine: B (Boyles)-20;hydraulic	
<i>Collar and Down Hole Survey</i>				Drilling Company: Prospector	
DEPTH	AZIMUTH	DIP	METHOD	Drilling Dates: June 11-16, 2007	
<i>collar</i>	195.00	-60.00	Brunton	Section: -----	
91.44	202.00	-58.50	Reflex EZ Shot		
243.84	191.50	-58.20	Reflex EZ Shot		
355.70	*214.70	-57.80	Reflex EZ Shot		
				LOGGED BY: D. Foster & R. Zuran	

CAPSULATED SUMMARY								
From (m):	To (m):		UNIT	SAMPLE NUMBERS/COMMENTS	From (m):	To (m):	UNIT	COMMENTS
0.00	3.05	CAS		broken core, poor recovery	159.30	194.40	SLT	
3.05	19.45	DIA		grey siltstone	194.40	209.85	DIA	
19.45	20.10	WBX		sericitic and carbonate altered siltstone	209.85	219.00	WBX	
20.10	22.75	SLT		breccia.	219.00	277.65	DIA	
22.75	28.87	WBX		barite vein.	277.65	292.92	WBX	
28.87	39.42	SLT		strongly altered moderately mineralized	292.92	298.60	SLT	
39.42	42.08	WBX		siltstone breccia.	298.60	308.02	FEP	
42.08	45.10	DIA		metasomatically altered breccia.	308.02	310.00	CHT	
45.10	47.85	SLT		severely altered siltstone breccia.	310.00	317.20	DIA	
47.85	57.60	DIA		strongly overprinted (Mg) breccia - cooked	317.20	321.70	HFL	G075001-003
57.60	62.89	WBX		diabase dyke.	321.70	325.22	VN	G075004-006
62.89	63.40	DIA		sericitc siltstone breccia.	325.22	344.17	SLT	G075007-008
63.40	65.02	WBX		dolomite-quartz vein.	344.17	346.75	FLT	
65.02	110.68	SLT		sericitic siltstone breccia.	346.75	355.70	SLT	
110.68	118.85	WBX		barite vein.				
118.85	120.42	DIA?		heavily mineralized breccia.				
120.42	128.32	WBX		heavily altered mostly strongly mineralized				
128.32	156.20	WBX		(Mg) breccia.				
156.20	159.30	DIA		60% gouge.				
REASON for DRILLING HOLE: To test the centre of the oval 2.5mGal gravity anomaly.								
REASON for SHUTTING HOLE DOWN: Successful intersection of gravity anomaly.								

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-03

GRAPHIC LOG	COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia					Lithology					WRITTEN LOG <i>include nature of contacts, additional structure, mineralogy, textures, & alteration</i>	ASSAY LOG						
	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast		Matrix			colour 1	colour 2	texture (gr/m)		texture	modifier	ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																		clast 1	clast 2	size (average) cm	angularity	percent (%)											
	36.73	39.42	BD	VT	70	30	-	-	-	-	car	t											GY	BK	FG	BN	SLT					SILTSTONE: Grey banded siltstone, bands ~2mm to 20mm thick. Do + Qz veinlets to 2cm. Li in late fractures.	
	39.42	42.08	Bx	VT		30	t	-	-	-	car	m	chl	w			SED	1-2	sa	10	Do	Qz	GY	OL	FG	Bx	BXA					BRECCIA: siltstone clasts. Some pink (albitised?) clasts. 10cm zone of 1-2cm Do + Qz veinlets at lower contact with DIA.	
	42.08	45.10	VT		40		-	t	-	t	chl	s	car	m	sil	w							GN	WH	FG	MA	DIA					DIABASE: Chloritic, magnetite-bearing mafic (diabase?). Do + Qz plus Cl + Cp clots (filled vesicles?) over the last 20cm. Trace Cp disseminated, often adjacent to Cl, Do, Qz veinlets.	
	45.10	47.85	VT	VT	0-80	var	-	t	-	t	alb?	s	chl	w	car	m							PK	BK	FG	BN	SLT					SILTSTONE: Pink, slightly bleached, locally brecciated. The top 40cm has ~2mm bands of magnetite in pink (albitised?) host and trace Cp (adjacent to DIA contact). Non magnetic otherwise.	
	47.85	57.60	VT		10-50		t	1-2	-	t	chl	m	car	w	sil?	w							GN	PK	FG	MA	DIA					DIABASE Chloritic, magnetite-bearing, fine-grained mafic (diabase?). Cut by ~1cm Do+ Qz + bladed He veinlets. Cp is very rare and only occurs in the veinlets. Mg is disseminated throughout, and also concentrated on the edges of the veinlets, and in Mg-only veinlets (~2-4mm thick) locally. Bladed He (to 2cm) occurs rarely in the Do veins. Large (3-5mm) Mg clots occur locally, e.g. 54.70m.	
	57.60	62.89	Bx	VT		20-50	-	t	t	t	chl	m	car	s	alb?	m	IGE	SED	1-2	sa	15	Cl	Do	GN	GY	FG	Bx	BXA					BRECCIA: Green chloritic matrix at top- minor Cp + Mg (brecciated diabase). Grey siltstone? Clasts in the centre of the interval (+- Py). Bleached white-pink fine-grained (car altered?) breccia at the base of the section (with minor He and Mg).
	62.89	63.40	VT		10		-	t	-	-	chl	m	car	m									GN	BK	MG	MA	DIA					DIABASE: Mafic, lot of Mg at upper contact (adjacent to Do VT)	
	63.40	65.15	VT		40-80		t	t	-	t	chl	m	car	m			IGE	JAS	1-2	sa	10	Cl	Do	GN	OL	FG	Bx	BXA					BRECCIA: Polymict Bx veins in Cl-rich DIA. Do+Qz+Cp veinlets.
	65.15	-	VT	Bx	0-20		-	t	-	t	chl	m	car	m			IGE	JAS	1-2	sa	10	Cl	Do	GN	OL	FG	Bx	BXA					BRECCIA: DRILLERS ERROR- 10' (2.65m) section left out in blocks. Do + Qz + Cp breccia veins in chloritic diabase.
	65.02	110.68	Bx	VT			t	-	-	t	car	m	chl	w	ser	m	SED	JAS	1-2	sa	5	Do	Cl	GY	OL	FG	Bx	BXA					BRECCIATED SILTSTONE Grey brecciated siltstone. Mostly breccia, locally polymict. Locally veined with relic bedding preserved. SED clasts, some JAS locally. The matrix and veins are mostly Do + Qz, some chlorite locally. Rare Cp, no Mg observed. Veins to 2cm. Ser alteration in ~5-10cm bands locally.

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (Intensity)					Breccia						Lithology						WRITTEN LOG	ASSAY LOG																
Scale (m)	GRAPHICS	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2	colour 1	colour 2	texture (g/mm)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER											
								-	-	-	-	ser	s	chl	m			SED	JAS		1	sa			10	Cl	Se	PK	GY	FG		Bx								(74.38-74.70): Sericite matrix to breccia, sedimentary and JAS clasts.						
				VT		10		-	-	-	t	car	m	chl	w												WH	PK	CG	VT										(89.05-89.15): ~1.5cm thick dolomite + quartz + chalcopyrite veinlet.						
								-	-	-	-	car	m	chl	m			SED		1-2				5	Do	Cl	GY	GN	FG	Bx												(96.89-100.02): Dolomite + chloritic matrix with much higher proportion of chlorite here. Clasts still sedimentary.				
				VT		20		t	-	-	-	hem	s														RD	PK	FG	VT												(106.9-107.3): 1cm Do + Qz + He-stained feldspar? Veinlets.				

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GRAPHIC LOG	COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology						WRITTEN LOG <i>include nature of contacts, additional structure, mineralogy, textures, & alteration</i>	ASSAY LOG						
	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (g/mm)	texture	modifier		ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER		
																	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1												mineral 2	
	110.68	111.76	Bx	VT			20	-	-	-	-	chl	s	car	m		IGE	SED	0.5	sa	30	Cl	Do	GN	WH	FG	MA	Bx	BXA	DIABASE: Chloritic phenocrystic DIA breccia. Some SED clasts.					
	111.76	118.85	Bx	VT			20	-	-	-	-	chl	s	car	s		SED	JAS	1	sa	5	Cl	Do	GN	GY	FG	Bx	BXA	BRECCIA Grey-green breccia, mostly sedimentary clasts, some JSP minor IGE? Matrix consists of variable proportions of chlorite and dolomite. Dolomite veinlets locally.						
	118.85	120.42	Bx					-	-	-	-	chl	s	sil	m	alb	m	IGE	SED	0.2	sr	5	Cl	Do	GN	PK	FG	MA	Bx	DIA?	DIABASE?: Green chloritic diabase?, has non-magnetic, pink albitised zones locally. Could be a chl-altered SED? Minor Bx.				
	120.42	128.32	Bx	VT			40	-	-	-	-	chl	s	car	m	alb	w	SED	JAS	1.5	sa	10	Cl	Do	GY	GN	FG	Bx	BXA	SEDIMENTARY BRECCIA Some JAS clasts. Clast size variable (0.1-3cm). Minor 1cm thick dolomite veinlets (+ chlorite). Albite? Alteration locally.					
	128.32	156.16	Bx	VT			20-40	t	t	-	t	chl	s	alb	s	car	m	SED	JAS	1-3	sa	2-10	Cl	Do	PK	GN	FG	Bx	BXA	BRECCIA Brecciated and veined siltstone. In situ breccia with minor chlorite matrix in the top section, relic sedimentary banding observed locally. Clasts mostly pink (albitised) some JAS. More chloritic and increased matrix towards the base. Also lot of red (Fd?) veining plus clumps rich in Mg in Bx near the base. Do + Qz + Ca +- Cl (to 1cm thick) in lower section. He locally in Bx matrix.					
				FLT				-	-	-	-	chl	s	car	m										GN	FG	SH	FLT	(140.2-141.2): Chloritic fault zone, schistose broken rock						

GRAPHIC LOG	COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)					Breccia								Lithology					WRITTEN LOG	ASSAY LOG									
														Clast				Matrix				colour 1	colour 2	texture (g/mm)	texture	modifier		ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER					
														type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2												size (average) cm	angularity	percent (%)	mineral 1	mineral 2
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2	colour 1	colour 2	texture (g/mm)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER		
				VT		30-60		t	-	-	-	alb	s	chl	m	car	m	SED		2	sa	2	Ab	Do	RD	GN	FG	Bx									(152.2-153.0): Red feldspar veinlets in sedimentary breccia.
				Bx				t	t	-	-	alb	s	chl	m	car	m	SED		2	sa	10	Cl	Do	GN	PK	FG	Bx									(153.5-156.2): Magnetite in matrix and disseminated in clasts.
		156.20	159.30	VT		0-50		-	1	-	t	chl	s	carb	m										GN	WH	FG	MA		DIA						DIABASE	
																																				Chloritic diabase with minor Do + Qz + Cl veinlets. Cp locally present in the veinlets. Magnetite is disseminated throughout but not in the veinlets.	
		159.30	194.40	Bx	VT	10-20	t	-	-	-	-	alb?	m	chl	m	car	m	SED	JAS	0.2-2	sa	5-20	Cl	Cb	GY	PK	FG	Bx	CR	SLT						BRECCIATED SILTSTONE	
																																				Small FLT (10cm) at upper contact. Varies from polymict bx (mostly SED clasts) to in situ crackle breccia (relic bedding locally). Matrix varies from ~5 to 20% and is mostly Do + Ca with some sections dominated by chlorite. Locally Se (<1%) + He occurs in the matrix. Clasts are pink locally (albitised?).	
				VN		40		-	-	-	-														YW	WH	CG	VN		VEN							elsewhere mostly grey siltstone. The last metre before the lower contact is a chloritic breccia (20% matrix). Late calcite-infilled.
				VN		40		2	-	-	-														YW	WH	CG	VN		VEN							contact is a chloritic breccia (20% matrix). Late calcite-infilled.
				FLT				-	-	-	-	chl	m												GN		FG	Bx	CR	FLT							FLT zones locally. Rare Do+Qz+Chl veinlets (to 15cm thick).
																																					(163.5-163.65): 15cm Dol + Qz vein
																																					(166.35-166.5): Do + Qz + Se + He vein
																																					(166.73-167.15): Fault zone marked by crackle brecciation.

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GRAPHIC LOG		COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG									
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast		Matrix				colour 1	colour 2	texture (g/mm)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration				FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1							mineral 2							
																																				(180.0-182.0): Dolomite rhombs to 2mm, relic bedding visible locally.
			Bx				-	-	-	-	chl	s	alb?	m	car	m	SED		1	sa	20	Cl	Do	GN	PK	FG	Bx								(191.11-194.4): Breccia with chloritic matrix, merges with Mg-bearing diabase.	
			SH				-	-	-	2	chl	s	car	m																					(194.16-194.4): 1-2% Cp in chlorite veinlets along contact.	
	194.40	209.85	VT		0-30		t	1	-	t	chl	s	car	m			IGE		1	sa	10	Cl	Do	GN		FG	MA		DIA					DIABASE		
																																			Fine-grained chloritic mafic. Massive appearance. Some Do + Oz plus Cl + He + Cp veinlets. Cp is a conspicuous component of many of the veinlets (and not found outside the veins). Narrow Bx at the top contact contains Cp in Cl veins. He is restricted to veinlets. Magnetite is disseminated throughout the mafic host.	
							t	t	-	t	chl	s	car	s																						(206.35-209.85): Very pronounced Cl + Cb bleaching of DIA.
																																				(208.49-208.51): 2cm Cl + Ac? + Cp veinlet.
																																				(208.70-208.72): 2cm pink fine-grained apite? or albite? veinlet.
	209.85	211.06	Bx				t	t	-	t	chl	s	car	s	alb	m	IGE	SED	0.5	sa	10	Cl	Do	GN	WH	FG	Bx		BXA						BRECCIA: chloritic breccia contact between DIA and SLT.	
	211.06	219.00	Bx	VT		0-30	t	t	-	-	alb	m	car	m	chl	m	SED	Qz	0.5	sa	5	Do	Se	GN	PK	FG	Bx	He	BXA					BRECCIATED SILTSTONE		
																																			Relic banding locally. Sedimentary clasts, some pink (albitised?) clasts and bands. Do + Oz + Cl veinlets to 1cm. Areas with intense Se + He matrix locally. Mg occurs near upper contact.	

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GRAPHIC LOG	COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia							Lithology					WRITTEN LOG	ASSAY LOG								
	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2	colour 1	colour 2	texture (grm)		texture	modifier	ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER		
				VT		0		-	-	t															WH	FG		VT								(259.7-260.0): 3cm Qz + Cp + Fd? + Cl veinlet. 3cm Cp blobs.	
				VT		10		1	-	-															WH	FG		VT								(264.26): 3cm Qz + Do + (Cp-Hs) veinlet. Blotchy Cp.	
				VT		5		-	-	-															WH	FG		VT								(276.75): 1cm Qz (Cp) veinlet.	
																																				(277.6): Silica and 2% blotchy Cp near footwall contact.	
			277.65	292.92	C		70	15	15	-	t		car	w			SLT	JAS		1	sa	20	Mg	Hs	DK	GY	Bx		WBX							POLYMICITIC BRECCIA (W SED Mg Hs (JAS) 2-car)	
																																					Polymictic (jasperoid) magnetite-hematite rich breccia. Fine-grained magnetite in dark matrix grades to zone with less Mg and more Hs towards the footwall contact of the interval. Weak calcite alteration-WH, interstitial.
																																					Increasing cal infill/alteration towards FW- wispy, disturbed texture. Last 50cm of interval (FW) is an angular Bx with 50% jasperoid clasts.

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GRAPHIC LOG	COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)			Breccia					Lithology					WRITTEN LOG <i>include nature of contacts, additional structure, mineralogy, textures, & alteration</i>	ASSAY LOG												
	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (average) cm	angularity		percent (%)	mineral 1	mineral 2	colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
				C		60																													
		292.92	298.60	BD	J	65	55	15	-	-		car	tw												DK	BN	FG	BN	SLT	BANDED DISTURBED SILTSTONE (HEMATITE RICH) Dark banded interval with local disturbed subintervals containing slight calcite infill. Local flame structure indicating tops.					
				VT		45		3	-	t															WH	FG	VT								
		298.60	308.02	C		50		-	t	-		bio	ms	car	f										PK	BN	FG	PO	EU	FEP	FELDSPAR PORPHYRY (RECRYSTALLISED MATRIX) Off-white phenocrysts of euhedral feldspar (15-25%) in a dark fine-grained recrystallised matrix rich in biotite; weakly magnetic. Cooked, hard cryptocrystalline brittle fractured with carbonate fracture fillings in chert-like lithology towards the FW of this interval.				
		308.02	310.00	C		90		-	-	-															PK	GY	FG	CR	CHT	BANDED DISTURBED PINKISH-GREY CHERT Very hard crackled siliceous unit with deformed light and dark bands.					
		310.00	317.20					-	2	-	t	chl	ms	car	m										DK	GN	FG		DIA	DIABASE Very fine-grained mafic, dark greenish, weakly magnetic, chlorite-altered diabase 'dyke'. Siliceous-cherty and weakly brecciated FW contact.					
		317.20	321.70	C		45		t	5	-	t	ser	s	car	i		CHT	JAS	1.5	sa	60	Mu	He	PK	BN	MG	Bx	Rx	HFL	MIXED HORNFELSIC ZONE Mixed interval of strong sericite-muscovite altered rock (SLT?); dolomite injected subinterval; muscovite-altered BXA with increasing magnetite towards the FW.					
		321.70	325.22	C		10		-	-	-	10														WH	YW	CG	XL	VN	DOLOMITE-CHALCOPYRITE-QUARTZ VEIN Pale yellowish coarse crystalline dolomite with large (5-10cm) irregular patches of chalcopyrite. Off-white quartz is interstitial to					

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)				Breccia							Lithology							WRITTEN LOG	ASSAY LOG												
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	Clast		Matrix				mineral 2	colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER							
																			size (average) cm	angularity percent (%)	mineral 1	mineral 2																					
	325.22	344.17						3	t			chl	m																							the dolomite. Unidentified black mineral along local fine fractures.	323.00	324.00	1.00	G075005			
																																					DARK GREYISH-GREEN SILTSTONE	324.00	325.22	1.22	G075006		
																																					Fine-grained, locally crackled and brecciated, local carbonate	325.22	326.00	0.78	G075007		
																																					infill (elongated, 1-5cm) patches- 5% local chlorite-altered	326.00	328.00	2.00	G075008		
																																					siltstone. Subintervals of faulting/shearing and clay gouge.						
																																					Variably magnetic.						
			FLT			45	-	-	-	-		cly	30	cal	ms		SLT																			(333.53-334.0): faulted siltstone with 30% grey cal-cly gouge and 70% broken core.							
			C			5																																					
	344.17	346.75	FLT			60	-	5	-	-		sil	ms			CHT							GY	GN	FG	GO	CHT	FLT								FAULT							
																																							40% grey clay (cal) gouge + 60% chips and broken hard crackled cherty siltstone.				
	346.75	355.70	BD			60	-	5	-	-		sil	x	car	w								GY		FG	VU		SLT										GREY 'CHERTY' SILTSTONE					
			EOH																																				Moderate grey to dark brownish bands of siliceous 'cherty' siltstone. Weak-moderate crackle texture, more prominent towards the FW of this interval. Calcite-dolomite tension fracture				
																																							infill (5%). Locally vuggy surfaces (350.5-352.25) and very fine-grained iron carbonate disseminations (2%) pervasive and increasing towards the EOH.				



