

**TIGER RIDGE RESOURCES LTD**

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VANCOUVER, B.C.

**ASSESSMENT REPORT  
Diamond Drilling 2005**

**APOLLO PROPERTY  
Bowron River – Haggan Creek Area  
Cariboo Mining Division**

**NTS 82K/9  
Latitude 53° 35' 60"  
Longitude: 121° 39' 30"  
Map 093H052**

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

28,475

**By**

**Brad Willis, B.Sc. Eng.  
President  
Tiger Ridge Resources Ltd.**

**July 20, 2006**

**Calgary, Alberta**

# APOLLO BARITE PROPERTY 2005

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## ***INTRODUCTION***

During September.1 to October.28th of 2005, Tiger Ridge Resources Ltd optioned and completed a drill core program on the Apollo mineral claims. The claims had been worked on previously by Newmont in 1985 and by Ron Macarthur in 1999.

Diamond drilling was started on the ridgeline above a large outcrop of barite. The drilling program was implemented to determine the strike and dip of the large outcrop of barite. A total of 652.88m of drilling were completed on the property for a total cost of \$105,272.29.

## ***LOCATION AND ACCESS***

The Apollo property is located 39 kilometers from highway 16 along the Bowron forest service road. The barite outcrop is located roughly 500m from the service road and can be accessed by walking up a small creek which is called Barite Creek. The drill sites can be accessed from a 2.2-kilometer rough skid trail, which allows access to the top of the ridgeline above the barite outcrop.

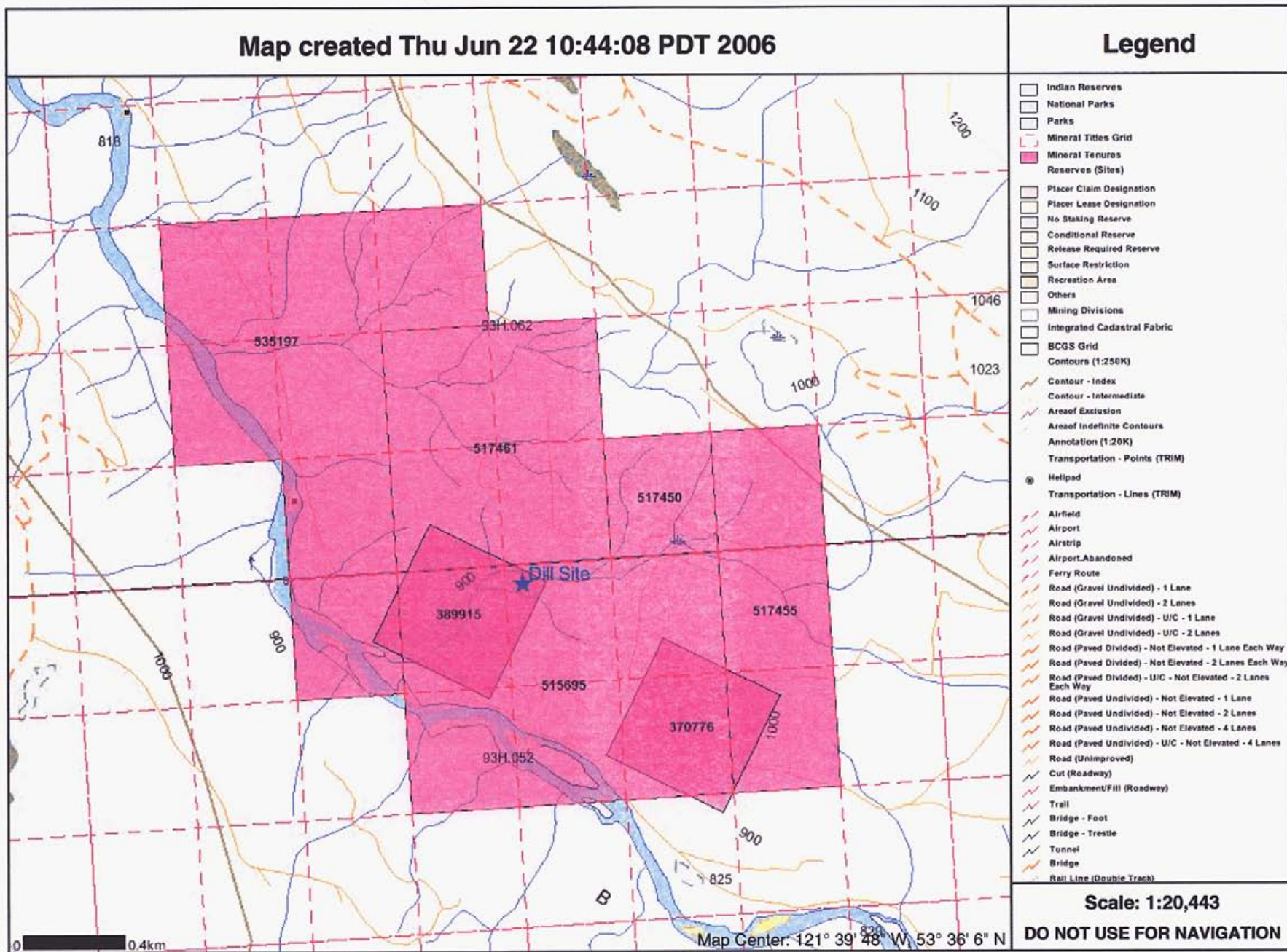
## **CLAIM INFORMATION**

The Apollo claims are located at Longitude 53° 35' 54", Latitude 121° 39' 34".

The claim information is as follows:

<b>Claim Name</b>	<b>Tenure Number</b>	<b>Map Number</b>
<b>APOLLO</b>	<b>535197</b>	<b>093H052</b>
<b>APOLLO</b>	<b>517461</b>	<b>093H052</b>
<b>APOLLO</b>	<b>517450</b>	<b>093H052</b>
<b>APOLLO</b>	<b>515695</b>	<b>093H052</b>
<b>APOLLO</b>	<b>517455</b>	<b>093H052</b>

Figure 1





Map created Thu Jun 22 10:47:20 PDT 2006

### Legend

Provincial Boundary (1:6M)

Boundary (International)  
Boundary (Interprovincial)

NTS Grid  
Transportation - Lines (1:6M)

Road - Trunk  
Road - Main  
Rail Line

Water - Lines (1:6M)  
River/Stream - Definite  
Lake - Definite  
Island - Definite  
Coastline - Definite  
Water - Polygons (1:6M)

River/Stream - Definite  
Lake - Definite  
Major Cities



0 179km

Map Center: 125°25' W, 54°20' N

Scale: 1:9,392,889  
DO NOT USE FOR NAVIGATION



# Exploration Assistant

**BC Administrative Area Layers**

- BC Communities
  - City
  - Town
  - Village
  - Resort Municipality
  - Settlement
  - Community
  - District Municipality

