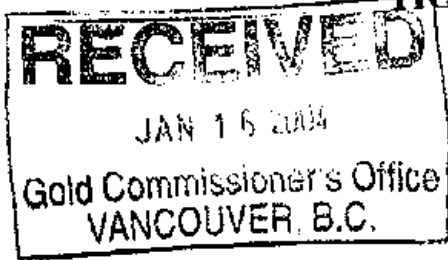


**TIGER RIDGE RESOURCES LTD**



**ASSESSMENT REPORT**

**SURELOCK PROPERTY  
Claim # 1-4 and # 9 - 12  
Golden Mining Division  
Frances Creek Area**

**NTS 82K/9  
Latitude 50° 44' 30"  
Longitude: 116° 25' 30"**

**Mineral Titles Reference Map  
M082K078**

By

**GEOLOGICAL SURVEY BRANCH**  
**Brad Willis, B.Sc. Eng. ASSESSMENT REPORT**  
President  
Tiger Ridge Resources Ltd.

January, 2004

27,312  
Calgary, Alberta

## TABLE OF CONTENTS

		Page
Introduction		1
Location & Access		1
Claim Information		3
Geology & Mineralization		3, 4
Diamond Drilling		5
Geophysical Survey		5
Exploration Trail Construction		5
Conclusion		6
Statement of Expenditures		7
Statement of Qualifications		8
Appendix 1: Diamond Drill Logs		9
Appendix 2: Diamond Drill Sections		10
Appendix 3: Magnetometer Data		11
<b>MAPS</b>		
Location Map	Figure 1	2
Property Map	Figure 2	Back
Diamond Drill Location Map	Figure 3	Back
Claim Map	Figure 4	Back

## ***INTRODUCTION***

Mr. Arthur Louie staked the Surelock Mineral claims in 1989. Mountain Minerals optioned the property from 1990 to 1992. During this time the following work was completed:

- Soil Geochemistry
- Geological Mapping
- Trenching
- Drifting
- Diamond drilling

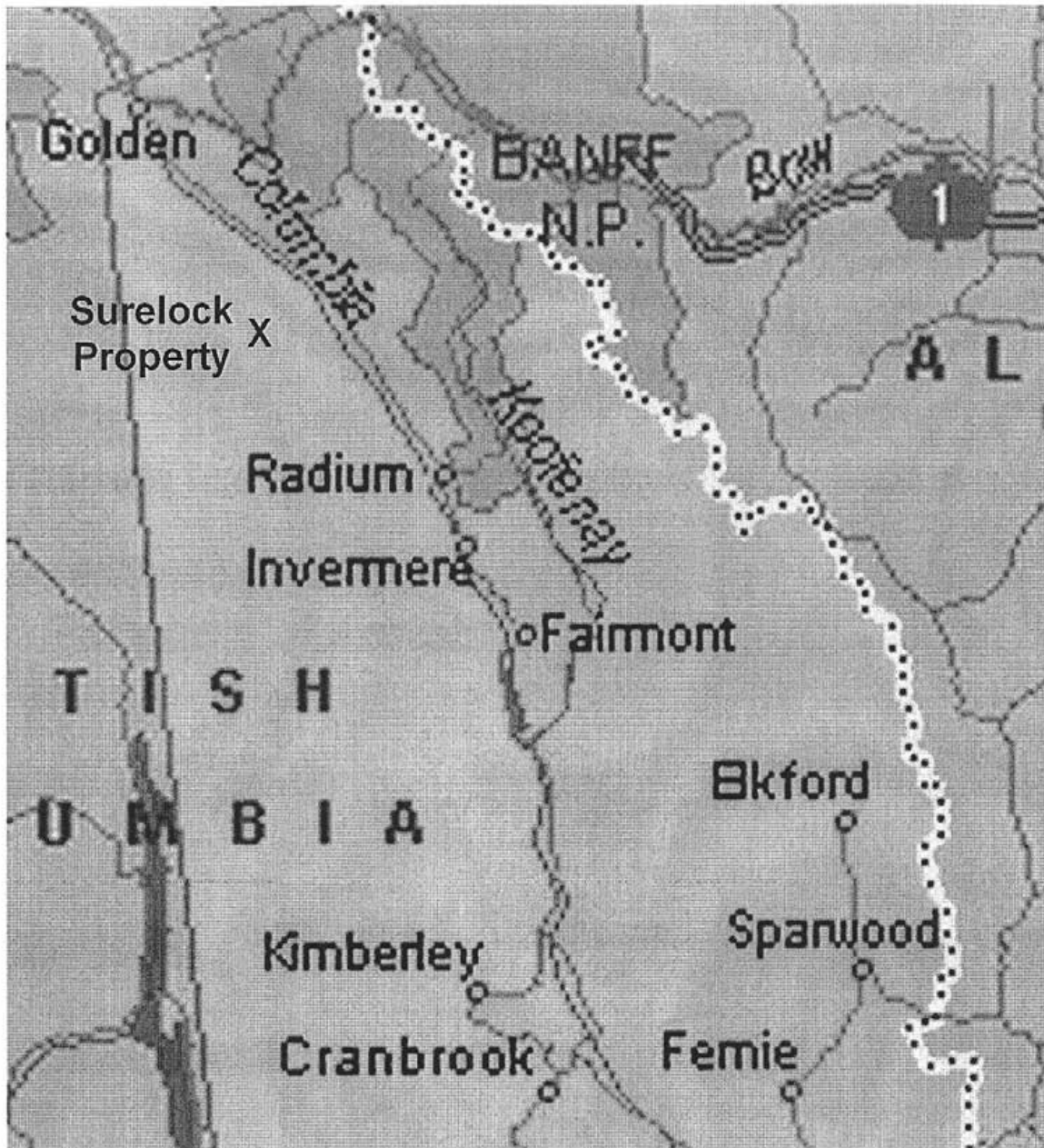
Mountain minerals dropped the property claims option and the property reverted back to Arthur Louie in 1993.

The summer of 2003 Tiger Ridge Resources Ltd optioned the property from Arthur Louie and completed a drill program designed to outline the potential ore body.

Diamond drilling was started on the lower portal area (200+100W) to confirm the drilling previously done in 1992. The barite fault was outlined with twenty-two diamond drill holes for a total of 1108.41 meters of drilling.

## ***LOCATION AND ACCESS***

The Surelock property is located 7.5 km. along the Frances Creek logging road. This road is accessed from the Lead Queen forestry service road and is approximately 50 km. from the town of Invermere. The Frances Creek road crosses the bottom of the claims and allows for very good access to the property.



LOCATION MAP

FIGURE 1

## **CLAIM INFORMATION**

The Surelock claims are located at Longitude 50° 44' 30", Latitude 116° 25' 30".  
The claim information is as follows:

<b>Claim Name</b>	<b>Tenure Number</b>	<b>Map Number</b>
SURELOCK #1	<u>116058</u>	<u>082K078</u>
SURELOCK #2	<u>116058</u>	<u>082K078</u>
SURELOCK #3	<u>116058</u>	<u>082K078</u>
SURELOCK #4	<u>116058</u>	<u>082K078</u>
SURELOCK #9	<u>116058</u>	<u>082K078</u>
SURELOCK #10	<u>116058</u>	<u>082K078</u>
SURELOCK #11	<u>116058</u>	<u>082K078</u>
SURELOCK #12	<u>116058</u>	<u>082K078</u>

## **GEOLOGY & MINERALIZATION**

The property is underlain by Upper Cambrian dolomite of the Mount Nelson formation. The dolomite is comprised of thin bedded, cryptocrystalline to coarsely crystalline dolomite. The regional bedding of the dolomite is dipping at 20° to the West and striking SE/NW. The dolomite on the west side of the fault is silicified and contains quartz fracture filling. On the eastern side of the fault the dolomite is a soft argillaceous dolomite which contains quartz breccia near the footwall of the fault.

The geological feature of interest is a North-Northwest fault breccia zone which crosscuts the Mt. Nelson dolomite at N295°W. The barite occurs as a secondary replacement as a barite matrix within a coarse dolomite breccia. The breccia is also made up of quartz matrix in zones which generally contain minimal amounts of barite. The quartz is not ingrained within the actual barite and represents a different sequence in the recementing of the breccia.

This fault breccia contains barite throughout the zone and has the highest grade located along the footwall contact. The footwall contact of the breccia is a green argillaceous dolomite which generally is brecciated and cemented with a quartz matrix. The green argillaceous dolomite changes to a maroon/gray dolomite east of the fault. The green argillite signifies the footwall of the barite zone and is a proven marker bed for the lower section of the fault. The footwall of the fault contains a massive barite breccia which is

as wide as 2.5m in some drill holes. The barite is not consistent along the fault and sometimes the breccia zone and footwall zone is replaced with quartz mineralization instead of barite.

A secondary zone of interest is the hanging wall side of the fault which is located to the West of the footwall and is generally a rubble zone containing empty voids and highly fractured dolomite. The barite occurring along the hanging wall side of the fault breccia is generally low grade and is present as a scattered breccia. The hanging wall zone ranges in thickness from 6 meters to minor occurrences and will make grade in some sections.

From the diamond drilling results we can project the fault up the mountain along strike to the upper showings of barite. The upper showings are located near the base line at 550+00W to 650+00W. Strong surface showings along the strike indicate that the fault and mineralization may be continuous from the 4300 ft. elevation to the 5100ft. elevation. Overburden covers the ground along the strike of the fault and further exploration will be required to prove up continuity of the barite breccia along this trend. The upper barite zone is about 30 meters wide and is a mix of scattered breccia and massive barite outcrop. The 295° trend of the fault lines up with these showings, indicating that this zone may be the continuation of the barite zone below.

## **DIAMOND DRILLING**

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

The initial drill holes were drilled perpendicular to the strike of the fault and were designed to confirm the earlier drilling completed by Mountain Minerals in 1992. The drill holes defined a fault breccia zone containing barite and quartz and confirmed the earlier drill results. The barite is confined to the breccia along the 295° striking fault and occurs as a fault breccia matrix within the coarse fragments of the dolomite. Along the footwall contact of the zone is a strong high grade barite breccia, which has intersections as wide as 2.5m of high grade barite. A lower grade breccia zone is encountered parallel to the footwall zone and contains barite in various grades. This zone contains 35% barite in places with widths up to 5m wide. The Dip of the fault breccia varies from -70° to -40°. The drilling proved that the ore body is continuous over a strike length of 95m (311') and is open for continuation along strike at both ends and to depth.

Drill targets on the lower area which were taken from the mag survey were drilled and the fault was encountered on two of the holes. A quartz breccia was in place at the contact on drill holes 03-30 and 03-31. The ground conditions at the 4250ft. elevation to 4170ft. elevation were very poor and the Diamec 251 diamond drill did not have the power to make it to the target depth along this trend.

## **GEOPHYSICAL SURVEY**

A magnetometer survey was implemented to crosscut the strike of the fault from the creek elevation at 4169ft. and to the upper showings at 5100ft. The grid lines were run at 50 meter intervals and magnetometer stations were set at 20 meter intervals. This work showed magnetic lows occurring along the fault trend and confirmed the possible presence of the fault widening at the upper showings. The mag work outlined the lower drill targets which did not get drilled to total depth.

## **Exploration Trail Construction**

Two exploration trails were constructed to gain access to drill targets. A Case 580 series 2 backhoe was used for the excavation of the trails. The upper trail branched off of the old trail to access the 4500ft. elevation and has a length of 272m and width of 3 meters. A second trail was constructed to access the lower drill sites and it has a length of 107m and width of 3 meters.

