

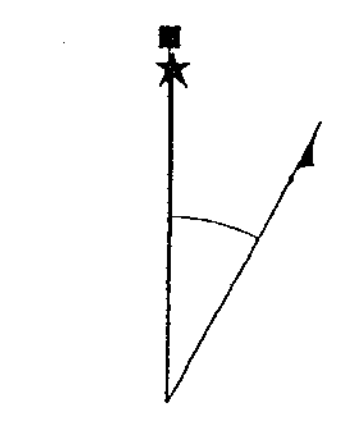
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29,035

APPENDIX B:

LIST OF MAPS:

<u>TITLE:</u>	<u>APPENDIX B, BINDER 1 LOCATION:</u>
1. AIRBORNE GEOPHYSICAL COMPILATION WITH MINFILE SHOWINGS..	POCKET 1
2 TARGET MAP, TODD CREEK PROPERTY.....	POCKET 2
3. SOUTH ZONE DEPOSIT AND SOUTHERN EXTENSION.....	POCKET 3
4. SOUTH ZONE DEPOSIT & NORHTERN EXTENSIONS: MEXT, NEXT ZONES.....	POCKET 4
4A.SOUTH ZONE DEPOSIT & NORTHERN EXTENSION: MEXT ZONE..	POCKET 5
5. COMPILATION: ICE, FALL CREEK, NORTH A ZONES.....	POCKET 6
6. COMPILATION: ORANGE MOUNTAIN TARGET AREA.....	POCKET 7
7. NORTH A ZONE GRID.....	POCKET 8
7A.NORTH A ZONE: DETAILED PLAN.....	POCKET 9
8. AMARILLO GRID: MMI-M, GEOCHEMICAL, GEOLOGICAL SURVEYS..	POCKET 10



Square: Grid North
 Star: True North
 Arrow: Magnetic North

Angles presented are approximate mean
 elevations for centre of NTS sheet.
 Use diagram for reference only.

Grid North - True North : 0.6°
 Grid North - Magnetic North : 28.2°
 Annual change : -0.05°

FLIGHT PATH

Navigation and flight path recovery was conducted using a Global Positioning System (GPS) satellite navigation system.

Lines were flown at an azimuth of 90 - 270°, with an average line spacing of 200m.

Average helicopter-terrain clearance of 80m was monitored by radar and barometric altimeters.

EM ANOMALIES

EM anomalies selected by computer algorithm and manually confirmed. Selection is based on the response correlation to theoretical sources such as a steeply dipping conductor.

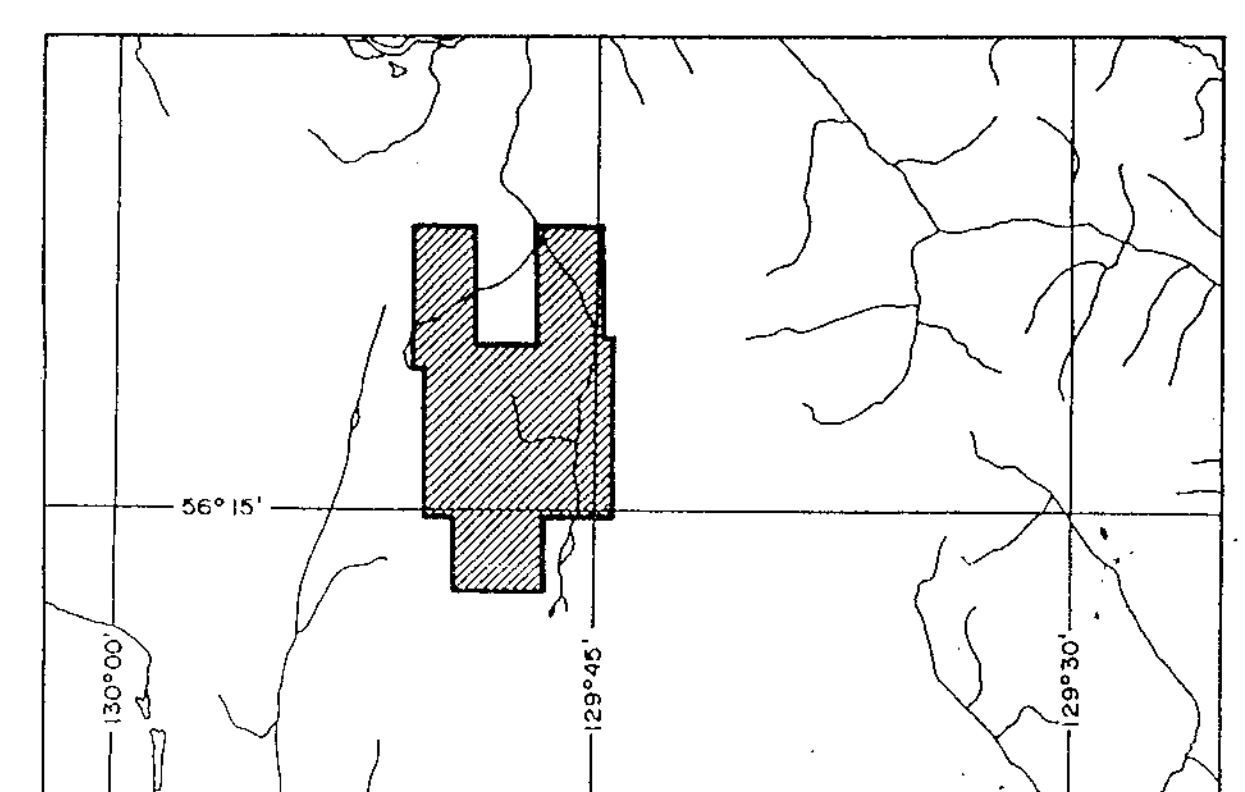
Calculation of conductance is based on the response of the 4600 Hz coaxial data, and forms the basis for anomaly classification.

Letter codes are used to identify individual anomalies on a line, and the inphase amplitude of the 4600 Hz response is annotated opposite.

- 0 - 1 mhos
- 1 - 2 mhos
- 2 - 4 mhos
- 4 - 8 mhos
- 8 - 16 mhos
- 16 - 32 mhos
- > 32 mhos

INTERPRETATION LEGEND

- High amplitude magnetic trends
- - - Lower amplitude magnetic trends
- Major below background magnetic zone
- Conductive trend
- ▨ Area of anomalous potassium channel response
- K Localized potassium channel response
- Th Localized thorium channel response
- U Localized uranium channel response
- W W Possible fault structure
- MF104 MinFile Report



GEOFINE EXPLORATION CONSULTANTS LTD.

INTERPRETATION
TODD CREEK PROPERTY

TODD CREEK AREA, B.C.

SCALE 1:20 000

500 0 200 400 1000 2000 metres

GEONEX AERODAT

Rev. March 2007

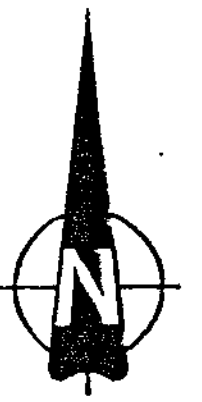
Date Flown : AUG 1994

NTS : 104 A/4,5

Project : J9440

MAP 1

Map Ref : 1 - 2



VIRGINIA CREEK TARGET AREA

NORTHEAST TARGET AREA

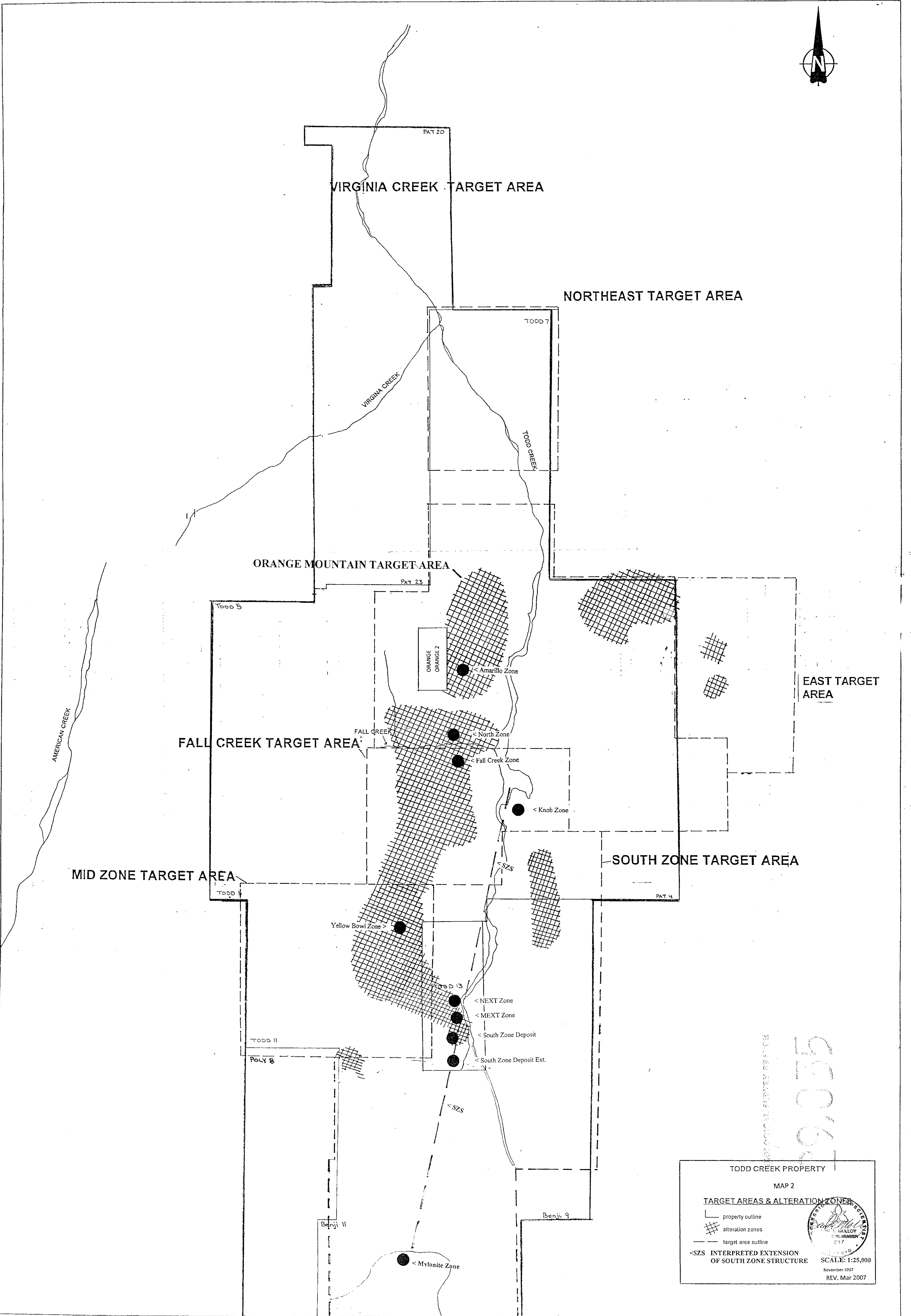
ORANGE MOUNTAIN TARGET AREA

EAST TARGET AREA

FALL CREEK TARGET AREA

SOUTH ZONE TARGET AREA

MID ZONE TARGET AREA



TODD CREEK PROPERTY
MAP 2
TARGET AREAS & ALTERATION ZONES

- property outline
- alteration zones
- target area outline
- <SZS INTERPRETED EXTENSION OF SOUTH ZONE STRUCTURE