**Mineral Titles Layers**

- MTO Mineral Titles Online Labels <200K
  - Placer
  - Mineral

**Topographic Layers**

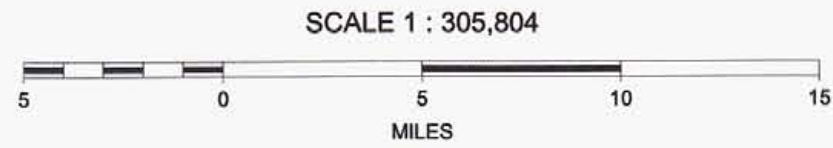
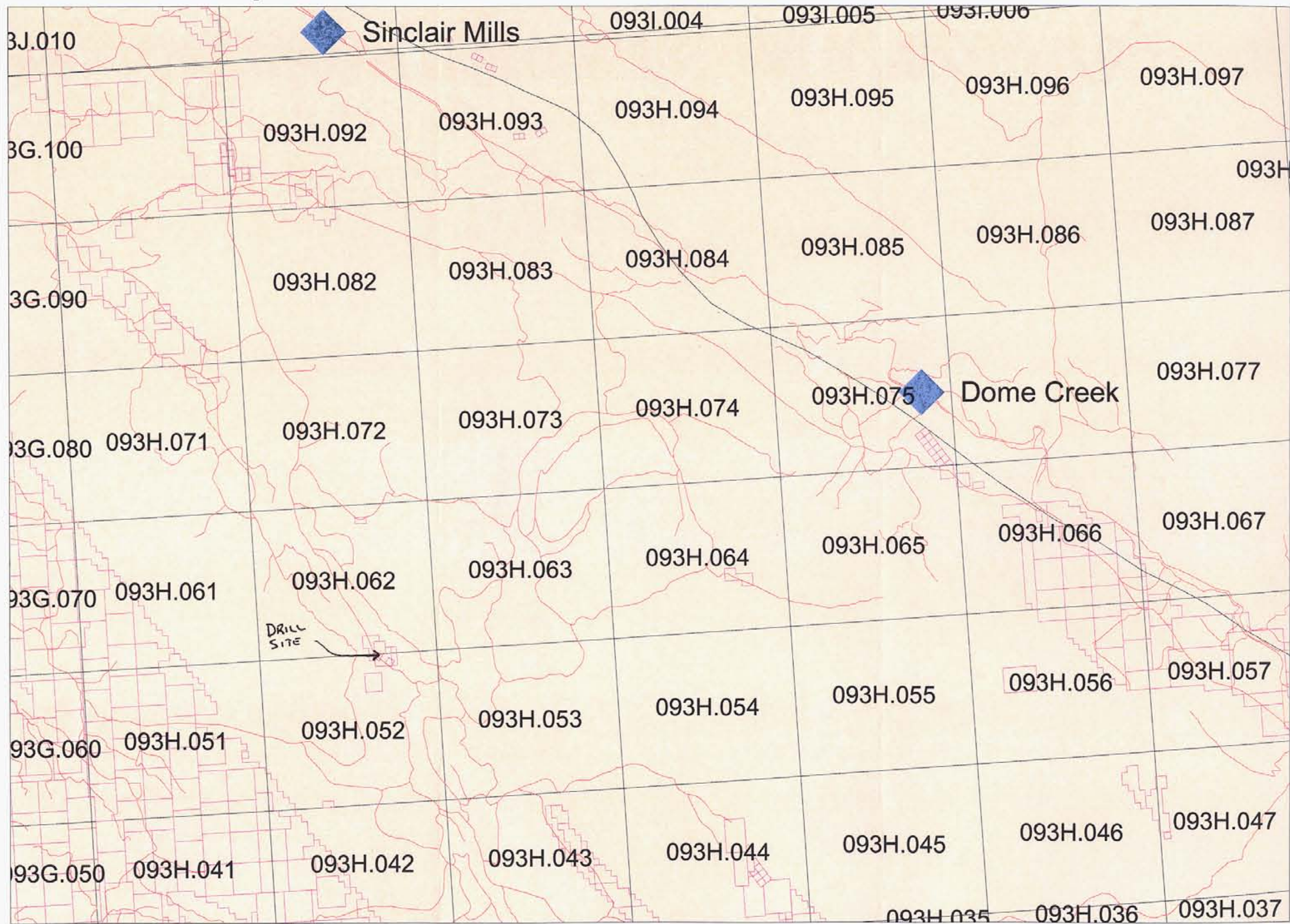
- Railways Canada
- Roads 1:250K (<2M)
- Border line 1:250K (<2M)

**Grid Layers**

- Grid 1:20K maps - labels
- Grid 1:20K maps - polygons
- Grid 1:250K maps - outline

**BC Border Layers**

- BC Border 1:250K (<2M)





## **GEOLOGY & MINERALIZATION**

The property is underlain by Ordovician shale of the Black Stuart formation. This Black Stuart formation overlies the Dome Creek and Mural formations. The entire area of interest is located within the Black Stuart formation.

The area of interest is comprised of highly fractured and tightly folded pyritic shale. The pyrite is visible as nodular and banded disseminated pyrite within the black shale. The shale is also carbonaceous in part and siliceous.

The regional bedding of the shale is quite varied due to the folding in the area. However, the Newmont geological assessment report #14,999, states that the beds are plunging from 10° SE to 30°. The general strike of the bedding in the area is roughly 130°. The area of interest is located between two thrust faults, which are located on the NW and SW boundary of the claims respectively.

Minor faulting can be seen cross cutting the bedding and there are the odd quartz stringers to small veins cutting the bedding at roughly 040°. The geological feature of interest is a large bedded barite outcrop, which contains soft fine grained exhalative bedded barite. The barite is gray in color and the bedding is very hard to distinguish with the naked eye. The minor bedding that can be seen indicates a strike of 130° and possible dip to the SW.

A seam of Bedded barite measuring 1m high by 1.5m wide was found by Newmont in a creek located 1.3km South from the main barite outcrop. The main barite outcrop was previously exposed by Ron Macarthur and is exposed over 8m high by 2m wide. This outcrop is open along the presumed strike for 35m.



## **DIAMOND DRILLING**

Drilling began at the beginning of September and finished in late October. Diamond drilling was done using Tiger Ridge's Diamec 251 BQ Diamond drill and a Tiger Ridge drill crew.

There were six BQ sized drill holes drilled, which resulted in a total of 652.88 meters of drilling. The initial drill holes were drilled perpendicular to the proposed strike of the barite outcrop and were designed to confirm the strike and dip of the barite.

Drilling results showed massive black pyritic shale with the odd quartz stringers and carbonate stringers. An intersection of massive white quartz was encountered on drill hole number 5 and 6. The quartz is likely a  $040^{\circ}$  vein that may be cross cutting the bedding. The bedding encountered in the drill core was varied in dip and indicated that the shale was highly foliated. The bedding from the core indicates that drilling occurred on the southern limb of a syncline. Thus the dip of the bedding near the barite outcrop is to the NE and not to the anticipated SW. The extremely poor core recovery also indicates that we may have been drilling along the bedding planes.

A fault breccia has been encountered up hole in the drill core, which contains coarse fragments of graphitic shale mixed within a fine grained carbonate matrix. The dip of the breccia is  $26^{\circ}$  to the South West and strikes roughly  $125^{\circ}$ . There was no barite encountered with in this breccia.

The bedding in the upper holes were generally dipping to the SW, while the down hole portions of the drill holes saw the bedding flatten out and dip to the NE. The strike and dip of the barite is still in question and will require further groundwork and geophysical work to determine the actual strike and dip. It is the author's belief that the barite outcrop is on a North East plunging arm of a syncline and the barite is dipping towards the creek. This resulted in core drilling under the barite zone as the barite was dipping away from the drill.

The core was highly fractured and encountered abundant graphitic shale with pyrite ranging from 2mm in size to very fine disseminated. A drill cutting sampling system was implemented to catch samples every two feet to ensure that there was nothing missed while drilling. These samples were weighed and the heavy samples were assayed using Xray diffraction and the results were negative for barite.

The results from the diamond drilling indicate that the localized area is extremely fractured and folded. The drilling indicated that the zone in question may be within close proximity to a fault and the barite may have been displaced to another area near by. The author feels that the bedded barite may be intact and that the bed is following a syncline, which resulted in drilling under the zone of interest.

The location of the first drill site limited any chance of drilling across the elevation of the outcrop due to the steep hillside. The second drill site was at an elevation that did not allow the drill to hit the outcrop, as it was located at a similar elevation as the outcrop. The general area near the barite outcrop does not allow for a practical drilling set up to intercept the barite within close proximity to the large outcrop.

The core has been removed from the site and is being stored at the Tiger Ridge Resources mill site near Windermere B.C.

## **CONCLUSION**

The exploration program proved that there was not any economic barite down dip of the presumed dip of the structure. The drill program resulted in proving that the area is highly fractured and folded and there is a good possibility of finding barite up dip of the syncline on the North Eastern side of the creek. There also may be some displacement of the barite zone from the localized NW/SE faults. The overburden in the area is very deep and is made up of glacial till and clay. The only visible outcrops in the area that can be mapped are located along the streambeds.

There are very few outcrops in the area to map and implementing a geological mapping program would be very difficult. The 2km area of interest is covered with deep overburden, which contains glacial till and layers of clay.

The next phase of exploration should entail geochemical sampling with samples coming from deep in the overburden. Another option would be to run a gravity survey to try and pick up the barite within the shale host rock. The depth of the overburden must be determined before running gravity as it may mask the gravity readings in some areas. Grid lines should be run near the outcrop and to the Northwest of the outcrop. There is barite located in a creek 1.3km from the barite zone in question and this section should be examined by gravity. I would also recommend running gravity along the ridge line near the outcrop and heading to the South East. This area is relatively flat and there may be a chance of crossing the barite zone. I also strongly recommend digging a large hand trench on the barite outcrop. This trench will have to be done by hand as the terrain and location of the creek will make it very difficult for a backhoe to enter the area. This trench would require a great deal of effort, as it will have to be quite large to expose the rock beneath the overburden.



Further prospecting along the local creeks in the area is the next step in trying to understand the structural geology and to try and locate any new barite outcrops.

## **Statement of expenditures**

### Supervision and geology:

Engineer \$300/day (logging core, survey, supervision)	\$11,700
Assistant – \$180/day +\$20 Worked 20 days + misc. expenses (Prospector/skidder operator/surveyors helper/jack of all trades) <i>Killed by 3 grizzly bears</i>	\$4,193.33
Bear security, \$400/day + expenses (camp cook, general laborer) Sept.21-Oct.8 <sup>th</sup> \$7219.74, Oct.11 <sup>th</sup> –26 <sup>th</sup> \$6838.61	<u>\$14,055.35</u>
<b>Total Supervision and Geology</b>	<b>\$29,947.65</b>

Driller's wages (\$17/hr, \$1/foot, \$20/day, +misc. expenses)	\$14,662.55
Drillers helpers wages (\$12/hr, 0.30/foot, \$20/day)	\$6,617.20
Consumables (fuel/parts/supplies/bits/drill rods etc)	\$30,584.29
Food and Camp supplies	\$8,400
Core box's	\$1,500
Trailer Rental	\$715.94
Satellite phone rental	\$2,500
Skidder Rental (37.43 hrs @ \$65/hr)	\$2432.95
Trucking	\$7911.71
<b>TOTAL</b>	<b>\$105,272.29</b>

## ***Statement of Qualifications***

I, Bradley C. Willis of 15 Tuscany Glen Place NW, Calgary, Alberta, do hereby certify that:

- I am the President and Exploration manager of Tiger Ridge Resources Ltd.
- I am a graduate of the South Dakota School of Mines and Technology with a B.Sc.Eng. of Mining Engineering.
- I started Tiger Ridge Resources Ltd in 1997 and have been actively exploring for barite and minerals since that time.