## **Conclusion**

The exploration program proved total barite reserves at the lower section of the fault to be 20,000 tonnes.

The barite fault has a potential strike length of over 600 meters and an elevation gain of 300m. Structural control was proven for 95m and further exploration along this fault will have to be done to prove up viable resources. The lower area (150+00 to 250+00) is open to depth and will require follow up drilling to improve reserves.

The upper showings have the potential for large reserves of barite, as these outcrops are much larger than those in the area that was drilled. Based on what we have learned on the lower fault breccia area there is very high potential for the upper area (550+00W to 650+00W). Based on the surface outcrop and magnetometer work, there is potential of having an orebody with probable strike length of 250m. Assuming the fault is consistent with the geology at the 4300-4500ft. areas, we know that the upper outcrops are much larger and the geology is consistent to that of the lower outcrops.

The property has very good potential for long term reserves with the priority to extend the zone to the upper showings. A diamond drill program should be implemented on the upper showings to prove continuity and improve reserves.



**Statement of expenditures**

Diamond Drilling:	3636.5 feet @ \$25/ft.	\$90,912.50
Magnetometer:	Labor - 6 days @ \$140/day	\$840.00
	Magnetometer rental - 2 days @ \$50/day	\$100.00
	Power saw rental - 2 days @ \$35/day	\$70.00
Mason's Backhoe	Exploration trail construction	\$2,400.00
<b>TOTAL</b>		<b>\$94,322.50</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 since that time.

**TIGER RIDGE RESOURCES LTD**

**SURELOCK PROPERTY  
Claim # 1-4 and # 9 - 12  
Golden Mining Division  
Frances Creek Area**

**Diamond Drill Logs  
Appendix 1**

**By**

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

**January, 2004**

**Calgary, Alberta**

**Tiger Ridge Resources Ltd.**  
**Surelock Property**  
**Diamond Drill Information 2003**

Drill Hole	Angle	Azimuth	Elevation	North	South	Total Depth	Meters
DDH-03-10	-60	022	4368	5620470.5	540786.5	157	47.85
DDH-03-11	-40	022	4368	5620470	540786	90	27.43
DDH-03-12	-80	017	4368	5620469.5	540786	108	32.92
DDH-03-13	-38	350	4368	5620471	540788	92	28.04
DDH-03-14	-60	350	4368	5620470	540788.4	108	32.92
DDH-03-15	-45	069	4368	5620474	540787.5	85	25.91
DDH-03-16	-70	069	4368	5620473.7	540786	89	27.13
DDH-03-17	-35	036	4512	5620498	540725	154	46.94
DDH-03-18	-55	036	4512	5620498	540725	161	49.07
DDH-03-19	-69	036	4512	5620498	540725	183	55.78
DDH-03-20	-45	067	4512	5620498	540725	176.5	53.80
DDH-03-21	-60	067	4512	5620498	540725	186	56.69
DDH-03-22	-60	078	4512	5620498	540725	197	60.05
DDH-03-23	-80	078	4512	5620498	540725	203	61.87
DDH-03-24	-45	018	4512	5620498	540725	185	56.39
DDH-03-25	-70	018	4512	5620498	540725	188	57.30
DDH-03-26	-90		4512	5620498	540725	234	71.32
DDH-03-27	-40	345	4512	5620498	540725	206	62.79
DDH-03-28	-70	345	4512	5620498	540725	208	63.40
DDH-03-29	-45	020	4257.8	5620498	540725	60	18.29
DDH-03-30	-70	030	4257.8	5620408	540823	200	60.96
DDH-03-31	-70	030	4226.3	5620380	540801	189	57.61
DDH-03-32	-50	095	4170.8	5620295	540827	177	53.95

Total feet drilled	<b>3636.50</b>
Total meters drilled	<b>1108.41</b>

**Surelock Property**

**Diamond Drill Record**

**Date:** June 10/03  
**Drill hole:** DDH-03-10  
**Angle:** -40  
**Bearing:** 022  
**Total Depth:** 157ft (47.85m)

**Coordinates**  
 Northing Easting  
 5620470.5N 540786.5E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	2	1.5	OB, grey dol
2	22		grey dol, bedding 60 degree-axis, fault gouge 13', 17-19'cherty dol
22	27		silicious grey dol, @23' fault/L.C. 50deg-axis
27	28.4		grey dol - silicious, cherty
28.4	31.2		grey dol
31.2	31.6		fault 65deg-axis
31.6	32.5		light gd, bedding 55deg-axis
32.5	33.5		brown weathered dol, very soft, shear
33.5	37		fractured grey dol with qtz stringers (60deg-axis)
37	38		rubble/breccia with quartz filling
38	42	1.2	silicious dol
42	45		fractured dol, minor breccia
45	57		breccia, 1.5" barite vein 60deg-axis
57	64.7		breccia, trace Ba, 10%qtz filling
64.7	65.2		black argillite, 1/4" Ba
65.2	69		Ba Breccia with qtz, 10%qtz, 10%Ba
69	71.3		0.3
71.3	75.3	Qtz breccia with argillite, 95%qtz	
75.3	77	2.5	Green argillite with minor qtz filling, Arg contact 85deg-axis
77	81		green arg
81	105		Green arg and maroon dol
105	108		maroon dol
108	119		green/grey/maroon dol
119	157		maroon dol. qtz breccia 147'-152'. TD 157'

Date: June 10/03

Drill hole: DDH-03-11

Angle: -40

Bearing: 022

Total Depth: 90ft (27.43m)

**Coordinates**

Northing Easting

5620470N 540786E

Elevation: 4368 ft.

Hole size: BQ

Hole Depth		Recovery Feet	Description
From	To		
0	15		Lt. Dol. quartz veins intruding the rock. Some broken ground.
15	24		Lt. Green dolomite, some quartz, some argillites in the dol.
24	32		Some darker dol with chert at 28', some oolites? Some small stringers qtz.
32	42		Lt grey dol to darker dol with disseminated iron. 34-35'.
43	44		Qtz and dol mixed in darker dol.
44	50		Lt green dol, broken ground, 1"ba at 49.2'. White dol, lt dol from 63.2-68'
49.3			Small ba vein - 1" thick
50.7			Small ba vein - 1" thick
52.7			Small 2" vein
53	55		Fault breccia zone
56	62		50%Ba in breccia
62	90		green argillicious dolomite w/qtz stringers

**Date:** June 10/03  
**Drill hole:** DDH-03-12  
**Angle:** -80  
**Bearing:** 017  
**Total Depth:** 108ft (32.92m)

**Coordinates**  
 Northing Easting  
 5620469.5N 540786E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	45		grey dol, odd stringer of qtz
45	66	18	grey dol, 3'void @63',
66	71.6	4.1	1.5'void @66.6'                      0.1' of 20% Ba at 70.5'
71.6	72.2		65% Ba in breccia
72.2	74		dol breccia/trace Ba
74	75.3		25%Ba in breccia
75.3	78.8		dol breccia/0.2' Ba at 78'
78.8	79		2 - 1/4" stringers of Ba
79	83.1		breccia with 1-2"Ba and 1-1/2" Ba
83.1	85		10%Ba in breccia
85	88	1	wash out, soft rubble, breccia
88	88.5		green argallicious rubble
88.5	90		green argallite qtz breccia
90	108		green argallicious dolomite with qtz stringers
			TD 108 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-13  
**Angle:** -38  
**Bearing:** 350  
**Total Depth:** 92ft (28.04m)

**Coordinates**  
 Northing Easting  
 5620471N 540788E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	25	24	grey dol, bedding at 45degree to axis of core, 1'void @ 23', qtz stringers abundant
25	37		grey dol, 0.6' of black dol at 32'
37	44.5	6.5	fault, brown weathered, Breccia 39'-43', 1' void at 42', broken ground
44.5	56	8.5	broken rubble, grey dol
56	58		grey dol
58	59		10%Ba in breccia
59	66	3	5' broken void
66	68		green argillite with 20%qtz breccia
68	92		green argillite with odd stringer of qtz
			TD 92'



**Date:** June 10/03  
**Drill hole:** DDH-03-14  
**Angle:** -60  
**Bearing:** 350  
**Total Depth:** 108ft (32.92m)

**Coordinates**  
 Northing Easting  
 5620470N 540788.4E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	24.6		silicious grey dol with odd qtz stringer
24.6	40		grey dol, 0.4' dark dol at 27', 0.6' shear at 30', 36'-37' 0.2'breccia
40	45		fault breccia, grey dol/white dol, minor barite 5%
45	51.4		fractured grey dol w/qtz stringers
51.4	58	3	coarse fragments in breccia, 5'rubbly void, minor ba
58	61.5	1	ba pebbles, poor recovery
61.5	68.2		40%barite in breccia
68.2	71.5		qtz/argillicious breccia
71.5	108		green and maroon dol
			TD 108 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-15  
**Angle:** -45  
**Bearing:** 069  
**Total Depth:** 85ft (25.9m)

**Coordinates**  
 Northing Easting  
 5620474N 540787.5E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	25		bad ground/grey dol with qtz stringers
25	33		grey dol
33	34		brown shear
34	43.6		fractured grey dol with qtz stringers
43.6	44.5		white dol barite breccia, 20%Ba
44.5	49	4.5	1' void @46", broken rubble
49	50		breccia, trace Ba
50	56.8	5.8	Lt.grey dol
56.8	60		Ba breccia, 40%Ba, 5%qtz.
60	65		Ba qtz breccia, 10%Ba
65	70.5		white dol qtz breccia, oxidized 5%Ba
70.5	85		green argillite with qtz stringers
			TD 85 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-16  
**Angle:** -70  
**Bearing:** 069  
**Total Depth:** 89ft (27.13m)

**Coordinates**  
 Northing Easting  
 5620473.7N 540786E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	50		grey dol w/qtz stringers
50	52		fault, brown weathered zone
52	54		grey dol w/qtz stringers
54	56	0.6	1.5' void, rubble, grey dol breccia
56	68		Ba breccia, mix of grey dol/white dol/qtz and Ba (14%Ba zone)
68	74.1		Ba breccia, 80%Barite, 10%Qtz
74.1	75.6	0	Void, no recovery footwall at 75.6'
75.6	89		green argillite
			TD 89'

**Date:** June 10/03  
**Drill hole:** DDH-03-17  
**Angle:** -35  
**Bearing:** 036  
**Total Depth:** 154ft (46.94m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	44	2.5	grey dol, dark dol at 30', shear 40degree to axis at 29'
44	84		grey dol, Ba stringer at 84'
84	87		grey dol, fault gouge brown weathered at 84'
87	90		weathered brown fault breccia
90	91		grey dol
91	105		grey dol with white dol fracture filling, 6"weathered shear @96'
105	111		white dol fractures running 60degree to axis of core
111	114		white dol breccia with qtz filling, 50% qtz.
114	122		breccia w/white dol & qtz
122	124.4		white dol/qtz breccia, 0.2' Ba @120', 0.5' of 10%Ba at 123'
124.4	124.8		breccia w/white dol & qtz 5%Ba
124.8	136.7		90%Ba in breccia
136.7	139		Ba Breccia, 20%Ba in white dol/qtz breccia
139	154		90% Ba lost 2.7' core in bad ground from 134'-136.7'
		brown iron stained argillicious dol, 1/4" Ba @ 147'	
		TD 154 ft.	