SCALE: 1:25,000
November 1997
REV. Mar 2007

29055

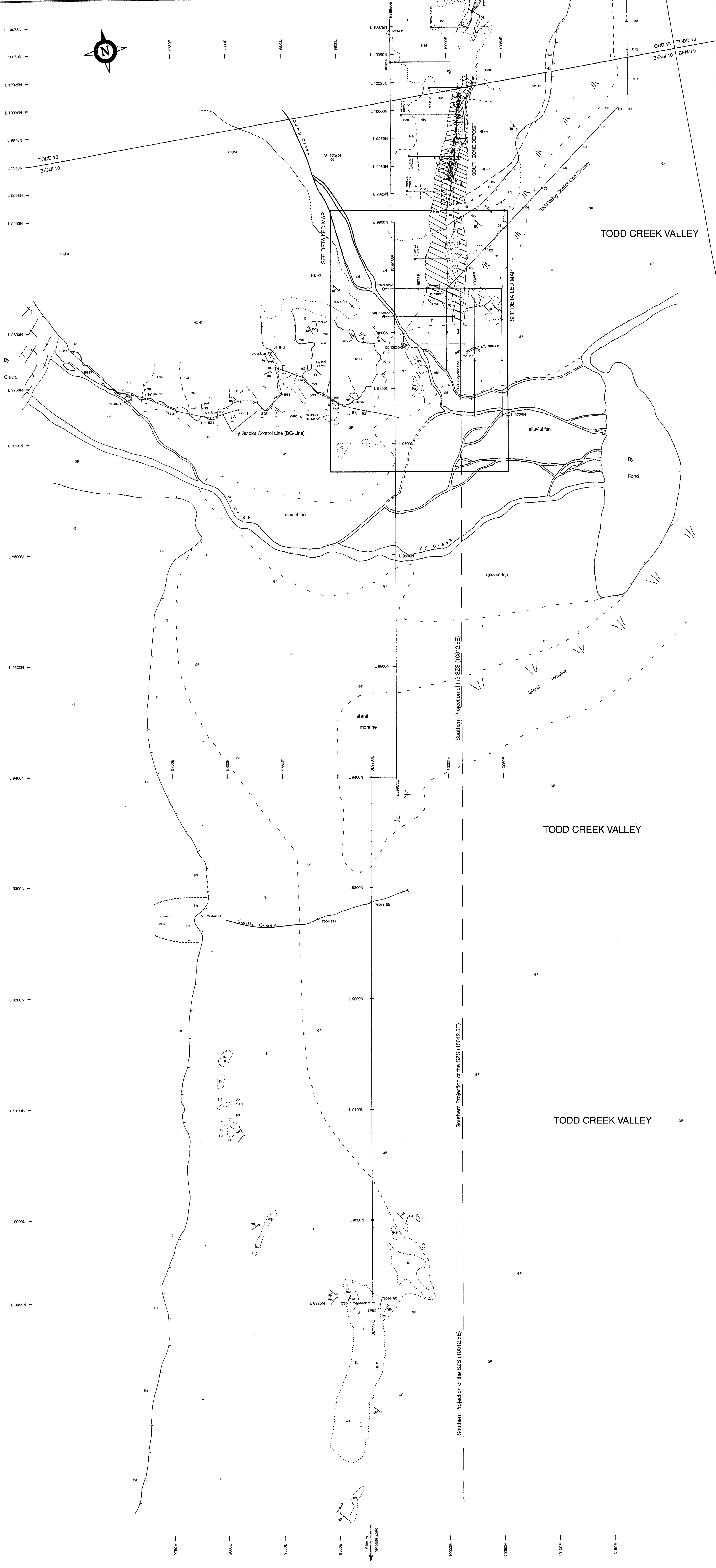


TABLE A204R - ANALYTICAL RESULTS FROM ROCK SAMPLES COLLECTED IN AREA OF SOUTHERN EXTENSION OF SOUTH ZONE DEPOSIT AND SOUTHWEST TRENCH

MN TYPE	SAMP NO	AU	CU	PB	ZN	AG	CD	AS	BA	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
WRC	760433RT	210	340	40	24	1.4	+0.5	208	10	+10
WRC	760433RT	80	43	26	34	+0.2	+0.5	2	100	+10
WRC	760433RT	+0.2	1.8	1.8	10	0.2	+0.5	218	10	+10

TABLE A204R - ANALYTICAL RESULTS FROM ROCK SAMPLES COLLECTED IN AREA OF POSTULATED SOUTHERN EXTENSION OF SZS - SOUTH ZONE TO MILONITE ZONE

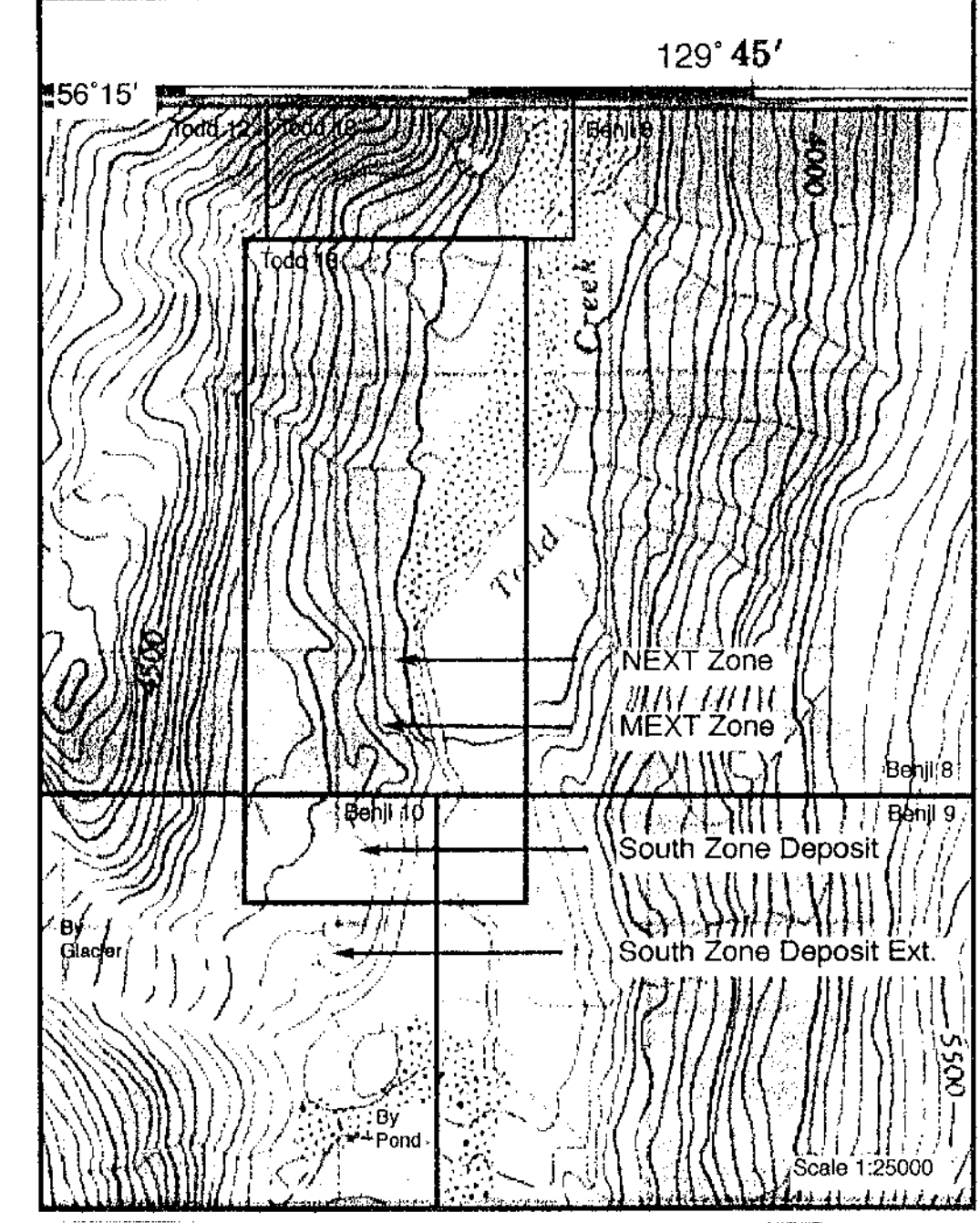
MN TYPE	SAMP NO	AU	CU	PB	ZN	AG	CD	AS	BA	W
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
CTB	760443RC	+30	17	32	42	0.2	0.5	+2	610	+10
SPIC	760444RC	60	21	80	54	0.8	+0.5	+2	250	+10

TABLE A204S - ANALYTICAL RESULTS FROM STREAM SEDIMENT SAMPLES COLLECTED IN AREA OF POSTULATED SOUTHERN EXTENSION OF SZS - SOUTH ZONE TO MILONITE ZONE

SAMP NO	AU	CU	PB	ZN	AG	CD	AS	BA	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
760441SS	+30	10	10	64	+0.2	0.5	30	270	+10
760443SS	+30	10	10	62	+0.2	0.5	18	210	+10

TABLE A204D - ANALYTICAL RESULTS FROM SOIL SAMPLES COLLECTED IN AREA OF POSTULATED SOUTHERN EXTENSION OF SZS - SOUTH ZONE TO MILONITE ZONE

SAMP NO	AU	CU	PB	ZN	AG	CD	AS	BA	W
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
760442SO	+30	27	14	72	+0.2	+0.5	12	72	+10



MINERALIZATION TYPES

- SM semi-massive sulfides
- SMB sulfide matrix breccia
- M blebby chalcopyrite breccia vein
- SPEC massive to semi-massive specular hematite; spec matrix breccia; spec breccia
- WRC wallrock chalcopyrite veins, stringers, stockworks often with malachite
- CT, CTB crystal tuff, crystal tuff breccia
- GAL blebby to wispy to stringers of galena in vuggy, oxidized euhedral quartz veins
- BAR baritized rock, veins, breccia veins, stringers, stockworks in crystal tuff breccia
- PY CTB pyritized crystal tuff i.e. Knob Zone mineralization
- SCHIST chlorite, sericite schist in fault zones
- OX PK intensely oxidized (limonite grunge) as in South Zone trench
- CHP quartz heliospar porphyry often with hornblende phenocrysts
- TOUR BRECC tourmaline breccia
- CSB carbonate sulfide breccia as at Yellow Bowl Zone

ABBREVIATIONS

ald	alders	hbl	hornblende
AM	alpine meadow	jar/al	jarosite/alunite
ank	ankerite	lim	limonite
ba	barite	m	massive
bl	bleached	mal	malachite
bo	boronite	mar	maroon
bx	brecciated	Mn	manganese
ca	calcite	ox	oxidized
carb	carbonatized	py	pyrite
ch	chloritized	qtz vn	quartz vein
epc	epidote	ser	sericitized
CTC	crystal tuff breccia	sil	silicified
epi	epidote	spec	specularite
GF	glacial fluvial	sph	sphalerite
gr	grass	sp	spume
ga	galena	stkw	stockwork
hem	hematized	T	talus
		vn	vein

SYMBOLS

- BL10000E historic Noranda Base Line (1987)
- BL9950E new south zone Base Line (1999/2000)
- x 760433 rock sample location and number
- o 760432 soil sample location and number
- [] or [] panel sample
- outcrop area
- 760333 SS stream sediment sample
- SO soil sample
- RC rock composite sample
- RP rock panel sample
- RF rock float sample
- RS rock subcrop sample
- RT rock talus sample
- RTC rock talus composite sample
- RG rock glacial boulder
- HGC rock glacial boulder composite
- ~ ~ interpreted fault
- 75 strike/dip of joint, fracture
- 75 strike/dip of vein, dyke, zone
- 75 strike/dip of shear
- cliff, down slope
- stream and direction
- T - boundary, surficial debris
- T - geological or mineralogical boundaries
- mineralization boundaries
- proposed drill hole
- historic drill hole (Noranda)
- NTC slump zone

LEGEND

ROCK TYPES

HAZELTON GROUP - LOWER AND MIDDLE JURASSIC

- H1 overburden
- H2 crystal tuff
- H3 crystal tuff breccia, agglomerate
 - a quartz +/- pyrite altered, white to pale brown weathering.
 - b sericite +/- quartz-pyrite altered, rusty yellow weathering.
 - c chlorite +/- quartz-epidote-pyrite altered white to pale green weathering.
 - d carbonate +/- quartz-pyrite-epidote altered, pale to dark brown weathering.
- H4 ash tuff, ash tuff breccia, agglomerate
- H5 undifferentiated pyroclastic rocks: tuff, breccia, agglomerate
- H6 felsic volcanic rocks (rhyolite)
- H7 intermediate volcanic rocks (dacite)
- H8 mafic volcanic rocks (basalt, pillowed basalt, andesite)
- H9 undifferentiated, strongly altered rock

INTRUSIVE ROCKS

- R1 felsic dykes
- R2 hornblende diorite porphyry
- R3 quartz heliospar porphyry
- R4 mafic dyke

Quartz-hematite-chalcopyrite +/- chlorite +/- calcite vein and/or intense stockwork

Quartz-hematite-chalcopyrite +/- chlorite +/- calcite stringer zone, veins to 20 cm wide