**Bradley C. Willis**



# **Appendix I**

## **DRILL LOGS AND SECTIONS**

Property: Apollo (Bowron River) Drill Hole: DDH-05-1 Location: 588539W 5939627N  
Elevation: 3876 ft. Azimuth: 030 ° Angle: -60 ° TD: 267 ft. 81.38 m.  
Comments: Located on narrow ridgeline, very tough spot to drill. The angle of the hole @ -60 is following the slope of the ridge and is very near surface.

Depth	Description	Recovery
0-76	OB, Till, Bedrock at 78'	
76-120	Black arg/sh. Odd qtz stringer, @ 89' qtz 20deg axis, @ 97' 1"qtz, disseminated pyrite thru-out, bedding very hard to see, graphitic sh, recovery very poor	
120-160	blk graphitic sh, broken core, scattered hairline qtz stringers, abundant disseminated iron pyrite (some pyr looks bedded 65 to axis), massive sh bedding cannot be seen.	
160-177	blk graphitic sh, odd qtz stringer, abundant disseminated pyrite, 170' pos bedding 75axis	
177-179	grey / white soft core, possible ba?? TEST, reacts with strong acid, likely fault gouge.	1.2'
179-181	No Recovery	0
181-183	blk mud	1'
183-187	grey mud, fault gouge, possible Ba TEST**, reacts with acid,	181-187 = 4.3'
187-194	harder light grey, pos Ba, some shale with core, reacts with strong acid (6N), 192'-193' shaley Ba?? Shear 25 axis, 177'-193' = 8' rec.	187'-193'=2.3'
194-204	blk and light grey sh. 177'-197' possible Ba zone - check***, 197'-204' abund pyr 87axis	2'
204-207	green and brown till?? Possible old creek bed? Could be slough from above?	4"
207-209	blk sh. Visible pyr. Bedding? shear? 64axis	1'
209-211	blk sh. Visible pyr. @210 87axis	1'
211-217	blk graphitic sh, qtz fractures 30axis, 213-237 very graphitic sh.	2.5'
217-227	blk graphitic sh. Very soft - hard to hold drill back - core washing away	3'
227-237	blk graphitic sh.	1'
237-247	massive qtzite, white, CHECK ICP***** sh contact 30axis	2.5'
247-254	very brittle graphitic blk sh, at 250 pyr 60-65axis,	3.3'
254-260	blk sh, odd qtz stringer, disseminated pyrite, odd qtz stringer at 45axis	
260-267	blk sh	
TD 267	Graphitic shale shatters when drilled and sampling of the cuttings must be done throughout the next holes.	





Elevation Ft.

3850

3800

3750

3700

3650

3600

3550

3500

OB. drilling with the slope of the hill.

casing  
No Rec.

casing

black sh, odd qtz hairline stringer iron visable, rubble, 3' rec over 21'

2' Rec. blk sh

4' Rec. blk sh. vis iron pyrite bedding 25-30 axis

blk sh. vis pyrite

blk sh. abundant disseminated pyrite with bedding at 82 axis  
blk sh. abund. dis. pyrite with bedding at 60 axis  
blk grafitic sh. vis pyrite qtz stringers 7/8"-1/4" 20-25 axis

qtz 20-25 axis  
Qtz. massive white

201' blk sh bedding loaded with pyrite at 20 to axis

222-223 bedding 85 Axis same peice shows folding

219-238 Graphitic/Mica?? blk shale odd qtz stringer at 35 Axis.

blk Graphitic

APOLLO  
DDH-05-2  
030 az. -80  
TD 287

Apollo - Bowron River  
DDH-05-1 TD: 81.38m  
Bearing 030az Angle -60°  
Location: 588539W 5939627N  
Elevation 3876 ft.

Apollo - Bowron River  
DDH-05-2 TD: 81.38m  
Bearing 030az Angle -80°  
Location: 588539W 5939627N  
Elevation 3876 ft.  
Section looking 300° Azimuth  
October 15/05  
Prepared By: Brad Willis B.Sc.Eng.

Blk graphitic sh. disseminated pyrite throughout. bedding very hard to see, massive shale, 78-163 qtz stringers scattered, poor recovery, graphite looks like coal-very brittle & desintegrates under bit pressure.

very graphitic black shale, broken ground, tiny qtz stringers scattered, disseminated pyrite throughout, possible bedded pyrite at 129' 65 axis.

blk. graphitic iron rich shale  
Lost Circulation at 177'/start of zone  
1.2' rec. white grey very soft. BA?? check  
blk mud. Ba./ba??, reacts with acid - dolomite/Ba  
mud like gouge  
harder core, grey (possible ba) and blk shale

No Rec.

2' rec. over 10' blk & grey shale  
green/brown till, old creek bed? poor rec.

Graphitic black shale  
grafite shatters when drilled,  
very poor recovery  
odd hairline qtz stringer

2.5' rec. qtz massive white,  
no clear contact markings

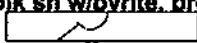
Graphitic black shale  
odd hairline qtz stringer

APOLLO  
DDH-05-1  
030 az. -60  
TD 267

Property: Apollo (Bowron River)      Drill Hole: DDH-05-3      Location: 588495W 5939623N  
 Elevation: 3785 ft.    Azimuth: 035 °    Angle: -35 °    TD: 415 ft. 126.49 m.  
 Comments: Located on opposite side of ridge from the barite outcrop, roughly 63m south of Ba at 212 Az on a plan view.

Depth	Description	Recovery
0-78	OB, rubble	
78-88	blk graphitic iron (pyr) rich sh, odd hairline qtz and calcite? Some of the smaller white hairline fractures react with acid. This is the same on all of the holes through out the core.	2.3'
88-93	blk graphitic iron (pyr) rich sh, 1 small piece of qtzite	0.5'
93-97	MisLatch - blk sh	4"
97-106	blk graphitic sh w/pyr, ground up core/mud, fractured breccia with white fracture filling reacts with acid (Calcite?dol?), core slightly heavy - CHECK for Ba** 97' bx contact 75axis	5'
106-118	Very poor recovery, grey colored, pyrite crystals larger than normal, Check for Ba**	3"
118-127	Graphitic sh with coarse grey breccia, breccia filling reacts with acid, pyrite nodules 127', 100'-127' breccia zone Check**	1'
127-138	NO RECOVERY**	0'
138-148	Breccia, blk sh, abundant disseminated pyr, breccia filling calcite/dol??	6"
148-151	Graphitic blk sh with abundant pyrite	
151'-158'	graphitic blk sh with abundant pyrite, odd stringer of calcite & qtzite.	2.2'
158'-168'	MisLatch - blk sh - same as above	8"
168'-178'	1' sh ground up soft, 1' breccia sh with qtzite and some calcite/dol	2'
178'-188'	qtzite sh breccia, graphitic sheared shale	2.5'
188'-191'	qtzite sh breccia, graphitic sheared shale	3"
191'-198'	qtzite sh breccia, graphitic sheared shale	2'
198'-208'	qtzite sh breccia, graphitic sheared shale	1"
208'-211'	qtzite sh breccia, graphitic sheared shale	1.5'
211'-218'	graphitic blk sh, fine qtzite/sh/dol? Breccia - reacts with 6N acid	
218'-228'	fractured blk graphitic sh	1'
228'-238'	blk sh, 1" qtzite	6"
238'-240'	fractured blk graphitic sh	4"
240'-248	blk sh, pyr	
248'-255'	MisLatch - sh/qtzite	2"
255'-256'	blue grey shaley qtzite, vis pyr in blue grey rock, blue grey contact on qtzite 5axis	6"
256'-258'	1' of blue grey qtzite breccia, 0.8' fractured sh.	1.8'
258'-278'	blk sh, pyr	0.7'
278'-288'	blk sh, pyr	0.7'
288'-295'	graphitic blk sh, pos bedding 40axis	3'
295'-309'	graphitic blk sh, 302'-303' fine qtzite/breccia fractures running 17-20axis	
309'-318'	blk sh, pyr	
318'-376'	blk sh, periodic qtzite (20axis) and calcite/dol (85axis) fractures, 367' pos bedding 70axis	
376'-383'	blk sh, bedding 50axis, odd cal/dol stringer, abundant pyrite	5'
376'-405'	blk sh very competent rock - out of fault zone?	
405'-415'	blk sh	
TD 415'	NOTE: 97'-127' core seems slightly heavy, weigh samples***	

Property: Apollo (Bowron River)      Drill Hole: DDH-05-4      Location: 588495W 5939623N  
 Elevation: 3785 ft.    Azimuth: 035 °    Angle: -50 °    TD: 419 ft. 127.71 m.  
 Comments: Located on opposite side of ridge from the barite outcrop, roughly 63m south of Ba at 212 Az on a plan view.