Cash Minerals Ltd.
SYNOPTIC LOG - Cover Sheet

PROPERTY: ANGEL

HOLE NUMBER: AN-2007-04

SURVEY INFORMATION

DRILL INFORMATION

Surface Coordinates (metres) surveyed using:

EASTING	NORTHING	ELEV.	E.O.H. DEPTH
516999	7187995	831m	99.70m

Core Diametre: NQ-2
Casing Depth (m): in/out
Drill Machine: B (Boyles)-20;hydraulic
Drilling Company: Prospector

Collar and Down Hole Survey

DEPTH	AZIMUTH	DIP	METHOD
<i>collar</i>	090	-50	Brunton
			No downhole survey

Drilling Dates: June 16-22, 2007

Section: -----

LOGGED BY: Melissa Halpenny (edited by R. Zuran)

CAPSULATED SUMMARY

From (m):	To (m):	UNIT	SAMPLE NUMBERS/COMMENTS	From (m):	To (m):	UNIT	COMMENTS
0.00	25.58	WSED2-ser, alb, car	Increasing ser alt on HW and FW				
25.58	29.86	WSED1-chl, car					
29.86	40.62	SLT	Dark pink-grey- 1% hematite				
40.62	48.34	FLT	5% grey-green gouge				
48.34	63.66	SLT	Grey				
63.66	72.70	FLT	15-20% gouge				
72.70	73.61	SLT	Grey				
73.61	82.28	WSED1-chl, pot	Soft sediment deformed lamina				
82.28	88.38	FLT	Dark grey				
88.38	91.59	WSED1-chl					
91.59	92.79	FLT					
92.79	99.70	WSED1-chl, car	Crackled				
		EOH					

REASON for DRILLING HOLE: to test the north-trending recessive weathering structure for mineralisation wrt. The Igor model.

REASON for SHUTTING HOLE DOWN: core barrel seized in casing; abandoned hole; did not reach target.

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DIAMOND DRILL HOLE LOG

HOLE NUMBER: AN-2007-04

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)						Breccia							Lithology						WRITTEN LOG		ASSAY LOG																			
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix				colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER																		
																	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2												mineral 3																	
	0.00	25.58	VT		45-60	-	-	-	-		ser	x	alb	f	pot	m	SLT						2	sa		20	Do	Mu	GY	PK						WBX	BRECCIA. WBX: WSED 2- ser, alb, car Breccia contains local fracture/joint-controlled Do-Qz veinlets averaging 1cm thick @ 45-60 TCA over 5% of the interval. Alteration increases towards the HW and FW contacts, local broken core (HW).															
											1	-	t	-			ser	40	alb	i	pot	s	SLT		2	sa		Do	GY	PK	Bx	MO	WBX	(0.00-9.30): WSED (Hs)2- ser, alb, pot. Local potassic alteration, Mg and Mu (9.30-9.80): broken core (9.80-15.00): WSED 1- ser, alb. Less altered than HW. (15.00-15.90): WBX with dotted carbonate overprints @ 10 TCA WBX becoming similar to HW of this interval- increased potassic and muscovite (ser) alteration. Also increasing matrix.																		
	25.58	29.86	C		60	7	-	t	-			car	80	chl?	w																									WBX	BRECCIA. WBX: WSED 1- chl, car, ser.											
																	5	He	Do	BG	BK	CR																		CRBX	(25.58-26.35): CRBX, Ca and Qz veinlets (average 3cm thick) at 80 TCA, over 10% of the interval											
																	5						chl	50	car	i	ser	s	SLT	Do																WBX	(26.35-29.86): WBX, alteration decreases towards the FW. Angular Do clasts increase towards the contact.					
	29.86	40.62	C	BD	40	45	1	-	t	t		car	ms	chl	w																													SLT	SILTSTONE Fe-rich sediment. Soft sediment deformation. Dotted carbonate overprint. Do + Qz veinlets (averaging 1cm thick) @ 45 TCA 9% of interval.							

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HOLE NUMBER: AN-2007-04

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG					
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast				Matrix		colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																		class 1	class 2	size (average) cm	angularity	percent (%)	mineral 1											
		72.70	73.61	VT			60	-	-	-	-	chl	s	oxi	w								GY	WH				SLT	SILTSTONE					
		73.61	82.28	VT			45	tw	-	t	-	chl	40	pot	i	oxi	w	SLT		1	sa	15	Do	He	GY	GN		WBX	Ca veinlets (average 1cm wide) @ 60 TCA, over 5 % of the interval					
				VT			35																						BRECCIA, WBX: WSED 1- chl, pot.					
																													Breccia, matrix albite? Ca, Qz veinlets (average 1cm wide) @ 45					
																													TCA, over 5% of the interval Orthogonal to joints.					
																													(76.66-77.36): SLT, Ca-Qz veinlets (average 1cm wide) @ 35					
																													TCA, over 10 % of the interval. Soft sediment deformation.					
		82.28	88.38	C			45	-	-	-	-	chl	60	car	30			SLT		1	sr	15	Do		GY	WH		GO	FLT	FAULT				
																													Fault in WBX, Fe-rich sediments, 15% gouge, 25% Ca.					
		88.38	91.59	VT			50	w	-	-	-	chl	30	car	30			SLT		1	sa	10	He	Ca	GY	PK		WBX	BRECCIA, WBX: WSED 1- chl, car, alb?					
																													Breccia in Fe-rich sediment. Joint-controlled Ca veinlets (average					
		91.59	92.79					t	-	-	-	chl	60	car	30	pot	f	SLT		1	sa								1cm wide) @ 50 TCA, over 3% of the interval.					
																													Fault in WBX, Fe-rich sediment, 50% gouge, weak oxidation.					
		92.79	99.70	VT			45	-	-	-	-	chl	50	car	30	pot	f	SLT		2	sa	5	Do	He?	GY	PK	CR	WBX	BRECCIA, WBX: WSED 1- chl, car.					
																													Fe-rich sed. Ca-Do stringers breaking up clasts creating crackle					
																													texture. Joint-controlled Ca-Qz veinlets (average 0.5cm wide) @					
																													45 TCA, over 2 % of the interval.					
																													EOH					
				VT			20	t	-	-	-	hem	s																(106.9-107.3): 1cm Do + Qz + He-stained feldspar? Veinlets.					



Cash Minerals Ltd.
SYNOPTIC LOG - Cover Sheet

PROPERTY: ANGEL

HOLE NUMBER: AN-2007-05

SURVEY INFORMATION

DRILL INFORMATION

Surface Coordinates (metres) surveyed using:

Core Diameter: NQ-2

EASTING	NORTHING	ELEV.	E.O.H. DEPTH
517004	7187994	831m	389.23m

Casing Depth (m): 3.05 (10 feet) in/out

Drill Machine: B (Boyles)-20;hydraulic

Collar and Down Hole Survey

Drilling Company: Prospector

DEPTH	AZIMUTH	DIP	METHOD
<i>collar</i>	090.0	-50.0	Brunton
12.19	082.2	-53.3	Reflex EZ Shot
121.92	091.7	-57.8	Reflex EZ Shot
243.84	092.0	-57.8	Reflex EZ Shot
365.76	105.3	-57.8	Reflex EZ Shot

Drilling Dates: June 22-28, 2007

Section: -----

LOGGED BY: R Zuran (quick logged)

CAPSULATED SUMMARY

From (m):	To (m):	UNIT	SAMPLE NUMBERS/COMMENTS	From (m):	To (m):	UNIT	COMMENTS
0.00	2.13	OVB overburden		210.31	228.00	WBX. WSED2.car	
2.13	7.38	LOS lost core		228.00	228.60	alt. DIA/DIO	
7.38	7.62	Do-Qz VN		228.60	249.00	WBX. WSED2.car	
7.62	17.50	WBX. WSED 1.chl		249.00	262.00	SLT	
17.50	47.80	alt. SLT		262.00	265.00	WBX.WSED 2.ser	
47.80	50.90	FLT		265.00	288.00	DIA(?)/SLT/FLT	Mixed interval
50.90	63.25	alt. SLT		288.00	305.00	alt. SLT	
63.25	69.30	SH SLT		305.00	347.00	WBX. WSED2.car, sil	
69.30	75.29	WBX.WSED(Hs,Py)2.chl	*High of 355cps-radioactivity	347.00	351.00	FLT	
75.29	79.00	alt. DIA/DIO		351.00	380.00	alt. SLT	
79.00	81.60	WBX.WSED 2.chl,ser		380.00	389.23	WBX. WSED2.car	
81.60	89.90	alt. DIA/DIO				EOH	
89.90	105.00	WBX.WSED(Hs)2.chl,ser					
105.00	116.75	FLT					
116.75	125.00	WBX. WSED1.sil					
125.00	143.00	alt. DIA/DIO					
143.00	156.97	WBX.WSED(Hs)2.chl					
156.97	157.89	FLT					
157.89	210.31	FPO/SLT					

REASON for DRILLING HOLE: A 2nd attempt to test a suspected recessive weathering N-S structure for mineralisation

REASON for SHUTTING HOLE DOWN: Projection shows that the structure was properly tested, no significant mineralisation or radioactivity detected.

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG						
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																		clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1												mineral 2
		47.80	50.90	FLT				-	-	-	-	chl	m	car	m									GY		VT	GO	FLT	FAULT						
		50.90	63.25	LA BD	45	45		-	-	-	-	chl	ms	sil	m	pot	m								GY	FG	SP	LA	SLT	ALTERED SILTSTONE					
		63.25	69.30	SH		5		-	-	-	-	chl	m											GY	FG		SH	SLT	SHEARED SILTSTONE						
		69.30	75.29	SH VT	25	25		5		1		chl	m				SED	sa		Hs			GY	RD		Bx	WBX	ALTERED BRECCIA. WSED (Hs, Py) 2- chl.							
																													Dark reddish-grey, weakly chlorite-altered with minor specularite (5%) and pyrite (1%) primarily in the matrix. Polymictic siltstone clast composition- subangular. Weak radioactivity in this						

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

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GRAPHIC LOG		COMPUTER LOG		Structure			Minerals (%)				Alteration (intensity)				Breccia						Lithology					WRITTEN LOG	ASSAY LOG								
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER		
																	class 1	class 2	size (average) cm	angularity	percent (%)	mineral 1												mineral 2	
																											interval up to 350 cps.								
	75.29	79.00	VT			70	-	-	-	-	chl	s	ser	m								GN	GY	MG	EQ	alt	DIA	ALTERED DIABASE (DIO?)							
																											Greenish-grey, fine to medium grained, cooked-chlorite-altered intrusive- possible diabase/dioeite in composition. 20% structurally-controlled jointing filled with Do-Qz veinlets. Broken, sheared FWc- obscured.								
	79.00	81.60					-	-	-	-	chl	s	ser	m		SLT		sa		20		GY				Bx	WBX	ALTERED BRECCIA. WSED 2- chl, ser.							
	81.60	89.90	VT				-	2	-	t	chl	i										GN	GY	MG	EQ	alt	DIA	ALTERED DIABASE (DIO?)							
																											Greenish-grey, fine to medium grained, chlorite-altered intrusive- possible diabase or diorite. Noted trace blebs of chalcopyrite associated with structurally-controlled dolomite veinlets. Core weak to moderately magnetic at FWc.								
	89.90	105.00					3	-	-		chl	s	ser	m		SLT				25 Hs		DK	GY	FG		Bx	WBX	ALTERED BRECCIA. WSED (Hs) 2- chl, ser.							
																											Very similar to (79.0-81.6), noted 3% disseminated Hs primarily in the matrix.								
	105.00	116.75					-	-	-	-	chl	m	ser									GY					FLT	FAULT							
																											Grey, sheared, with 50% gouge and siltstone/siltstone crush. FWc obscured.								

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia							Lithology					WRITTEN LOG	ASSAY LOG						
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	attitude 1	attitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix				colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																		clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2												
		116.75	125.00	SH	VT			-	-	-	-			sil	m				SLT				15		GY		Bx	WBX	ALTERED BRECCIA, WSED 1- sil. Grey, moderately silicified siltstone breccia with structurally periodic calcite-coated shear planes. FWc obscured and estimated.							
		125.00	143.25					-	2	-				chl	s											GN	GY	MG	EQ	alt	DIA	ALTERED DIABASE (DIO?) Greenish-grey, fine to medium grained, chlorite-altered intrusive rock- possibly diabase or dioritic in composition. HWc and FWc are estimated.				

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG					
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (gran)	texture	modifier	ROCK CODE#	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1												mineral 2
	143.25	156.97					t	-	-	-	chl	f	sil	w			SLT			sa	25	Hs	Do	GY				Bx	WBX	ALTERED BRECCIA, WSED (Hs) 2- chl. Grey siltstone breccia with trace amounts of specularite in the matrix. Local (<5%) dolomite infill; breccia is chlorite-altered (fair) with local weak silica alteration. HwC and FWc estimated.				
	156.97	157.89					-	-	-	-													GY				FLT	FAULT Hwc and FWc estimated.						
	157.89	210.31					-	-	-	-													DK	GY	FG	PO	FPO	ALTERED FELDSPAR PORPHYRY? Dark (greenish) grey unit- possibly hypabyssal/andesitic? Altered texture- patch- spotty pale dolomite overprinting original fabric- 15%. Relic porphyry texture? HwC and FWc are estimated.						

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG				
Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (gran)	texture	modifier	ROCK CODE _{III}	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1											
	228.00	228.60	VT				-	-	-	-	chl	m										GN	GY	MG	EQ	alt	DIA	ALTERED DIABASE (DIO?)					
	228.60	249.00					-	-	-	-	car	m			SLT							DK	GY	FG		Bx	WBX	ALTERED BRECCIA, WSED 2- car.					
	249.00	262.00					-	-	-	-												GY	FG		MA	SLT	SILTSTONE	Grey, fine-grained, massive- non-bedded siltstone.					

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology						WRITTEN LOG	ASSAY LOG				
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcocopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (gran)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																		clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1											
		262.00	265.00					-	-	-	-	ser	ms					SLT	sa	25	Se	GY	FG	Bx	WBX		ALTERED BRECCIA, WSED 2- ser. Grey polymictic siltstone breccia. Moderately to strongly sericite-altered. The Hwc and Fwc are estimated.							
		265.00	288.00					-	-	t	-											GY	FG		MIX		DIABASE?/SILTSTONE/FAULT Mixed interval of intrusive of possible diabasic or dioritic composition, grey fine-grained poorly bedded siltstone- both lithologies are broken and faulted. The Hwc abd Fwc are estimated.							
		283.62	VT			50		-	-	-	5											WH	FG	VT			(283.62): Quartz-dolomite-chalcocopyrite veinlet (5cm) @ 50							

Cash Minerals Ltd.

HOLE NUMBER: AN-2007-05

GRAPHIC LOG	COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)					Breccia					Lithology					WRITTEN LOG	ASSAY LOG														
	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1 intensity 1	type 2 intensity 2	type 3 intensity 3	clast 1	clast 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2	colour 1	colour 2		texture (gran)	texture	modifier	ROCK CODE: I	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER						
	288.00	305.00					1	-	-	-	ser	s	car	m	ble	f																			ALTERED SILTSTONE Light grey, 'cooked' fine to medium grained, sericite-muscovite +/- carbonate altered siltstone. Local coarse crystalline specularite. The HWc and FWc are estimated.				
	305.00	347.00	FO		30		-	-	-	-	car	m	sil	m		SLT		sa	20	Cb	GY	BN	FG		Bx	WBX								ALTERED BRECCIA. WSED 2-car. sil. Multicoloured greys- brown, carbonate- silica altered siltstone breccia. HWc and FWc are estimated.					



Cash Minerals Ltd.