**Date:** June 10/03  
**Drill hole:** DDH-03-18  
**Angle:** -55  
**Bearing:** 036  
**Total Depth:** 161ft (49.07m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	126		grey dol, silicious, odd qtz stringer
126	128		fault breccia, white dol fragments with qtz matrix
128	142		grey dol.
142	144		grey dol with white dol and qtz
144	147		fault gouge/ white dol, trace Ba
147	151		barite qtz white dol breccia, 40%Barite FW 151
151	161		argillicious dol
			TD 161 ft

**Date:** June 10/03  
**Drill hole:** DDH-03-19  
**Angle:** -69  
**Bearing:** 036  
**Total Depth:** 183ft (55.78m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	113		grey dol, silicios, hard drilling
113	116.8		breccia, grey dol matrix qtz filling, 5%Ba
116.8	168		grey dol, odd qtz stringer, 124'dark dol (oolites?)
168	169.7		rubble, ground core, fault zone
169.7	178		Barite breccia zone, 50%Ba, As follows
169.7	170.2		0.5' Ba
171.3	172.5		60%Ba in breccia
172.5	173.6		10%Ba in breccia
173.6	177.4		70%Ba in breccia
177.4	183		green argillite
			Footwall
			TD 183 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-20  
**Angle:** -45  
**Bearing:** 067  
**Total Depth:** 176.5ft (53.8m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	100		grey silicious dol
100	120.5		abundant qtz stringers, 116.5' fault gouge
120.5	138.3		odd stringer of qtz in grey dolomite
138.3	164		barite breccia/qtz in part, zone as follows:
138.3	139.4		pure white 100%Barite.
139.8	140.5		80% ba in breccia
141.4	141.7		50% Ba in breccia
144.5			0.1' Ba
149.7			0.2' of 80% Ba
152			small stringer of Ba
152.9	153.4		100% Ba
153.4	154.4		40% Ba
154.4	157.4		qtz breccia, no ba present
157.4	157.6		30%Ba in breccia
157.6	164		grey dol/white dol/qtz breccia 40%qtz
164	176.5		argillicious brown dol
			Footwall 164'
			TD 176.5

**Date:** June 10/03  
**Drill hole:** DDH-03-21  
**Angle:** -21  
**Bearing:** 067  
**Total Depth:** 186ft (56.69m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	83.5	0	grey dol, qtz in fractures
83.5	90		grey dol, fault gouge at 90', qtz running 50degree to axis
90	96		fault breccia, dolomite fragments with qtz filling
96	138.5		grey dol, shear at 126.5'/130'/133', Ba stringer at 125'
138.5	163.5		grey dol, faulted/broken ground at 149' & @ 150'-155', 0.1' ba stringer @156'
163.5	164.5		solid 100% barite
164.5	167		rubble, Footwall
167	186		green argillite
			TD 186 ft.



**Date:** June 10/03  
**Drill hole:** DDH-03-22  
**Angle:** -60  
**Bearing:** 078  
**Total Depth:** 197ft (60.05m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	142		grey dol, odd qtz stringer
142	150.3		grey dol, abundant qtz stringers
150.3	150.6		30%Ba in breccia
150.6	152.3		grey dol/qtz stringers
152.3	158.8		grey dol, Ba stringers - 0.1'@152.3, 0.1'Ba@152.8
158.8	159.8	0	Void,
159.8	169	5.2	Breccia, minor ba, 2-2' voids, Fault
169	182		Ba Zone, Ba in breccia, 0.1'@169'n, 0.1'@170.3, 70%Ba@175.2-175.8 176'-0.5' wash out w/small chunks of Ba, 90%+Ba@179.6-180 60%Ba @180.5-182
182	197		maroon/grey/green arg dol
			TD 197 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-23  
**Angle:** -80  
**Bearing:** 078  
**Total Depth:** 203ft (61.87m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	110		grey silicious dol
110	184		grey dol/qtz breccia
184	190		grey dol, fault gouge at 184 - carries disseminated pyrite
190	190.85		0.2' Ba
190.85	191.85		85% Ba Ba breccia zone 190'-195'
191.85	193.4		0.15' Ba,
193.4	195		50% Ba
195	203		green arg/qtz breccia in part.
			TD 203

**Date:** June 10/03  
**Drill hole:** DDH-03-24  
**Angle:** -45  
**Bearing:** 018  
**Total Depth:** 185ft (56.39m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	104		grey silicious dol
104	104.5		grey dol/qtz breccia
104.5	106.5		dark grey dol with qtz stringers
106.5	124.5		white dol qtz breccia, 1' void @113' & 119'
124.5	129.5		grey dol breccia with green argillite in fract.
129.5	131		breccia
131	131.7		0.4' 90%Ba, 0.4' 30%Ba
131.7	136		grey dol, 1/2" ba @136'
136	138		breccia, 5%Ba
138	141.2		Ba breccia 35%Ba
141.2	141.9		trace Ba 131-141.9 - rotten fault zone
141.9	149		brown fault breccia, trace barite
149	153		brown weathered dol, minor breccia
153	161		green argillite breccia, 0.1'Ba @156 & 157'
161	164.5		green argillite breccia, 0.2'Ba @162'
164.5	167.8		60%Ba in argillicious breccia
167.8	174		argillicious breccia 0.4' of 70%Ba @173'
174	185		green argillite
			TD 185'

**Date:** June 10/03  
**Drill hole:** DDH-03-25  
**Angle:** -70  
**Bearing:** 018  
**Total Depth:** 188ft (57.30m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	80		grey dol with qtz stringers
80	107		grey dol, 0.5' fractured brecca at 102'
107	118		fractured and brecciated grey dol and white dol fragments
118	121		grey dol
121	124		grey dol with qtz stringers, 30%qtz
124	125		grey dol
125	125.5		pure white barite
125.5	126		brown weathered shear
126	138		grey dol, odd qtz stringer
138	148		bad ground, broken grey dol
148	152		vuggy white dol
152	157.8		fractured grey dol, fault gouge, minor barite
157.8	162.7		5%barite in weathered fault breccia
162.7	169		Barite zone, 3' of 85% - the rest is 35%Ba
169	170		brown weathered shear                      footwall
170	188		green argillite
			TD 188

**Date:** June 10/03  
**Drill hole:** DDH-03-26  
**Angle:** -90  
**Bearing:**  
**Total Depth:** 234ft (71.32m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	84		grey dol & qtz stringers
84	85		dark grey dol, abundant qtz stringers (30%)
85	101		grey dol & qtz stringers
101	119		lt. grey dol, 115-119 sheared breccia
119	121		grey dol & qtz stringers
121	122.2		white dol breccia
122.2	156		grey dol, bedding 20degree to core axis.
156	174		grey dol/brown dol intermixed
174	199		grey dol
199	209.5		white dol qtz breccia, No Ba
209.5	215		green argillite qtz breccia      footwall
215	234		green argillite
			TD 234

**Date:** June 10/03  
**Drill hole:** DDH-03-27  
**Angle:** -40  
**Bearing:** 345  
**Total Depth:** 206ft (62.8m)

**Coordinates**  
 Northing Easting  
 5620498N 540725.5E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	139		grey dol, odd qtz stringer
139	141		grey dol, 1' void at 140, 1'washout 140.5
141	146		fault breccia, coarse fragments
146	156		grey dol, minor ba at 154,
156	161		white dol/qtz breccia
161	168		weathered qtz/dol breccia Trace Ba
168	179		brown/orange argillicious dol Footwall
179	183		green argillite
183	206		green and maroon dolomite
			TD 206

**Date:** June 10/03  
**Drill hole:** DDH-03-28  
**Angle:** -70  
**Bearing:** 345  
**Total Depth:** 208ft (63.4m)

**Coordinates**  
 Northing Easting  
 5620498N 540725E  
**Elevation:** 4512 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	103		grey dol, odd qtz stringer
103	123		grey dol, 115-116 2" white dol breccia, 118 small pyrite stringer, 119-121 breccia
123	130		grey dol, fractured breccia in part
130	136		broken core
136	144		3"black dol breccia at 142', shearing at 143'
144	159		grey dol, odd qtz stringer
159	160		green argillite, looks bedded
160	166		grey dol
166	177.6	6	coarse dolomite fragments in breccia, No Ba
177.6	178		breccia with minor barite
178	179		90%+ barite
179	181		75% barite in breccia
181	183.3		40% barite in breccia
183.3	184		qtz/green argillite breccia footwall
184	199		broken core/rubble, green argillite
199	208		maroon & green dolomite
			TD 208

**Date:** June 10/03  
**Drill hole:** DDH-03-29  
**Angle:** -45  
**Bearing:** 020  
**Total Depth:** 60ft (18.28m)

**Coordinates**  
Northing Easting  
5620498N 540725E  
**Elevation:** 4257.8 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	60		very poor recovery, broken rubble, hole abandoned due to poor hole conditions



**Date:** Sept 18/03  
**Drill hole:** DDH-03-30  
**Angle:** -45  
**Bearing:** 030  
**Total Depth:** 200ft (60.96m)

**Coordinates**  
 Northing Easting  
 5620408N 540823E  
**Elevation:** 4368 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	56		30ft. Casing, rubble, grey dol
56	72		green argillite, 1"Ba @64', 1/4"@66', 2"@75'
72	95		fractured grey dol w/brown weathered dol mixed, vis disseminated pyrite
95	98		broken core
98	100		lt.creamy dol breccia
100	104.5		white dol/qtz breccia, trace Ba, vis pyrite, footwall contact 104.5ft.
104.5	115		green argillite
115	200		green and maroon dol.
			TD 200 ft.

**Date:** June 10/03  
**Drill hole:** DDH-03-31  
**Angle:** -70  
**Bearing:** 030  
**Total Depth:** 189ft (57.6m)

**Coordinates**  
**Northing**    **Easting**  
 5620380N    540801E  
**Elevation:** 4226.3 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	35		casing at 30', ob, rubble, grey dol
35	55		rubble, sandy breccia
55	58		green argilicious dol
58	61.5		mix green arg dol and grey dol in qtz breccia
61.5	69.3		grey dol with qtz stringers
69.3	80		grey dol, some brown weathered dol, minor breccia, lost circ @ 72'
80	88.8		lt grey dol, vis pyrite, bedding 40 deg to core axis
88.8	105		qtz stringers and minor breccia, grey dol
105	106		qtz white dol breccia
106	108.5		green argillite, Footwall contact 106ft.
108.5	118		argillite qtz breccia
118	131		green argillite with minor breccia, bedding 65 deg to axis
131	157		argilicious dol
157	189		maroon and green dolomite.
			TD 189

**Date:** Sept. 23/03  
**Drill hole:** DDH-03-32  
**Angle:** -50  
**Bearing:** 095  
**Total Depth:** 177ft (53.95m)

**Coordinates**  
 Northing Easting  
 5620295N 540827E  
**Elevation:** 4170.8 ft.  
**Hole size:** BQ

Hole Depth		Recovery Feet	Description
From	To		
0	76	1.4	rubble & overburden, very tough drilling, very poor recovery
76	83	1.5	grey dol, poor recovery
83	94	2.5	set casing at 86ft. white dol, grey dol, weathered dol
94	99	2	grey dol, poor recovery
99	100	1	grey dol
100	103	0.8	grey dol
103	104	0.5	grey dol
104	106	1	creamy grey dol, 4" mud seam
106	142		grey dol, clay/mud with in fractures of dol 119-123 mud & rubble, 123-142 mud/clay filled breccia
142	146	3.4	grey dol
146	155	1.5	2' of cave in, grey dol
155	166	7	grey dol, qtz stringers at 165
166	176	2	grey dol
176	177		grey dol
			TD 177
			Very tough drilling - hole abandoned at 177ft.