Depth	Description	Recovery
0-109	bedrock at 57', blk sh w/pyrite, broken core, pyrite in bedding plane, movement noted?? 70 axis 	13'
109'-114'	full recovery, coarse breccia, white/grey with coarse angular sh chunks, reacts with acid, rough bx contact 88axis. Minor qtzite stringers in breccia	5'
Box #1	0-114' = 44lbs	
114'-128.5'	coarse sh breccia - white grey breccia filling reacts with acid, vis dis pyr throughout, good recovery/ground competent	13.5'
128.5-133	sh, pyr, qtzite vein running 5axis, good recovery	4'
Box #2	114'-133' = 42lbs	
133'-151'	broken blk pyr sh, with qtzite and calcite stringers, 143' 50axis bedding??, 141 calcite?stringer 20axis	16'
151'-159'	blk sh breccia with grey filling, CHECK CUTTINGS Ba*****	2'
159'-169'	graphitic blk sh & qtzite	2'
169'-183'	broken core, blk sh, pyrite running along bedding?at 25axis	2'
183'-225'	Very poor recovery, fault bx at 220', blk sh/pyr/graphitic	
225'-244'	very poor recovery, blk sh, some breccia	
244'-330'	Very poor recovery, some interbedded qtzite with sh, blk sh as above	5'
Box #3	151'-330' = 40lbs	
330'-339'	blk graphitic sh	4"
339'-349'	blk graphitic sh	2'
349'-359'	blk graphitic sh, shaley qtzite vein	1.2'
359'-369'	blk graphitic sh	1'
369'-379'	sheared blk graphitic sh, some grey - CHECK CUTTINGS Ba*****	1'
379'-389'	blk graphitic sh, qtzite	2'
389'-393'	blk sh with grey - CHECK CUTTINGS Ba****	1.2'
393'-399'	blk sh, abundant pyrite	2'
399'-419'	blk graphitic sh, abundant dis pyr, minor qtzite	3.8'
Box #4	330'-419' = 38lbs	
TD 419'		

Elevation Ft.  
3850

3800

3750

3700

3650

3600

3550

3500

3450

3400

claim post

OB rubble

blk sh bedding 70axis  
0-100 broken core 13' rec.

95' rec coarse bx w/lt/grey w/angular sh  
w/blk grey reacts w/acid. minor qz. poss Ba  
CHECK.  
good rec coarse sh bx w/lt/grey reacts w/acid  
pyrite through. relatively hard core. CHECK  
qtzite vein running w/core. 5axis  
lost 2' good rec broken blk sh w/ltz/ea  
pyrite, vis pyrite, bedding 50axis  
2' rec blk/grey Bx. CHECK  
2' rec qzite and shale  
2' rec blk sh, pyrite, 26axis

blk sh fault bx at 220' 2'

4' qzite interbedded w/sh at 244'  
244-330 5' rec.

4' rec.  
2' rec blk sh  
1.2' rec shaly qzite vein  
1' rec blk sh  
1' rec sheared sh. some grey. CHECK  
1.2' rec blk w/grey CHECK  
2' rec blk sh, pyrite  
3.8' rec blk sh/pyr. minor shaly qzite

APOLLO  
DDH-05-4  
035 az, -50  
TD 419 ft.

blk sh w/pyrite  
periodic qzite & calcite stringers  
lit. at 20axis. Ca at 65axis

blk sh w/pyrite  
competent rock out of fault zone  
bedding 50axis. odd ca/qz stringer


APOLLO  
DDH-05-3  
035 az, -35  
TD 415 ft.

Apollo - Bowron River  
DDH-05-3 TD:126.49 m  
Bearing 035az Angle -35°  
Location: 588495W 5939623N  
Elevation 3785 ft.

Apollo - Bowron River  
DDH-05-4 TD:127.71 m  
Bearing 035az Angle -50°  
Location: 588495W 5939623N  
Elevation 3785 ft.

Section looking 305° Azimuth  
October 15/05  
Prepared By: Brad Willis B.Sc. Eng

Property: Apollo (Bowron River)      Drill Hole: DDH-05-5      Location: 588495W 5939623N  
 Elevation: 3785 ft.    Azimuth: 000 °    Angle: -40 °    TD: 419 ft. 127.71 m.  
 Comments: Located on opposite side of ridge from the barite outcrop, roughly 63m south of Ba at 212 Az on a plan view.

Depth	Description	Recovery
0-66'	Glacial till, OB,	
0-88'	Blk sh, abundant dis pyrite - most pyrite seen so far	
66'-68'	tight breccia with massive dis pyr, acid reacts with some white crystals	1.4'
68'-72'	ground up core first 1', 70-72' blk sh with banded pyrite 85-87axis & 50axis	2'
72'-75'	blk sh, dis pyr. 75'-75' lighter grey with qtzite cross cutting bedding 60axis, seem slightly he	2'
		
75'-88'	blk pyr sh, pos bedding at 80-85axis, slight folding seen in core	8'
Box #1	0-88' = 46lbs	
88'-89'	pyr sh	
89'-97'	graphitic blk sh, dis pyr,	5.8'
97'-108'	start of breccia zone, sh qtzite breccia, qtzite partially reacts with acid, fractures in breccia at 65axis, CHECK Ba****	2.2'
108'-118'	sh breccia - same as above	3'
118'-128'	sh breccia - same as above	1'
128'-138'	sh breccia - same as above	3'
138'-144'	sh breccia - same as above	4'
Box #2	88'-144' = 46lbs	
144'-147'	breccia ends at 147',	
147'-158'	blk graphitic sh with qtzite/calcite stringers	4.5'
158'-168'	blk graphitic sh - small fault breccia at 166'	5'
168'-178'	166'-178' grey colored with blk sh, possible Ba?? CHECK, pos bedding 70-75axis, pyr visible throughout	
178'-192'	blk sh, dis pyr,	
Box #3	144'-192' = 40lbs	
192'-195'	blk sh with white specs, core competent, dis pyr,	
195'-229'	blk sh, rubble, 219' banded pyr 65axis,	
Box #4	192'-229' = 40.5lbs recovered roughly 23' of core	
229'-258'	rubble, graphitic sh, odd qtzite stringer and small breccia	3.5'
258'-268'	qtzite	2"
268'-308'	blk sh, rubble, qtzite breccia in part, CHECK for Ba**	2'
308'-318'	qtzite shale breccia, 2" solid qtzite,	1.7'
318'-328'	pyritic shale with white specs - CHECK*****	0.7'
328'-338'	qtzite and sh, tight sh/qtzite bx in part	1.4'
338'-342'	graphitic sh with qtzite	0.4'
342'-348'	rubble qtzite sh.	0.3'
348'-356'	blk sh and qtzite - mud	1'
356'-362'	graphitic sh	4.6'
362'-368'	graphitic sh	1"
368'-378'	graphitic sh	0.5'
378'-383'	qtzite with sh	0.4'
383'-385'	blk graphitic sh	
385'-418'	blk graphitic sh to 407', 408'-418' qtzite breccia	4'
Box #5	229'-418' = 40lbs	
TD 418'	Hole very tight at 400-418 - very slow progress, NOTE: Check out the white specks in some of the core as it could be a marker bed, Analyse the cuttings through out the hole.	



Elevation Ft.