SYNOPTIC LOG - Cover Sheet

PROPERTY: ANGEL				HOLE NUMBER: AN-2007-06			
SURVEY INFORMATION				DRILL INFORMATION			
Surface Coordinates (metres) surveyed using:				Core Diameter: NQ-2			
EASTING	NORTHING	ELEV.	E.O.H. DEPTH	Casing Depth (m): 24.38 (80 feet)		in/out	
517352	7186783	911m	293.80m	Drill Machine: B (Boyles)-20; hydraulic			
Collar and Down Hole Survey				Drilling Company: Prospector			
DEPTH	AZIMUTH	DIP	METHOD	Drilling Dates: July 1-10, 2007			
collar	057	-47	Brunton	Section: -----			
49.99	050	-43.6	Reflex EZ shot				
110.95	052	-43.8	Reflex EZ shot				
171.91	052	-43.7	Reflex EZ shot				
232.87	054	-44	Reflex EZ shot				
293.83	056	-43.9	Reflex EZ shot	LOGGED BY: Melissa Halpenny (edits by R. Zuran)			

CAPSULATED SUMMARY

From (m):	To (m):	UNIT	SAMPLE NUMBERS/COMMENTS	From (m):	To (m):	UNIT	COMMENTS
0.00	24.50	OVB	broken rock/ overburden				
24.50	48.00	WBX	W SED 1 ser, chl				
48.00	58.78	FLT	broken/ fractured WBX				
58.78	65.72	WBX	W SED 1 ser, chl				
65.72	73.68	SLT	SLT with He "staining"				
73.68	113.55	SLT	soft sed def trace Py, Cp				
113.55	129.00	SLT	SLT with He "staining"				
129.00	189.20	SLT	trace Py, Cp				
189.20	225.71	SLT	50% siliciously altered				
225.71	293.80	SLT	trace Py, Cp				

REASON for DRILLING HOLE: to test the oxidized/ leached CUCARACHA SHOWING at depth.
 REASON for SHUTTING HOLE DOWN: no significant mineralization at target depth.



Cash Minerals Ltd.
DIAMOND DRILL HOLE LOG

HOLE NUMBER: AN-2007-06

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG		ASSAY LOG						
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	attitude 1	attitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration		FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																		clast 1	clast 2	size (mm)	angularity	percent (%)	mineral 1													mineral 2
		0.00	24.50					-	-	-	-	chl	i														OVB	OVERBURDEN								
																													broken core, various lithologies including siltstone, breccia; noted chlorite alteration increases with depth.							
		24.50	38.47					m	-	-	-	ser	i	chl	i	pot	w	SLT		1	sa		10	Cl		GN	PK		WBX	ALTERED BRECCIA (W SED 1 ser, chl)						
																													Fe-ich sediment heavily altered. Quartz veinlet average 0.5cm @45°							
																													TCA - 2% of interval. Hematite alteration in clasts.							
												ser	s	chl	i	pot	f													(33.90-34.66) siltstone						
								-	-	-	-	ser	35	chl	30	oxi	m													(34.66-35.17) FAULT - heavily altered breccia (?)						



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-06

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology						WRITTEN LOG	ASSAY LOG																		
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast		Matrix		colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER																
																		clast 1	clast 2	size (mm)	angularity												percent (%)	mineral 1	mineral 2													
																		RD	DK	PK																												
																																					(36.60-36.80) 20% pot(?)											
		38.47	39.42									chl	30	ser	f	pot	w	SLT	1 to 2	an	10	Qz	Cl	BG	LTGY		CRBX												ALTERED CRACKLE BRECCIA (W SED 1 chl, ser)									
																																							Quartz-chlorite matrix, soft sediment deformed biese siltstone, ankeritic (?) clasts.									
		39.42	48.00					t				chl	30	ser	ms	oxi	f	SLT	0.5	sa	15	Se	Cl	PK	DKGN		WBX														ALERED BRECCIA (W SED 1 chl, ser)							
		48.00	58.78	HWC	FWC	20	45					ser	30	chl	30	pot	ms	SLT	1	sr		Cl	Qz				FLT																FAULT					Contact with FW 45° TCA. Potassically altered clasts.
												chl	30	ser	ms		SLT	1	an								VN																	(49.76-50.18) quartz injected (?) in WBX. Quartz, chlorite matrix, potassic siltstone clasts.				
		58.78	65.72	HWC	FWC	45	45			t		ser	30	chl	30	pot	ms	SLT	0.5	sa	15	Cl	Qz	GN	PK		WBX																		ALERED BRECCIA (W SED 1 ser, chl) FW contact 45° alb (?) Qz b Albite (?) quartz blebs in matrix. Oxidation occurs closer to FWc.			
												ser	i	chl	i		SLT	2	sr		Cl	Qz	BG	GY																				(62.12-62.47) WBX clasts are biese - sericite altered (?)				
																																												(64.90-65.72) FLT oxidation increases by approx 10%.				



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-06

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG									
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration				FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																		clast 1	clast 2	size (range) in cm	angularity	percent (%)	mineral 1							mineral 2	clast 1	clast 2	texture (grain)					
								t	-	tw	t			ser	ms	chl	m				1	an					BK	BG			FLT		(93.25-95.00) Fault - black and beige soft sed def siltstone. locally brecciated. * 96.97m -> band of "rotten" Py 2.5cm wide*					
								x	t	t	t			He	x	oxi	w	chl	m								GY	RD					(113.55-129.00) fracture-controlled He "staining" over 25% of interval. Weak specularite. *116.48-> band of carbonate and magnetite . Chlorite 2 cm wide.					
								s	-	-	t			He	i	chl	m	oxi	m												FLT		(125.50-126.20) Faulted siltstone.					
																																		(143.30-175.95) chlorite-sericite altered siltstone. quartz-ankerite-barite (?) stringers over 3% of interval. specs of Py and Cp with 20% of stringer over interval. Weak siliceous alt -> increases toward FW. soft sed def green and beige siltstone. quartz-ankerite-barite(?) veinlet contains 3-5% chalcopyrite, pyrite over 1% of interval - various ° TCA rotten pyrite or hematite with pyrite in stringers. Blebs of pyrite and chalcopyrite over 1-2% of interval (most often with veinlet). shlorite alteration decreases towards FWc.				



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-06

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GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG								
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast			Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	<i>include nature of contacts, additional structure, mineralogy, textures, & alteration</i>				FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																		clast 1	clast 2	size (mm)	shape	angularity	percent (%)							mineral 1	mineral 2	WRITTEN LOG					
								-	-	-	-	ser	s	chl	m											GN		FLT	(168.11-168.33) Faulted siltstone - 50% gouge.								
										tw		ser	s	chl	m												GN		FLT	(171.51-171.92) Faulted siltstone - 20% gouge							

174.51m -> 1cm X 3cm bleb of chalcopyrite in quartz and dolomite, ankerite (?) veinlet 3cm wide



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-06

GRAPHIC LOG		COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)				Breccia				Lithology				WRITTEN LOG	ASSAY LOG									
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	attitude 1	attitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast		Matrix		colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																		clast 1	clast 2	size (mm)	angularity											
								-	-	tw	tw	sil	50	chl	s							GN	WH					(189 20-225.71) Veinlet of quartz-ankerite-barite (?)				
																												of interval. @ 45° TCA average 4cm wide (up to 11cm wide)				
																												over 3-5% veinlet have localized blebs of pyrite.				
																												chalcopyrite. Beige and light green soft sed def				
																												*205 45m bleb of chalcopyrite 3cm X 4cm in veinlet				
																												of quartz and carbonate 8cm wide*				
																												silica alteration decreases towards FW.				



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-06

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology					WRITTEN LOG	ASSAY LOG						
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcocopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (mm)	angularity	percent (%)	mineral 1	mineral 2	colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
								-	-	x	w													BG	WH			VT		(236.20-238.30) siltstone. 80% ankerite and quartz veining 45° TCA.					
								t(?)	-	t	t																			(238.30-259.22) same as 225.71-230.34m veining increasing towards FW					
								w	-	w	t																		*(259.22-259.88) BG SLT with hematite blades (?) (1-2%)*						
																								BK				FLT	(259.22-283.60) Faulted siltstone - 10% gouge. Broken core.						
																													(283.60-293.80) same as 225.71-230.34m						
																													E.O.H. @ 293.80m						



Cash Minerals Ltd.
SYNOPTIC LOG - Cover Sheet

PROPERTY: ANGEL				HOLE NUMBER: AN-2007-07	
SURVEY INFORMATION				DRILL INFORMATION	
<i>Surface Coordinates (metres) surveyed using:</i>				Core Diametre: NQ-2	
EASTING	NORTHING	ELEV.	E.O.H. DEPTH	Casing Depth (m):	6.10 (20 feet) in/out
517409	7186620	929m	340.46m	Drill Machine:	B (Boyles)-20; hydraulic
<i>Collar and Down Hole Survey</i>				Drilling Company: Prospector	
DEPTH	AZIMUTH	DIP	METHOD	Drilling Dates: July 19-31, 2007	
collar	086	-46	Brunton	Section: -----	
252.98	082	-46.9	Reflex EZ Shot		
331.32	086	-47.7	Reflex EZ Shot		
				LOGGED BY: Melissa Halpenny (edits by R. Zuran)	

CAPSULATED SUMMARY					
From (m):	To (m):	UNIT	SAMPLE NUMBERS/COMMENTS		
0.00	7.00	OVB	broken SLT		
7.00	51.02	SLT	SLT with DIO/DIA DYs		
51.02	51.83	DY	DIO/DIA?		
51.83	58.06	SLT	soft sed def. localised CR		
58.06	58.45	SLT	calcareous SLT		
58.45	77.97	SLT	calcareous SLT Do, Qz, Ba ST and VT		
77.97	78.76	FLT	broken SLT 10% GO		
78.76	79.23	SLT	calcareous SLT		
79.23	79.85	FLT	50% Ba, 25% GO		
79.85	80.35	SLT	Do and Ba ST and blebs		
80.35	202.65	SLT	calc SLT. Ca, Do VT and ST		
202.65	213.50	SLT	VT and ST grading to mottled patches	G075025	
213.50	267.64	EVA	unique "bladed" texture pseudomorphed gypsum by albite??	G075026 - G075033	
267.64	340.46	SLT	calcareous SLT		
	E.O.H.				

REASON for DRILLING HOLE: to drill gold-barite rock geochemistry anomaly from 2006; also to test the structure along the IPQ & IPG contact.
 REASON for SHUTTING HOLE DOWN: successful intersection, passed through contact.



Cash Minerals Ltd.
DIAMOND DRILL HOLE LOG

HOLE NUMBER: AN-2007-07

Page 1 of 9

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)				Alteration (intensity)					Breccia						Lithology				WRITTEN LOG	ASSAY LOG								
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	attitude 1	attitude 2	hematite	magnetite	pyrite	chalcopyrite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast		Matrix		colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration				FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER	
																		clast 1	clast 2	size (mm)	angularity							percent (%)	mineral 1	mineral 2	FROM (m)					TO (m)
		0.00	7.00										oxi	s								BK	OR				OVB	OVERBUREN siltstone with localized quartz veinlet and localized brecciation. siltstone with localized quartz veinlets and localized brecciation.								
		7.00	51.02					-	-	t	t		oxi	ms	ser	s						BK	WH				SLT	SILTSTONE Ak and Qz VT av. 1 cm wide @ 20-30° TCA over 1% of interval. (7.85-42.90) bedding 30° TCA -> black siltstone, sericite, oxidation over 60% of interval. Weak soft sed def in bedding.								
				BD	30								ser	s	oxi	ms	sil (?)	f																		
								w	-	t	t		ser	m	sil ?	f	chl	w				GY				DY			(32.69-32.86) DIO (?) clasts (av. 0.5cm wide) over 7% of interval. Chlorite, sericite altered (xenoliths) weak oxidation.							



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-07

GRAPHIC LOG		COMPUTER LOG		Structure				Minerals (%)					Alteration (intensity)					Breccia							Lithology					WRITTEN LOG	ASSAY LOG								
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcocpyrite	jasperite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast				Matrix			colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration				FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																			cbst 1	cbst 2	size (average) cm	angularity	percent (%)	mineral 1	mineral 2														
								w	-	t	-		ser	m	chl	w							GY			DY		(36.55-36.71), (38.51-38.63), (38.80-38.90), (41.99-42.11), (43.35-43.46) DIO (?) clasts, ser and chl altered xenoliths av. 0.25cm wide. Phenocrysts get bigger towards centre of dyke.											
								-	-	-	-	chl	m	oxi	f								DKGY			FLT		(45.75-46.34) Fault with 10-20% gouge											
								-	-	-	-	oxi	f	chl	f								GN	DKGY		FLT		(49.17-49.86) Fault with 10% gouge											
		51.02	51.83					t?	m	-	-	w?	ser	s	sil?	m							GY	WH		DY	DIO	DIORITE / DIABASE (?) Dolomite stringers. Dio, Qz VT av. 1cm wide @ 60° TCA- over 1% of interval. Fine grained -> diabase?											
		51.83	58.06					t	-	-	-	ser	s	oxi	f	chl	w						BK	WH		SLT	SILTSTONE Crackle breccia @ HW contact (for 5cm). Soft sed def localised. Crackled, Quartz-dolomite matrix.												
		58.06	58.45					s	-	-	-	hem	s	chl	f	oxi	m						BK	GY		SLT	SILTSTONE calcarious - baritic?												



Cash Minerals Ltd.

HOLE NUMBER: AN-2007-07

Page 3 of 9

GRAPHIC LOG	COMPUTER LOG		Structure		Minerals (%)					Alteration (intensity)					Breccia					Lithology					WRITTEN LOG <i>include nature of contacts, additional structure, mineralogy, textures, & alteration</i>	ASSAY LOG																			
	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	arsenite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	clast 1	clast 2	size (length) in cm	angularity	percent (%)	matrix mineral 1		matrix mineral 2	colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER									
		58.45	77.97					f	tw	-	-		hem	w	sil	w	oxi	w								GY	WH			SLT								SILTSTONE Calcareous siltstone. Dolomite, quartz, barite stringers and veinlets average 1cm wide @ 45-70° TCA over 15% of interval. 10% hematite of stringers and veinlets.							
		77.97	78.76					-	-	-	-		oxi	s												GY	OR		GO	FLT									FAULT broken SLT. 10% GO						
		78.76	79.23					m	tw	-	-		hem	m												GY	WH			SLT									SILTSTONE same as 58.45-77.97m moderate hematization.						
		79.23	79.85					s	-	-	-		hem	s	oxi	w										PK	WH		GO	FLT									FAULT 25% gouge. 50% Barite.						
		79.85	80.35					s	-	-	-		hem	s	oxi	w										PK	WH			SLT										SILTSTONE Do, Ba ST and blebs over 5% of interval					
		80.35	202.65					m	-	-	t		car?	s	oxi	f	hem	m								GY	WH			SLT												Dolomite, barite?, minor quartz stringers and veinlets average 1cm wide @ 45-90° TCA over 7% of interval. 20% of ST and VT are hematized. Black carbon stringers over 1% of interval. Calcareous siltstone. Soft sed def increases towards FW.			
																										GY	OR			FLT														(80.40-81.18) broken core. 5% gouge.	
																										GY	PK	OR		FLT															(81.38-81.67) broken core. 7% gouge.
																																											(88.92-135.40) stringers and veinlets decrease to 2% of interval. soft sed def increases stringers and veinlets become "blebby".		



GRAPHIC LOG		COMPUTER LOG		Structure		Minerals (%)				Alteration (intensity)				Breccia					Lithology					WRITTEN LOG	ASSAY LOG										
GRAPHICS	Scale (m)	FROM (m)	TO (m)	structure 1	structure 2	altitude 1	altitude 2	hematite	magnetite	pyrite	chalcopyrite	jasperite	type 1	intensity 1	type 2	intensity 2	type 3	intensity 3	Clast				Matrix		colour 1	colour 2	texture (grain)	texture	modifier	ROCK CODE	include nature of contacts, additional structure, mineralogy, textures, & alteration	FROM (m)	TO (m)	WIDTH (m)	SAMPLE NUMBER
																			clast 1	clast 2	size (average) (mm)	angularity	percent (%)	mineral 1											
													oxi	m									OR	DKGY		FLT		(155.46-156.20) broken core							
													oxi	m									OR	DKGY		FLT		(159.28-160.74) broken core - 10% gouge							

APPENDIX 3:
Technical Logs

YUKON URANIUM PROJECT GEOPHYSICAL FIELD LOG

Logger: Mohsen K., Varun B.