**TIGER RIDGE RESOURCES LTD**

**SURELOCK PROPERTY  
Claim # 1-4 and # 9 - 12  
Golden Mining Division  
Frances Creek Area**

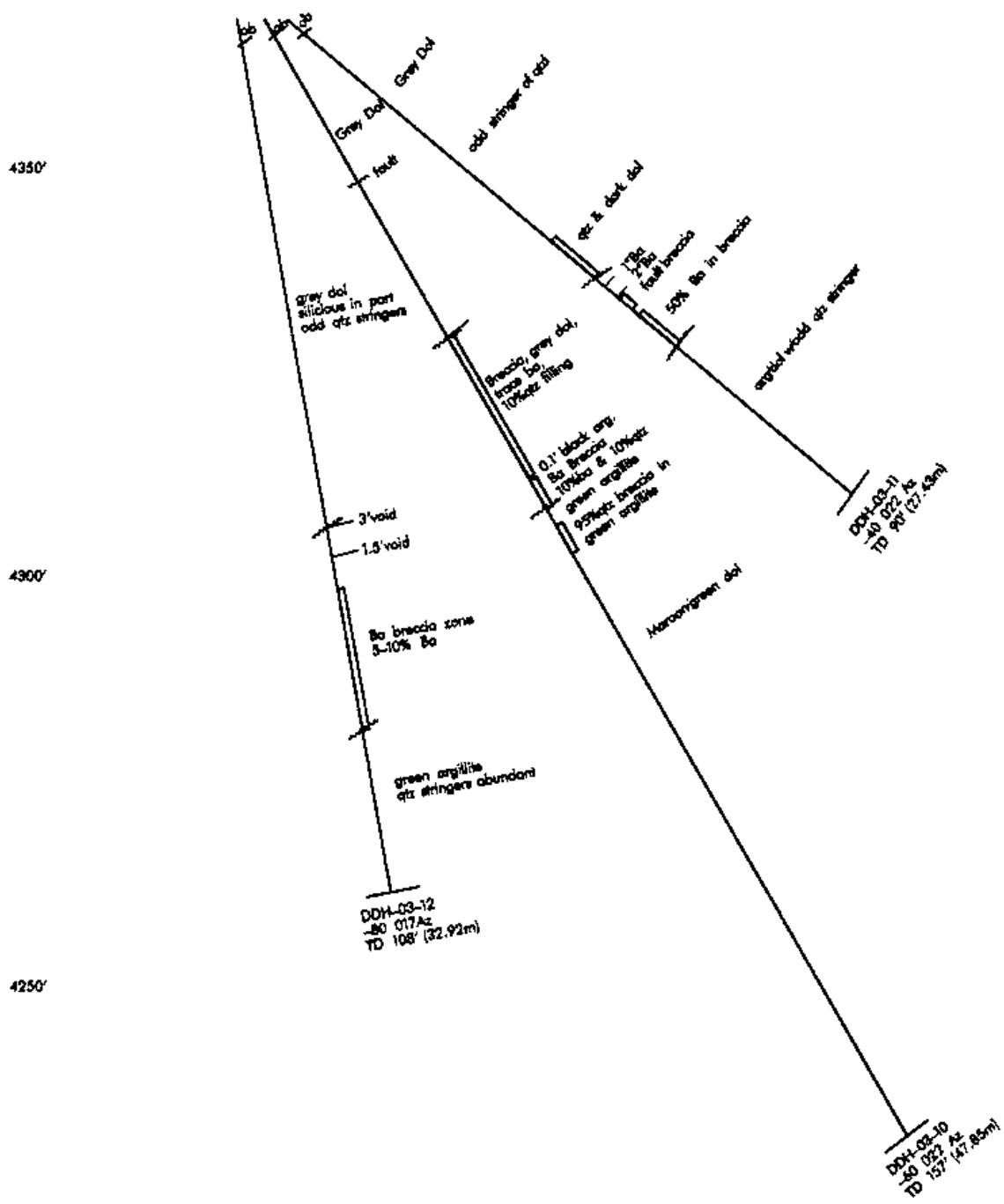
**Diamond Drill Sections  
Appendix 2**

**By**

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

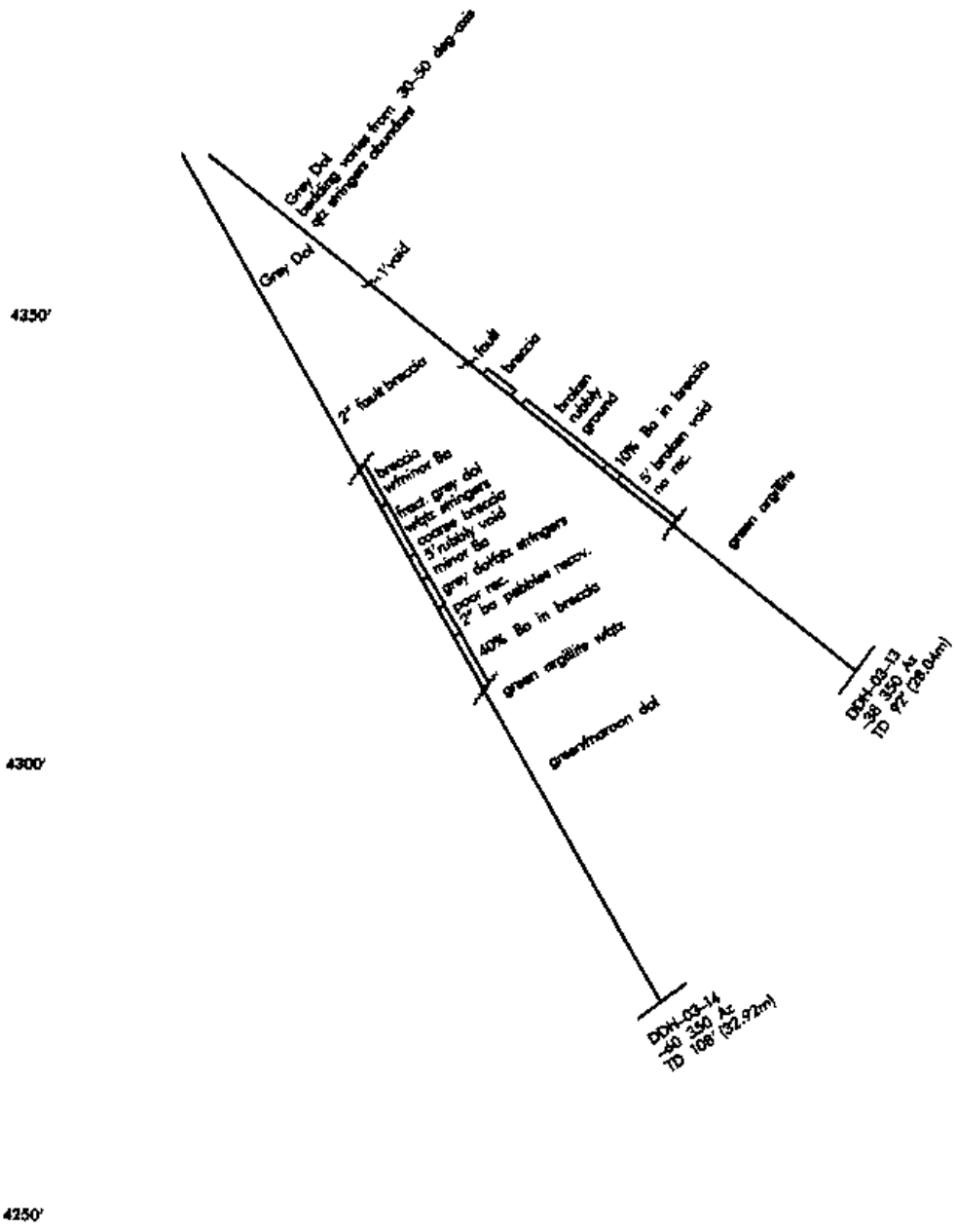
**January, 2004**

**Calgary, Alberta**



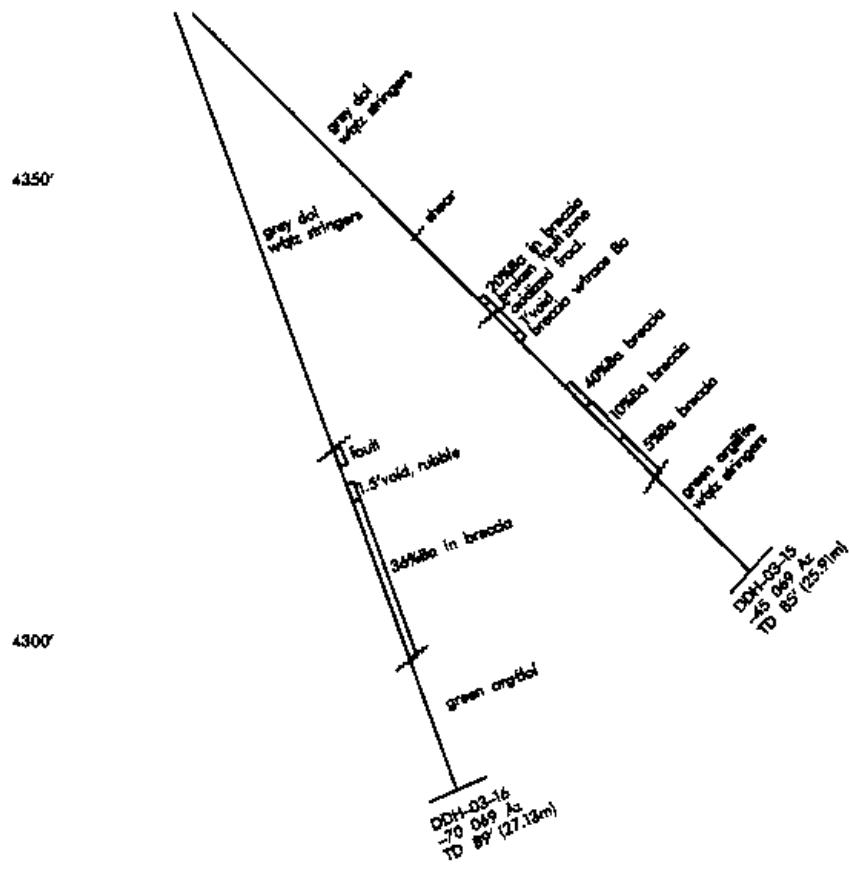
Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-10,11,12  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet      0 3 meters