Pyrite-sericite-chalcopyrite vein zone, massive veins to 20 cm wide

Pyrite-sericite-chalcopyrite stringer zone, veins to 5 cm wide, widely spaced

TODD CREEK PROPERTY
 MAP 3
 SOUTH ZONE DEPOSIT AND SOUTHERN EXTENSION
 GEOLOGICAL & GEOCHEMICAL SURVEYS
 Scale 1:1000
 Guelph Exploration Consultants Ltd. November 2000

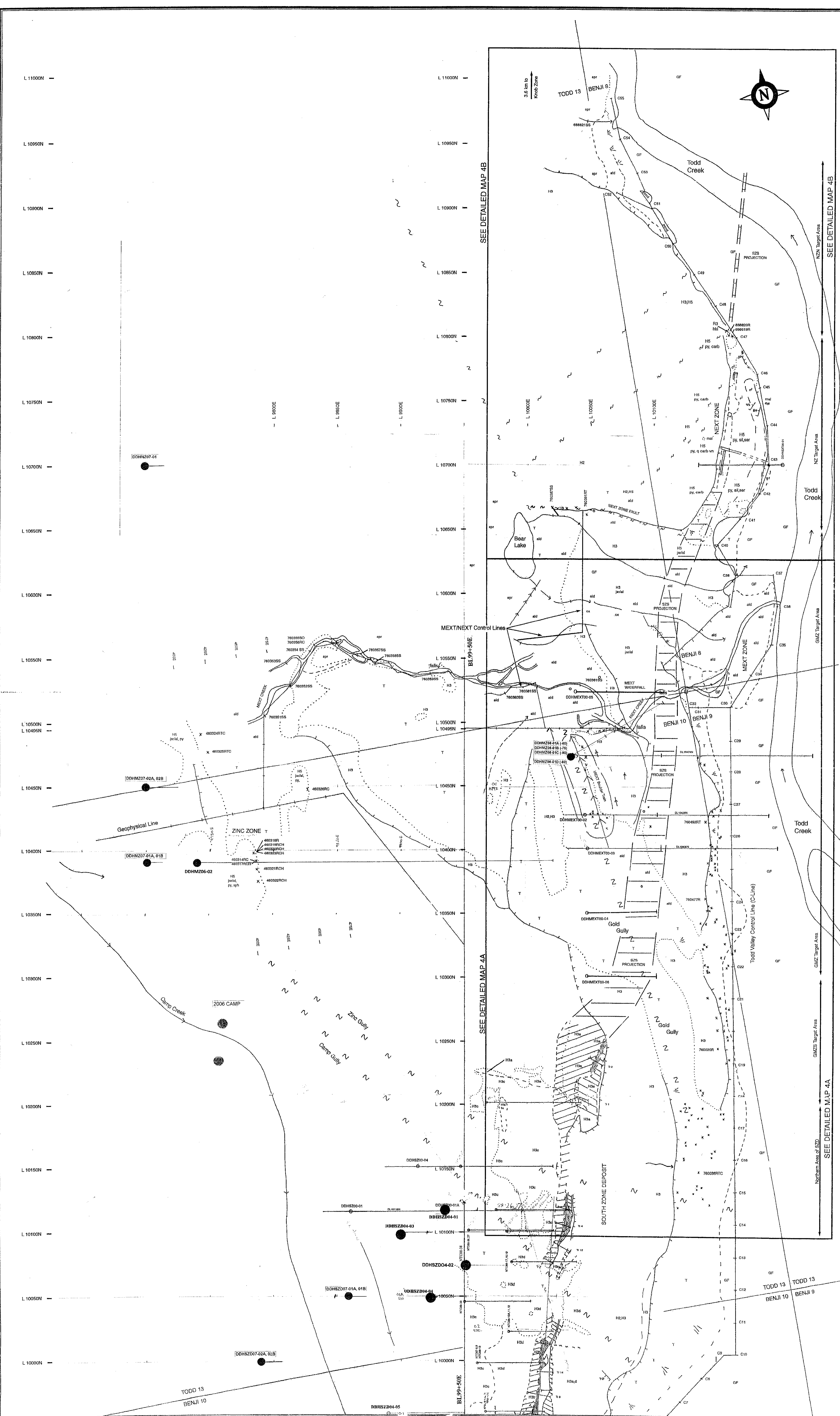


TABLE A48A: ANALYTICAL RESULTS FROM ROCK SAMPLES COLLECTED ON CLIFF ABOVE C-LINE WEST OF NEXT ZONE TO NEXT ZONE

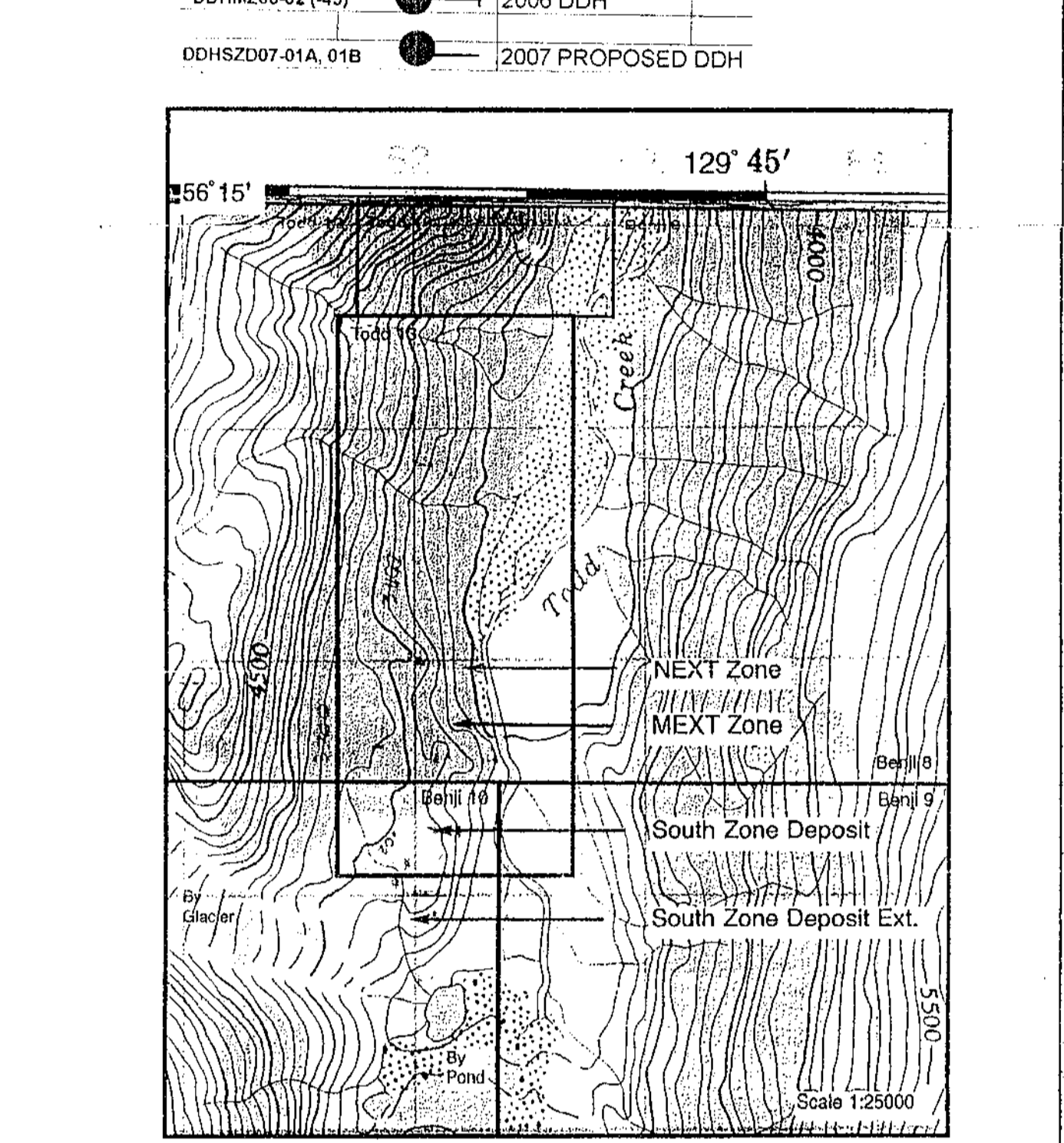
SAMP NO	AU	CU	PB	ZN	AS	CO	AS	BA	W
ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7603580	5	20	42	57	0.2	<0.5	8	30	<10
7603581	5	18	12	14	0.2	<0.5	8	30	<10
7603582	5	10	10	10	0.2	<0.5	8	30	<10
7603583	5	10	10	10	0.2	<0.5	8	30	<10
7603584	5	10	10	10	0.2	<0.5	8	30	<10
7603585	5	10	10	10	0.2	<0.5	8	30	<10
7603586	5	10	10	10	0.2	<0.5	8	30	<10
7603587	5	10	10	10	0.2	<0.5	8	30	<10
7603588	5	10	10	10	0.2	<0.5	8	30	<10
7603589	5	10	10	10	0.2	<0.5	8	30	<10
7603590	5	10	10	10	0.2	<0.5	8	30	<10
7603591	5	10	10	10	0.2	<0.5	8	30	<10
7603592	5	10	10	10	0.2	<0.5	8	30	<10
7603593	5	10	10	10	0.2	<0.5	8	30	<10
7603594	5	10	10	10	0.2	<0.5	8	30	<10
7603595	5	10	10	10	0.2	<0.5	8	30	<10
7603596	5	10	10	10	0.2	<0.5	8	30	<10
7603597	5	10	10	10	0.2	<0.5	8	30	<10
7603598	5	10	10	10	0.2	<0.5	8	30	<10
7603599	5	10	10	10	0.2	<0.5	8	30	<10
7603600	5	10	10	10	0.2	<0.5	8	30	<10

TABLE A48B: ANALYTICAL RESULTS FOR STREAM SEDIMENT SAMPLES COLLECTED ABOVE CLIFF IN AREA OF MEXT, NEXT ZONES

SAMP NO	AU	CU	PB	ZN	AS	CO	AS	BA	W
ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7603610	5	19	2	42	<0.2	<0.5	56	450	<10
7603611	5	22	18	142	<0.2	<0.5	70	270	<10
7603612	5	22	18	119	<0.2	<0.5	18	300	<10
7603613	5	22	18	124	<0.2	<0.5	18	210	<10
7603614	5	18	18	108	<0.2	<0.5	18	210	<10
7603615	5	21	18	136	<0.2	<0.5	18	210	<10
7603616	5	21	18	136	<0.2	<0.5	18	210	<10
7603617	5	21	18	136	<0.2	<0.5	18	210	<10
7603618	5	21	18	136	<0.2	<0.5	18	210	<10
7603619	5	21	18	136	<0.2	<0.5	18	210	<10
7603620	5	21	18	136	<0.2	<0.5	18	210	<10
7603621	5	21	18	136	<0.2	<0.5	18	210	<10
7603622	5	21	18	136	<0.2	<0.5	18	210	<10
7603623	5	21	18	136	<0.2	<0.5	18	210	<10
7603624	5	21	18	136	<0.2	<0.5	18	210	<10
7603625	5	21	18	136	<0.2	<0.5	18	210	<10
7603626	5	21	18	136	<0.2	<0.5	18	210	<10
7603627	5	21	18	136	<0.2	<0.5	18	210	<10
7603628	5	21	18	136	<0.2	<0.5	18	210	<10
7603629	5	21	18	136	<0.2	<0.5	18	210	<10
7603630	5	21	18	136	<0.2	<0.5	18	210	<10

TABLE A49: ANALYTICAL RESULTS FROM SOIL SAMPLES COLLECTED ABOVE CLIFF IN AREA OF MEXT, NEXT ZONES

SAMP NO	AU	CU	PB	ZN	AS	CO	AS	BA	W
ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
7603631	30	28	20	108	<0.2	<0.5	20	110	<10
7603632	5	37	8	96	<0.2	<0.5	38	310	<10
7603633	10	13	60	24	0.2	<0.5	38	310	<10
7603634	5	27	6	54	<0.2	<0.5	10	230	<10
7603635	5	27	6	54	<0.2	<0.5	10	230	<10
7603636	128	1055	36	10	0.2	<0.5	544	120	<10
7603637	5	29	8	36	<0.2	<0.5	70	280	<10
7603638	335	951	76	8	2.0	<0.5	984	130	<10