3850

3800

3750

3700

3650

3600

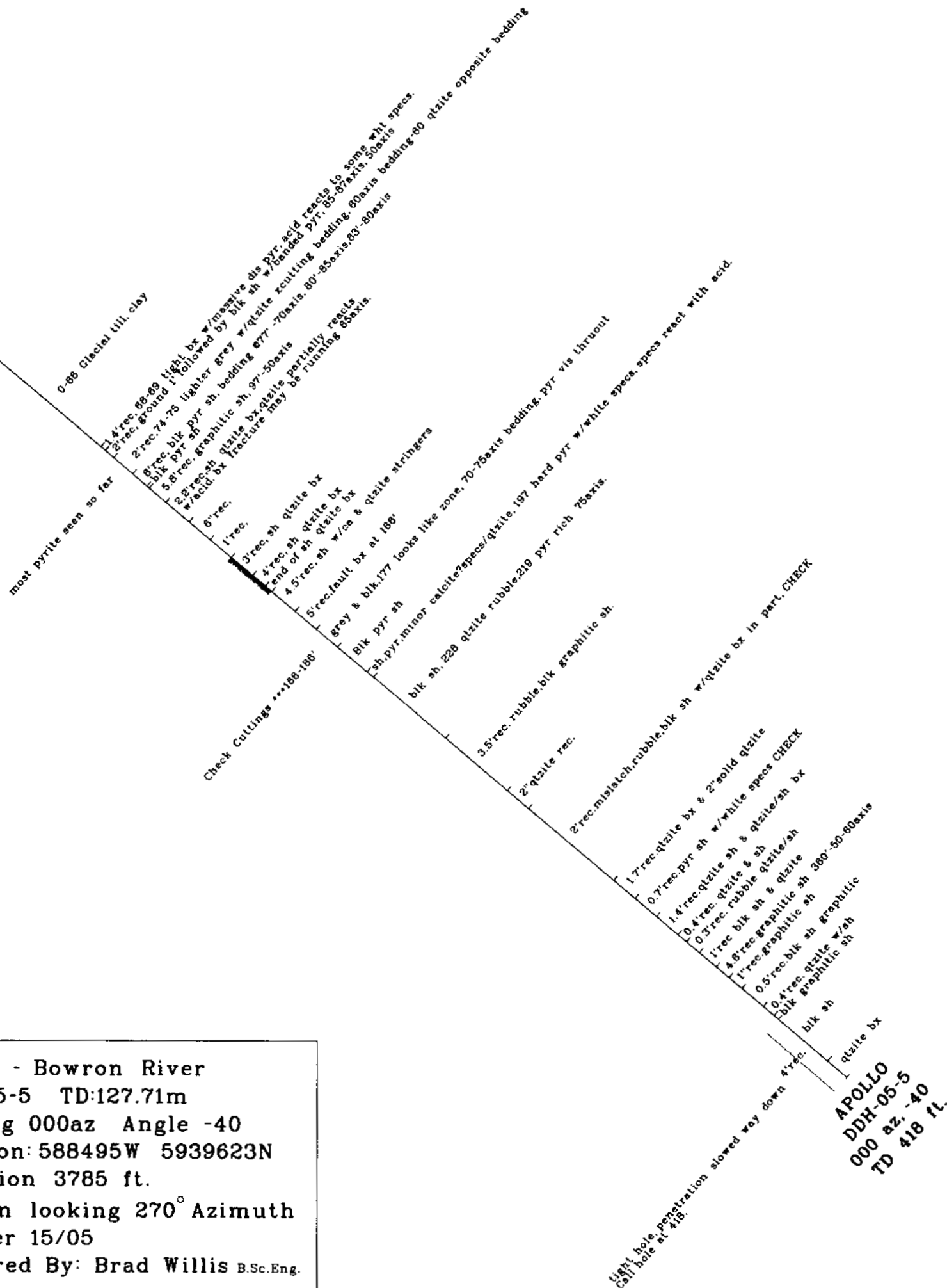
3550

3500

3450

3400

Apollo - Bowron River  
 DDH-05-5 TD:127.71m  
 Bearing 000az Angle -40  
 Location: 588495W 5939623N  
 Elevation 3785 ft.  
 Section looking 270° Azimuth  
 October 15/05  
 Prepared By: Brad Willis B.Sc.Eng.



Property: Apollo (Bowron River) Drill Hole: DDH-05-6 Location: 588516W 5939608N  
 Elevation: 3758 ft. Azimuth: 053 ° Angle: -40 ° TD: 336 ft. 102.41 m.  
 Comments: Located roughly 66m south of outcrop on plan view.

Depth	Description	Recovery
0-52'	OB, clay, till	
52'-59'	shaly breccia, nugget pyrite, rubble	0.8'
59'-69'	poor recovery, rubble, sh qtzite breccia	0.7'
69'-79'	blk sh, abundant dis pyr, 3" qtzite at 69'	2'
79'-84'	sh, qtzite stringers, 1" qtzite	1'
84'-89'	No Recovery	0
89'-96'	blk sh, qtzite chips	0.3'
96'-99'	No Recovery	0
99'-119'	blk sh with 1 1/2" qtzite	0.4'
119'-121'	graphitic blk sh, 2" sheared breccia	0.6'
121'-129'	graphitic blk sh, 125'-126' 1/4" white speck breccia	5'
129'-136'	pyritic sh, bedding 45axis	4.3'
136'-137'	blk sh, hairline fractures with qtz/calcite (dol?)	
Box #1	0-137' = 40lbs	
137'-139.4	blk graphitic broken sh	2'
139.4-141	qtzite sh breccia, 3" solid qtzite	
141'-145'	sheared graphitic sh, dis pyr	2'
145'-149.5'	white qtzite	
149.5-167.8	blk graphitic broken sh	
Box #2	137'-167.8' = 38lbs Entire box is broken rubble core	
167.8-177'	pyritic sh, odd hairline fracture qtz/ca	3.4'
177'-179'	FULL REC. blk sh, abundant dis pyrite	2'
179'-184'	FULL REC. blk sh, abundant dis pyrite, hairline fractures Ca - reacts with acid	5'
184'-189.3'	blk sh with dis pyr, white inclusions Ca?	5.3'
Box #3	167.8-189.3' = 42lbs	
189.3'-193'	blk sh, dis pyr, white inclusions, full recovery	3.7
193'-199'	blk graphitic sh, 1" breccia qtzite 198'	5.5'
199'-209'	blk graphitic sh, dis pyr, white inclusions, pos bedding 45axis	9'
209'-212'	blk graphitic sh, dis pyr, white inclusions	3'
Box #4	189.3-212' = 40lbs	
212'-214'	blk rubble sh, hairline stringers	2'
214'-219'	blk fractured sh	4.6'
219'-222'	blk graphitic sh, broken rubble	2.5'
222'-228'	blk sh, qtzite stringers	6'
228'-239'	ground up sh/qtzite	1.5'
239'-241'	graphitic sh with qtzite	
Box #5	212-241 = 42lbs	
241'-249'	blk graphitic sh	
249'-259'	blk graphitic sh	3'
259'-269'	blk graphitic sh, minor qtzite	3.3'
269'-276'	blk graphitic sh	6.6'
276'-280'	blk graphitic sh, dis pyr	3'
Box #6	241-280 = 40lbs	
280'-283'	blk sh, minor qtzite	
283'-285'	blk pyritic sh with white inclusions	2'
285'-289'	blk pyritic sh, minor qtzite stringers	3.5'
289'-294'	blk graphitic sh, pyr, 291-291 2" qtzite vein	4'
294'-299'	rubble, blk sh, core breaking perpindicular to core (294'-336' rubble)	1.8'
299'-319'	blk graphitic sh, pyr	2.5'
319'-329'	ground up sh/qtzite, POS Ba CHECK*****	2'
329'-331'	graphitic qtzite sh, pyr	0.6'
331'-336'	blk sh, rubble, qtzite stringers	
TD 336'	Note: Last hole of season	

Elevation Ft.  
3850

claim post

3800

OB. rubble

1.4' rec. light bx w/massive dis pyr. acid react to some white xstals.  
2' rec. ground core / blk sh w banded pyr.  
3' rec. 4-5' grey with quartz cross cutting. Grey argillite seems a bit heavy CHECK  
4' rec. black pyritic shale.  
5' rec. pyritic sh/graphitic. 50axis  
6' rec. first sign of bx, sh quartz bx. breccia fractures run 85axis??

3750

3700

3650

3600

3550

3500

3450

3400

Apollo - Bowron River  
DDH-05-6 TD:102.41m  
Bearing 053<sup>o</sup>az Angle -40<sup>o</sup>  
Location: 588516W 5939608N  
Elevation 3758 ft.  
Section looking 323<sup>o</sup> Azimuth  
October 15/05  
Prepared By: Brad Willis B.Sc.Eng.

APOLLO  
DDH-05-6  
053 az, -40  
TD 336 ft.

1' rec. bx  
2' rec. bx  
3' rec. bx  
4' rec. bx  
5' rec. blk sh. w/ quartz/oa stringers  
Grey color arg. 177  
blk arg sh w/pyr  
blk grap sh. 1" breccia quartz 198  
blk graph sh. dis pyr. white inclusions. pos bedding 45axis  
blk rubble sh. hairline fractures  
blk graph sh. dis pyr. minor quartz  
rubble blk sh core breaking perpendicular to core  
ground up sh/quartz. pos Ba check cuttings