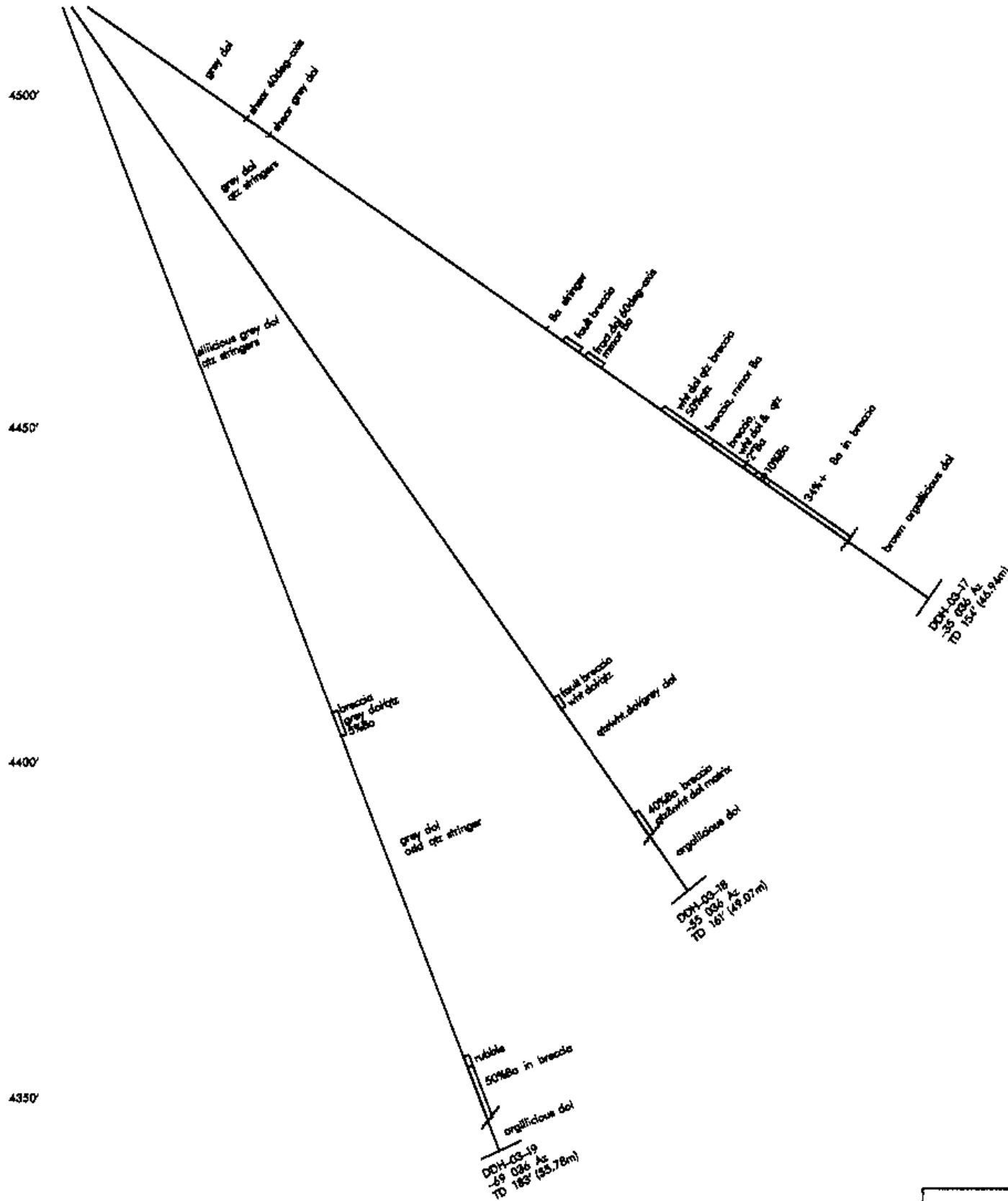
Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-13, 14  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet      0 5 meters



Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-15, 16  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet      0 5 meters



Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-17,18,19  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet      0 2 meters

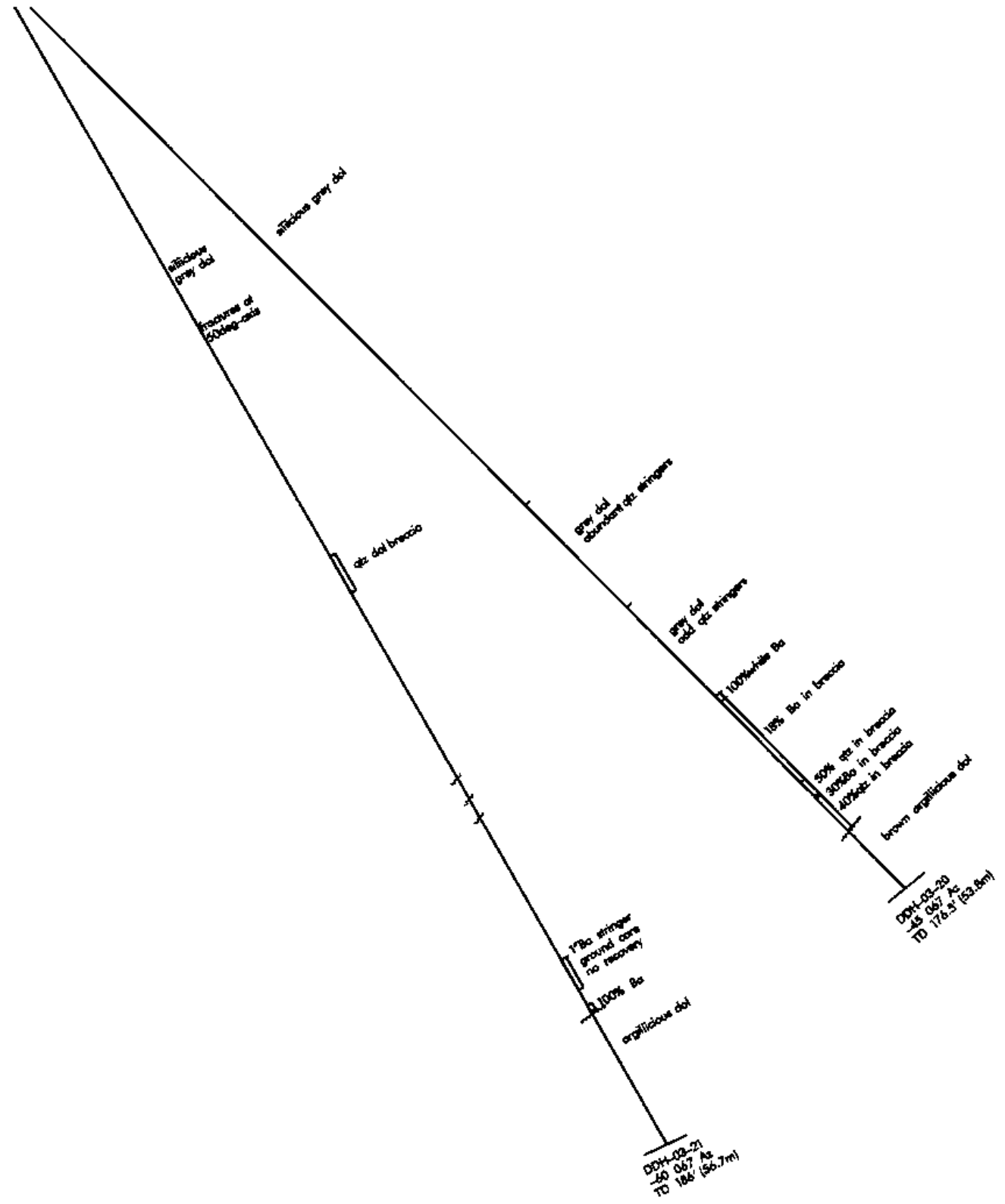


4500'

4450'

4400'

4350'



Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-20, 21  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet      0 3 meters

4500'

4450'

4400'

4350'

siliceous grey dol

siliceous grey dol

grey dol abundant ab stringers  
Ba stringers  
40% Ba combined

1' void  
Breccia  
minor Ba  
2-2' voids

15% Ba in breccia  
over 13'

25% Ba in breccia  
over 6.2'

argillaceous dol

35% Ba in breccia  
argillaceous dol

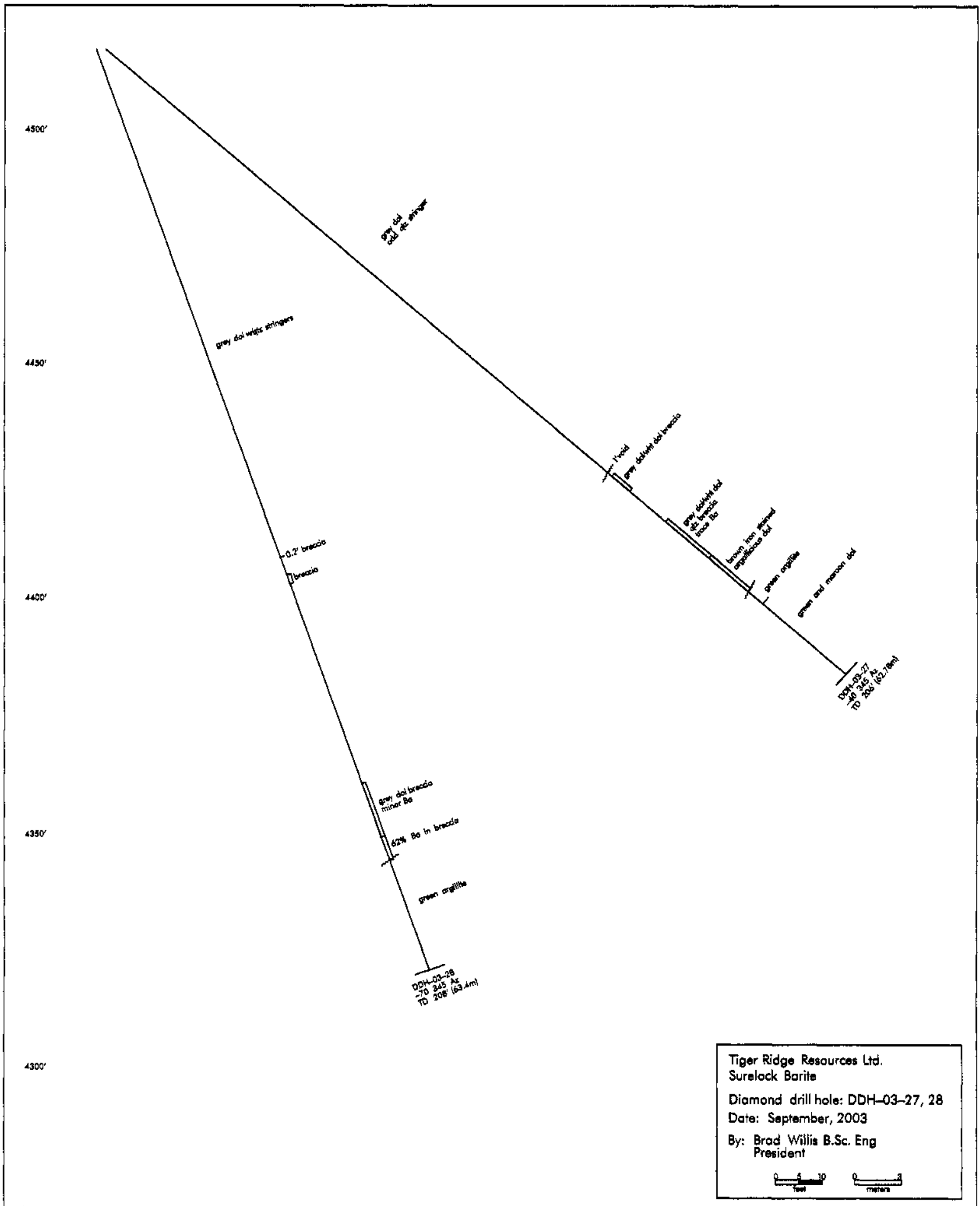
DDH-03-23  
-80 078 Ac  
TD 203' (61.87m)

DDH-03-22  
-80 078 Ac  
TD 197' (60.05m)

Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-22, 23  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President







4250'

grey silty  
very hard broken ground

abandon hole due to  
poor hole conditions

DDH-03-29  
15 000 ft  
TD 60 (18.28m)

4200'

4150'