ABBREVIATIONS

sp	siliceous	epi	epidote	ox	oxidized
sm	siliceous matrix	gf	glacial fluvial	py	pyrite
ank	ankerite	gr	grass	qtz vn	quartz vein
ble	bleached	gn	gneiss	ser	sericite
br	breccia	hem	hematite	sil	silicified
bu	burnt	hb	hornblende	spec	specularite
bx	brecciated	jar	jarosite/sulfate	sph	sphalerite
ca	calcite	lim	limonite	spn	spinel
carb	carbonated	m	massive	stwk	stockwork
ch	chlorite	mal	malachite	tal	talus
chc	chalcopyrite	mar	maroon	vn	vein
CTC	crystal tuff breccia	mt	manganese		

MINERALIZATION TYPES

- semi-massive sulfides
- siliceous matrix breccia
- bliss chalcophyllite breccia vein
- massive to semi-massive specular hematite: spec matrix breccia
- spec breccia
- veinlet chalcophyllite veins, stringers, stockwork often with malachite
- crystal tuff, crystal tuff breccia
- bliss to siliceous to stringers of galena in vuggy, oxidized euhedral quartz veins
- bar brecciated rock veins, breccia veins, stringers, stockwork in crystal tuff breccia
- pyrite breccia
- intensely oxidized (terrace orange) as in South Zone trench
- quartz malachite porphyry often with hornblende phenocrysts
- quartz breccia
- carbonate sulfide breccia as at Yellow Bowl Zone

LEGEND

ROCK TYPES

HAZELTON GROUP - LOWER AND MIDDLE JURASSIC

- H1 overburden
- H2 crystal tuff breccia, agglomerate
- a quartz +/- pyrite altered, white to pale brown weathering
- sericite +/- quartz pyrite altered, rusty yellow weathering
- chlorite +/- quartz-epidote-pyrite altered white to pale green weathering
- d carbonate +/- quartz-pyrite-epidote altered, pale to dark brown weathering
- ash tuff, ash tuff breccia, agglomerate
- undifferentiated pyroclastic rocks: tuff, breccia, agglomerate
- felsic volcanic rocks (rhyolite)
- intermediate volcanic rocks (diabase)
- H8 mafic volcanic rocks (basalt, pillowed basalt, andesite)
- H9 undifferentiated, strongly altered rock

INTRUSIVE ROCKS

- RE felsic dykes
- RP hornblende diorite porphyry
- Ra quartz feldspar porphyry
- RD mafic dyke

ALTERATION ZONES (Noranda 1987)

- Quartz-hematite-chalcopyrite +/- chlorite +/- calcite vein and/or intense stockwork
- Quartz-hematite-chalcopyrite +/- chlorite +/- calcite stringer zone, veins to 20 cm wide
- Pyrite-sericite-chalcopyrite vein zone, massive veins to 20 cm wide
- Pyrite-sericite-chalcopyrite stringer zone, veins to 5 cm wide, widely spaced

SYMBOLS

- BL10000E historic Noranda Base Line (1967)
- BL9950E new south zone Base Line (1999/2000)
- x 760433 rock sample location and number
- o 760432 soil sample location and number
- 01-1 panel sample
- outcrop area
- 750333 SS stream sediment sample
- SC soil sample
- RC rock composite sample
- RP rock panel sample
- RF rock float sample
- RS rock subcrop sample
- RT rock talus sample
- R/C rock talus composite sample
- RG rock glacial boulder
- RGC rock glacial boulder composite
- ~ interpreted fault
- 75 strike/dip of joint, fracture
- 75 strike/dip of vein, dyke, zone
- 75 strike/dip of shear
- cliff, down slope
- stream and direction
- T boundary, surficial debris
- H geological or mineralogical boundaries
- mineralization boundaries
- proposed drill hole
- historic drill hole (Noranda)
- slump zone

TODD CREEK PROPERTY
MAP 4
SOUTH ZONE DEPOSIT AND NORTHERN EXTENSIONS:
MEXT AND NEXT ZONES
GEOLOGICAL & GEOCHEMICAL SURVEYS

Scale 1:1000

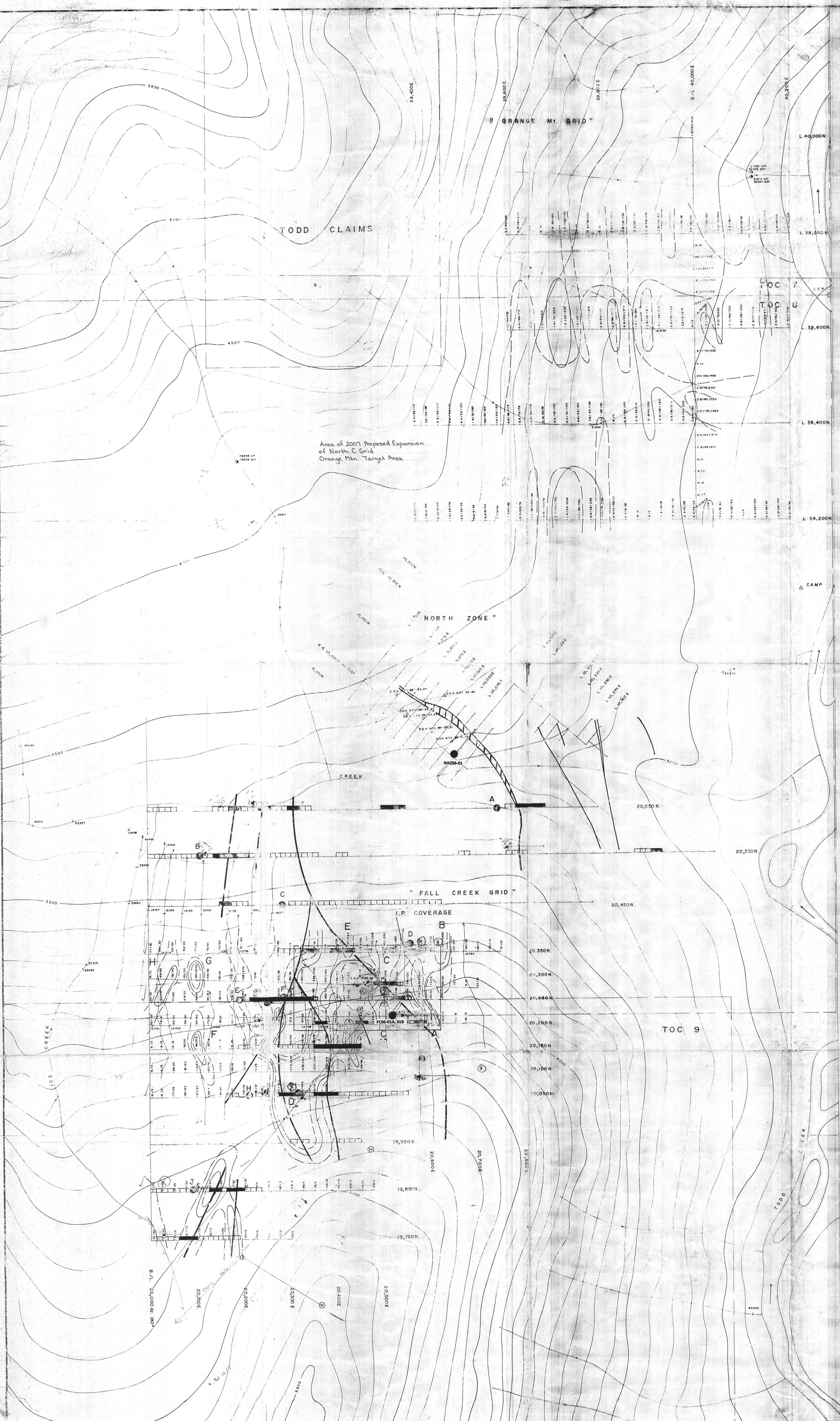
Geoflex Exploration Consultants Ltd. Rev. March 2007



LEGEND

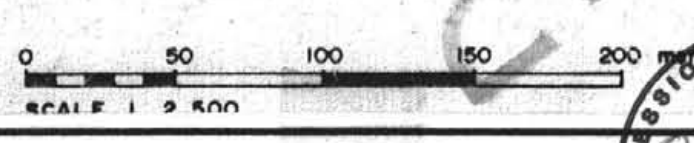
SYMBOLS

- 3195 Silt sample location
- D.D.H. Location
- ▲ Pit and silt sample location
- 3195 pit
- Soil sample location Ag(ppm)/Pb(ppm)/Zn(ppm)/As(ppm)
- 1.0 ppm Ag contour
- 100 ppm Pb contour
- 250 ppm Zn contour
- Soil sample location Cu(ppm)/Au(ppm)
- 50 ppm Au contour
- 100 ppm Au contour
- 200 ppm Au contour
- I.P. CHARGEABILITY HI
- MINERAL TREND
- PROPOSED 1980 D.D.H.'s
- FCG-01A ● 2006 D.D.H.



GEOLOGICAL BRANCH
ASSESSMENT REPORT
19,922

For Analytical Results refer to: January 1989 Report
NOTE: Topography based on photostereo enlargement of N.T.S. 1:50,000 scale map 104A/5



MAP 6
TODD CREEK PROPERTY
ORANGE MOUNTAIN TARGET AREA
FALL CREEK & NORTH A ZONES
COMPILATION MAP
(after Noranda Exploration 1988: Assessment Report 19,922)
Scale 1:2500
NTS 104A/5 Rev: March 2007

GEOLOGICAL SURVEY BRANCH
29,035



● DDHFC06-01A 2006 DDH
 ● DDHFC07-01 2007 PROPOSED DDH

LEGEND	
●	DD collar location/direction
NTC 90-58	DD hole number
—	axis of IP anomaly
—	mineralized vein
—	1994 soil gold contour (ppb)
—	Noranda soil gold contour (ppb)
—	ice 544
—	contour on land (ft)
—	contour on glacier (ft)
—	1994 cut grid
—	1995 proposed grid