Property: ANGEL

Page: 1

Date: June 15 and 16, 2007

Hole: AN-2007-03

Instruments Used

Blocks		RADIOMETRICS (CPS)			MAGNETICS (SI)			notes:
From (m)	To (m)	Low	High	Average	Low	High	Average	
0.00	2.13	139	189	164				
2.13	5.18	137	202	170				
5.18	8.23	134	205	170				
8.23	11.28	129	193	161				
11.28	14.33	136	199	168				
14.33	17.36	128	190	159				
17.36	20.42	132	189	161				
20.42	23.47	138	192	165				
23.47	26.52	132	197	165				
26.52	29.57	137	198	168				
29.57	32.61	137	228	183				
32.61	35.66	135	210	173				
35.66	38.71	138	208	173				
38.71	41.76	134	192	163				
41.76	44.81	138	196	167				
44.81	47.85	129	203	166				
47.85	50.90	128	186	157				
50.90	53.98	126	213	170				
53.98	57.00	133	192	163				
57.00	60.05	133	201	167				
60.05	63.09	135	205	170				*** Drillers made error
63.09	66.14	136	200	168				
66.14	69.19	157	209	183				
69.19	72.24	156	216	186				
72.24	75.29	167	228	198				
75.29	78.33	174	218	196				
78.33	81.38	128	231	180				
81.38	84.43	167	218	193				
84.43	87.48	172	238	205				
87.48	90.53	160	234	197				
90.53	93.57	164	230	197				
93.57	96.62	158	230	194				
96.62	99.67	158	223	191				
99.67	102.72	157	221	189				
102.72	105.77	147	225	186				
105.77	108.81	157	219	188				
108.81	111.86	169	232	201				
111.86	114.91	172	227	200				
114.91	117.96	169	202	186				
117.96	121.01	168	198	183				
121.01	124.05	178	235	207				
124.05	127.10	179	231	205				
127.10	130.15	182	226	204				
130.15	133.20	176	225	201				
133.20	136.25	157	216	187				
136.25	139.29	169	237	203				
139.29	142.34	147	227	187				
142.34	145.39	146	220	183				
145.39	148.44	147	225	186				
148.44	151.49	144	221	183				
151.49	154.53	142	208	175				
154.53	157.58	154	212	183				
157.58	160.62	140	212	176				
160.62	163.68	165	215	190				
163.68	166.73	151	217	184				
166.73	169.77	149	215	182				
169.77	172.82	154	218	186				
172.82	175.87	151	220	186				
175.87	178.92	152	212	182				
178.92	181.97	169	220	195				
181.97	185.01	157	225	191				
185.01	188.06	155	227	191				
188.06	191.11	159	235	197				
191.11	194.16	150	225	188				
194.16	197.21	139	207	173				
197.21	200.25	145	199	172				
200.25	203.30	119	195	157				
203.30	206.35	124	216	170				
206.35	209.40	142	207	175				
209.40	212.45	136	215	176				
212.45	215.49	157	235	196				
215.49	218.54	117	215	166				
218.54	221.59	118	215	167				
221.59	224.64	119	177	148				
224.64	227.69	120	185	153				
227.69	230.73	122	182	152				
230.73	233.78	117	180	149				
233.78	236.83	127	186	157				
236.83	239.88	122	187	155				
239.88	242.93	112	175	144				

Logger: Mohsen K., Varun B.

Property: ANGEL

Page: 2

Date: 17-Jun-07

Hole: AN-2007-03

Instruments Used

Scint: RS-120 #1034

Mag:

Blocks		RADIOMETRICS (CPS)			MAGNETICS (SI)			notes:
From (m)	To (m)	Low	High	Average	Low	High	Average	
242.93	245.97	136	172	154				
245.97	249.02	128	169	149				
249.02	252.07	127	178	153				
252.07	255.12	126	179	153				
255.12	258.17	128	181	155				
258.17	261.21	147	185	166				
261.21	264.26	137	171	154				
264.26	267.31	138	185	162				
267.31	270.36	142	189	166				
270.36	273.41	140	178	159				
273.41	276.45	131	189	160				
276.45	279.50	134	182	158				
279.50	282.55	149	197	173				
282.55	285.60	178	232	205				
285.60	288.65	182	238	210				
288.65	291.69	173	239	206				
291.69	294.74	174	236	205				
294.74	297.79	179	232	206				
297.79	300.84	175	226	201				
300.84	303.89	170	235	203				
303.89	306.93	190	239	215				
306.93	309.98	176	237	207				
309.98	313.03	140	205	173				
313.03	316.08	138	195	167				
316.08	319.13	155	221	188				
319.13	322.17	165	225	195				
322.17	325.22	158	200	179				
325.22	328.27	153	203	178				
328.27	331.32	158	202	180				
331.32	334.37	155	204	180				
334.37	337.41	157	210	184				
337.41	340.46	160	217	189				
340.46	343.51	154	197	176				
343.51	346.56	161	215	188				
346.56	349.61	156	214	185				
349.61	352.65	141	210	176				
352.65	355.70	159	205	182				



Cash Minerals Ltd.
GEOTECHNICAL LOG

Logger: Mohsen K., Varun B., and Melissa H.
Date: June 14 and 16, 2007

Property: ANGEL

Hole: AN-2007-03
Page: 1 & 2

Blocks		GEOTECHNICAL						JOINTS/FRACTURES					INTERVAL (m)	notes:	
From (m)	To (m)	RECOVERY		RQD		Breakage	Weathering	Hardness	Frequency	Attitude	Shape	Roughness			Infilling
		(m)	%	(m)	%										
0.00	2.13	1.12	52.6%	0.00	0.0%	7 SW	S	0.0	-	-	-	-	2.13		
2.13	5.18	2.56	83.9%	1.60	52.5%	8 SW	S	0.3	10	5	3	A	3.05		
5.18	8.23	3.02	99.0%	2.01	65.9%	12 SW	S	1.6	V	5	3	A	3.05		
8.23	11.28	2.84	93.1%	1.50	49.2%	9 SW	S	3.0	20	5	3	A	3.05		
11.28	14.33	3.08	101.0%	2.15	70.5%	13 SW	S	3.0	V	5	3	A	3.05		
14.33	17.36	2.95	97.4%	1.11	36.6%	8 SW	S	4.3	30	5	3	A	3.03		
17.36	20.42	3.18	103.9%	2.04	66.7%	10 SW	S	5.2	V	5	3	A	3.06		
20.42	23.47	2.98	97.7%	2.37	77.7%	13 SW	S	2.6	20	5	3	A	3.05		
23.47	26.52	3.01	98.7%	2.31	75.7%	14 SW	S	2.0	V	5	3	A	3.05		
26.52	29.57	2.97	97.4%	2.15	70.5%	14 SW	S	3.3	V	5	3	A	3.05		
29.57	32.61	2.93	96.4%	1.97	64.8%	13 SW	S	4.3	V	5	3	A	3.04		
32.61	35.66	3.08	101.0%	2.08	68.2%	14 SW	S	2.3	V	5	3	A	3.05		
35.66	38.71	2.99	98.0%	2.18	71.5%	13 SW	S	2.0	V	5	3	A	3.05		
38.71	41.76	3.01	98.7%	1.86	61.0%	13 SW	S	2.9	V	5	3	A	3.05		
41.76	44.81	2.99	98.0%	1.36	44.6%	10 SW	S	5.6	V	5	3	A	3.05		
44.81	47.85	2.82	92.8%	1.03	33.9%	3 SW	S	3.3	V	5	3	A	3.04		
47.85	50.90	3.09	101.3%	1.15	37.7%	7 SW	S	4.9	V	5	3	A	3.05		
50.90	53.98	3.05	99.0%	2.42	78.6%	12 SW	S	2.6	V	5	3	A	3.08		
53.98	57.00	3.05	101.0%	1.63	54.0%	9 SW	S	2.6	V	5	3	A	3.02		
57.00	60.05	2.84	93.1%	2.06	67.5%	13 SW	S	2.6	V	5	3	A	3.05		
60.05	63.09	-	-	-	-	-	-	-	-	-	-	-	3.04	*** Drillers made error	
63.09	66.14	3.10	101.6%	0.92	30.2%	7 SW	S	3.3	V	5	3	A	3.05		
66.14	69.19	3.07	100.7%	1.54	50.5%	10 SW	S	3.6	V	5	3	A	3.05		
69.19	72.24	2.99	98.0%	2.78	91.1%	14 SW	S	1.6	V	5	3	A	3.05		
72.24	75.29	3.08	101.0%	2.57	84.3%	14 SW	S	2.3	V	5	3	A	3.05		
75.29	78.33	2.92	96.1%	2.35	77.3%	14 SW	S	2.3	V	5	3	A	3.04		
78.33	81.38	3.22	105.6%	2.65	86.9%	13 SW	S	2.6	V	5	3	A	3.05		
81.38	84.43	3.02	99.0%	2.43	79.7%	13 SW	S	2.3	V	5	3	A	3.05		
84.43	87.48	3.03	99.3%	2.54	83.3%	13 FR	VS	1.0	V	5	3	A	3.05		
87.48	90.53	3.09	101.3%	3.01	98.7%	14 FR	VS	1.3	V	5	3	A	3.05		
90.53	93.57	2.95	97.0%	2.43	79.9%	12 SW	VS	2.6	V	5	4	A	3.04		
93.57	96.62	3.17	103.9%	1.96	64.3%	9 SW	VS	2.3	V	5	3	A	3.05		
96.62	99.67	2.80	91.8%	2.19	71.8%	12 SW	VS	2.3	V	5	3	A	3.05		
99.67	102.72	2.99	98.0%	1.84	60.3%	11 SW	VS	3.3	V	5	4	A	3.05		
102.72	105.77	3.05	100.0%	1.97	64.6%	13 SW	VS	1.6	V	5	4	A	3.05		
105.77	108.81	2.94	96.7%	2.36	77.6%	13 SW	VS	2.6	V	5	4	A	3.04		
108.81	111.86	2.86	93.8%	1.70	55.7%	12 SW	S	3.3	V	5	3	A	3.05		
111.86	114.91	2.94	96.4%	1.78	58.4%	8 MW	S	1.7	V	5	4	A	3.05		
114.91	117.96	3.05	100.0%	2.10	68.9%	13 FR	S	1.6	V	5	3	A	3.05		
117.96	121.01	2.80	91.8%	1.33	43.6%	6 SW	MS	4.3	30	5	3	A	3.05		
121.01	124.05	2.77	91.1%	2.13	70.1%	10 SW	S	1.6	V	5	4	A	3.04		
124.05	127.10	2.98	97.7%	1.79	58.7%	11 FR	S	3.9	V	5	3	A	3.05		
127.10	130.15	2.87	94.1%	1.22	40.0%	6 FR	S	1.6	V	5	4	A	3.05		
130.15	133.20	2.88	94.4%	1.64	53.8%	7 FR	MS	2.0	40	5	4	A	3.05		
133.20	136.25	2.92	95.7%	1.92	63.0%	SW	S	3.0	V	5	3	A	3.05		
136.25	139.29	2.94	96.7%	1.93	63.5%	SW	S	3.3	V	5	3	A	3.04		
139.29	142.34	2.96	97.0%	1.04	34.1%	SW	S	3.0	V	5	3	A	3.05		
142.34	145.39	2.95	96.7%	1.65	54.1%	SW	S	2.3	V	5	3	A	3.05		
145.39	148.44	2.98	97.7%	1.44	47.2%	SW	VS	2.6	V	5	3	A	3.05		
148.44	151.49	2.94	96.4%	0.98	32.1%	SW	S	2.0	V	5	4	A	3.05		
151.49	154.53	2.98	98.0%	1.86	61.2%	SW	MS	1.6	V	5	3	A	3.04		
154.53	157.58	2.89	94.8%	1.40	45.9%	SW	MS	5.6	V	5	3	A	3.05		
157.58	160.62	2.96	97.4%	1.21	39.8%	FR	MS	5.9	V	5	3	A	3.04		
160.62	163.68	3.02	98.7%	1.35	44.1%	FR	S	3.9	V	5	4	A	3.06		
163.68	166.73	2.96	97.0%	1.92	63.0%	SW	S	3.6	V	5	4	A	3.05		
166.73	169.77	2.81	92.4%	0.78	25.7%	SW	MS	4.9	V	5	3	A	3.04		
169.77	172.82	2.91	95.4%	1.75	57.4%	SW	MS	4.9	V	5	3	A	3.05		
172.82	175.87	2.85	93.4%	1.91	62.6%	FR	MS	3.6	V	5	3	A	3.05		
175.87	178.92	2.97	97.4%	1.05	34.4%	SW	S	6.6	V	5	4	A	3.05		
178.92	181.97	2.85	93.4%	1.99	65.2%	SW	MS	4.6	V	5	3	A	3.05		
181.97	185.01	2.98	98.0%	1.63	53.6%	FR	MS	5.3	V	5	3	A	3.04		
185.01	188.06	2.99	98.0%	1.54	50.5%	FR	MS	4.9	V	5	3	A	3.05		
188.06	191.11	2.79	91.5%	1.27	41.6%	FR	MS	4.6	V	5	3	A	3.05		
191.11	194.16	2.89	94.8%	1.25	41.0%	SW	MS	3.0	V	5	3	A	3.05		
194.16	197.21	2.95	96.7%	1.03	33.8%	SW	S	5.3	V	5	3	A	3.05		
197.21	200.25	2.89	95.1%	1.36	44.7%	SW	S	4.9	V	5	3	A	3.04		
200.25	203.30	2.92	95.7%	1.12	36.7%	SW	S	3.0	V	5	3	A	3.05		
203.30	206.35	2.96	97.0%	1.02	33.4%	SW	MS	4.3	V	5	4	A	3.05		
206.35	209.40	2.95	96.7%	1.50	49.2%	SW	MS	3.6	V	5	3	A	3.05		
209.40	212.45	2.82	92.5%	0.95	31.1%	FR	MS	3.9	V	5	3	A	3.05		
212.45	215.49	2.78	91.4%	0.62	20.4%	FR	MS	3.0	V	5	3	A	3.04		
215.49	218.54	2.75	90.2%	0.44	14.4%	SW	MS	1.3	V	5	5	A	3.05		
218.54	221.59	2.68	87.9%	0.83	27.2%	SW	W	3.3	V	5	3	A	3.05		
221.59	224.64	2.78	91.1%	0.98	32.1%	SW	W	5.3	V	5	3	A	3.05		
224.64	227.69	2.93	96.1%	2.01	65.9%	SW	MS	2.3	V	5	3	A	3.05		



GEOTECHNICAL LOG

Logger: Mohsen K., Varun B., and Melissa H.

Property: ANGEL

Hole: AN-2007-03

Date: 17-Jun-07

Page: 3

Blocks		GEOTECHNICAL						JOINTS/FRACTURES					INTERVAL (m)	notes:
From (m)	To (m)	RECOVERY		RQD		Breakage	Weathering	Hardness	Frequency	Attitude	Shape	Roughness		
		(m)	%	(m)	%									
242.93	245.97	3.04	100.0%	1.95	64.1%	12 SW	MS	3.0	V	5	3		3.04	
245.97	249.02	3.02	99.0%	2.28	74.8%	13 SW	MS	3.0	V	5	4	A	3.05	
249.02	252.07	3.07	100.7%	2.07	67.9%	13 FR	MS	3.0	V	5	4	A	3.05	
252.07	255.12	2.94	96.4%	0.97	31.8%	11 FR	MS	3.6	V	5	4	A	3.05	
255.12	258.17	2.93	96.1%	1.39	45.6%	10 FR	S	3.9	V	5	5	A	3.05	
258.17	261.21	3.01	99.0%	2.33	76.6%	11 FR	MS	2.6	V	5	3	A	3.04	
261.21	264.26	3.00	98.4%	1.72	56.4%	12 FR	MS	3.3	V	5	3	A	3.05	
264.26	267.31	3.01	98.7%	1.57	51.5%	9 FR	MS	4.3	V	5	3	A	3.05	
267.31	270.36	3.03	99.3%	2.22	72.8%	13 FR	MS	2.3	V	5	3	A	3.05	
270.36	273.41	3.07	100.7%	2.61	85.6%	14 FR	MS	2.6	V	5	3	A	3.05	
273.41	276.45	2.97	97.7%	1.96	64.5%	11 FR	MS	3.9	V	5	4	A	3.04	
276.45	279.50	2.88	94.4%	1.68	55.1%	12 FR	MS	4.3	V	5	3	A	3.05	
279.50	282.55	2.94	96.4%	1.95	63.9%	12 SW	MS	3.3	V	5	4	A	3.05	
282.55	285.60	3.07	100.7%	2.78	91.1%	13 FR	MS	1.3	V	5	3	A	3.05	
285.60	288.65	3.00	98.4%	1.58	51.8%	9 SW	S	2.3	V	5	4	A	3.05	
288.65	291.69	2.96	97.4%	2.62	86.2%	13 SW	MS	1.3	V	5	3	A	3.04	
291.69	294.74	2.95	96.7%	1.92	63.0%	12 SW	S	2.6	V	5	4	A	3.05	
294.74	297.79	2.89	94.8%	2.17	71.1%	12 FR	MS	3.3	V	5	4	A	3.05	
297.79	300.84	2.93	96.1%	2.16	70.8%	13 FR	MS	3.6	V	5	4	A	3.05	
300.84	303.89	2.90	95.1%	1.70	55.7%	12 FR	MS	4.3	V	5	4	A	3.05	
303.89	306.93	2.85	93.7%	1.43	47.0%	12 FR	MS	4.9	V	5	3	A	3.04	
306.93	309.98	2.90	95.1%	2.07	67.9%	12 FR	MS	3.3	V	5	3	A	3.05	
309.98	313.03	3.04	99.7%	0.69	22.6%	9 SW	W	2.6	V	5	4	A	3.05	
313.03	316.08	2.98	97.7%	2.18	71.5%	13 FR	MS	3.3	V	5	3	A	3.05	
316.08	319.13	2.93	96.1%	1.65	54.1%	12 FR	MS	3.9	V	5	3	A	3.05	
319.13	322.17	2.99	98.4%	1.98	65.1%	13 FR	MS	4.6	V	5	3	A	3.04	
322.17	325.22	2.89	94.8%	1.75	57.4%	13 FR	S	3.0	V	5	3	A	3.05	
325.22	328.27	2.78	91.1%	1.10	36.1%	12 FR	S	3.0	V	5	3	A	3.05	
328.27	331.32	2.88	94.4%	0.89	29.2%	7 FR	MS	3.6	V	5	5	A	3.05	
331.32	334.37	2.87	94.1%	0.99	32.5%	7 FR	MS	3.3	V	5	5	A	3.05	
334.37	337.41	3.07	101.0%	2.45	80.6%	13 FR	W	3.0	V	5	3	A	3.04	
337.41	340.46	3.01	98.7%	2.15	70.5%	12 FR	W	3.9	V	5	3	A	3.05	
340.46	343.51	3.00	98.4%	2.04	66.9%	12 FR	MS	4.6	V	5	4	A	3.05	
343.51	346.56	2.77	90.8%	0.59	19.3%	10 FR	MS	3.6	V	5	3	A	3.05	
346.56	349.61	2.92	95.7%	1.02	33.4%	8 FR	MS	6.9	V	5	4	A	3.05	
349.61	352.65	2.90	95.4%	1.23	40.5%	9 FR	MS	3.9	V	5	4	A	3.04	
352.65	355.70	2.81	92.1%	0.30	9.8%	6 FR	MS	2.0	V	5	4	A	3.05	

APPENDIX 4:
Statement of Expenditures

1. TUANGPHAK KLAIMANEE

of PORT COQUITLAM, B.C.