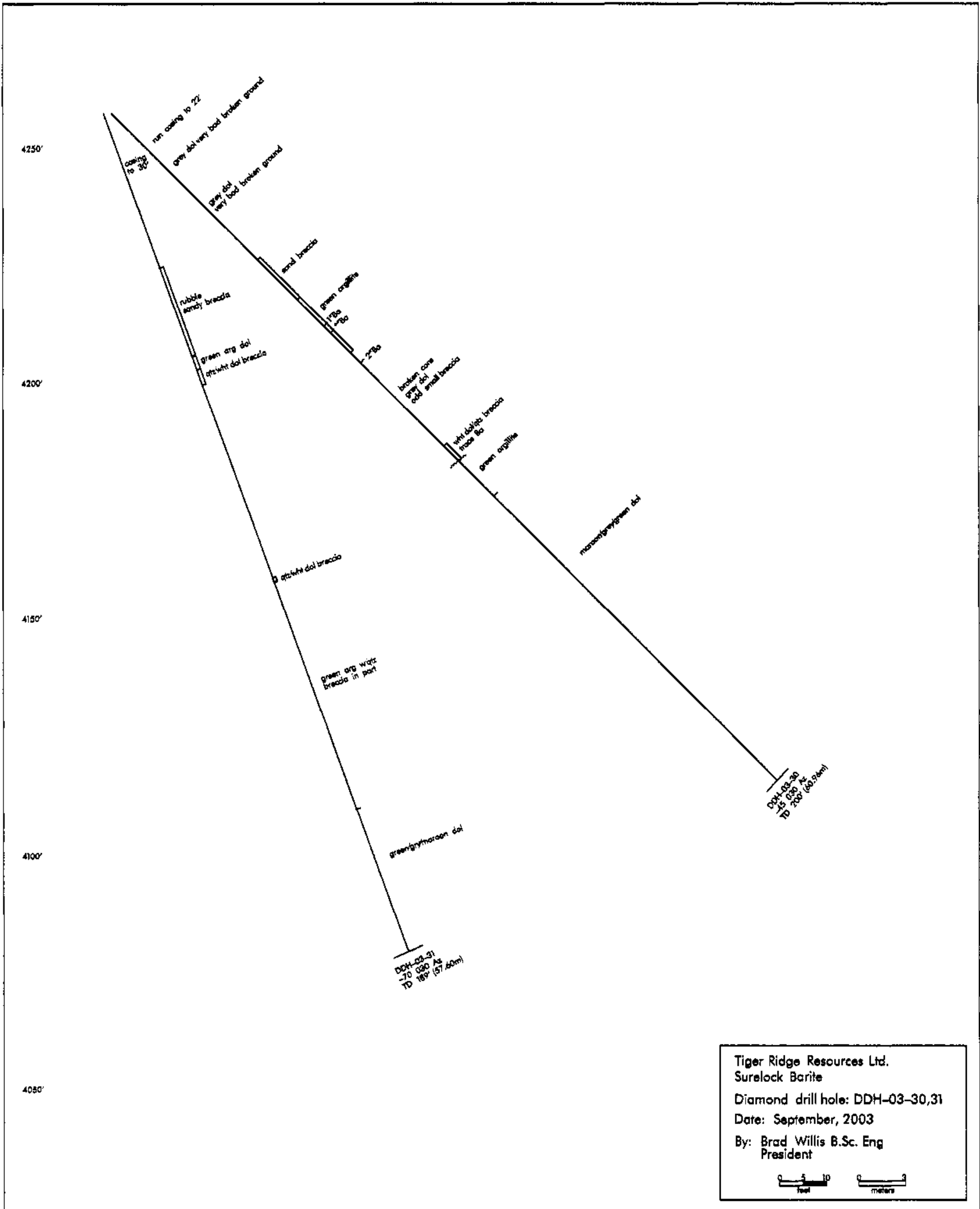
4100'

4050'

Tiger Ridge Resources Ltd.  
Surelock Barite  
Diamond drill hole: DDH-03-29  
Date: September, 2003  
By: Brad Willis B.Sc. Eng  
President

0 5 10  
feet

0 3  
meters



Tiger Ridge Resources Ltd.  
 Surelock Barite  
 Diamond drill hole: DDH-03-30,31  
 Date: September, 2003  
 By: Brad Willis B.Sc. Eng  
 President

0 5 10 feet  
 0 3 meters

4150'

4100'

4050'

4000'

3950'

run casing to 86'

Subsidiary bed  
ground from G-177  
very poor recovery through out  
hole. No grey bed with 60% phos.  
No 80% no markers present.  
Abandon hole at 177 due to poor  
hole conditions.

DDH-03-32  
30 095 34  
TD 177 (83.94m)

Tiger Ridge Resources Ltd.  
Surelock Barite  
Diamond drill hole: DDH-03-32  
Date: September, 2003  
By: Brad Willis B.Sc. Eng  
President



**TIGER RIDGE RESOURCES LTD**

**SURELOCK PROPERTY  
Claim # 1-4 and # 9 - 12  
Golden Mining Division  
Frances Creek Area**

**Magnetometer Data  
Appendix 3**

**By**

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

**January, 2004**

**Calgary, Alberta**





# MAGNETOMETER SURVEY

June 2003

Line3	Data	Line4	Data	Line5	Data	Line6	Data
<b>100+00N</b>	57130	<b>150+00N</b>	57126	<b>200+00N</b>	57136	<b>250+00N</b>	57130
20W	57127	20W	57132	20W	57134	20W	57138
40W	57130	40W	57129	40W	57133	40W	57131
60W	57127	60W	57124	60W	57135	60W	57134
80W	57125	80W	57128	80W	57131	80W	57130
100W	57143	100W	57137	100W	57131	100W	57132
120W	57130	120W	57123	120W	57126	120W	57131
140W	57128	140W	57129	140W	57127	140W	57132
160W	57130	160W	57130	160W	57127	160W	57127
180W	57130	180W	57130	180W	57128	180W	57127
200W	57132	200W	57133	200W	57127	200W	57127
220W	57127	220W	57129	220W	57123	220W	57127
240W	57126	240W	57128	240W	57125	240W	57127
260W	57129	260W	57128	260W	57126	260W	57127
280W	57130	280W	57126	280W	57129	280W	57127
300W	57133	300W	57128	300W	57127	300W	57128
320W	57134	320W	57128				
340W	57127	340W	57133				
360W	57131						
380W	57128						
400W	57128						

# MAGNETOMETER SURVEY

June 2003

Line7	Data	Line8	Data	Line9	Data	Line10	Data
<b>300+00N</b>	57136	<b>350+00N</b>	57130	<b>400+00N</b>	57029	<b>450+00N</b>	57089
20W	57131	20W	57127	10W	57028	10W	57090
40W	57132	40W	57143	20W	57029	20W	57090
60W	57137	60W	57145	30W	57028	30W	57087
80W	57136	80W	57140	40W	57040	40W	57081
100W	57137	100W	57140	50W	57043	50W	57077
120W	57138	120W	57141	60W	57052	60W	57078
140W	57137	140W	57142	70W	57061	70W	57077
160W	57134	160W	57141	80W	57067	80W	57081
180W	57132	180W	57137	90W	57066	90W	57083
200W	57133	200W	57134	100W	57064	100W	57083
220W	57131	220W	57132	110W	57071	110W	57086
240W	57131	240W	57131	120W	57074	120W	57086
260W	57130	260W	57130	130W	57075	130W	57088
280W	57128			140W	57073	140W	57086
300W	57127			150W	57072	150W	57084
				160W	57071	160W	57086
				170W	57070	170W	57086
				180W	57070	180W	57085
				190W	57069	190W	57085
				200W	57069	200W	57089
				210W	57072	210W	57089
				220W	57072	220W	57093
				230W	57074	230W	57096
				240W	57073	240W	57096
				250W	57074	250W	57096
				260W	57073	260W	57098
				270W	57073	270W	57098
				280W	57071	280W	57096
				290W	57071	290W	57097
				300W	57068	300W	57100
				310W	57065	310W	57100
				320W	57066	320W	57101

# MAGNETOMETER SURVEY

June 2003

Line11	Data	Line 12	Data	Line 13	Data	Line 14	Data
<b>500+00N</b>	57119	<b>550+00N</b>	57026	<b>600+00N</b>	57026	<b>650+00N</b>	57039
10W	57123	20W	57027	20W	57038	20W	57045
20W	57122	40W	57026	40W	57032	40W	57043
30W	57122	60W	57023	60W	57030	60W	57040
40W	57119	80W	57024	80W	57029	80W	57034
50W	57115	100W	57027	100W	57028	100W	57033
60W	57106	120W	57025	120W	57026	120W	57032
70W	57108	140W	57026	140W	57030	140W	57038
80W	57113	160W	57027	160W	57034	160W	57035
90W	57118	180W	57027				
100W	57119						
110W	57117						
120W	57118						
130W	57118						
140W	57120						
150W	57120						
160W	57118						
170W	57118						
180W	57120						
190W	57122						
200W	57122						
210W	57123						
220W	57122						
230W	57122						
240W	57121						
250W	57121						
260W	57122						
270W	57125						
280W	57124						
290W	57122						
300W	57126						
310W	57123						
320W	57122						



# LEGEND

## GEOLOGY

### TOBY FORMATION

 Sandstone, grit

### MOUNT NELSON FORMATION

 Barite

 Shale, dolomitic shale

 Dolomite: argillaceous

 Dolomite


## Magnetometer Survey

 Mag Low

 Strong Mag Low

## SYMBOLS

 Outcrop

 Bedding (inclined, vertical)