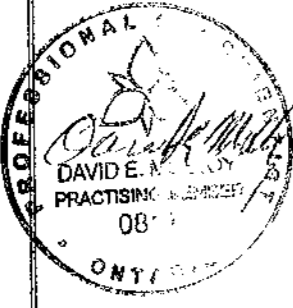
TODD CREEK PROPERTY

MAP 5

COMPILATION OF HISTORICAL WORK
 ICE, FALL CREEK AND NORTH ZONE
 TARGET AREAS

Scale 1:2500 Rev: March 2007

by Geotline Exploration Consultants Ltd. October, 1994



39,500



1997 ROCK ANALYSES											1994 ROCK ANALYSES										
SAMPLE NO	Au g/t	Cu ppm	Zn ppm	Pb ppm	As ppm	Pt ppm	Cd ppm	Ba ppm	Ag ppm	Sn ppm	Sb ppm	Bi ppm	Mo ppm	Co ppm	Ni ppm	Se ppm	Te ppm	U ppm	Th ppm	Pu ppm	
598637	<.005	107	78	<.2	73	13	<.5	70	86043 f	5400	7870	301	NA	38	44	NA	NA	NA	NA	NA	
598638	<.005	50	38	0.2	16	28	0.5	90	86044 c	17	48	137	NA	15	30	NA	NA	NA	NA	NA	
598639	<.005	60	182	0.2	48	28	0.5	50	86045 c	88	205	988	NA	20	332	NA	NA	NA	NA	NA	
598640	<.005	37	58	<.2	612	36	<.5	10	86046 c	519	4430	5450	NA	27	624	NA	NA	NA	NA	NA	
598641	<.005	4	100	<.2	38	14	<.5	120	86047 c	8900	7510	234	NA	80	92	NA	NA	NA	NA	NA	
598642	<.005	11	73	0.2	182	28	<.5	20	86048 f	34	48	97	NA	1850	118	NA	NA	NA	NA	NA	
598643	<.005	7	160	0.4	8	10	<.5	190	86049 f	10	35	12	NA	42	21	NA	NA	NA	NA	NA	
598644	<.005	4	50	<.2	4	2	<.5	160	86050 f	1	12	15	NA	48	27	NA	NA	NA	NA	NA	
598645	<.005	9	32	0.8	16	16	<.5	70	86051 f	6	21	56	NA	7500	221	NA	NA	NA	NA	NA	
598646	<.005	4	50	<.2	4	2	<.5	160	86052 f	2	189	1520	NA	35	1810	NA	NA	NA	NA	NA	
598647	<.005	9	32	0.8	16	16	<.5	70	86053 f	1	18	11	NA	44	49	NA	NA	NA	NA	NA	
598648	<.005	14	60	<.2	19	8	<.5	60	86054 f	1	14	10	NA	38	26	NA	NA	NA	NA	NA	
598649	<.005	14	60	<.2	19	8	<.5	60	86055 f	1	6	74	NA	8	19	NA	NA	NA	NA	NA	
598650	<.005	14	60	<.2	19	8	<.5	60	86056 f	1	9	22	NA	4	23	NA	NA	NA	NA	NA	
598651	<.005	14	60	<.2	19	8	<.5	60	86057 f	4	40	8	NA	30	14	NA	NA	NA	NA	NA	
598652	<.005	14	60	<.2	19	8	<.5	60	86058 f	14	39	21	NA	17	31	NA	NA	NA	NA	NA	
598653	<.005	14	60	<.2	19	8	<.5	60	86059 f	1070	24300	1397	NA	106	53	NA	NA	NA	NA	NA	
598654	<.005	14	60	<.2	19	8	<.5	60	86060 f	229	6070	321	NA	41	50	NA	NA	NA	NA	NA	
598655	<.005	14	60	<.2	19	8	<.5	60	86061 c	75	5140	224	NA	52	133	NA	NA	NA	NA	NA	
598656	<.005	14	60	<.2	19	8	<.5	60	86062 f	22	6791	9760	298	NA	750	101	NA	NA	NA	NA	
598657	<.005	14	60	<.2	19	8	<.5	60	86063 c	11.5 g/t	31000	1830	NA	1975	212	NA	NA	NA	NA	NA	
598658	<.005	14	60	<.2	19	8	<.5	60	86064 f	761	4290	525	NA	40	55	NA	NA	NA	NA	NA	
598659	<.005	14	60	<.2	19	8	<.5	60	86065 f	14.5 g/t	19100	5210	NA	1500	287	NA	NA	NA	NA	NA	
598660	<.005	14	60	<.2	19	8	<.5	60	86066 f	671	295	152	NA	2250	85	NA	NA	NA	NA	NA	
598661	<.005	14	60	<.2	19	8	<.5	60	86067 c	25	35	76	NA	22	50	NA	NA	NA	NA	NA	
598662	<.005	14	60	<.2	19	8	<.5	60	86068 f	333	5850	515	NA	58	113	NA	NA	NA	NA	NA	
598663	<.005	14	60	<.2	19	8	<.5	60	86069 g	2780	90	417	NA	725	72	NA	NA	NA	NA	NA	
598664	<.005	14	60	<.2	19	8	<.5	60	86070 f	7	67	88	NA	30	23	NA	NA	NA	NA	NA	
598665	<.005	14	60	<.2	19	8	<.5	60	86071 c	6	51	49	NA	5	23	NA	NA	NA	NA	NA	
598666	<.005	14	60	<.2	19	8	<.5	60	86072 c	30	43	119	NA	21	42	NA	NA	NA	NA	NA	
598667	<.005	14	60	<.2	19	8	<.5	60	86073 c	468	4550	106	NA	625	67	NA	NA	NA	NA	NA	
598668	<.005	14	60	<.2	19	8	<.5	60	86074 c	125	39	35	NA	250	96	NA	NA	NA	NA	NA	
598669	<.005	14	60	<.2	19	8	<.5	60	86075 f	418	53	81	NA	1100	84	NA	NA	NA	NA	NA	
598670	<.005	14	60	<.2	19	8	<.5	60	86076 f	16	10	24	NA	20	19	NA	NA	NA	NA	NA	
598671	<.005	14	60	<.2	19	8	<.5	60	86077 c	1355	7440	1430	NA	91	67	NA	NA	NA	NA	NA	
598672	<.005	14	60	<.2	19	8	<.5	60	86078 c	418	53	81	NA	1100	84	NA	NA	NA	NA	NA	
598673	<.005	14	60	<.2	19	8	<.5	60	86079 f	16	10	24	NA	20	19	NA	NA	NA	NA	NA	
598674	<.005	14	60	<.2	19	8	<.5	60	86080 c	15	922	169	NA	9	130	NA	NA	NA	NA	NA	
598675	<.005	14	60	<.2	19	8	<.5	60	86081 f	60	20	71	NA	14	22	NA	NA	NA	NA	NA	
598676	<.005	14	60	<.2	19	8	<.5	60	86082 f	33	62	73	NA	16	32	NA	NA	NA	NA	NA	
598677	<.005	14	60	<.2	19	8	<.5	60	86083 f	15	922	169	NA	9	130	NA	NA	NA	NA	NA	
598678	<.005	14	60	<.2	19	8	<.5	60	86084 f	60	20	71	NA	14	22	NA	NA	NA	NA	NA	
598679	<.005	14	60	<.2	19	8	<.5	60	86085 c	123	27	63	NA	29	31	NA	NA	NA	NA	NA	
598680	<.005	14	60	<.2	19	8	<.5	60	86086 c	54	46	106	NA	40	47	NA	NA	NA	NA	NA	
598681	<.005	14	60	<.2	19	8	<.5	60	86087 c	2340	4170	95	NA	1900	119	NA	NA	NA	NA	NA	
598682	<.005	14	60	<.2	19	8	<.5	60	86088 c	1155	4700	109	NA	850	74	NA	NA	NA	NA	NA	
598683	<.005	14	60	<.2	19	8	<.5	60	86089 c	49	89	70	NA	21	35	NA	NA	NA	NA	NA	
598684	<.005	14	60	<.2	19	8	<.5	60	86090 c	63	25	65	NA	95	51	NA	NA	NA	NA	NA	
598685	<.005	14	60	<.2	19	8	<.5	60	86091 c	684	119	78	NA	625	158	NA	NA	NA	NA	NA	
598686	<.005	14	60	<.2	19	8	<.5	60	86092 c	4040	393	119	NA	1400	560	NA	NA	NA	NA	NA	

NA206-01 2006 DDH

LEGEND

ROCK TYPES

Q thick drift, cobble, alluvium, till

MIDDLE (?) AND UPPER JURASSIC - BOWSER LAKE GROUP

B1 silty mudstone lithofacies, bioturbated silty mudstone with regularly interbedded, Fe-carbonate cemented fine grained sandstone

B2 arkosic volcanic litharenite turbidite lithofacies, thin and medium bedded, fine to medium grained, poorly sorted arkosic litharenite with interbedded silty mudstone

B3 pyritic silty mudstone lithofacies; pyritic, siliceous, tuffaceous silty mudstone, fine to medium grained lithic arkose

B4 undifferentiated Bowser Lake Sediments

HAZELTON GROUP - SALMON RIVER FORMATION

S1 undifferentiated sediments (shale, mudstone, dust, limestone, conglomerate, tuffaceous sediments)

S2 undifferentiated volcanics (basalt, pillowed basalt, volcanic breccia)

HAZELTON GROUP - LOWER AND MIDDLE JURASSIC

H1 ferrocrete

H2 crystal tuff

H3 crystal tuff breccia, agglomerate

H4 ash tuff, ash tuff breccia, agglomerate

H5 undifferentiated pyroclastic rocks: tuff, breccia, agglomerate

H6 felsic volcanic rocks (rhyolite)

H7 intermediate volcanic rocks (dacite)

H8 mafic volcanic rocks (basalt, pillowed basalt, andesite)

H9 undifferentiated, strongly altered rock

INTRUSIVE ROCKS

R1 felsic dykes

R2 hornblende diorite porphyry

R3 quartz feldspar porphyry

R4 mafic dyke

ABBREVIATIONS

carb	carbonalized	ox	oxidized
ch	chloritized	py	pyritized
cpy	chalcopryite	q vn	quartz vein
hem	hematized	sil	silicified
hem	hematized	sulf	sulfidized
lim	limonite	stwk	stockwork
mal	malachite	vn	vein
ms	semi massive sulfides		

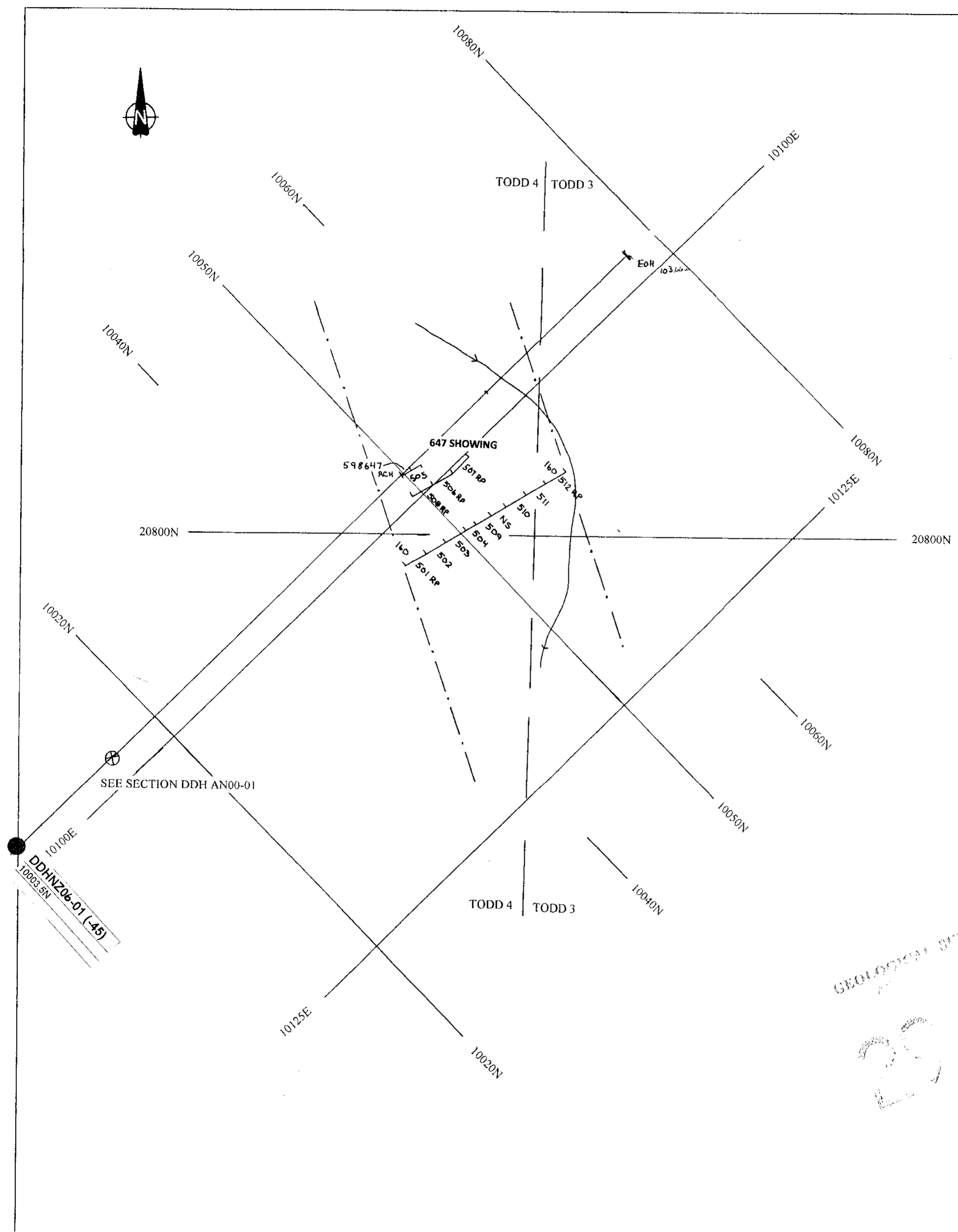
SYMBOLS

○	outcrop area
○	rock grab sample insitu 1997
○	composite of insitu rock 1997
○	rock grab sample insitu 1994
○	rock composite 1994
○	float sample 1994
○	trench (historical)
○	claim post and claim line
○	mineralized vein
○	drill hole (historical)
○	strike and dip of zone
○	strike and dip of fracture
○	strike and dip of shearing