## **Appendix II**

# Loring Laboratories Ltd.

629 Beaverdam Road N.E.,  
 Calgary Alberta T2K 4W7  
 Tel: 274-2777 Fax: 275-0541

**TO: TIGER RIDGE RESOURCES**  
 4150, 825 - 8th Avenue S.W.  
 Calgary, Alberta  
 T2P 2T4

FILE: 47705

DATE: June 17, 2005

Attn: Brad Willis

## 30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
16051	2.5	3.52	21	<1	29	1322	1	0.01	1	43	33	14	1.55	0.06	6	0.01	18	39	<0.01	87	0.04	22	6	10	<1	<0.01	<1	20	<1	62
16052	1.4	0.92	3	<1	48	2381	3	0.04	<1	9	1	24	0.26	0.02	4	0.01	37	12	0.01	23	0.01	5	3	26	13	<0.01	<1	15	<1	21
16053	1.8	0.02	<1	<1	44	2379	<1	3.36	1	5	10	11	0.07	0.01	44	1.51	146	5	0.01	1	0.01	3	<1	322	<1	<0.01	<1	22	<1	32
16054	1.4	0.17	<1	<1	41	2459	4	0.45	1	5	7	23	0.13	<0.01	13	0.21	61	5	0.01	11	0.01	2	<1	58	<1	<0.01	<1	6	<1	21
16055	<0.5	0.02	<1	<1	44	2575	<1	0.06	<1	4	12	3	0.13	<0.01	3	0.03	41	4	0.01	4	0.01	<1	<1	18	<1	<0.01	<1	<1	<1	6
16056	<0.5	0.02	1	<1	48	2866	<1	0.02	<1	4	6	4	0.10	<0.01	4	0.01	55	3	0.01	3	0.01	<1	<1	14	<1	<0.01	<1	4	<1	11
16057	<0.5	0.03	1	<1	50	2035	6	0.01	<1	3	22	2	0.07	<0.01	5	<0.01	15	3	0.01	4	<0.01	1	<1	9	<1	<0.01	<1	4	<1	8
16058	1.4	0.05	1	<1	42	2110	<1	<0.01	<1	5	11	1	0.15	<0.01	2	<0.01	25	4	0.01	3	<0.01	1	<1	10	4	<0.01	<1	<1	<1	8
16059	<0.5	0.04	<1	<1	46	2008	<1	<0.01	<1	6	10	2	0.16	<0.01	2	<0.01	32	4	0.01	6	<0.01	<1	2	7	<1	<0.01	<1	<1	<1	6
16060	<0.5	0.14	<1	<1	39	1571	<1	<0.01	<1	7	12	3	0.23	0.01	5	<0.01	15	6	0.01	8	<0.01	1	1	12	33	<0.01	<1	<1	<1	8
16061	1.0	0.02	<1	<1	42	2080	<1	11.48	<1	26	39	9	1.02	0.03	66	6.06	624	<1	0.03	12	<0.01	5	<1	122	<1	<0.01	<1	35	<1	3
16062	<0.5	0.11	<1	<1	37	2020	<1	3.00	<1	48	24	31	0.89	0.12	46	0.46	349	1	0.01	42	0.03	3	<1	39	<1	<0.01	<1	13	<1	3

0.500 Gram sample is digested with Aqua Regia at 95 C for one hour and bulked to 10 ml with distilled water.  
 Partial dissolution for Al, B, Ba, Ca, Cr, Fe, K, La, Mg, Mn, Na, P, Sr, Ti, and W.

Certified by: \_\_\_\_\_

# Loring Laboratories Ltd.

629 Beaverdam Road N.E.,  
 Calgary Alberta T2K 4W7  
 Tel: 274-2777 Fax: 275-0541  
 loringll@telus.net

**TO: TIGER RIDGE RESOURCES**  
 4150, 825 - 8th Avenue S.W.  
 Calgary, Alberta  
 T2P 2T4

File No : 47705  
 Date : June 20, 2005  
 Samples : Rock

Attn: Brad Willis

## Certificate of Assay

Sample No.	S.G. g./cc	Soluble Calcium ppm	Hg ppb	SiO2 %		
16051 outer edge	3.45	4	285	---		
16052 Yellow stained	3.97	10	---	---		
16053 1m ba	4.07	15	78	---	B a r r i t e  Z o n e	Top
16054 2m Ba	4.32	16	---	---		
16055 3m Ba	4.40	9	62	---		
16056 4m Ba	4.42	6	---	---		
16057 5m Ba	4.42	4	---	---		
16058 6m Ba	4.37	3	61	---		
16059 7m Ba	4.36	2	---	---		
16060 8m Ba	4.23	1	---	---		Bottom
16061 Shale	2.90	36	---	16.11		
16062 Shale	2.83	46	---	---		

I HEREBY CERTIFY that the above results are those assays made by me upon the herein described samples:

\_\_\_\_\_  
 Assayer

Rejects and pulps are retained for one month unless specific arrangements are made in advance.



To: Brad Willis  
Tiger Resources

File: 06-XRD-07

From: Jenny Wong

Date: April 4, 2005

**RE: Mineral Determination of Four Samples from Tiger Resources by X-Ray Diffraction Analysis**

Samples were pulverized and were analysed by Philips PW1700 powder diffraction system which equipped with Cobalt tube. Samples were scanned from 2 degree to 60 degree with accelerating Voltage of 40KV and 30mA.

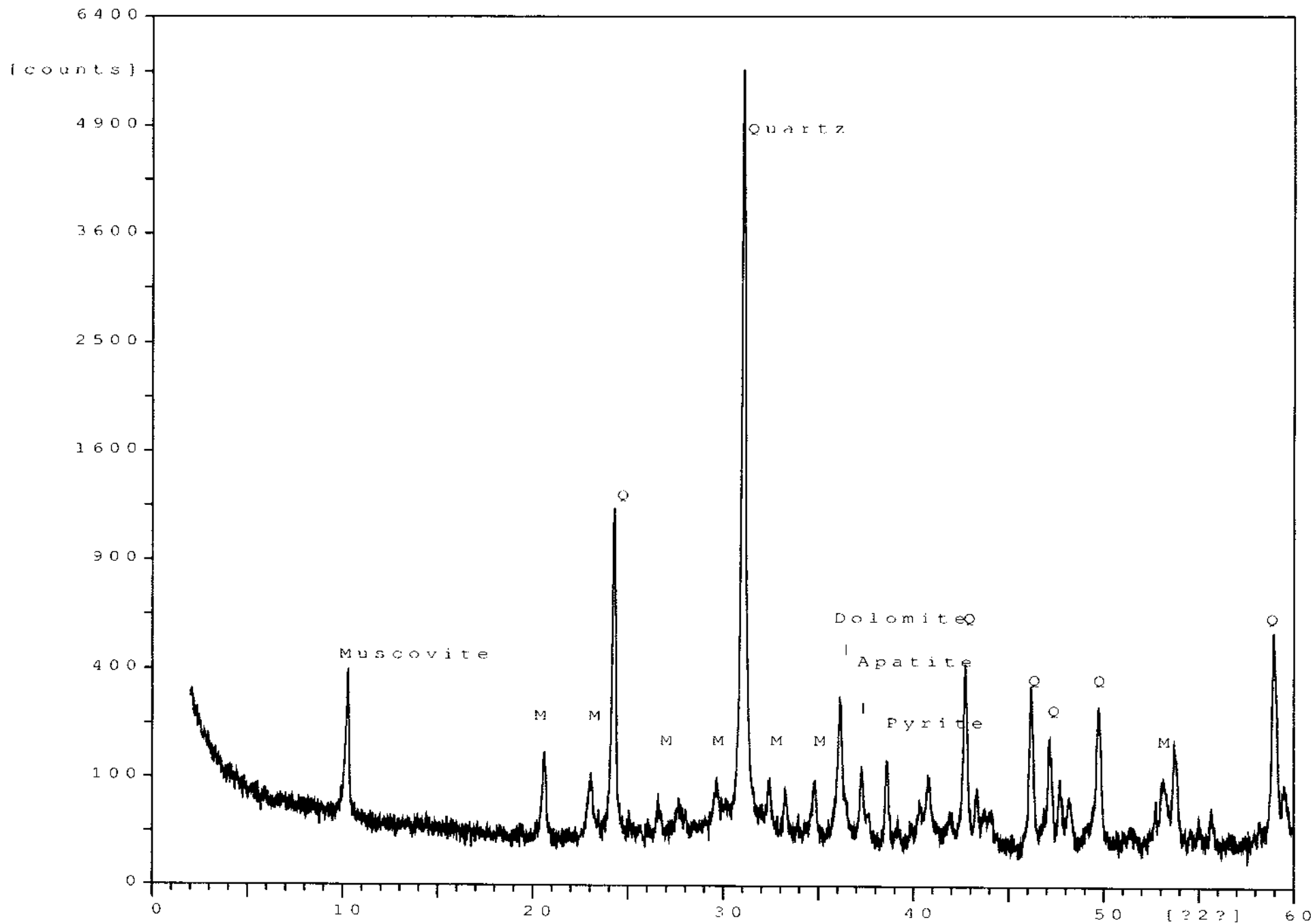
Semi-Quantitative results were calculated from peak intensities, and the results are reported in mineral ratio percent which is not included the present of any amorphous material and organic matters.