Phone 604-633-9442

make oath and say that:



1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work, on the following mineral claim(s): (Here list claims on which work was actually done by number and name)

Angel 16 YC 50613
Angel 22 YC 50375
Angel 25 YC 50378

situated at Wind River Claim sheet No. 105215

in the MAYO Mining District, to the value of at least 327,742.80 dollars,

since the 10 day of October 20 06

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Angel 1-20 YC 50598 - YC 50671
Angel 21-30 YC 50374 - YC 50383

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 56).

Drilling - report to follow

Sworn before me at Vancouver this 9 day of August 20 07.

Notary Public

Owner or Authorized Agent

Access to Information and Protection of Privacy Act

The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2703, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-3190

YG(58-00) F2 04/2003



Cash Minerals

Suite 1890 – 1066 West Hastings Street
Vancouver, B.C. V6E 3X1

Telephone: 604-633-9942

Fax: 604-633-9972

AFFIDAVIT

I, Tuangphak Klaimanee, of Port Coquitlam, B.C. make and oath and say:

That to the best of my knowledge the attached Statement of Expenditures for exploration work on Angel 1-20 YC 50598 – YC 50617 and Angel 21 – 30 YC 50374 – YC 50383 is accurate.

Tuangphak Klaimanee

Sworn before me at Vancouver, B.C.

this 9th day of August 2007.



Cash Minerals

9 August 2007

Statement of Expenditures

Group 1 ANGEL 1, 3, 5-10, 15-20, 29-30 YC50598, YC50600, YC50602-YC50607, YC50612-YC50617, YC50382-YC50383
 (work done until Jun 27, 2007)

Group 2 ANGEL 2, 4, 11-14, 21-28 YC50599, YC50601, YC50608-YC50611, YC50374-YC50381
 (work done from June 28 - July 10, 2007)

Labour

	Group 1	Group 2	Total
Damien Foster - Geologist - 4 days June 22, 27, 28, July 1 at \$250/day at 25%	\$125.00	\$125.00	\$250.00
Rick Zuran - Geologist - 3 days June 12, 15, 16 at \$333.33/day at 50%, 25%, 25%	\$333.33		\$333.33
Alexandria Marcotte - Student Geologist - 2 days June 16, 28 at \$200/day	\$200.00	\$200.00	\$400.00
Jamie Keech - Student Geologist - 1 day June 22 at \$200/day	\$200.00		\$200.00
John Fingas - Student Geologist - 3 days June 12 (50%), 13, 22 at \$200/day	\$500.00		\$500.00
Martin Bradshaw - Student Geologist - 4 days July 13, 22 at \$200/day	\$800.00		\$800.00
Mohsen Kamangari - Student Geologist - 1 day June 22 at \$200/day	\$200.00		\$200.00
Lawrence Charebois - Student Geologist - 2 days July 5, 6 at \$200/day		\$400.00	\$400.00

Expenses

Field Room and Board - 49 x \$120/day/person	\$3,600.00	\$2,280.00	\$5,880.00
Fireweed Helicopters	\$11,034.74		\$11,034.74
Trans North Helicopters	\$1,048.23		\$1,048.23
Drilling: Prospector Drilling	\$221,528.95	\$85,167.55	\$306,696.50
	\$239,570.25	\$88,172.55	\$327,742.80

GROUP 1

QUARTZ MINING ACT
APPLICATION TO GROUP MINERAL CLAIMS
LOI SUR L'EXTRACTION DU QUARTZ
DEMANDE DE GROUPEMENT DE CLAIMS MINIERES

Once Date Stamp - Amorce date

Form "B" Number - Numéro du formulaire B Mining District - District minier de Claim Sheet(s) - Feuille(s) de claim Client's Designation for Grouping - Désignation du client pour le groupement

Grant Number Numéro de concession	Claim Name Nom du claim	Column "A" Colonne A	Column "B" Colonne B	Column "C" Colonne C	Column "D" Colonne D	Column "E" Colonne E
YC 50598	Angel 1	5	500			
YC 50600	Angel 3					
YC 50602	Angel 5					
YC 50603	Angel 6					
YC 50604	Angel 7					
YC 50605	Angel 8					
YC 50606	Angel 9					
YC 50607	Angel 10					
YC 50612	Angel 15					
YC 50613	Angel 16			239,570.25	8,000	231,570.25
YC 50614	Angel 17					
YC 50615	Angel 18					
YC 50616	Angel 19					
YC 50617	Angel 20					
YC 50782	Angel 29		500			
YC 50583	Angel 30					
TOTALS - TOTALX	16	5	8,000	239,570.25		

Grant Number
Grant number order

Claim Name
name

Column "A"
Renewal Years Requested
claims can be renewed in only 1 grouping per renewal

Column "B"
Dollars Required
for renewal years in Column "A"

Column "C"
Monies available on work claims
Work monies listed corresponding to claims where work was done, this will be a descending balance if work claim was used in a prior grouping

Column "D"
Dollars used in the grouping for each work claim used

Column "E"
Work monies left to Carry Forward
("C" - "D" = "E")

Numéro de concession
Classer par numéro de concession

Nom de claim
nom

Colonne - A =
Nombre d'années de renouvellement demandé
les claims ne peuvent faire partie que d'un regroupement par renouvellement

Colonne - B =
Montants requis (en \$)
pour les années de renouvellement dans la colonne A

Colonne - C =
Sommes disponibles sur les claims en chantier
Sommes en liste assorties aux travaux correspondant aux claims en chantier. Il s'agit d'un solde descendant si le claim en chantier a été inclus dans un groupement précédemment

Colonne - D =
Sommes utilisées dans le regroupement (en \$)
pour chaque claim en chantier utilisé

Colonne - E =
Sommes associées au travail à reporter (C - D = E)

I (we), the undersigned owner(s) of the above mineral claims give notice of intention to group the said claims for the performance of and do hereby apply under the work provisions of Section 55 of the Quartz Mining Act for a certificate in Form "B".
Je (nous), propriétaire(s) souverain(s) des claims miniers précités vous informons de notre intention de grouper lesdits claims pour l'exécution de travaux en vertu des dispositions de l'article 55 de la Loi sur l'extraction du quartz pour l'obtention d'un certificat (Formulaire "B").

Dated at Whitehorse this 9 day of August 2007
Date à Whitehorse ce 9 jour de August 2007

Owner(s) or Agent(s) Signature(s)
Signature(s) du (des) propriétaire(s) du mandataire(s)
J. Klaiman

The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Recorder's Office, Mineral Resources, Department of Energy, Mines and Resources, Yukon Government, Box 2700, Whitehorse, Yukon Territory, Y1A 2C6 (867) 667-5190

Les renseignements personnels fournis avec les présentes sont recueillis en application de la Loi sur l'extraction du quartz et sont utilisés pour administrer la Loi sur l'extraction du quartz. Les questions au sujet de la collecte et de l'utilisation de ces renseignements peuvent être adressées au Bureau du registraire minier, ministère de l'Énergie, des Mines et des Ressources, Ressources minérales, C.B. 2700, Whitehorse (Yukon), Y1A 2C6, (867) 667-5190.



GROUP 2

QUARTZ MINING ACT
APPLICATION TO GROUP MINERAL CLAIMS
LOI SUR L'EXTRACTION DU QUARTZ
DEMANDE DE GROUPEMENT DE CLAIMS MINIERES

(Blank Box for Stamp or Signature)

Form 75 - Numéro • Numéro du formulaire 8 Mining District • District minier de Claim Sheet(s) • Feuille(s) de claim Client's Designation for Grouping • Désignation du client pour le groupement

Grant Number Numéro de concession	Claim Name Nom du claim	Column "A" Colonne A	Column "B" Colonne B	Column "C" Colonne C	Column "D" Colonne D	Column "E" Colonne E
YC 50599	Angel 2	5	500			
YC 50601	Angel 4					
YC 50609	Angel 11					
YC 50607	Angel 12					
YC 50610	Angel 13					
YC 50611	Angel 14					
YC 50374	Angel 21					
YC 50375	Angel 22			44,086.275	3,500	40,586.275
YC 50376	Angel 23					
YC 50377	Angel 24					
YC 50378	Angel 25			44,086.275	3,500	40,586.275
YC 50379	Angel 26					
YC 50330	Angel 27					
YC 50381	Angel 28		500			
TOTALS • TOTAUX	14	5	7,000	88,172.55		

Grant Number
Grant number order

Claim Name
nom

Column "A"
Renewal Years Requested
claims can be renewed in only 1 grouping per renewal

Column "B"
Dollars Required
for renewal years in Column "A"

Column "C"
Monies available on work claims
Work monies listed corresponding to claims where work was done, this will be a descending balance if work claim was used in a prior grouping

Column "D"
Dollars used in the grouping for each work claim used

Column "E"
Work monies left to Carry Forward
("C" - "D" = "E")

Numéro de concession
Classer par numéro de concession

Nom de claim
nom

Colonne « A »
Nombre d'années de renouvellement demandé
les claims ne peuvent faire partie que d'un regroupement par renouvellement

Colonne « B »
Montants requis (en \$)
pour les années de renouvellement dans la colonne A

Colonne « C »
Sommes disponibles sur les claims en chantier
Sommes en liste assorties aux travaux correspondants aux claims en chantier. Il s'agit d'un solde descendant si le claim en chantier a été inclus dans un regroupement précédemment

Colonne « D »
Sommes utilisées dans le regroupement (en \$)

Colonne « E »
Sommes assorties au travail à reporter (C - D = E)

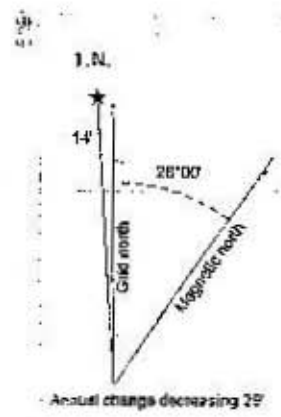
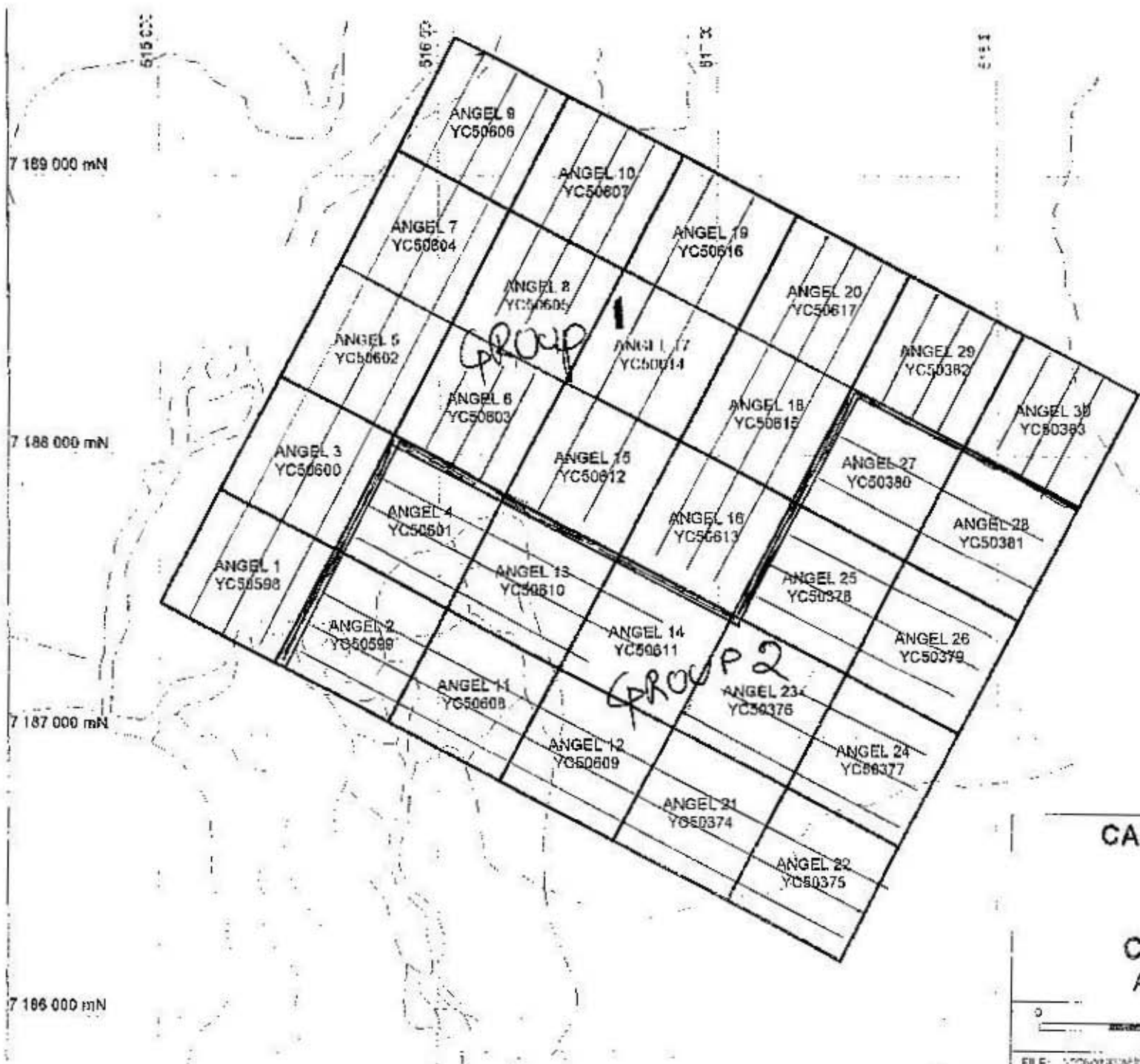
I/we, the undersigned owner(s) of the above mineral claims give notice of intention to group the said claims for the performance of and do hereby apply under the work provisions of Section 55 of the Quartz Mining Act for a certificate in Form "B".
Je (nous), propriétaire(s) sousigné(s) des claims miniers précités vous informons de notre intention de grouper lesdits claims pour l'exécution de travaux en vertu des dispositions de l'article 55 de la Loi sur l'extraction du quartz pour l'obtention d'un certificat (Formulaire « B »).

Dated at Vancouver this 9 day of August 20 07
Daté à Vancouver ce 9 jour de August 20 07

Owner(s) or Agent(s) Signatures(s)
Signature(s) du (des) propriétaire(s) ou mandataire(s)
J. Lefebvre

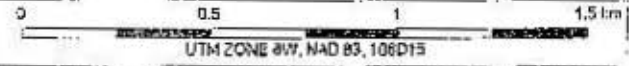
The personal information requested on this form is collected under the authority of and used for the purpose of administering the Quartz Mining Act. Questions about the collection and use of this information can be directed to the Mining Records Office, Mineral Resources, Department of Energy, Mines and Northern Development, Yukon Government, Box 2704, Whitehorse, Yukon Territory Y1A 2C6 (567) 667-3199

Les renseignements personnels fournis dans le présent formulaire sont recueillis en vertu de la Loi sur l'extraction du quartz. Au Yukon, les renseignements personnels sont utilisés à des fins d'administration. Veuillez adresser toute demande au sujet de la collecte ou de l'utilisation de ces renseignements au Bureau du registre minier, ministère de l'Énergie, des Mines et du Développement du Nord, C.P. 2704, Whitehorse (Yukon), Y1A 2C6 (567) 667-3199.



CASH MINERALS LTD.

**CLAIM LOCATION
 ANGEL PROPERTY**



APPENDIX 5:
Petrographic Samples

PETROGRAPHIC REPORT

by VANCOUVER PETROGRAPHICS
John G. Payne, Ph.D., P.Geol.

**Excerpt from Report # 071053
December, 2007**

Thin Section Summaries

Sample AN-2007-03 244.8 m is a porphyritic latite that contains phenocrysts of plagioclase (altered slightly to moderately to K-feldspar and patches of chlorite) in a groundmass of much finer grained plagioclase, K-feldspar, biotite, and ankerite, with disseminated grains of magnetite, muscovite, and pyrite. Two proximal, possibly amygdaloidal patches are of quartz-ankerite-(biotite).

Sample AN-2007-03 247.8 m is a diabase that contains unoriented prismatic plagioclase grains (altered slightly to moderately to sericite) and interstitial patches of pyroxene/hornblende (altered completely to tremolite/actinolite and much less abundant biotite), with disseminated grains of magnetite/ilmenite and of epidote, and patches of biotite-(chlorite). The sample is very similar to the host rock in Z-105.

Sample AN-2007-07 229.6 m is a marble that is dominated by medium to coarse grained ankerite with scattered single grains and patches of quartz and wispy seams and lenses of opaque, in part associated with quartz. Ankerite was recrystallized slightly to much finer subgrain aggregates.