TODD CREEK PROPERTY
MAP 7
NORTH ZONE A GRID - GEOLOGY & ROCK
GEOCHEMICAL SURVEYS

SCALE 1:500

Geofine Exploration Consultants Ltd
 Rev. March 2007



1999 ROCK SAMPLE ANALYSES												
SAMPLE NUMBER	AU ppb	AG ppm	CU ppm	PB ppm	ZN ppm	AS ppm	BA ppm	CD ppm	HG ppm	SB ppm	MO ppm	
160501RP	45	0.4	62	30	110	18	90	0.5	<1	2	7	
160502RP	35	0.4	75	16	642	14	120	8	<1	6	6	
160503RP	90	0.6	304	20	238	8	90	4.5	<1	4	6	
160504RP	285	1.4	1315	48	218	16	90	4.5	<1	4	4	
160505RP	44180	8.4	33000	6	116	172	20	0.5	<1	8	16	
160506RP	20140	3.4	4750	26	174	144	40	2.5	<1	8	38	
160507RP	630	3.2	2790	32	294	108	20	5	<1	11	74	
160508RP	1575	5.8	12000	24	318	280	40	7	<1	8	63	
160509RP	40	0.6	257	28	160	22	210	0.5	<1	6	9	
160510RP	265	5.4	2370	558	1300	58	40	13	<1	8	13	
160511RP	25	1.0	65	58	264	58	80	1.5	<1	4	6	
160512RP	245	4.6	1815	170	834	28	70	6.5	<1	8	15	

DDHNZ06-01 (-45) 2006 DDH

SYMBOLS

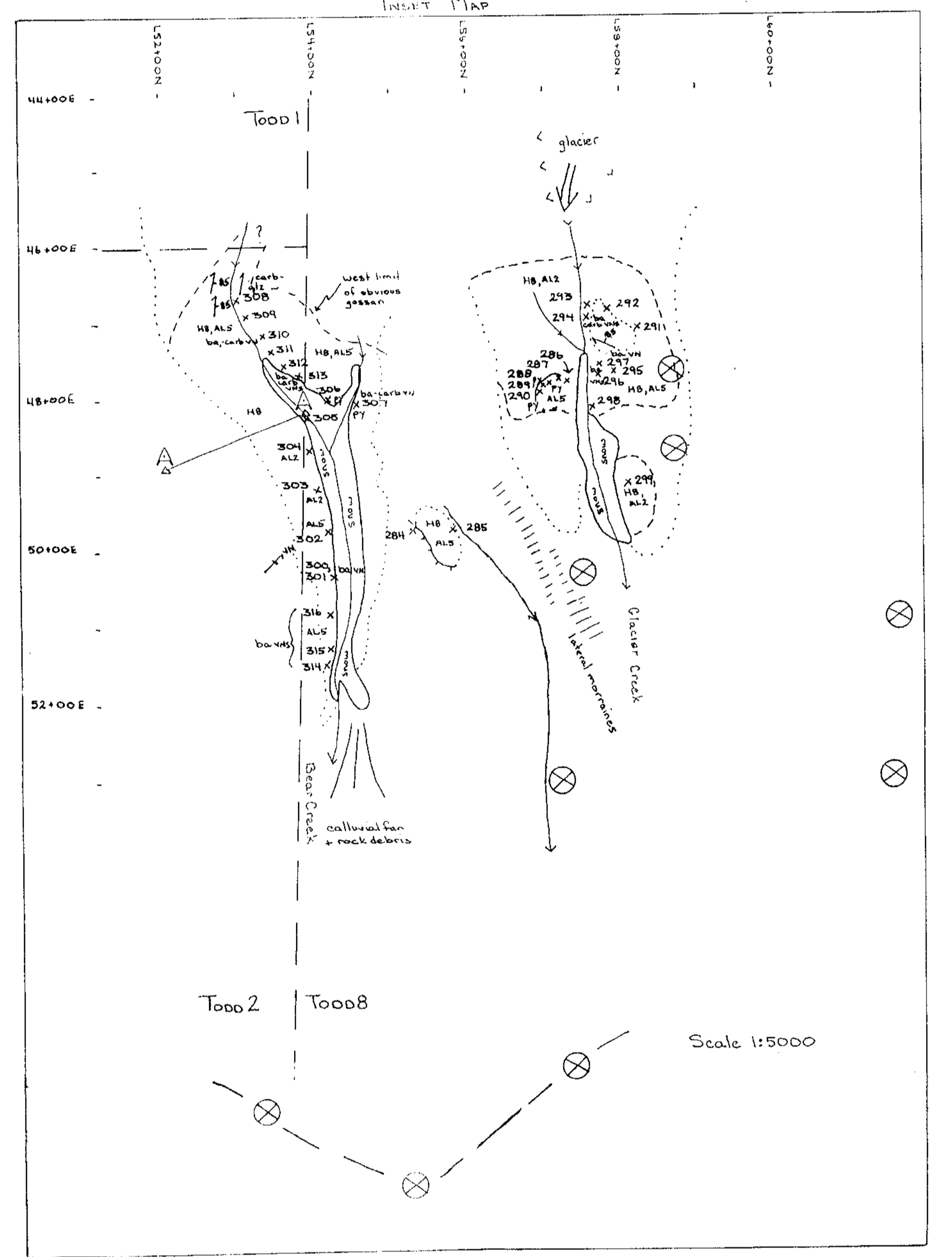
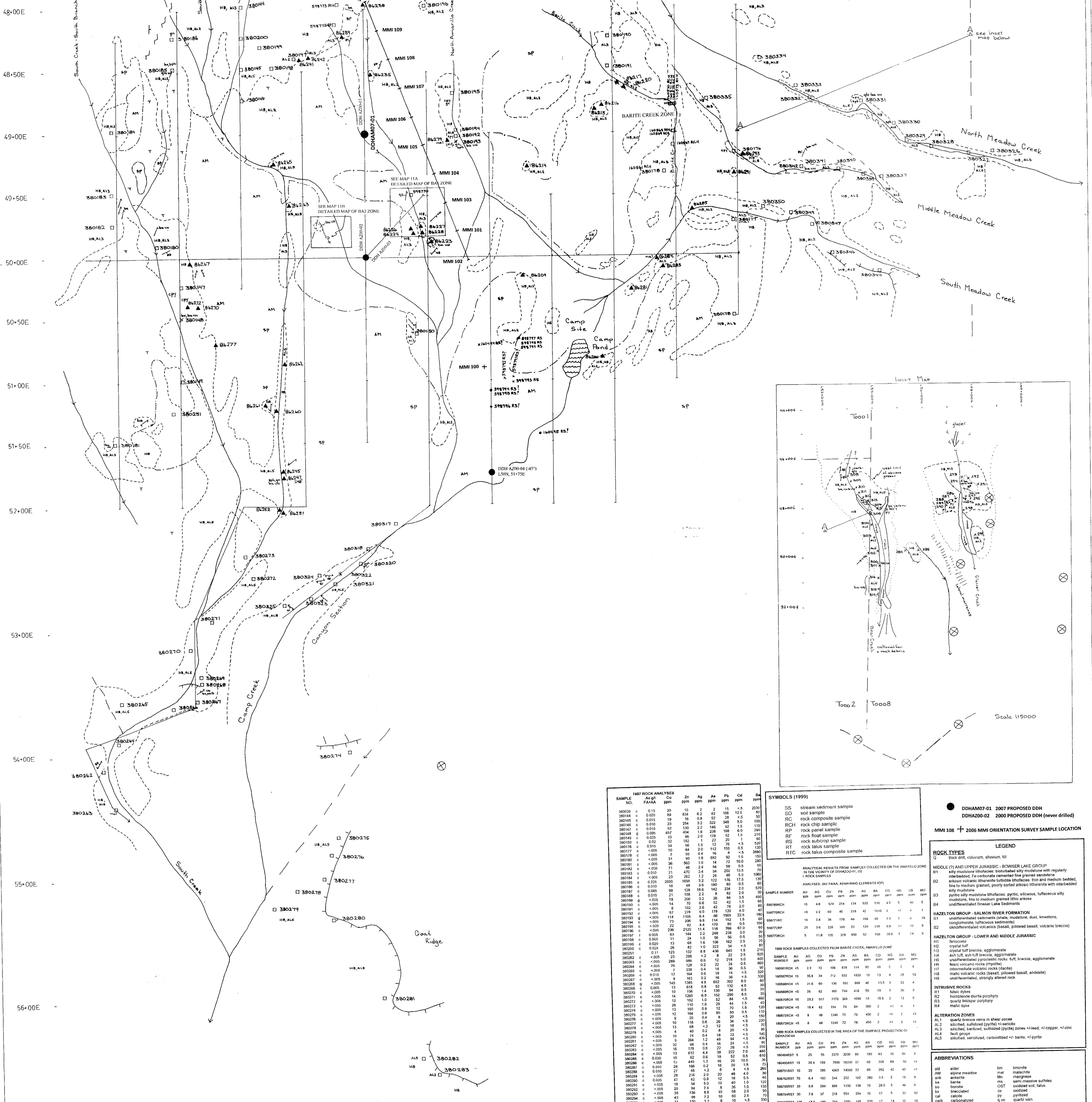
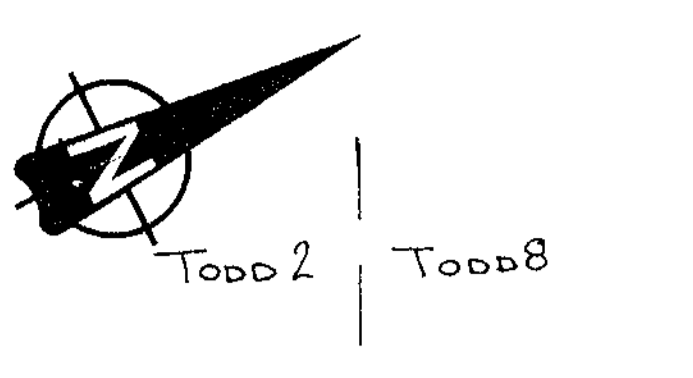
- 598647 historic rock sample & location
- 160508 1999 rock sample & location
- 509 1999 rock sample & location
- SS stream sediment sample
- SO soil sample
- RC rock composite sample
- RCH rock chip sample
- RP rock panel sample
- RF rock float sample
- RS rock subcrop sample
- RT rock talus sample
- RTC rock talus composite sample
- ~ ~ interpreted fault
- TODD 4 | TODD 3 claim line
- ⊗ dd hole spotted in 1999
- stream and direction
- - - mineralized zone