 Fault

 Trench

 Claim Post

 Trail

 Proposed Exploration Trail

 Diamond Drill Hole 2003

## TIGER RIDGE RESOURCES LTD.

### SURELOCK BARITE PROPERTY

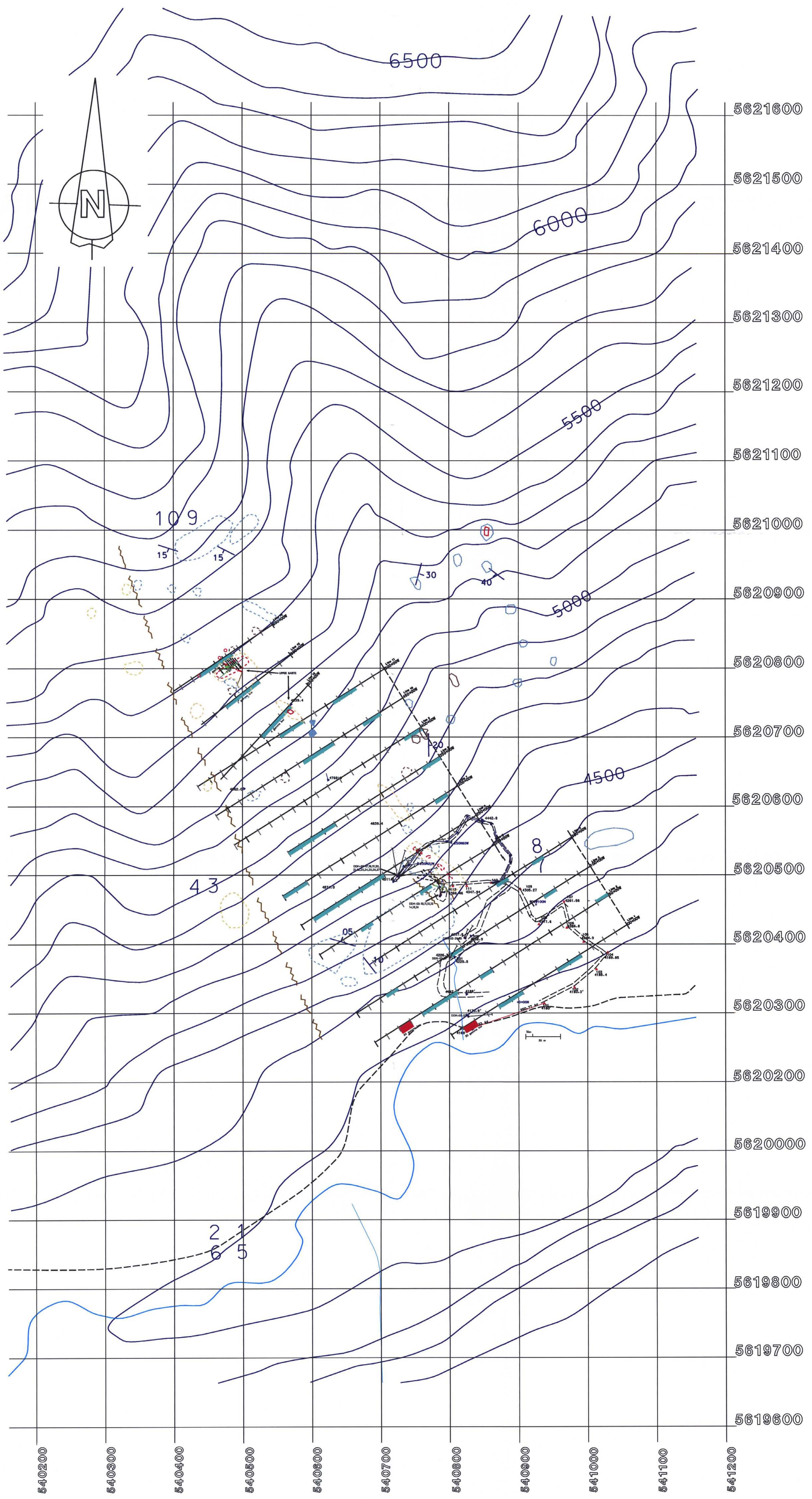
SEPTEMBER 2003

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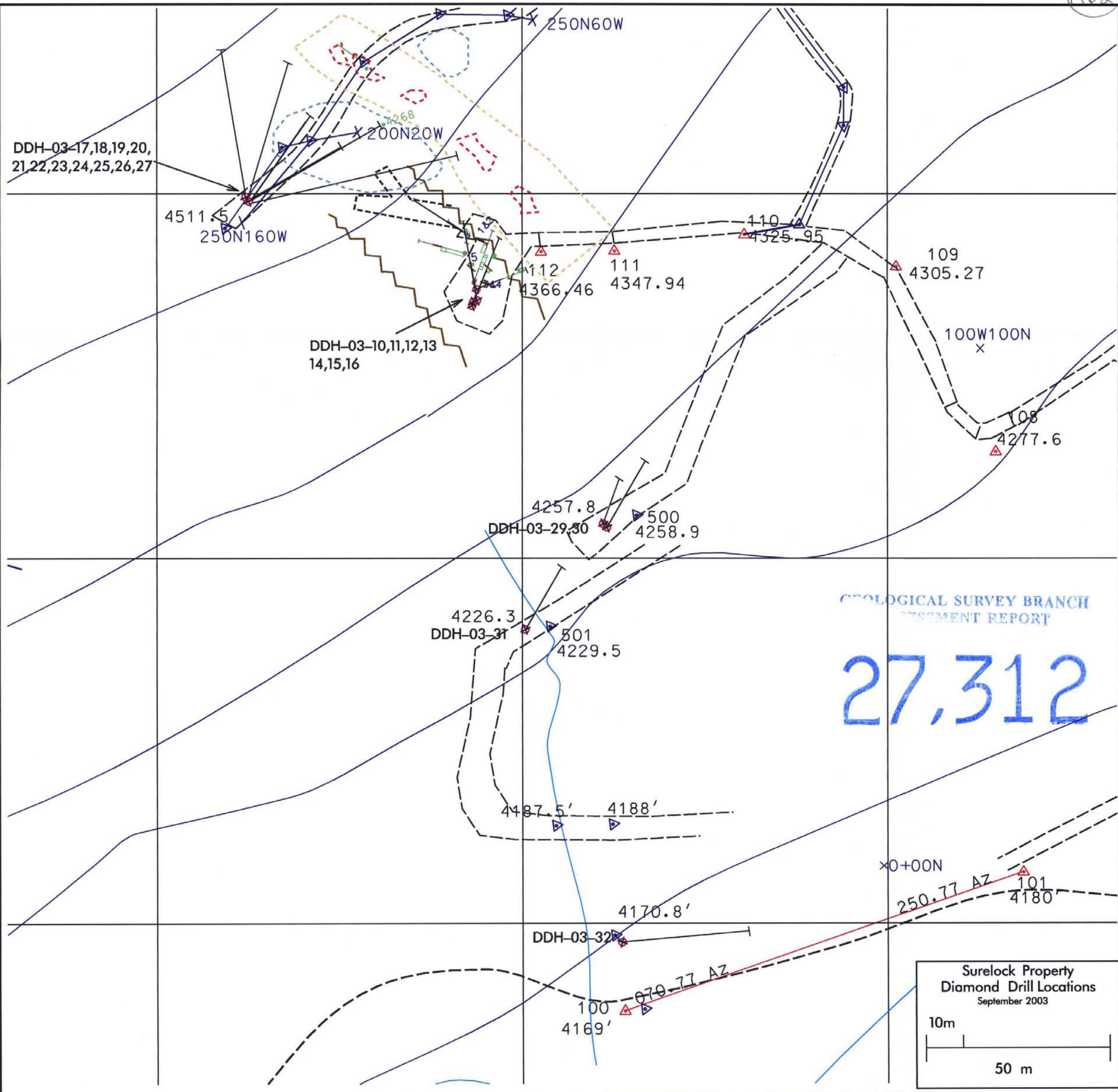


GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

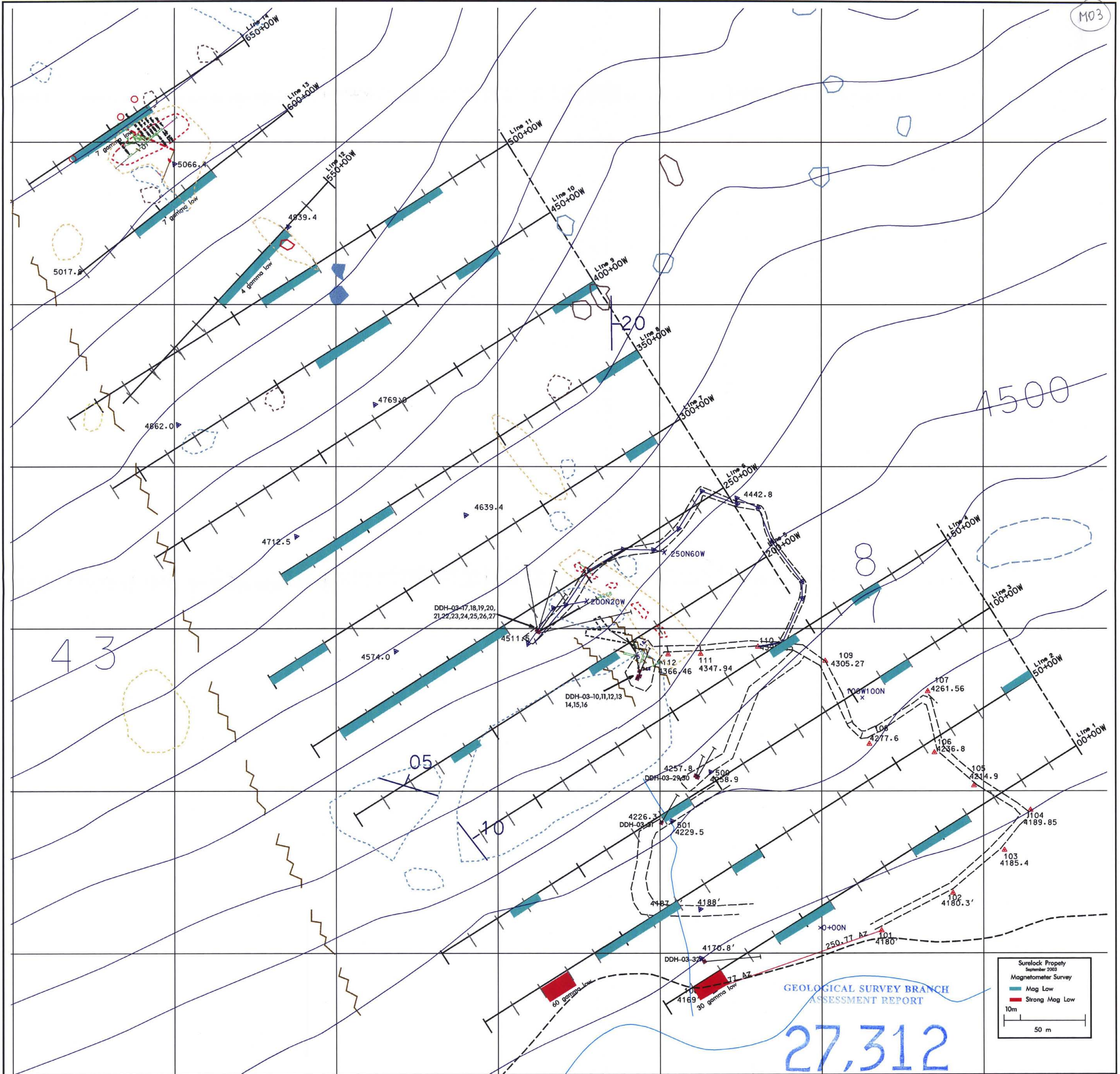
27,312











Surelock Property  
September 2003  
Magnetometer Survey

- Mag Low
- Strong Mag Low

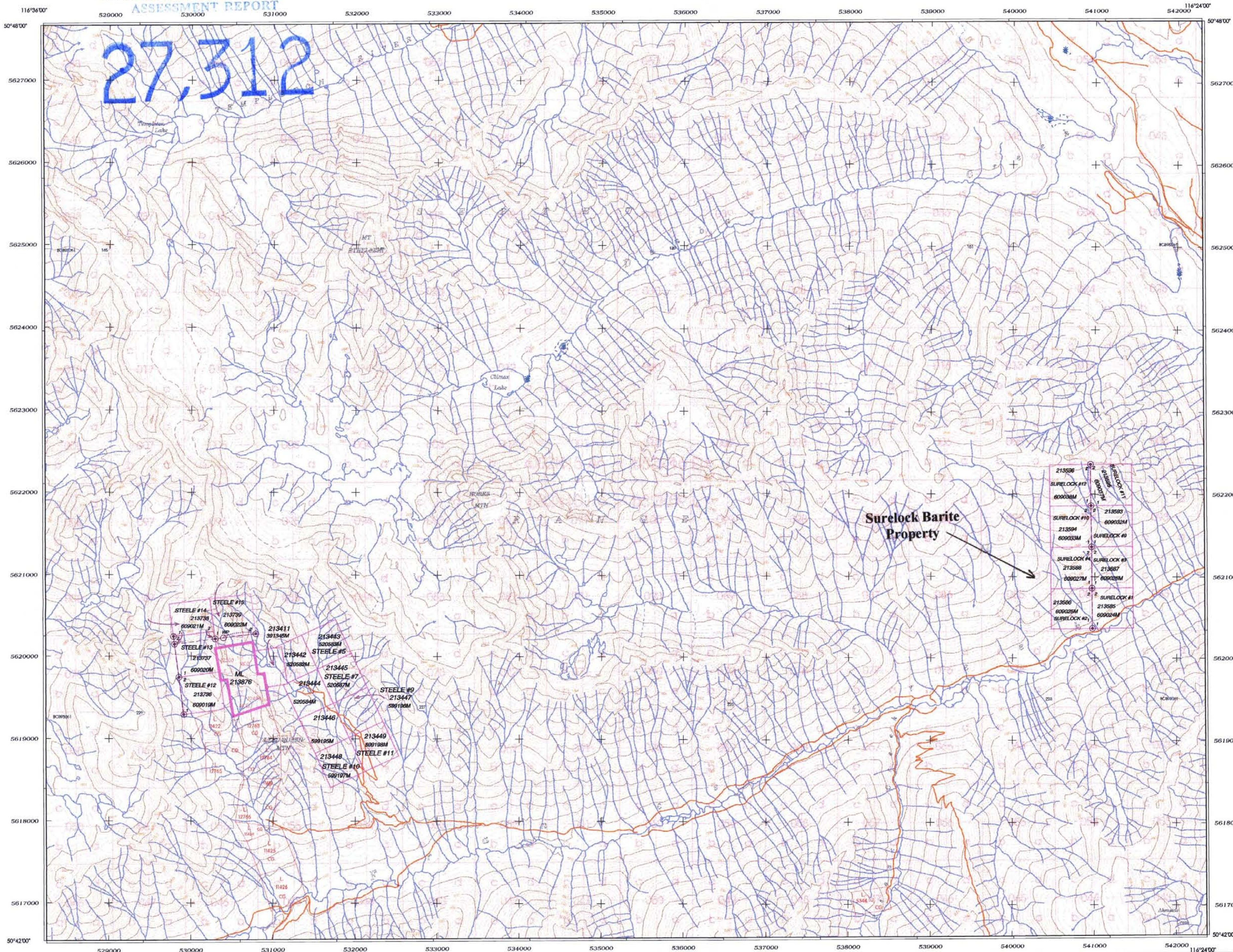
10m  
50 m

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

27,312



GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT



**M082K078**  
**MINERAL LEGEND**

104

- ADMINISTRATIVE AREAS**  
MINING DIVISION(S): GOLDEN  
LAND DISTRICT(S): KOOTENAY  
REGIONAL DISTRICT(S): EAST KOOTENAY
- ADMINISTRATIVE BOUNDARIES**  
REGIONAL DISTRICT: DASHED LINE  
MINING DIVISION: DASHED LINE  
LAND DISTRICT: DASHED LINE  
PROVINCIAL BOUNDARY: DASHED LINE  
MUNICIPALITY: DASHED LINE
- NO STAKING AREA**: DASHED LINE
- PARK**: DASHED LINE
- INDIAN RESERVE** (SEE NOTES 1)  
**CONDITIONAL AREA** (SUBJECT TO CONDITION RESERVE, RELEASE REQUIRED RESERVE, OR URANIUM / THORIUM REGULATION (SEE NOTES 3))

- MINERAL TENURES**
- MINERAL CLAIM: DASHED LINE
  - MINING LEASE: DASHED LINE
  - INDUSTRIAL MINERAL TITLE: DASHED LINE
  - MINING LEASE: ML
  - INDUSTRIAL MINERAL: IM
  - CLAIM NAME: EXAMPLE
  - TENURE NUMBER: 234567
  - TAG NUMBER: 243765
  - CLAIM SIZE (UNITS): 4X3M
  - LEGAL POST: WP
  - WITNESS POST: WP
  - TENURE HOOK: WP
  - VERIFIED: VER
  - SURVEYED: SUR
  - GLOBAL POSITIONING SYSTEM: GPS
  - CROWN GRANTED 2 POST CLAIM: C2
  - F LOT (Real Estate Lot): F
  - REVERTED C.G. 2 POST CLAIMS: R2C
  - BID LOT: B2C
  - R.C.G. (Issued under a former Act): R2C

- PLANIMETRIC LEGEND**
- DRAINAGE AND RELATED FEATURES**
- COASTLINE, DEFINITE: DASHED LINE
  - COASTLINE, INDEFINITE: DASHED LINE
  - RIVER / STREAM, DEFINITE: DASHED LINE
  - RIVER / STREAM, INDEFINITE: DASHED LINE
  - LAKE, DEFINITE: DASHED LINE
  - LAKE, INDEFINITE: DASHED LINE
  - DAM: DASHED LINE
  - DYKE: DASHED LINE
  - SAND / GRAVEL BAR: DASHED LINE
  - FLOODED LAND: DASHED LINE
  - SWAMP / MARSH: DASHED LINE
  - FALLS / RAPIDS: DASHED LINE
  - ICE FIELD / GLACIER: DASHED LINE
  - RESERVOIR, DEFINITE: DASHED LINE
  - RESERVOIR, INDEFINITE: DASHED LINE
  - CLIFF / SCARP: DASHED LINE
  - ESKER: DASHED LINE
  - SLIDE: DASHED LINE
- LANDMARK FEATURE**
- MINE: DASHED LINE
  - PIER / WHARF: DASHED LINE
  - PIPELINE: DASHED LINE
  - QUARRY: DASHED LINE
  - TRANSMISSION LINE: DASHED LINE
- TRANSPORTATION FEATURES**
- AIRFIELD: DASHED LINE
  - CUTLINE / SEISMIC LINE: DASHED LINE
  - RAIL LINE: DASHED LINE
  - ROAD, SURFACE PAVED: DASHED LINE
  - ROAD, SURFACE LOOSE: DASHED LINE
  - ROAD, SURFACE ROUGH / TRAIL: DASHED LINE
  - BRIDGE: DASHED LINE
- CONTROL DATA**
- HORIZONTAL CONTROL POINT, MARKED: A
  - VERTICAL CONTROL POINT, MARKED: B
  - MAJOR CONTOUR: DASHED LINE
  - MINOR CONTOUR: DASHED LINE
  - CONTOUR INTERVAL - 20 METRES: DASHED LINE

**DISCLAIMER**

This map is prepared only as a guide to the location of mineral tenure as shown on the locator's sketches. For current or more specific information, application should be made to the appropriate Gold Commissioner.

**SOURCES OF INFORMATION**  
Planimetric and topographic information obtained from the Terrain Resource Information Management (TRIM) base mapping program. For more information contact, Base Mapping and Geomatics Services Branch Ministry of Sustainable Resource Management.  
Source Date: 2002 APR 10  
Cadastral produced from spatial data obtained from the Crown Land Registry Services (CLRS). For more information contact the Crown Land Registry Services, Ministry of Sustainable Resource Management.  
Source Date: 2002 AUG 06  
This map depicts only the mineral tenure theme. For the placer tenure theme see appropriate placer map and for the coal tenure theme see appropriate coal map.  
Additional tenure information is available on the Internet: <http://www.gov.bc.ca/mids>

**NOTES FROM MINERAL LEGEND**

1. For Uranium and Thorium Regulations, please refer to Mines Act.

**MISCELLANEOUS NOTES**  
Staking is not permitted over all Crown Granted Lots issued since August 15, 1988. (B.C. Reg. 138 / 94)  
Staking is not permitted within tidal waters. (B.C. Reg. 100 / 68)  
Surface lots with mineral rights are not shown.  
Please refer to the Mineral Tenure Act, Mineral Tenure Act Regulations, Mines Act, and the Guide to Staking in British Columbia for more complete information.

**GOLD COMMISSIONER OFFICES**

**CARIBOO**  
102 350 Barlow Ave.  
Okanagan BC V2J 2S1  
Public Query: (250) 892-4313  
FAX: (250) 892-4314  
Mining Division: Cariboo

**VANCOUVER ISLAND**  
6th floor, 1810 Blanshard Street  
P.O. Box 9322 Stn Prov Govt  
Victoria BC V8W 9N3  
Public Query: (250) 952-0567  
FAX: (250) 952-0541  
Mining Divisions: Alberni, Nanaimo, and Victoria

**OMINECA**  
1020 Murray Street, Bag 5000  
Smithers BC V0J 2N0  
Public Query: (250) 847-7207  
FAX: (250) 847-7232  
Mining Division: Omineca

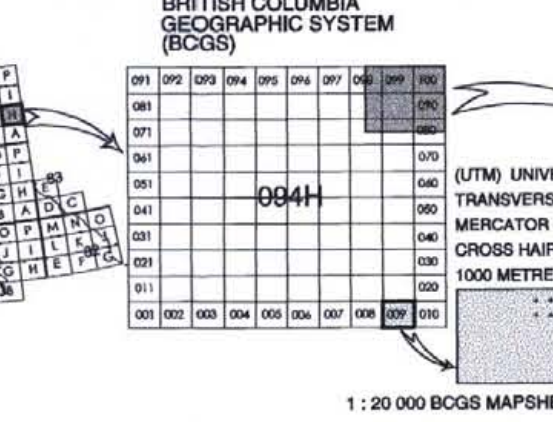
**COAST / LIARD**  
302 885 Hornby Street  
Vancouver BC V6Z 2C5  
Public Query: (604) 650-2672  
FAX: (604) 650-2653  
Mining Divisions: Altn, Clinton, Land, Lisook, Savena, New Westminster, and Vancouver

**KAMLOOPS / OKANAGAN**  
250 455 Columbia Street  
Kamloops BC V2C 6K4  
Public Query: (250) 828-4544  
FAX: (250) 828-4253  
Mining Divisions: Kamloops, Nicola, Osoyoos, Revelstoke, Similkameen, and Vernon

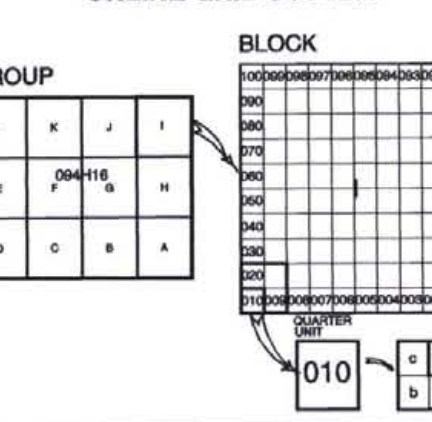
**EAST KOOTENAY**  
100 Cranbrook Street North  
Cranbrook BC V1C 3P9  
Public Query: (250) 426-1241  
FAX: (250) 426-1254  
Mining Divisions: Fort Steele and Golden

**KOOTENAY**  
310 Ward Street  
Nelson BC V1L 5S4  
Public Query: (250) 354-6103  
FAX: (250) 354-6407  
Mining Divisions: Greenwood, Nelson, Stocan, and Trail Creek

**GUIDE TO BCGS MAPPING SYSTEMS**



**GUIDE TO THE MINERAL TITLES ONLINE GRID SYSTEM**



MAGNETIC DECLINATION AS OF 2002: CHANGING 9.6' W ANNUALLY

082K087	082K088	082K089
082K077	082K078	082K079
082K067	082K068	082K069

INDEX TO ADJOINING MAPS

1000 m 0 1 km

ORIGINAL PRODUCED AT 1 : 20 000

LAST MAP UPDATE: 2003 MAY 14

Version Number:0001

BRITISH COLUMBIA  
MINISTRY OF ENERGY AND MINES  
MINISTRY OF SUSTAINABLE RESOURCE MANAGEMENT  
MINERAL TITLES REFERENCE MAP  
**M082K078**  
North American Datum - 1983  
U.T.M. Coordinate System - Zone 11  
Compilation Date: 2002 NOV 22