Sample AN-2007-03 244.8 m

Porphyritic Latite
Patches: Quartz-Ankerite-(Biotite)

Phenocrysts of plagioclase (altered slightly to moderately to K-feldspar and patches of chlorite) are set in a groundmass of much finer grained plagioclase, K-feldspar, biotite, and ankerite, with disseminated grains of magnetite, muscovite, and pyrite. Two proximal, possibly amygdaloidal patches are of quartz-ankerite-(biotite).

mineral	percentage	main grain size range (mm)	
phenocrysts			
plagioclase	17-20%	0.7-2.5	(a few up to 4 mm long)
groundmass			
plagioclase	30-35	0.03-0.1	(a few up to 0.2 mm long)
K-feldspar	15-17	0.02-0.05	
biotite	15-17	0.02-0.03	
ankerite	7- 8	0.07-0.15	
muscovite	1- 2	0.02-0.04	
magnetite	1	0.03-0.07	(a few up to 0.12 mm across)
leucoxene	0.3	cryptocrystalline-0.005	
pyrite	0.3	0.05-0.15	
amygdaloidal patches			
quartz-ankerite-(biotite)	1	0.1-0.5	

Plagioclase forms subhedral prismatic phenocrysts, many of which were replaced slightly to moderately, mainly along their rims by K-feldspar. Some phenocrysts contain irregular patches in their cores of microcline showing well developed cross-hatched twinning. Some contain replacement patches up to 0.7 mm in size of chlorite (possibly secondary after biotite) and some contain a few irregular patches of ankerite up to 0.1 mm in size.

A patch 1.2 mm in size consists of a few grains of chlorite and a few smaller ones of biotite.

The groundmass contains scattered zones with unoriented prismatic plagioclase grains up to 0.2 mm long that are intergrown with much finer grained plagioclase, K-feldspar, ankerite, biotite, and muscovite.

Biotite forms equant, irregular grains and clusters of grains with pleochroism from pale to light greenish brown.

Ankerite forms ragged, equant grains.

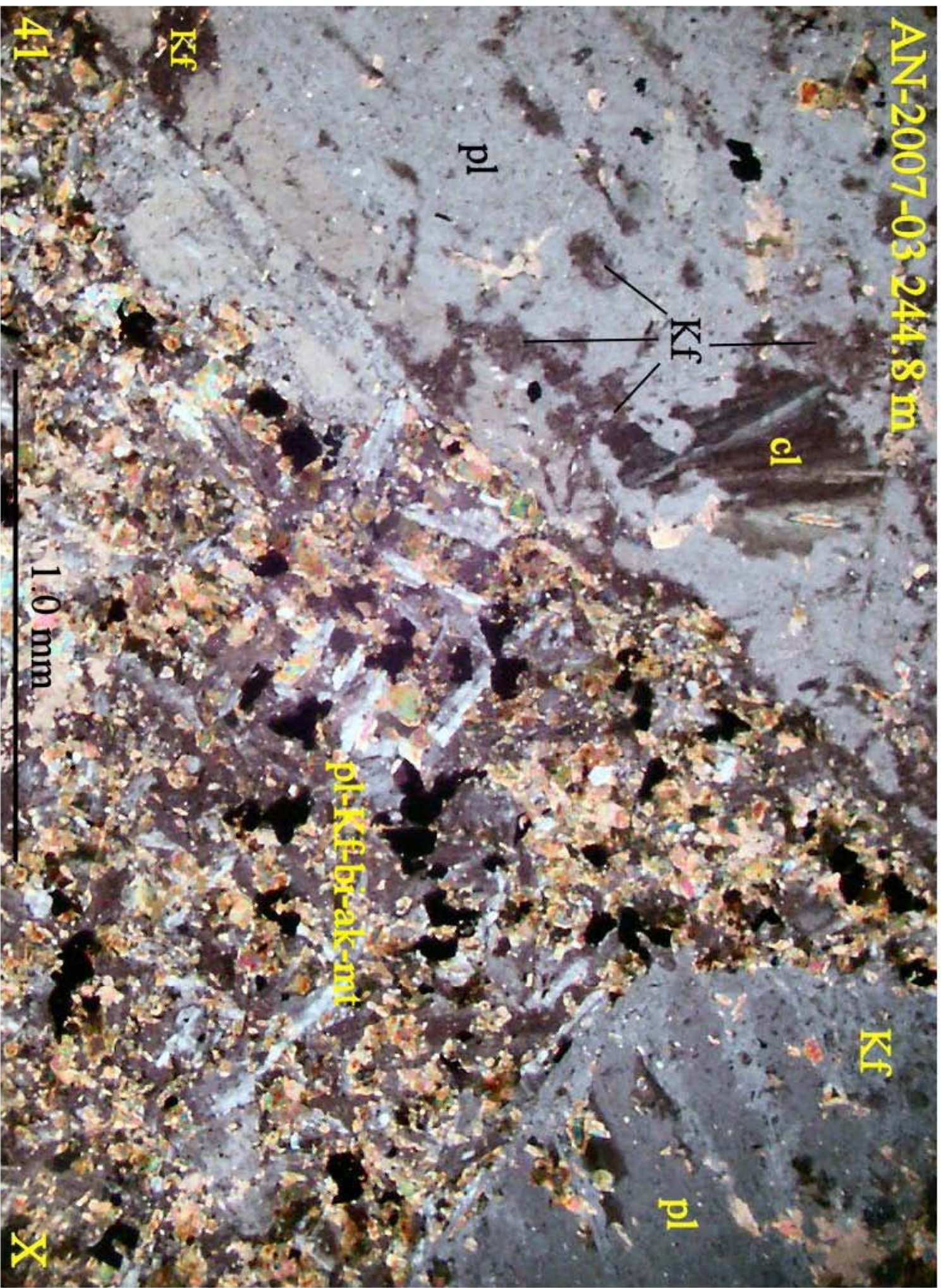
Muscovite forms stubby flakes.

Opaque forms disseminated equant grains, much of which is magnetite, and some of which is pyrite.

Leucoxene forms disseminated, ragged patches up to 0.08 mm in size.

Two proximal amygdaloidal patches up to 1.5 mm across are of coarse intergrowths of quartz and ankerite with scattered grains and clusters of biotite with pleochroism from light to medium/dark greenish brown.

AN-2007-03 244.8 m



Kf

cl

Kf

pl

pl-Kf-bi-ak-mt

Kf

41

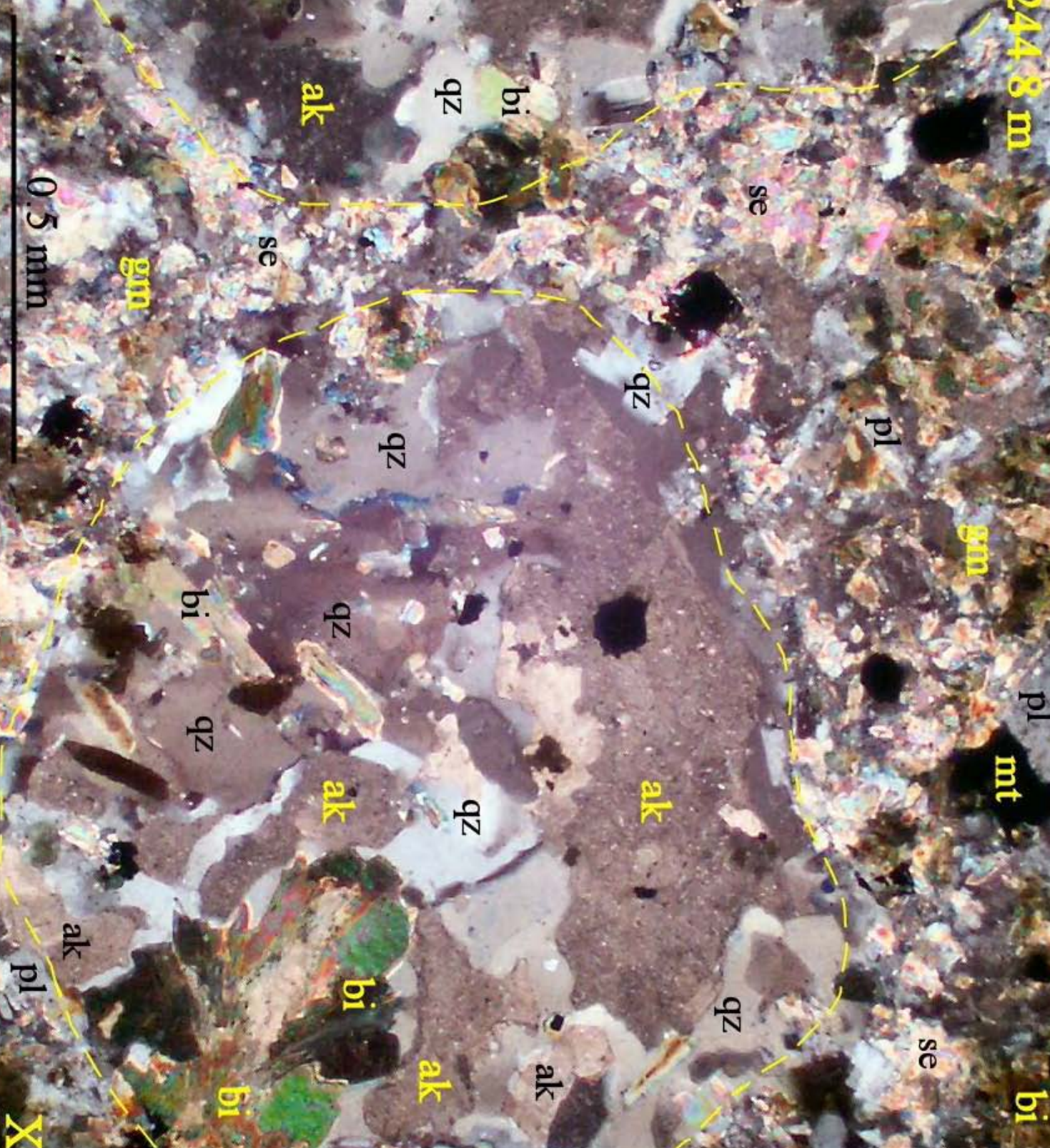
1.0 mm

pl

X

AN-2007-03 244.8 m

42



0.5 mm

X

Sample AN-2007-03 247.8 m Diabase

The sample contains unoriented prismatic plagioclase grains (altered slightly to moderately to sericite) and interstitial patches of pyroxene/hornblende (altered completely to tremolite/actinolite and much less abundant biotite), with disseminated grains of magnetite/ilmenite and of epidote, and patches of biotite-(chlorite). The sample is very similar to the host rock in Z-105.

mineral	percentage	main grain size range (mm)	
plagioclase	60-65%	0.7-1.5	(a few up to 2.5 mm long)
pyroxene/hornblende	25-30	0.5-1.5	
magnetite/ilmenite	3- 4	0.1-0.5	(a few up to 1 mm)
epidote	1- 2	0.1-0.3	(a few up to 0.5 mm)

Plagioclase forms subhedral prismatic grains that were altered moderately to sericite and slightly to subradiating clusters of tremolite. In most grains, alteration is relatively uniform throughout the grains, but in several grains, alteration is concentrated strongly in the core of the grain.

Pyroxene/hornblende forms anhedral to subhedral prismatic grains, in part interstitial to plagioclase. It was altered completely to pale green tremolite/actinolite with ragged flakes and clusters of flakes of slightly darker brownish green biotite.

Magnetite/ilmenite forms disseminated equant, anhedral to subhedral grains. Many have one or two prominent cleavage directions.

Biotite is concentrated in interstitial patches up to 0.5 mm in size between plagioclase grains. Pleochroism is from light to medium brownish green. Associated with a few patches of biotite are patches of chlorite that is pleochroic from pale to light green.

Epidote forms disseminated equant anhedral grains and clusters of a few grains.

AN-2007-03 247.8 m

mt/il

bi

ta-(bi)

pl/(se-tr)

ta-(bi)

bi

pl/(se-tr)

pl/(se-tr)

ta-(bi)

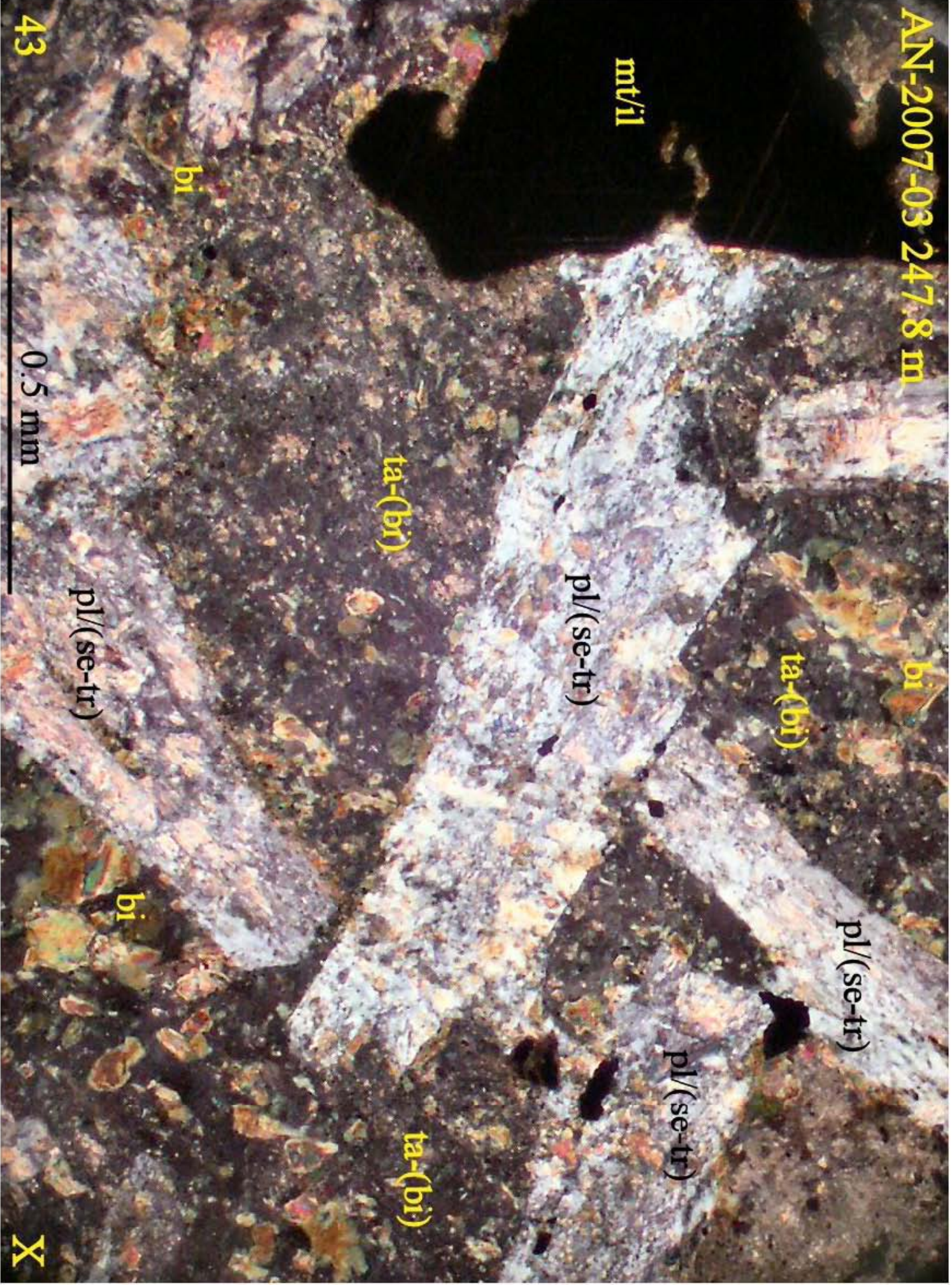
bi

pl/(se-tr)