MAP 7A

DETAILED PLAN OF 1999 FOLLOW-UP OF SAMPLE 598647 RCH, A ZONE, NORTH GRID: TODD CREEK PROPERTY

Scale 1:250

Geofine Exploration Cons. Ltd. Rev. March 2007



SAMPLE NO.	Au ppm	Ag ppm	Cu ppm	Zn ppm	As ppm	Pb ppm	Cd ppm	Ba ppm	1997 ROCK ANALYSES	
									ppm	ppm
380025	0.113	0.10	2	2	15	<5	2030			
380144	0.020	89	834	6.2	42	168	120	60		
380145	0.010	19	16	0.8	0.2	28	<5	50		
380146	0.010	23	254	3.2	32	348	5.0	190		
380147	0.015	52	105	2.0	148	162	1.5	110		
380148	0.020	407	404	1.6	238	188	6.0	290		
380149	0.022	10	66	2.0	118	12	1.5	210		
380150	0.012	32	162	1.1	22	20	1	<5	820	
380178	0.015	34	56	1.0	12	150	0.5	131		
380179	0.005	31	90	1.8	550	92	1.5	150		
380181	0.005	36	560	1.0	14	72	10.0	280		
380182	0.005	71	46	4.4	54	58	0.5	91		
380183	0.010	21	470	3.4	54	202	10.0	70		
380184	0.005	22	262	1.2	24	40	5.0	100		
380185	0.025	2650	1895	3.2	122	116	17.5	130		
380186	0.010	10	48	1.8	180	80	0.5	60		
380188	0.045	88	128	18.6	142	234	2.0	570		
380189	0.015	21	108	2.2	6	82	2.0	38		
380190	0.005	18	300	3.2	26	84	3.5	490		
380191	0.005	14	70	7.0	5.8	42	1.5	40		
380192	0.005	57	278	6.8	98	1665	22.5	180		
380193	0.005	114	1100	6.4	114	4102	1.5	160		
380194	0.005	73	206	9.8	114	206	0.5	100		
380195	0.005	22	44	1.0	80	87.5	0.5	60		
380196	0.005	238	2100	11.4	114	196	0.75	50		
380197	0.005	63	144	2.2	246	238	3.0	30		
380198	0.005	11	24	1.0	56	56	0.65	70		
380199	0.005	13	68	0.4	18	162	2.5	70		
380200	0.025	28	82	1.0	332	34	<5	210		
380201	0.113	123	62	0.8	436	840	1.5	60		
380202	0.005	23	285	4.2	8	22	2.5	80		
380203	0.005	289	944	0.2	218	6.0	400			
380204	0.005	76	128	0.2	22	24	0.5	80		
380205	0.010	17	164	0.8	18	14	<5	320		
380206	0.010	17	164	0.8	18	14	<5	320		
380207	0.005	145	135	4.8	652	302	8.0	60		
380208	0.005	15	618	0.8	82	132	0.5	50		
380209	0.005	10	156	1.4	130	54	0.5	70		
380210	0.005	10	156	1.4	130	54	0.5	70		
380211	0.005	14	1260	1.0	52	84	<5	460		
380212	0.005	2	108	0.2	12	14	1.5	120		
380213	0.005	26	110	5.6	20	44	1.5	120		
380214	0.005	3	68	0.2	12	14	1.5	120		
380215	0.005	12	164	0.6	90	20	<5	150		
380216	0.005	10	116	0.8	26	34	<5	220		
380217	0.005	9	58	0.2	12	14	<5	70		
380218	0.005	4	40	0.2	8	20	<5	80		
380219	0.005	13	68	0.4	18	22	<5	80		
380220	0.005	19	254	1.2	48	94	<5	80		
380221	0.005	14	40	0.2	8	20	<5	80		
380222	0.005	16	178	0.6	22	28	<5	280		
380223	0.005	13	68	0.4	18	22	<5	80		
380224	0.005	10	62	0.6	18	52	0.5	80		
380225	0.010	28	166	0.2	16	28	1.5	70		
380226	0.010	28	216	2.0	20	46	4.0	30		
380227	0.005	18	84	0.2	12	14	1.5	40		
380228	0.005	18	84	0.2	12	14	1.5	40		
380229	0.005	20	84	0.2	12	14	1.5	40		
380230	0.005	19	136	8.8	10	58	2.0	90		
380231	0.005	43	188	7.2	10	58	2.0	90		
380232	0.005	11	130	1.2	8	10	<5	330		
380233	0.005	4	148	0.2	4	<5	0.5	160		
380234	0.005	12	12	1.4	2	20	<5	110		
380235	0.010	18	54	1.8	16	36	1.0	30		
380236	0.005	14	68	0.4	18	22	<5	80		
380237	0.005	9	618	0.8	136	10	0.6	490		
380238	0.005	3	68	0.2	12	14	<5	80		
380239	0.005	34	154	4.6	68	58	1.0	10		
380240	0.005	92	42	0.6	34	<5	40			
380241	0.010	92	112	2.0	28	28	1.5	10		
380242	0.010	22	440	0.4	82	162	10.0	80		
380243	0.010	21	238	0.4	8	42	2.5	100		
380244	0.005	61	110	1.8	32	78	3.0	170		
380245	0.005	81	110	1.8	32	78	3.0	170		
380246	0.005	81	110	1.8	32	78	3.0	170		
380247	0.005	26	140	9.0	24	42	<5	40		
380248	0.005	26	140	9.0	24	42	<5	40		
380249	0.005	26	140	9.0	24	42	<5	40		
380250	0.005	26	140	9.0	24	42	<5	40		

SYMBOLS (1999)

- SS stream sediment sample
- SO soil sample
- RC rock composite sample
- RCH rock chip sample
- RP rock panel sample
- RF rock float sample
- RS rock subcrop sample
- RT rock talus sample
- RTC rock talus composite sample

ANALYTICAL RESULTS FROM SAMPLES COLLECTED ON THE AMARILLO ZONE IN THE VICINITY OF DOHANOZ-01. (2) ROCK SAMPLES

ANALYSES (AU FAMIL, REMAINING ELEMENTS (CP))

SAMPLE NUMBER	AU	AG	CU	PB	ZN	AS	BA	CD	HS	MO	SD
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
380789RCH	5	48	574	214	134	552	170	45	5	6	6
380779RCH	5	22	60	46	218	40	1430	7	<1	<1	1
380779RCH	5	28	38	176	48	168	45	3.5	1	1	13
380779RCH	5	34	208	100	30	100	240	58	<1	<1	9
380779RCH	5	118	125	378	500	52	100	20.5	3	24	5

1999 ROCK SAMPLES COLLECTED FROM BARTLE CREEK, AMARILLO ZONE

SAMPLE NO.	AU	AG	CU	PB	ZN	AS	BA	CD	HS	MO	SD
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
380678RCH	5	25	55	270	320	66	199	83	15	3	3
380710RCH	5	21	265	1450	22	60	148	60	49	40	6
380710RCH	5	64	187	24	552	162	380	15	2	18	9
380710RCH	5	64	187	24	552	162	380	15	2	18	9
380710RCH	5	64	187	24	552	162	380	15	2	18	9

1999 ROCK SAMPLES COLLECTED IN THE AREA OF THE SURFACE PROJECTION OF DOHANOZ-01

SAMPLE NO.	AU	AG	CU	PB	ZN	AS	BA	CD	HS	MO	SD
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
380845RCH	5	25	55	270	320	66	199	83	15	3	3
380710RCH	5	21	265	1450	22	60	148	60	49	40	6
380710RCH	5	64	187	24	552	162	380	15	2	18	9
380710RCH	5	64	187	24	552	162	380	15	2	18	9
380710RCH	5	64	187	24	552	162	380	15	2	18	9

ROCK TYPES
 Q thick cilt, congl, alluvium, till

LEGEND

MIDDLE (?), AND UPPER JURASSIC - BOWSER LAKE GROUP

- B1 siltstone lithology, tabular to siltstone with regularly interbedded, fine to medium grained, poorly sorted, silty lithology with interbedded arkosic volcanic lithology turbidite lithofacies, thin and medium bedded, fine to medium grained, poorly sorted, silty lithology with interbedded siltstone
- B3 siltstone lithology, tabular to siltstone with regularly interbedded, fine to medium grained, poorly sorted, silty lithology with interbedded arkosic volcanic lithology turbidite lithofacies, thin and medium bedded, fine to medium grained, poorly sorted, silty lithology with interbedded siltstone
- B4 undifferentiated arkosic shale, mudstone, siltstone, limestone, conglomerate, tufaceous sedimentary rocks
- S2 undifferentiated volcanic, basalt, pillowed basalt, volcanic breccia

HAZELTON GROUP - LOWER AND MIDDLE JURASSIC

- H1 felsite, rhyolite
- H2 crystal tuff
- H3 ash tuff, ash lift breccia, agglomerate
- H4 undifferentiated arkosic shale, mudstone, siltstone, limestone, conglomerate, tufaceous sedimentary rocks
- H5 basic volcanic rocks (pyroclastic)
- H6 intermediate volcanic rocks (dikes)
- H7 mafic volcanic rocks (basalt, pillowed basalt, andesite)
- H8 undifferentiated, strongly altered rock

INTRUSIVE ROCKS

- R1 felsite, rhyolite
- R2 hornblende dike porphyry
- R3 quartz dike porphyry
- R4 mafic dyke

ALTERATION ZONES

- A1 quartz breccia veins in shale zones
- A2 silicified, sulfated (pyrite) + sericite
- A3 silicified, sulfated (pyrite) + sericite
- A4 fault gouge
- A5 silicified, sericitized, carbonated + Fe-battin, + pyrite

ABBREVIATIONS

ald	alder	lim	limonite
am	alpine meadow	mal	malpais
an	anilite	ma	magness
ba	barite	ms	semi massive sulfides
br	breccia	o	oxidized soil
bu	bull	oc	oxidized
ca	calcite	pr	pyrite
car	carbonized	sv	sericitized vein
ch	chert	st	sericitized
chr	chlorite	stf	stibnite
cp	chlorophyll	stg	stibnite
ep	epidotite	stn	stibnite
gt	gypsum	stq	stibnite
hem	hematite	stt	stibnite
hb	hornblende	str	stibnite
per	peridotite	vn	vein

SYMBOLS

- outcrop area
- rock grab sample (instn 1997)
- minimum 1x1m composite of instn rock 1997
- float sample 1997
- composite of instn rock or subcrop 1994
- vegetation contact
- fault
- interpreted fault
- claim post and claim line
- stream
- dry gully
- cilt
- mineralized zone
- strike and dip of zone
- strike and dip of structure
- 1994 weak EM conductive trend
- 1994 weak EM conductive trend
- interpreted EM conductive trend

TODD CREEK PROPERTY MAP 8

2006 MMI ORIENTATION SURVEY & 1997 GEOCHEMICAL SURVEY

Scale 1:1000

Rev: March 2007

c-rock composite over a minimum of 1x1m area
 ch-channel
 cft-rock grab
 cmm-rock grab
 cmm-rock grab
 cmm-rock grab

Composite of instn rock or subcrop usually over 1x1m area
 See "Report on the Phase 1 1994 Exploration Program" for Areas A-1 through A-8

APPENDIX C:

LIST OF CROSS-SECTIONS:

<u>TITLE:</u>	<u>APPENDIX C, BINDER 1 LOCATION:</u>
MEXT SECTION 10472.5N@70°, DDHMZ06-01A, -01B, -01C..	POCKET 1
MEXT SECTION 10472.5N@100°, DDHMZ06-01C, -01D.....	POCKET 2
MEXT SECTION 10391N, DDHMZ06-02.....	POCKET 3
FALL CREEK SECTION 20218N, DDHFC06-01A, -01B.....	POCKET 4
NORTH A SECTION 10097.5E, DDHNAZ06-01.....	POCKET 5

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

29,035



ABBREVIATIONS	
alt - altered	int - intensely
ang - angular	lim - limonitized
ank - ankerite	mas - massive
arg - argillite	Ma - manganese
arg - argonopyrite	mtx - matrix
bar - barite	mod - moderate
bio - biotite	porphy - porphyritic
brecc - brecciated	py - pyrite
bx - breccia	st - strongly
chl - chlorite-chloritized	self - self-sulfidated
carb - carbonate/carbonatized	ser - sericitized
co - coarse	sil - silicified
cpy - chalcopyrite	spec - specular hematite
ct - crystal tuff	tr - trace
ep - epidote	fract - fracture
fract - fracture	hem - hematite
flch - fichtelite	hem - hematite breccia
gal - galena	vol - volcanic
hem - red hematite	vb - volcanic breccia
libd - hornblende	qrz - quartz
vs - vein	

SYMBOLS	
	2006 DDH
	Constant angle
	Constant angle interrupted
	vein
	larger vein
	fracture
	group
	creek

ROCK TYPES	
CTVBX	crystal tuff/volcanic breccia
FELIC DYKE	felsic dyke

MINERALIZATION	
Components of Multi-phase Breccia Vein Systems (MBVS):	
LEAD IN:	mineralized hanging wall to core of MBVS
CORE:	most intensely mineralized component of MBVS
LEAD OUT:	mineralized footwall to core of MBVS
Types of Multi-phase Breccia Vein Systems (MBVS):	
OXIDE:	hematite +/- disseminations, veins, semi massive specular hematite
SULF:	blabby chalcopyrite +/- disseminations, veins, semi massive pyrite

VEIN TYPES	
baqa	barite-quartz-ankerite
chl mbx	chlorite matrix breccia
chl smbx	chlorite-sulfide matrix breccia
qtz	quartz
qa	quartz-ankerite
qcha	quartz-carbonate-barite
qchabx	quartz-carbonate-barite breccia
qa	quartz-carbonate
qca	quartz-carbonate-ankerite
qg-chl	quartz-carbonate-chlorite
qca	quartz-carbonate-sulfide
qcmx	quartz-carbonate matrix breccia
qmbx	quartz matrix breccia
qa	quartz-sulfide
q hem spec	quartz-hematite-specularite
q hem	quartz-carbonate-hematite
s	sulfide
sqchaba	sulfide-quartz-carbonate-barite breccia

GEOTECHNICAL SURVEY BRANCH
 29,035
 950m

Geofine Exploration Consultants Ltd.

TODD CREEK PROPERTY - MEXT ZONE

Drill Section 10472.5N: DDHMZ06-01A, 01B, 01C, Looking 340 Deg.