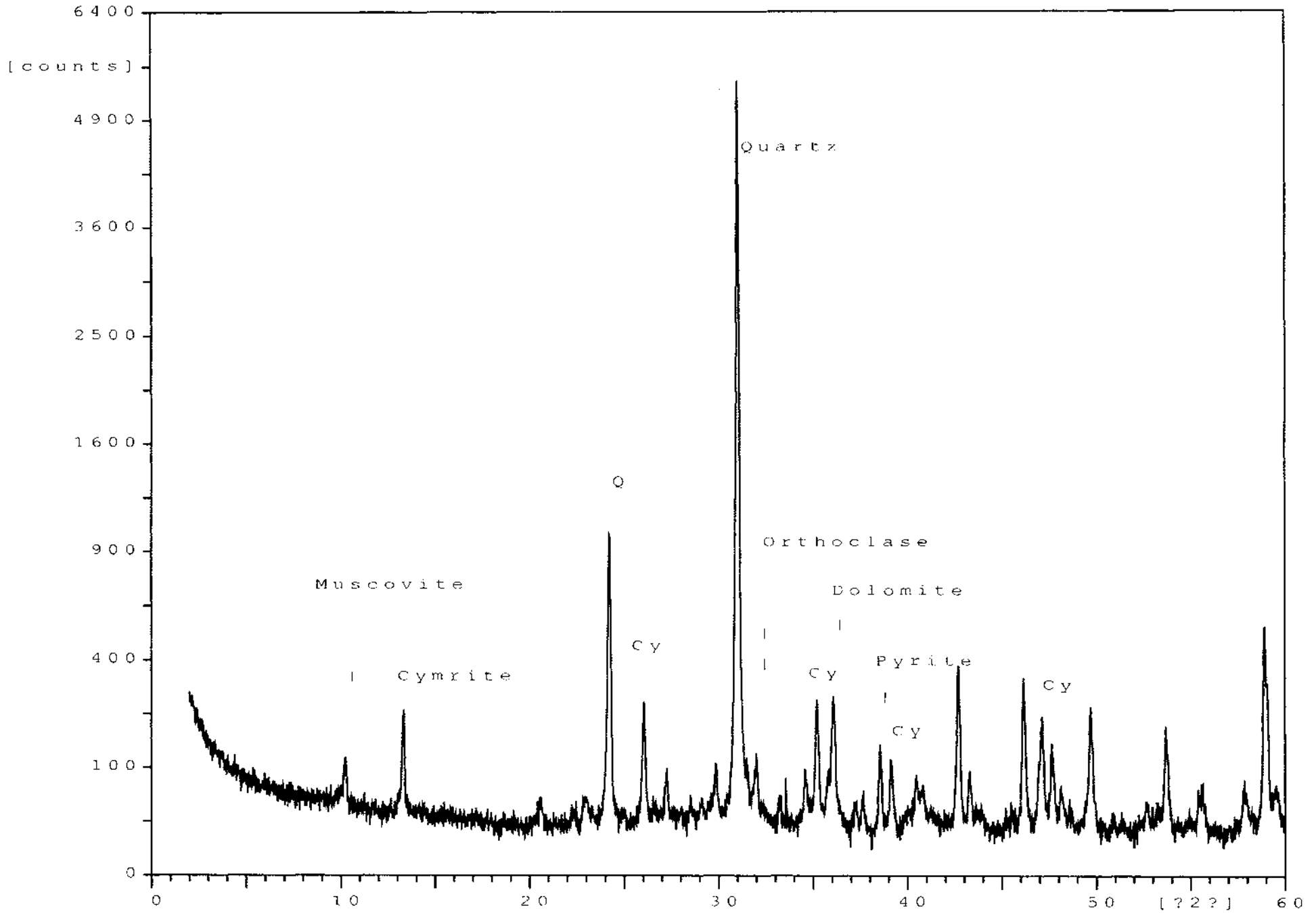
XRD reveals:

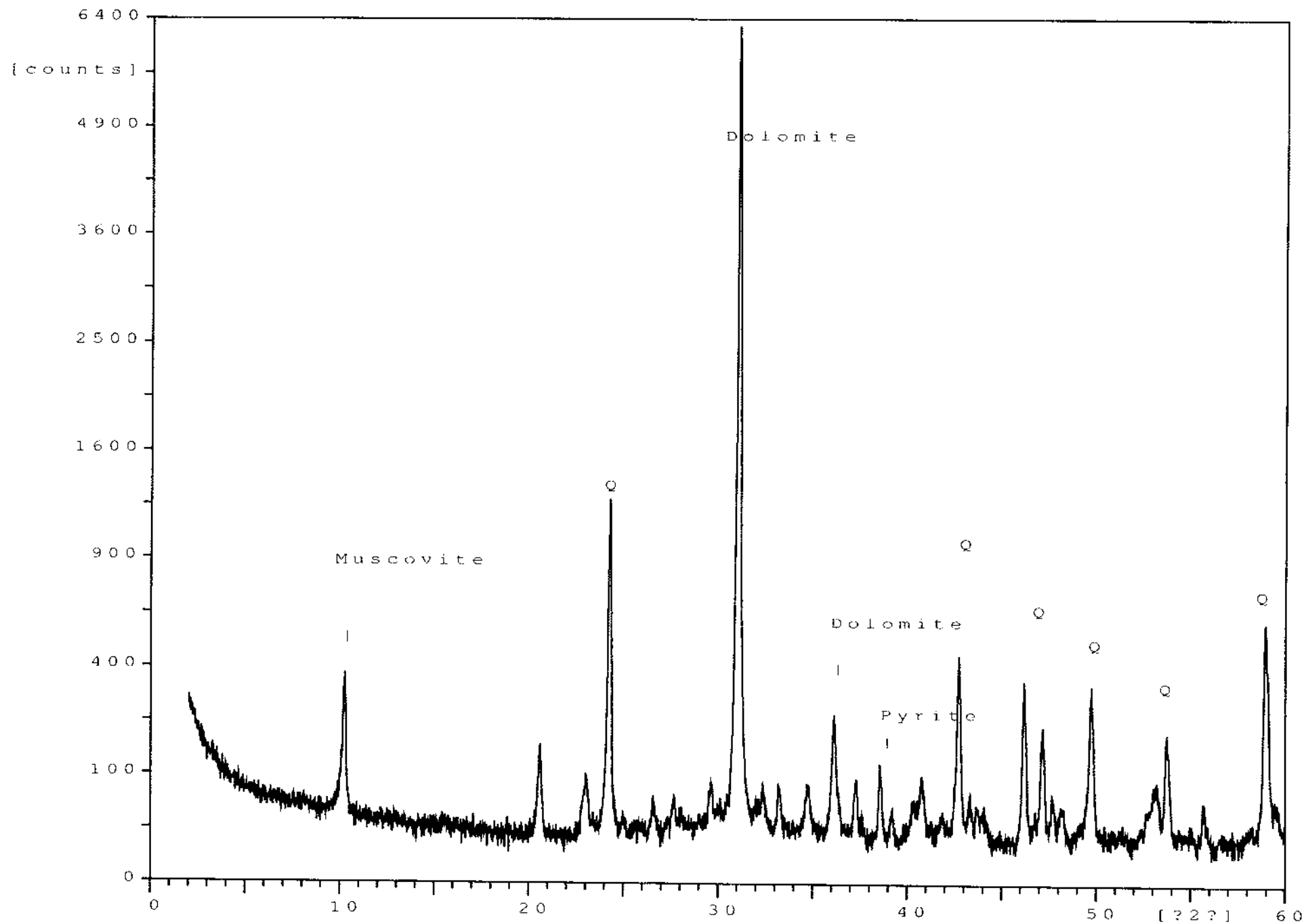
Tiger-A1 (#3A 213-218)	Muscovite	5%
	Quartz	88%
	Dolomite	3%
	Pyrite	2%
	Apatite	2%
Tiger-A2 (#3A 263-268)	Muscovite	2%
	Cymrite	4%
	(BaAlSiO-H2O)	
	Quartz	85%
	Orthoclase	2%
	Dolomite	4%
	Pyrite	3%
Tiger-A3 (#4A 259-264)	Muscovite	5%
	Quartz	90%
	Dolomite	3%
	Pyrite	2%