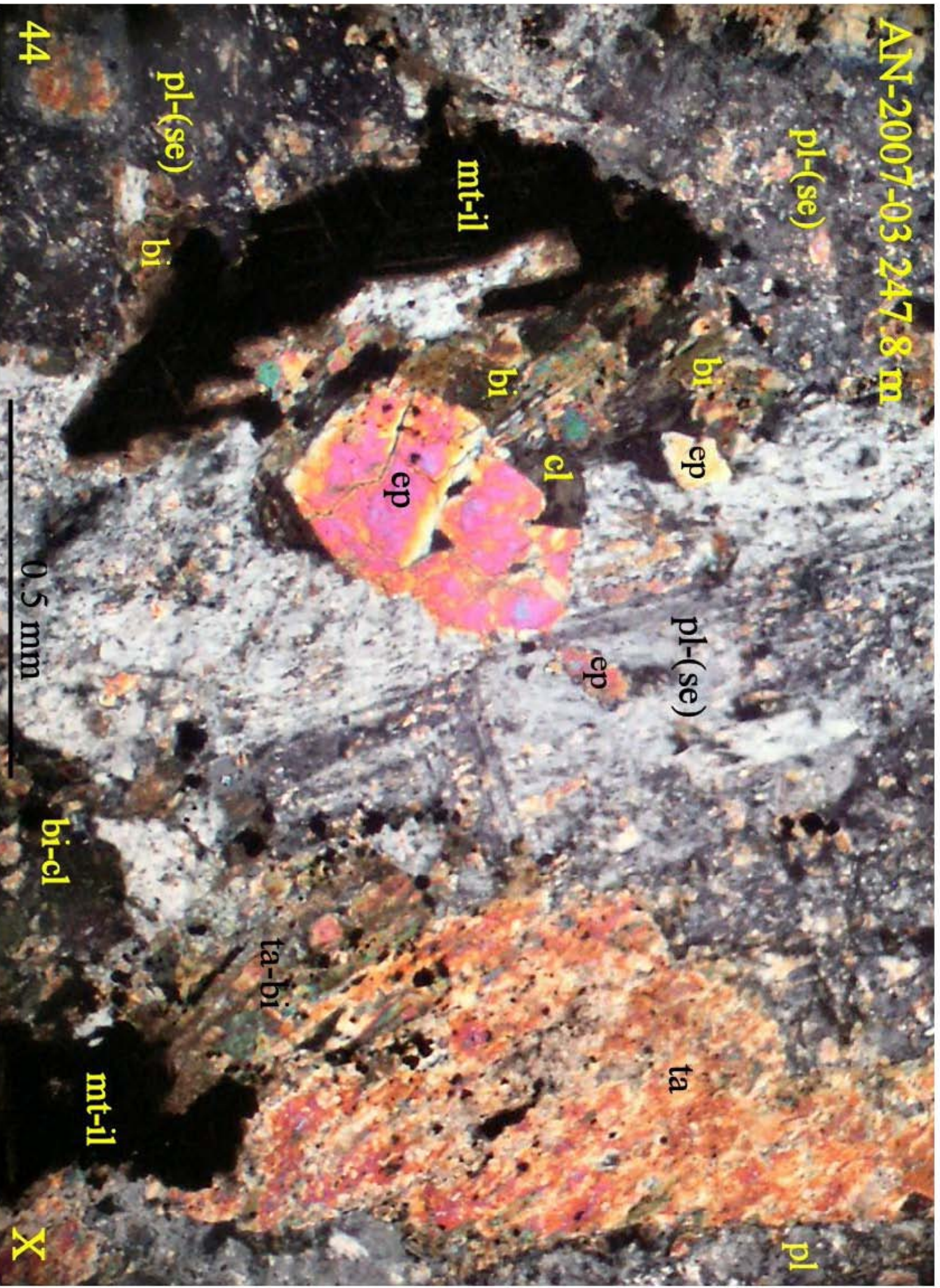
43

0.5 mm

X



AN-2007-03 247.8 m



pl-(se)

mt-il

pl-(se)

bi

bi

ep

bi

cl

ep

pl-(se)

ep

44

0.5 mm

bi-cl

ta-bi

ta

mt-il

pl

X

Sample AN-2007-07 229.6 m

Ankerite-(Quartz) Marble

The section is dominated by medium to coarse grained ankerite with scattered single grains and patches of quartz and wispy seams and lenses of opaque, in part associated with quartz. Ankerite was recrystallized slightly to much finer subgrain aggregates.

mineral	percentage	main grain size range (mm)
ankerite	90-92%	1-2.5 (a few up to 5 mm across)
quartz	5- 7	0.5-1.5 (a few up to 2 mm long)
opaque	2- 3	cryptocrystalline
pyrite	trace	0.05-0.07
sericite	trace	0.02-0.05

Ankerite forms mainly anhedral medium to coarse grains, some of which were recrystallized slightly forming several small grains within the larger grain. A few diffuse patches up to 0.7 mm across are of extremely fine equant grains.

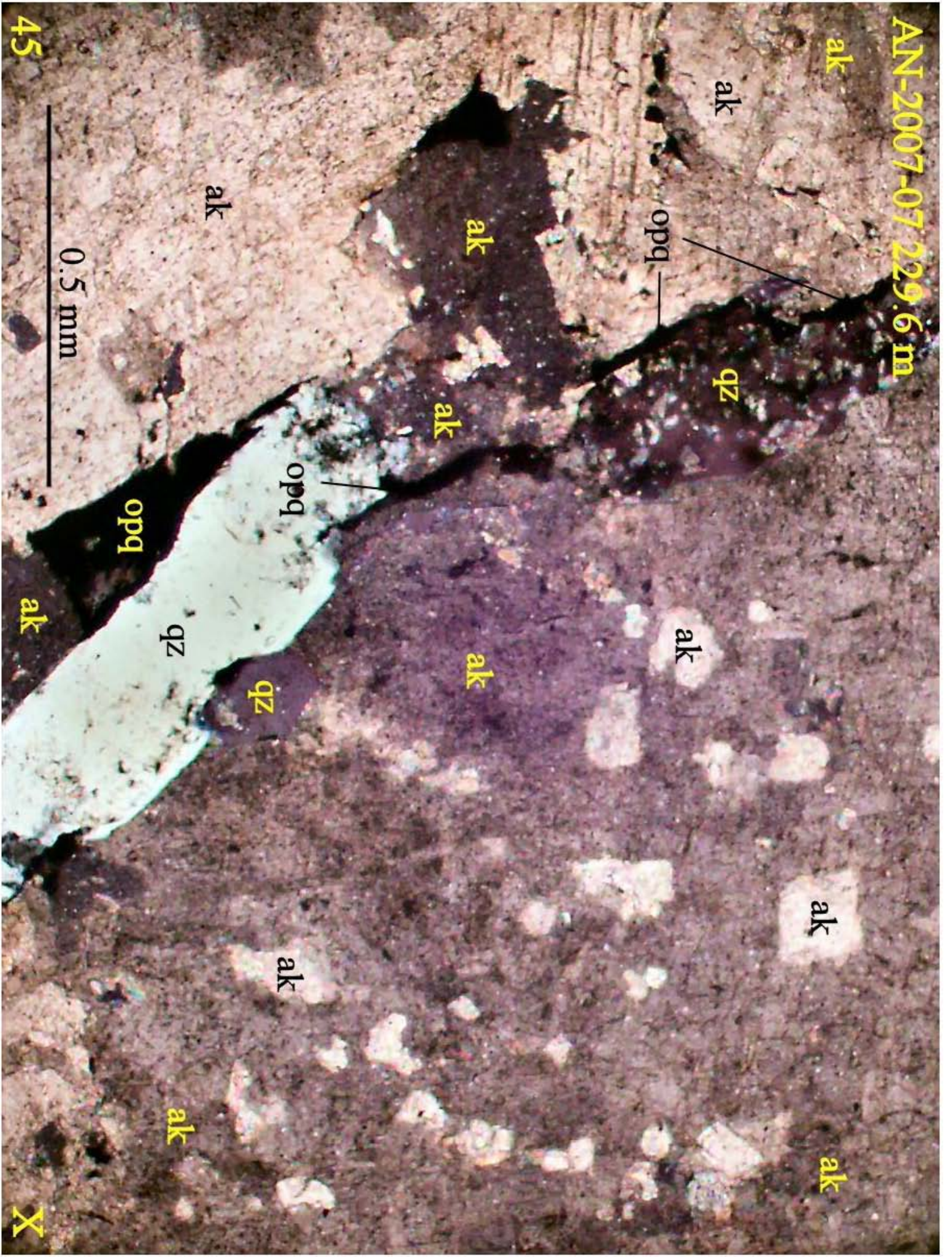
Quartz occurs in two main modes, as single prismatic grains up to 2.5 mm long and in patches up to 1.5 mm across of equant anhedral grains. The latter are mainly near one end of the section.

Non-reflective opaque forms wispy seams and patches mainly less than 0.2 mm across and locally up to 0.6 mm across. Many patches and seams are intergrown with or bordering quartz. Some seams are along ankerite-ankerite grain boundaries.

Pyrite forms a few anhedral equant grains.

Sericite is concentrated slightly in a few patches up to 0.5 mm in size as slender wispy flakes intergrown mainly with ankerite.

AN-2007-07 229.6 m



ak

ak

opq

qz

ak

ak

opq

opq

qz

qz

ak

ak

ak

ak

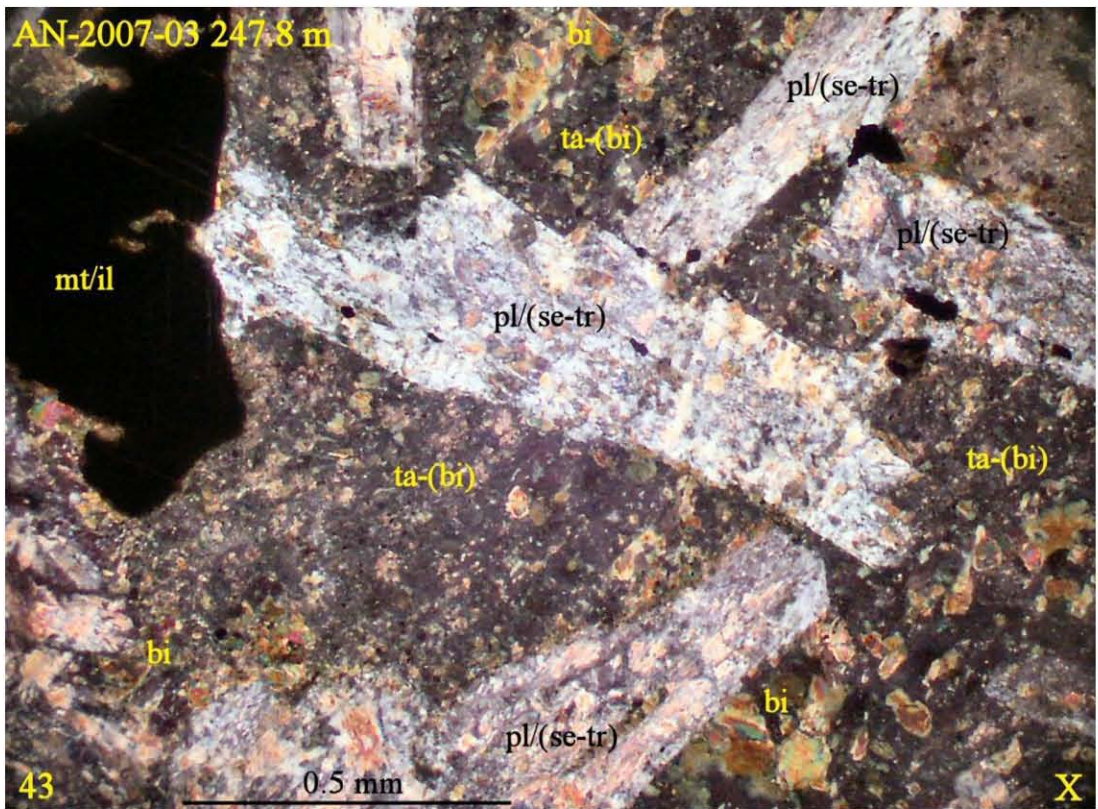
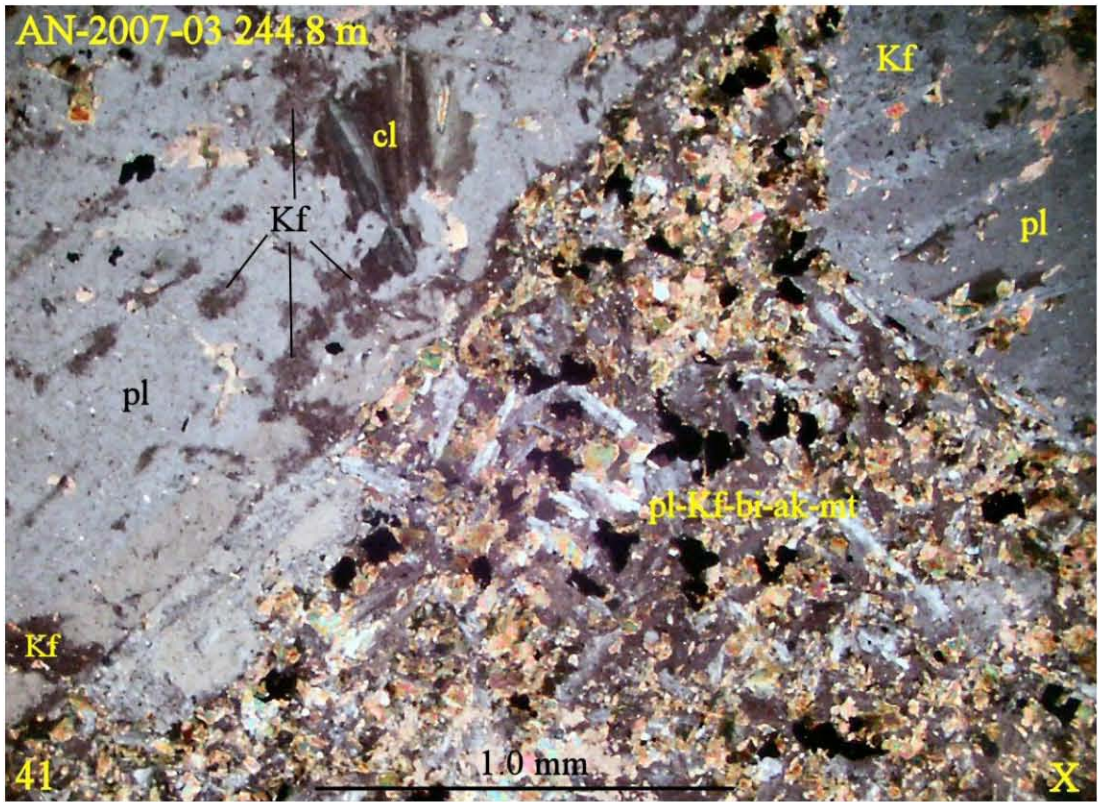
ak

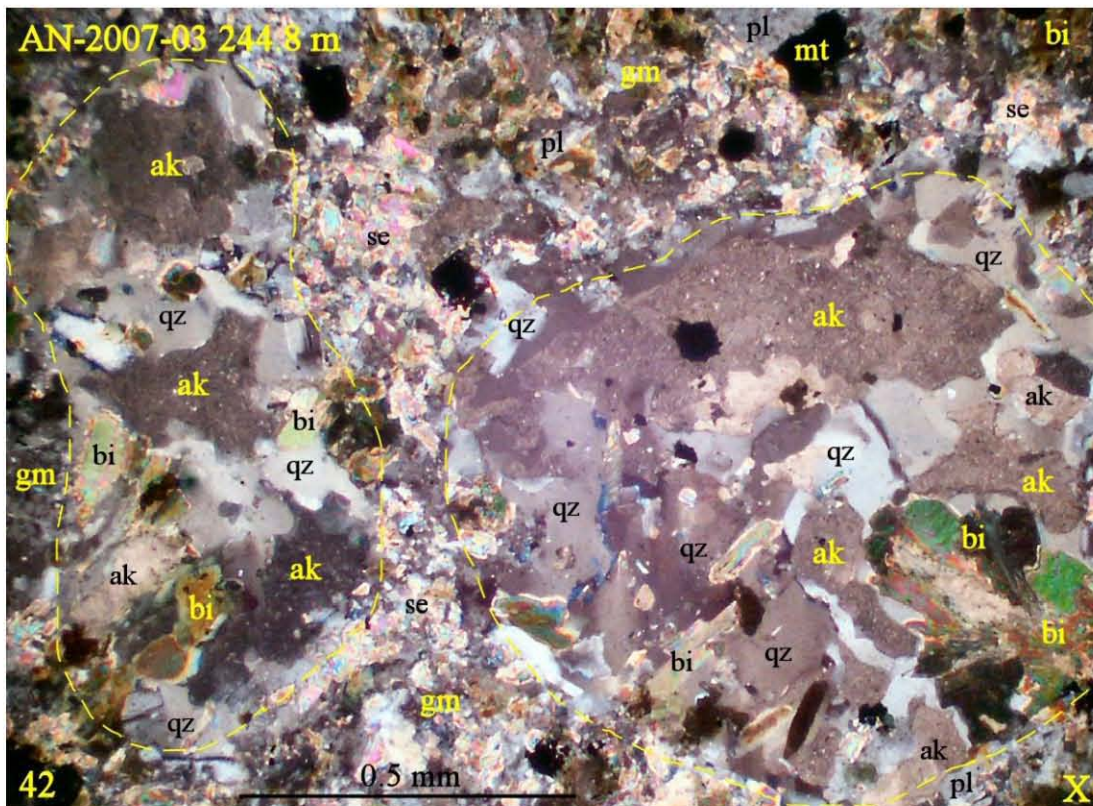
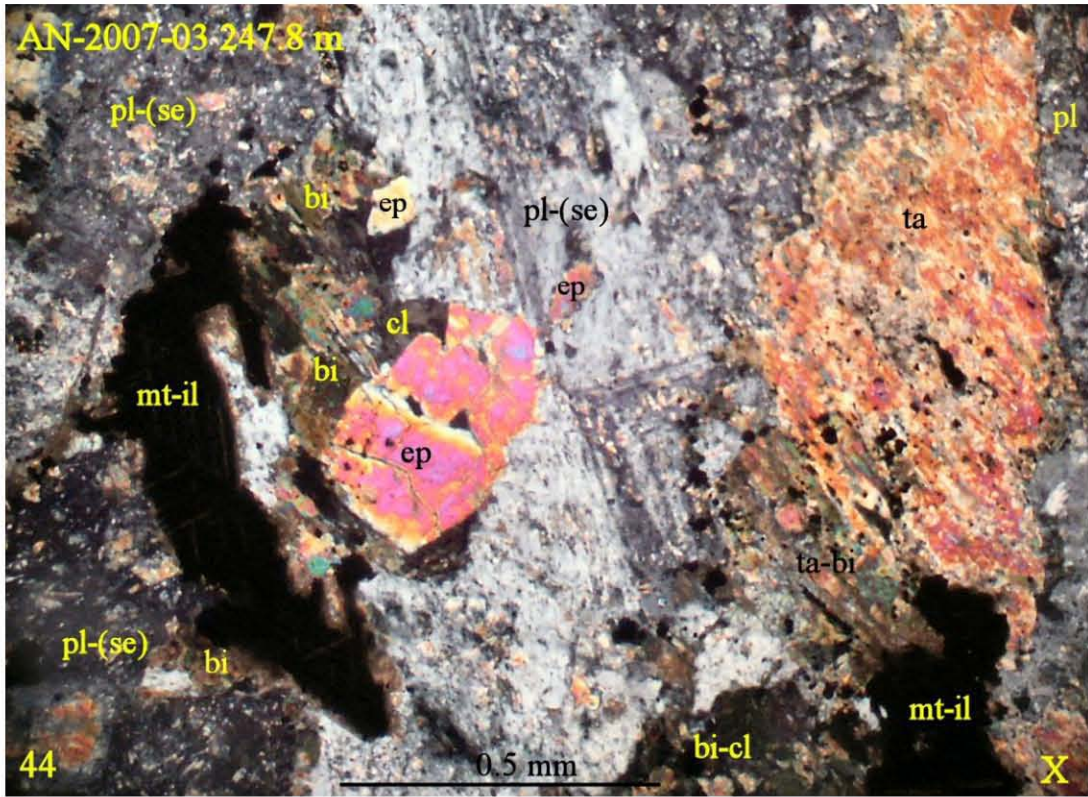
ak

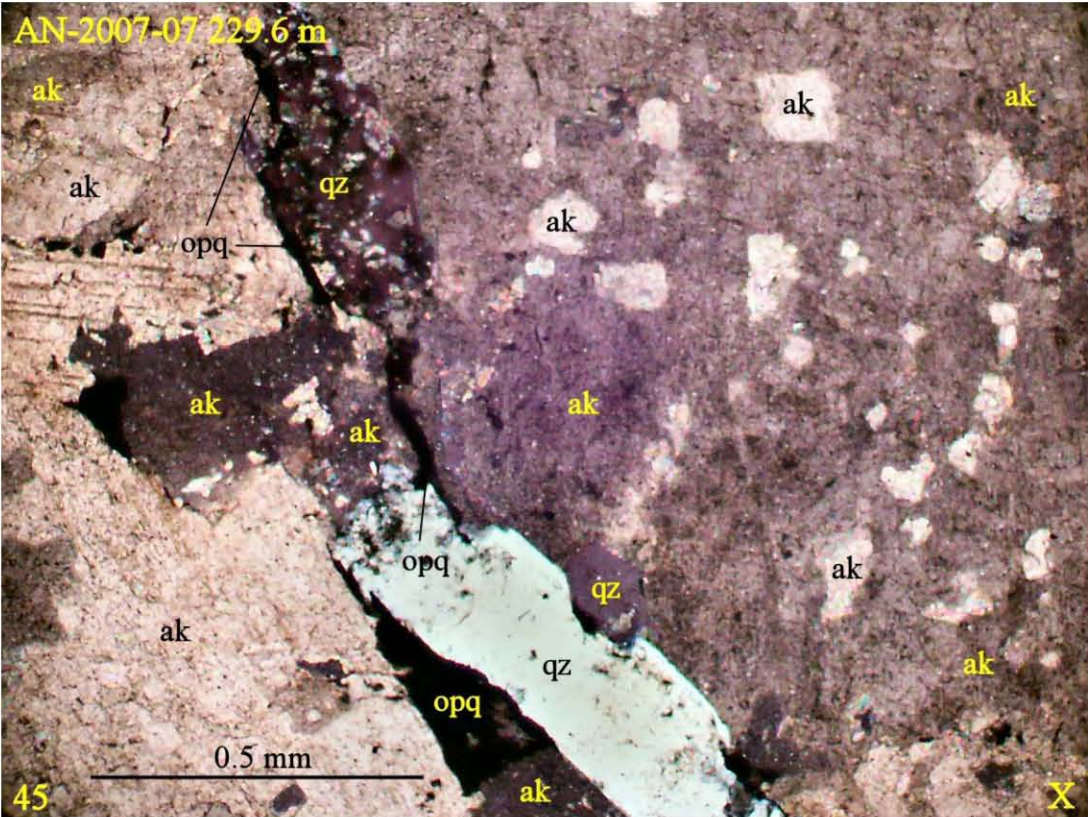
45

0.5 mm

X







APPENDIX 6:
Codes and Abbreviations

STRUCTURE			LITHOLOGY (3 letters-large caps)			MODIFIERS (2 letters-large caps)			ALTERATION (3 letters-small caps)			INTENSITY (1 letter-small caps)			MINERALS (2 letters - 1st large cap, 2nd small cap)		
Type	Attitude	Type	Type	Colour	Texture	Colour	Texture	Additional "Modifiers" can be picked from any category to further describe a lithology; for example: BXA DOL He	alb	albitized	code	description	% range	Type	Type		
AP axial plane	Example: Core Logging: 60 means 60 degrees from the long core axis; Surface Mapping: use the right-hand rule - 135/75 means 135 degrees azimuth with a 75 degree dip to the southwest.	AGG agglomerate	GAB gabbro	Always put prominent colour first: BN-RD, GY-LT	AM amygdaloidal	BF buff	AM aphanitic	AS ash	alt altered	n none	t trace	0	Ab albite	Hb hornblende			
BD bedded		AMT andesite	GNE gneiss		AN anorthositic	BG biege	AN anorthositic	BT bioturbated	arg argillic	tw trace-weak	w weak	<1	Ac actinolite	He hematite			
Bx breccia		AND andesite	GRD granodiorite		BL blebby	BK black	BL blebby	BK block	arg advanced argillic	1-2	wa weak	2-3	Ae augite	Hm musketovite			
CV cleavage		ANO anorthositic	GRN granite		BN banded	BL blue	BN banded	BU bouma	ava advanced argillic	3-5	f fair	3-5	Ag aragonite	Hs specularite			
DE deformed		APL apilite	GRT granite		BO box-work	BN brown	BO box-work	XT crystal	bio biotite	5-7	m moderate	5-7	Ak ankerite	Hz hydrozincite			
DY dyke		ARG argillite	GST greenstone		CR crackled	BR brass	CR crackled	DB debris flow	ble bleached	7-10	ms moderate-strong	7-10	Am amphibole	Ja jarosite			
FLT fault		ARK arkose	GWK greywacke		DI disseminated	BZ bronze	DI disseminated	EN envelope	car carbonate	10-15	s strong	10-15	An andalusite	Kf K feldspar			
FA fold axis		BAS basalt	HFL hornfels		DN dendritic	CL clear	DN dendritic	FD flooded	chl chlorite	15-20	l intense	15-20	Ap apatite	Ky kyanite			
FO foliation		BXA breccia	IGE igneous rock		DR drusy	GL glassy	DR drusy	FS fossiliferous	cly clay	20-25	x extreme	20-25	As arsenopyrite	Li limonite			
Fx fracture		CBR carbonate rock	IGN ignimbrite		EA earthy	GN green	EA earthy	GC gas-charged	epi epidotization	>25	(use numeric)	>25	At anthophyllite	Ma marcasite			
GO gouge		CAS casing	IST ironstone		EU euhedral	GO gold	EU euhedral	HY hydraulic	fec iron carbonate				Ax axinite	Mb malachite			
J joint		COA coal	LAH lahar		EN encrusting	GY grey	EN encrusting	IU immature	hem hematization				Az azurite	Mc malachite			
LA laminated		CGL conglomerate	LMP lamprophyre		EQ equigranular	MT metallic	EQ equigranular	LA laminated	hyd hydrothermal				Ba barite	Mg magnetite			
LI lineation		CHT chert	LST limestone		FL flow banded	OL olive	FL flow banded	LP lapilli	kaol kaolinized				Bc brochantite	Mn Mn oxide			
C lithological contact		CLS calc-silicate rock	MAF mafic rock		FN fenestral	OR orange	FN fenestral	LI liesgange	lea leached				Bi biotite	Mu muscovite			
SH shear		CST claystone	MBL marble		FD graded	PK pink	FD graded	LA lapilli	lim limonite				Bo bornite	Ne nepheline			
SL sill		DAC dacite	MET metamorphic rock		GN graded	PU purple	GN graded	LI liesgange	mno manganese oxide				Br brannerite	OB obsidian			
SS slickensides		DIA diabase	MIG migmatite		GD gneissic	RD red	GD gneissic	LP lapilli	oxi oxidation				Bs bismuthinite	Op orthopyroxene			
ST stringer		DIO diorite	MNZ monzonite		IN interstitial	SI silver	IN interstitial	PI pillow	phc phyllic				Ca calcite	Or orthoclase			
VN vein (>10 cm)		DOL dolostone	MST mudstone		LS lens-lensoid	TN tan	LS lens-lensoid	RA radioactive	pot potassic				Cb carbonate	Or orthoclase			
VT veinlet (<10 cm)		DUN dunite	MYL mylonite		MA massive	TQ turquoise	MA massive	RU rip-up clasts	prop propylitic				Cc calcite	Ov olivine			
		ECL eclogite	NOR norite		MO mottled	VO violet	MO mottled	SE selvage	sau saucerized				Cd cordierite	Ox oxide			
		EPI epiclastic	OVV overburden		ND nodular	WH white	ND nodular	SM stromatolitic	ser seritized				Ch chalcodony	Pb pitchblende			
		EVA evaporite	PEG pegmatite		NE net	YW yellow	NE net	SN xenolith	sil silicified				Cl cinnabar	Pd pentlandite			
		FEL felsic rock	PER peridotite		OP ophitic	LT light	OP ophitic		sil seritized				Ci chlorite	Pg phlogopite			
		FLT fault	PHY phyllite		PA patches	MD medium	PA patches		sil seritized				Co cobaltite	Pl plagioclase			
			PYR pyroxinite		PB pebbly	DK dark	PB pebbly		sil seritized				Cp chalcocopyrite	Po pyrrhotite			
			QTE quartzite		PL porphyroblastic		PL porphyroblastic		sil seritized				Ct chloritoid	Ps pyroxene			
			RHY rhyolite		PR porphyritic		PR porphyritic		sil seritized				Cv covellite	Px pyroxene			
			SCH schist		RC recrystallized		RC recrystallized		sil seritized				Di diopside	Py pyrite			
			SED sedimentary rock		SA sandy		SA sandy		sil seritized				Do dolomite	Qz quartz			
			SHL shale		SE segregated		SE segregated		sil seritized				Dr dravite	Rh rhodochrosite			
			SKN skarn		SH schistose		SH schistose		sil seritized				Ep epidote	Ru rutile			
			SLA slate		SH sheared		SH sheared		sil seritized				Er erythrite	Sa sanidine			
			SLT siltstone		SP spots		SP spots		sil seritized				Fd feldspar	Sc sanidine			
			SST sandstone		SR streaked		SR streaked		sil seritized				Fe iron oxide	Sc scapolite			
			STW stockwork		ST stained		ST stained		sil seritized				Fl fluorite	Se sericite			
			SYE syenite		ST stylolite		ST stylolite		sil seritized				Fu fuchsinite	Sh scheelite			
			TON tonalite		SU sucrosic		SU sucrosic		sil seritized				Ga garnet	Si siderite			
			TUF tuff		VS vesicular		VS vesicular		sil seritized				Gn galena	Sk skutterudite			
			VCL volcanoclastic		VU vuggy		VU vuggy		sil seritized				Go goethite	Si schorl			
			VEN vein		WE welded		WE welded		sil seritized				Gp graphite	Sm smithsonite			
			VOL volcanic rock		XL crystalline		XL crystalline		sil seritized				Gy gypsum	So scorodite			
			WBX Wernecke Breccia						sil seritized				Gr graphite	Sp sphenite			

WERNECKE BRECCIA

METASOMATIC ALTERATION + IRON OXIDE (+ other) MINERALIZATION

Low temperature - Shallow level

- carbonate iron carbonate (light orange brown) - hematite
- chloritization (green-brown; soft) - specular hematite
- alteration (off white-grey; hard) - pyrite
- scapolitization (grey) - magnetite

Higher temperature - Deeper level

WERNECKE BRECCIA NOMENCLATURE

Key Modifiers: Hb (hornblende), He (hematite), Mg (magnetite), Cp (chalcocopyrite), Py (pyrite), Pt (pyrrhotite), Bx (breccia), Hs (hornblende), MA (massive), SBD (siltstone breccia fragment), JAS (jasperoid), CAR (carbonate frag.), IOB (igneous frag.)

Matrix Modifiers: car (carbonate), fcs (iron carbonate), shi (schistose), gnt (granitic), alb (albite), oxi (oxidation)

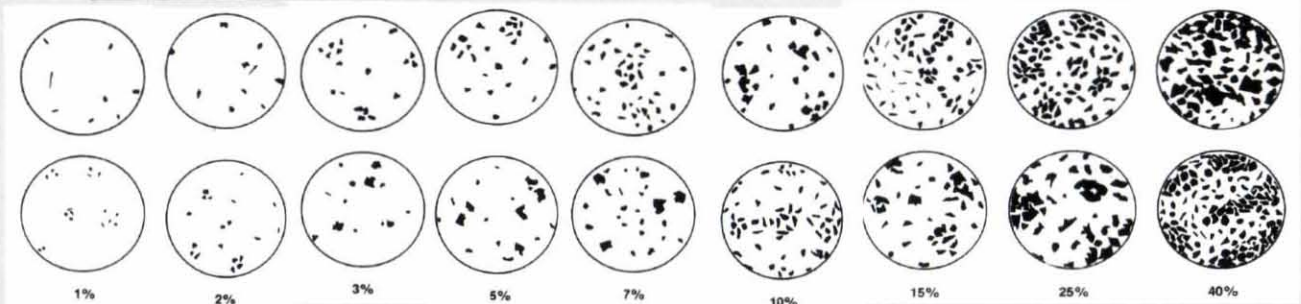
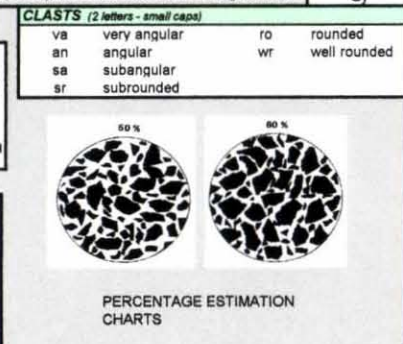
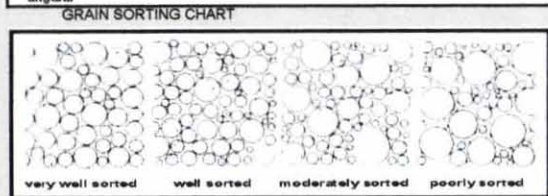
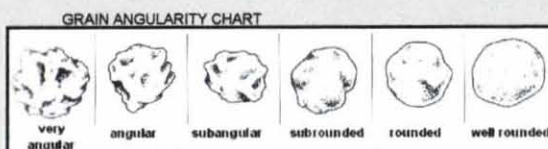
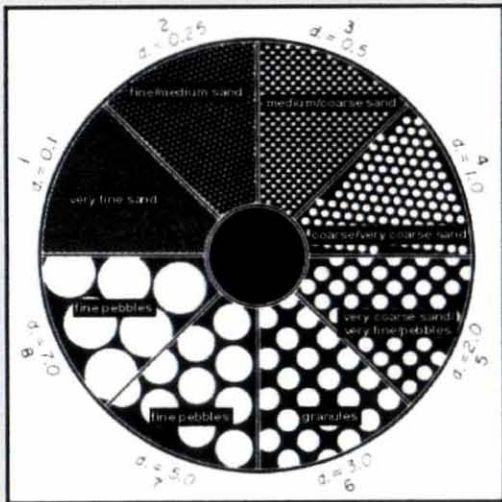
Alteration Modifiers: 1 (0-20% matrix), 2 (20-80% matrix), 3 (>80% matrix)

W SED (Hs) 1 - car

Example: breccia with sedimentary clasts; <10% specular hematite; clast supported; carbonate altered.

PARTICLE SIZE DEFINITION

Clast or crystal size in mm, Log scale	Sedimentary clasts	Volcanoclastic fragments	Crystalline rocks, igneous, metamorphic or sedimentary
256	boulders	G blocks and bombs	
64	cobbles	R	very-coarse-grained
16	pebbles	A, E, L	very-coarse-crystalline, coarse-grained, coarse-crystalline
4	granules		
2	very-coarse-sand		medium-grained
1	coarse-sand	S	medium-crystalline
0.5 (1/2)	medium-sand	A	
0.25 (1/4)	fine-sand	N	fine-grained
0.125 (1/8)	very-fine-sand	D	fine-crystalline
0.032 (1/32)	silt	M, U	very-fine-grained, very-fine-crystalline
0.004 (1/256)	clay	D	cryptocrystalline



WERNECKE BRECCIA

METASOMATIC
ALTERATION



IRON OXIDE (+ other)
MINERALIZATION

Low temperature

Shallow level

- carbonate
-iron carbonate
(light orange brown)
- chloritization
(green-brown; soft)
- potassic (pink)
- albitization
(off white-grey; hard)
scapolitization (grey)

- hematite
- specular
hematite
- chalcopyrite
- pyrite
- magnetite

Higher temperature

Deeper level

WERNECKE BRECCIA NOMENCLATURE

W (Wernecke) (Breccia)	He (hematite)	1 (0-20% matrix)	car (carbonate)
	Hs (specular hematite)		
VN (Vein)	Hm ('mushketovite')	2 (20-50% matrix)	chl (chlorite)
	Mg (magnetite)	3 (>50% matrix)	pot (potassic)
	Cp (chalcopyrite)		alb (albite)
	Py (pyrite)		oxi (oxidation)
	Fl (fluorite)		
	Ba (barite)		
	Hb (hornblende)		
	MA (massive)		
	SED (clastic rock frag.)		
	JAS (jasperoid)		
	CAR (carbonate frag.)		
	IGE (Igneous frag.)		

BRECCIA

**KEY
MODIFIER**

**MATRIX
MODIFIER**

**ALTERATION
MODIFIER**

W

SED (Hs)

1

- car

Example: breccia with sedimentary clasts; <10% specular hematite;
clast supported; carbonate altered.