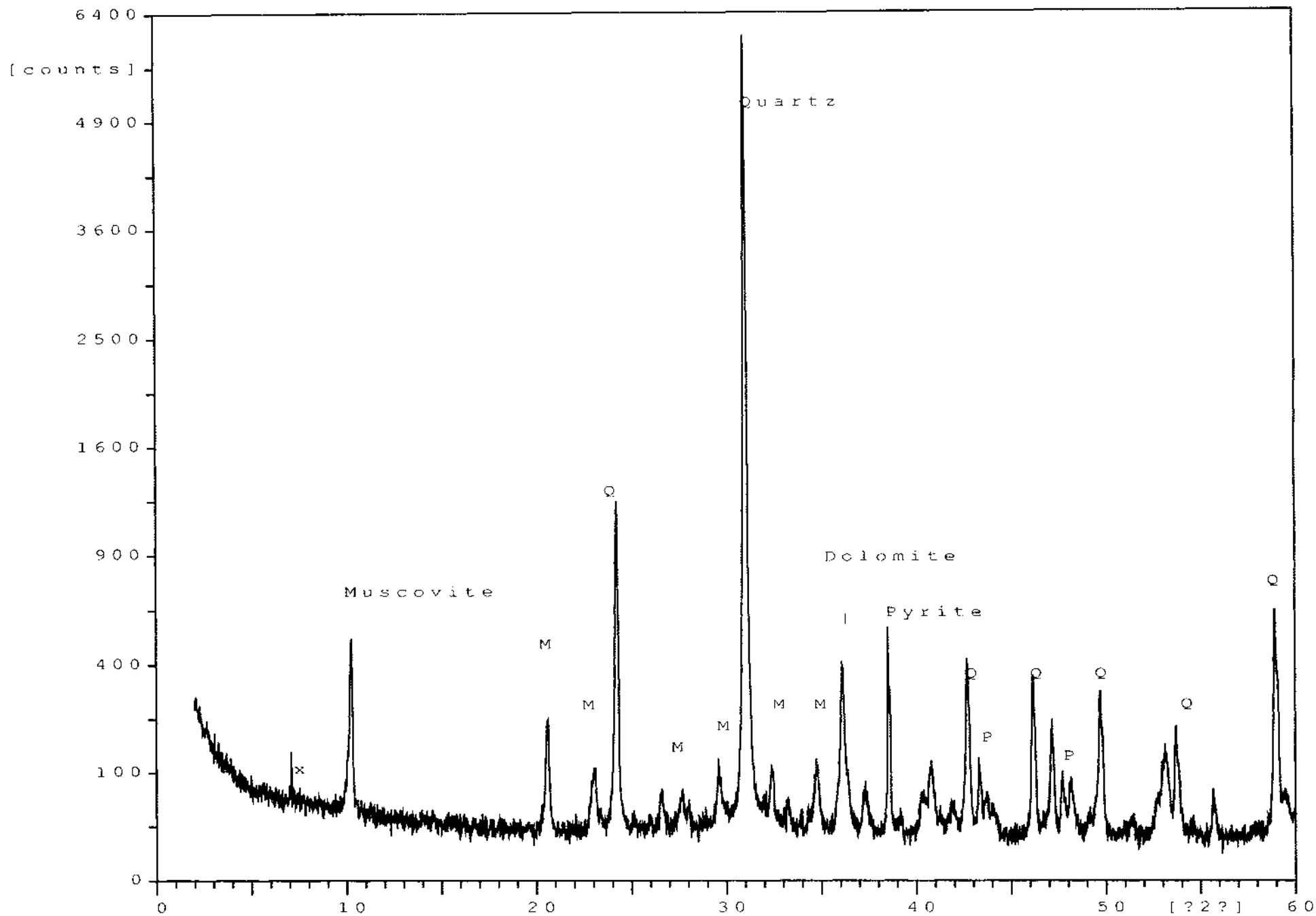
Tiger-A4 (#5a 238-243)

Muscovite	7%
Quartz	82%
Dolomite	5%
Pyrite	6%







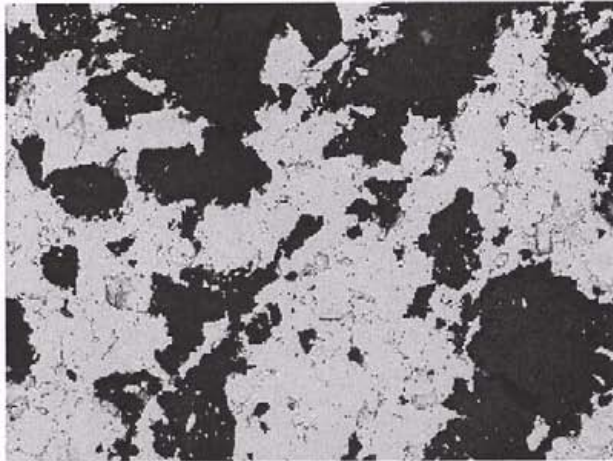




# GSC-Calgary

Image Set Report  
Wednesday, July 06, 2005

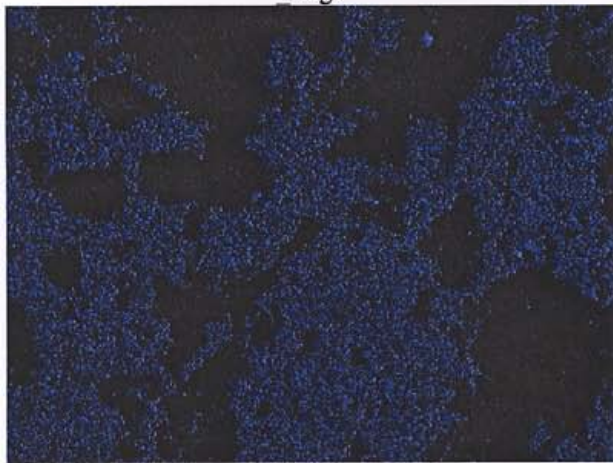
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Collected: July 06, 2005 12:55:46



Img1



MgKA



SKA

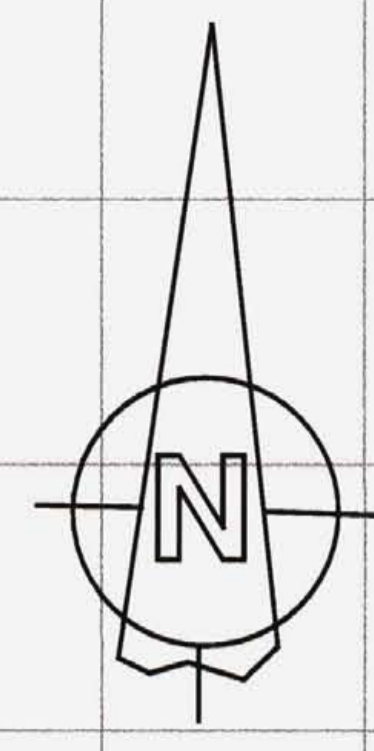
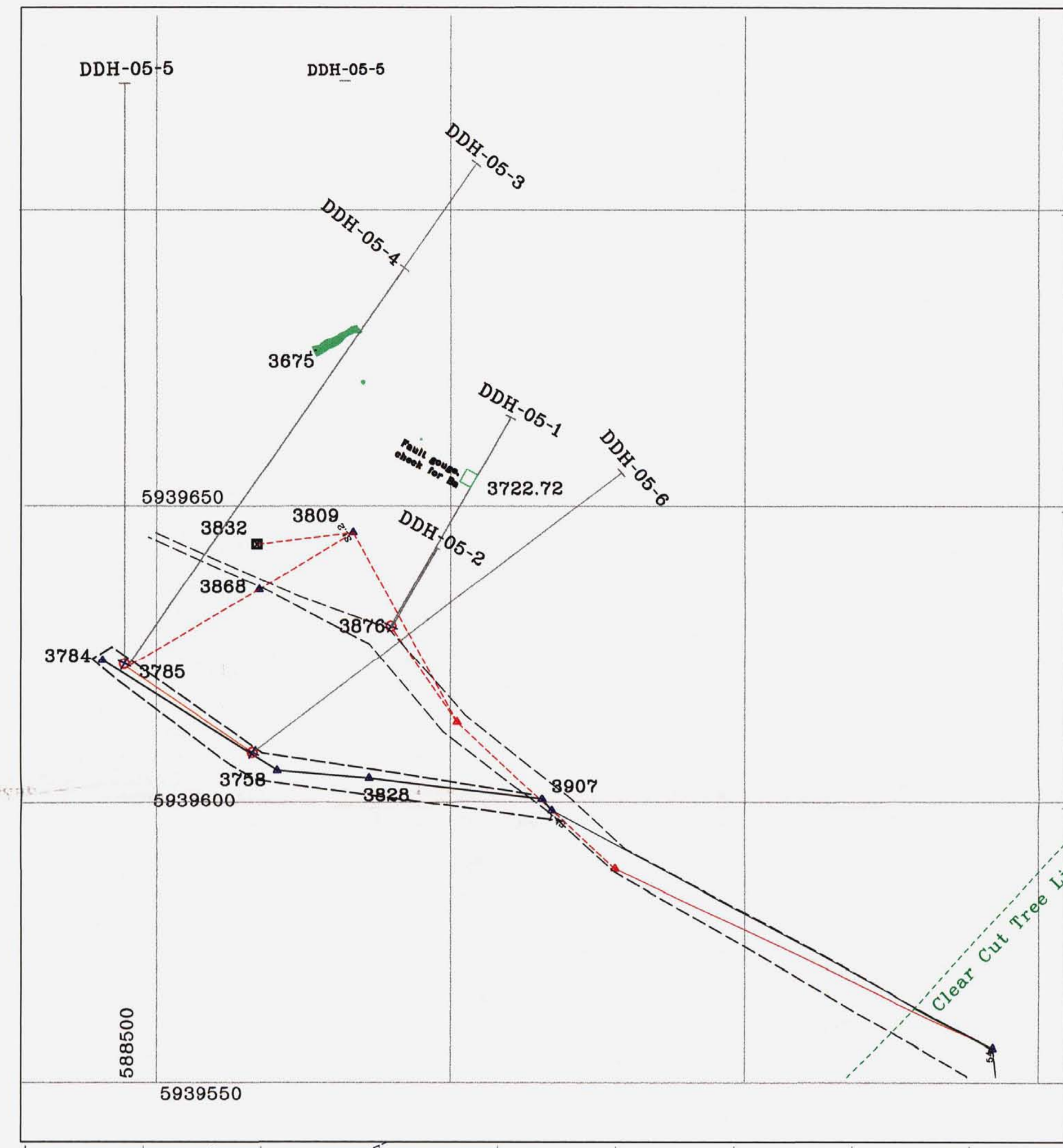


BaLA



CaKA





Tiger Ridge Resources Ltd  
 Apollo  
 Working Map  
 December 2005  
 Prepared By: Brad Willis B.Sc.Eng.



28475