Date = 4/2/2007

Scale 1:250



FC06-01B

NTFC88-49

FC06-01A

20500E

20600E

20700E

20198

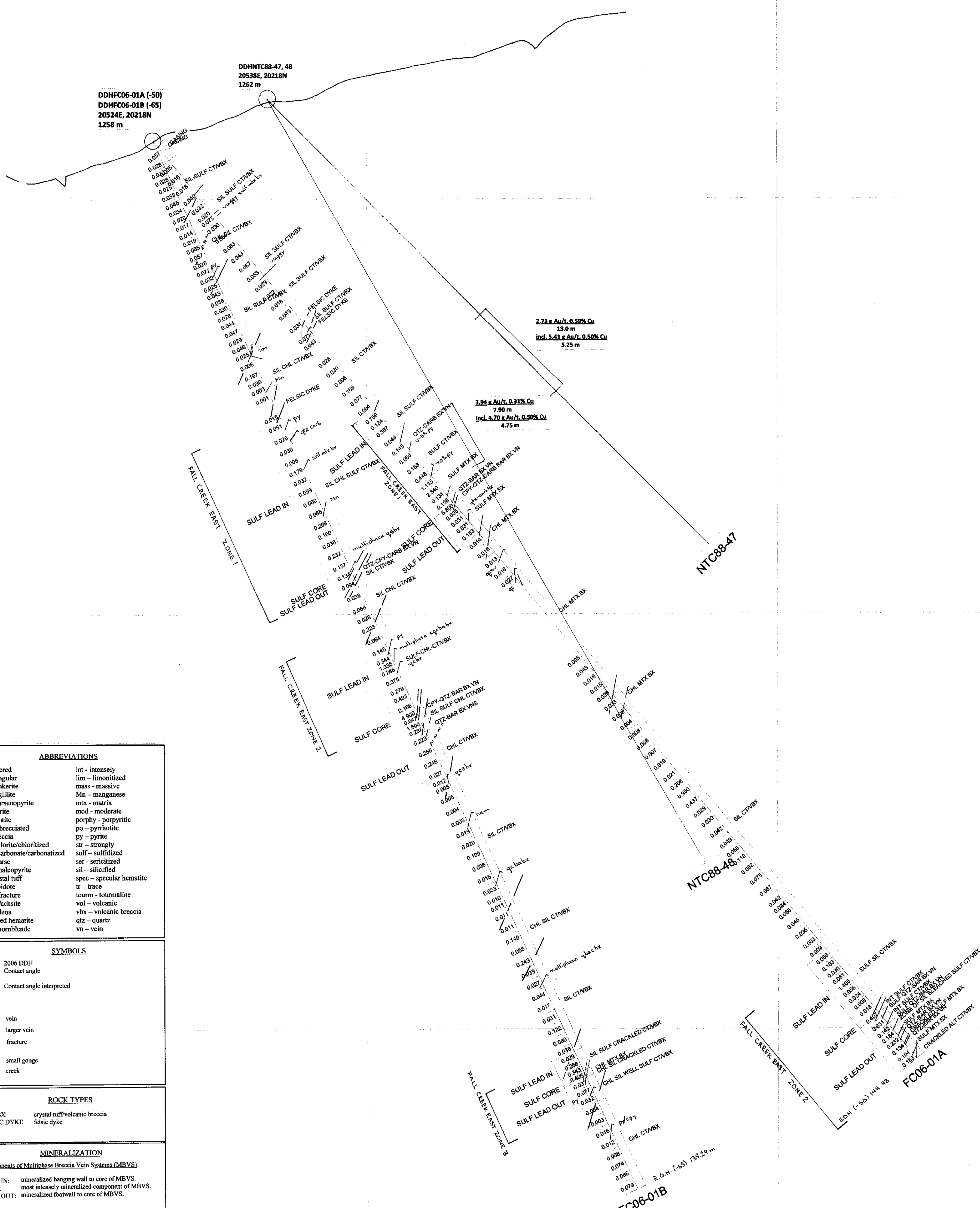
1300m

1250m

1200m

1150m

1100m



ABBREVIATIONS	
alt - altered	int - intensely
ang - angular	lim - limonitized
ank - ankerite	mas - massive
arg - argillite	Mn - manganese
arsp - arsenopyrite	mix - matrix
bar - barite	mod - moderate
bio - biotite	porphy - porphyritic
brecc - brecciated	py - pyrrhotite
bx - breccia	py - pyrite
chl - chlorite-chloritized	str - strongly
carb - carbonaceous	sulf - sulfidized
co - coarse	ser - sericitized
cpy - chalcopyrite	sil - silicified
ct - crystal tuff	spec - specular hematite
epi - epidote	tr - trace
fract - fracture	tour - tourmaline
fuch - fuchsite	vol - volcanic
gal - galena	vbx - volcanic breccia
hem - hematite	qtz - quartz
hbld - hornblende	vn - vein

SYMBOLS	
2006 DDH	Contact angle
Symbol	Contact angle interpreted
Symbol	vein
Symbol	larger vein
Symbol	fracture
Symbol	small gouge
Symbol	creek

ROCK TYPES	
CTVBRX	crystal tuff/volcanic breccia
FELSYDKE	felsic dyke

MINERALIZATION	
Components of Multi-phase Breccia Vein Systems (MBVS):	
LEAD IN:	mineralized hanging wall to core of MBVS
CORE:	most intensely mineralized component of MBVS
LEAD OUT:	mineralized footwall to core of MBVS
Types of Multi-phase Breccia Vein Systems (MBVS):	
OXIDE:	hematite +/- disseminations, veins, semi massive specular hematite
SULF:	massive chalcopyrite +/- disseminations, veins, semi massive pyrite

VEIN TYPES	
baga	barite-quartz-ankerite
chl mbx	chlorite matrix breccia
chl mbx	chlorite-sulfide matrix breccia
q	quartz
qa	quartz-ankerite
qcbx	quartz-carbonate-barite breccia
qc	quartz-carbonate
qca	quartz-carbonate-ankerite
qc-chl	quartz-carbonate-chlorite
qcs	quartz-carbonate-sulfide
qcmx	quartz-carbonate matrix breccia
qmbx	quartz matrix breccia
qs	quartz-sulfide
q hem spec	quartz-hematite-specularite
q hem	quartz-hematite-hematite
q	sulfide
sqcbx	sulfide-quartz-carbonate-barite

29.035

GEOLOGICAL SURVEY BRANCH



Geofine Exploration Consultants Ltd.

TODD CREEK PROPERTY - FALL CREEK EAST ZONE

Section 20218E: DDHFC06-01A, 01B, Looking North

Date = 4/1/2007

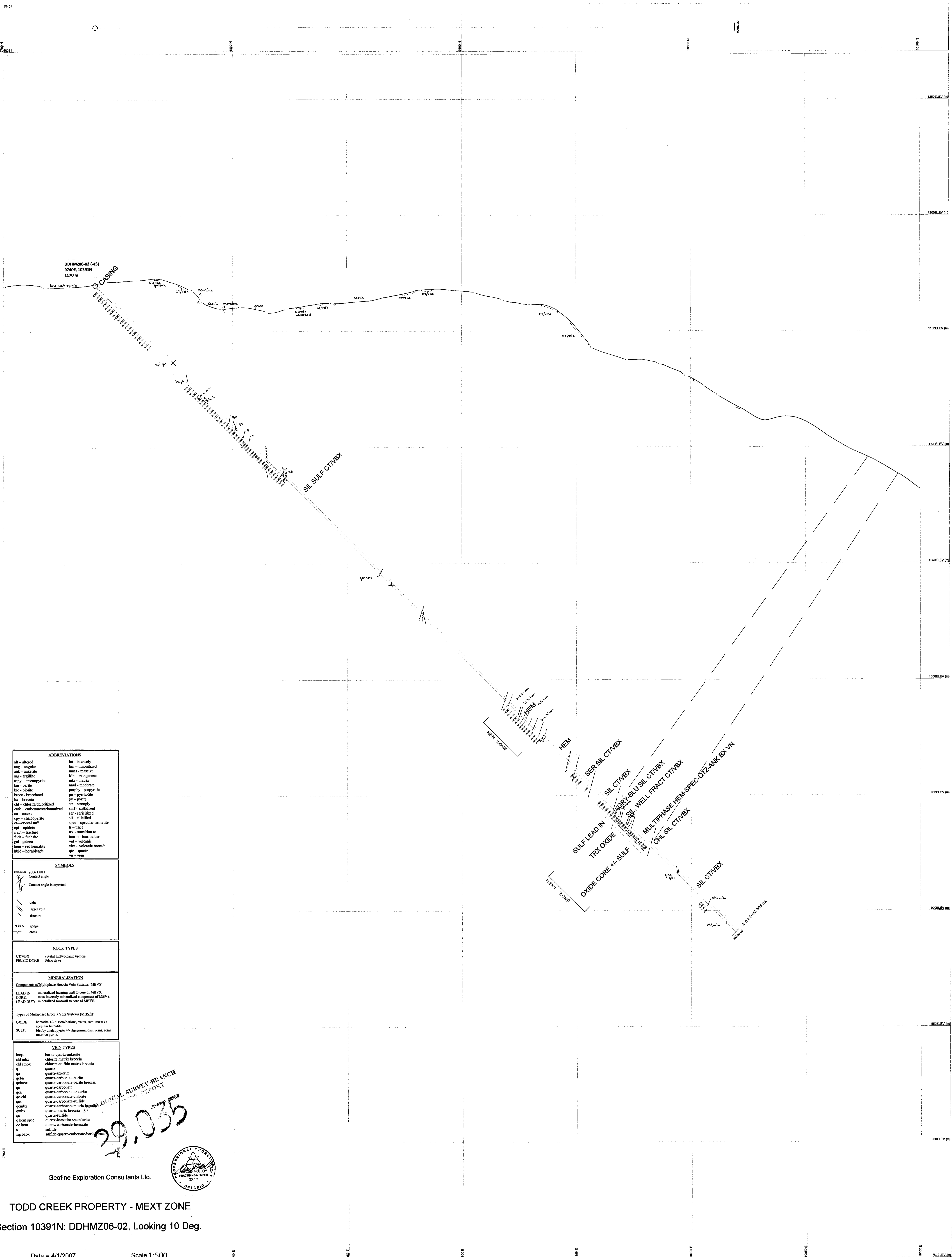
Scale 1:250

20500E

30E

20600E

20700E



ABBREVIATIONS	
alt - altered	int - intensely
ang - angular	lim - limonitized
ank - ankierite	mas - massive
arg - argillite	mn - manganese
aspy - arsenopyrite	mtx - matrix
bar - barite	mod - moderate
bio - biotite	propy - pyrope
brecc - brecciated	py - pyrite
bx - breccia	py - pyrite
chl - chlorite/chloritized	str - strongly
carb - carbonate/carbonized	sulf - sulfidized
co - coarse	ser - sericitized
cpy - chalcopyrite	sil - silicified
ct - crystal tuff	spec - specular hematite
epi - epidote	tr - trace
fract - fracture	trn - transition to
flch - fuchsite	tuam - tourmaline
gal - galena	vol - volcanic
hem - red hematite	vbx - volcanic breccia
hbl - hornblende	qtz - quartz
	vn - vein

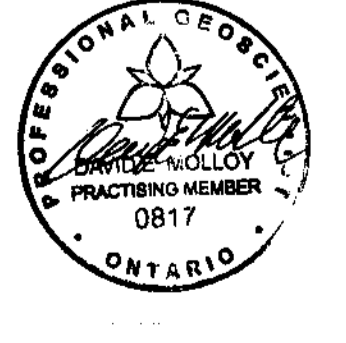
SYMBOLS	
	2006 DCH
	Contact angle
	Contact angle interpreted
	vein
	larger vein
	fracture
	gauge
	creek

ROCK TYPES	
CT/VBX	crystal tuff/volcanic breccia
FELSIC DYKE	felsic dyke

MINERALIZATION	
Components of Multiphase Breccia Vein Systems (MBVS):	
LEAD IN:	mineralized hanging wall to core of MBVS
CORE:	most intensely mineralized component of MBVS
LEAD OUT:	mineralized footwall to core of MBVS
Types of Multiphase Breccia Vein Systems (MBVS):	
OXIDE:	hematite +/- disseminations, veins, semi massive specular hematite
SULF:	locally chalcopyrite +/- disseminations, veins, semi massive pyrite

VEIN TYPES	
bqz	barite-quartz-ankerite
chl mxb	chlorite matrix breccia
chl smxb	chlorite-sulfide matrix breccia
q	quartz
qa	quartz-ankerite
qca	quartz-carbonate-barite
qcbx	quartz-carbonate-barite breccia
qc	quartz-carbonate
qca	quartz-carbonate-ankerite
qc-chl	quartz-carbonate-chlorite
qcs	quartz-carbonate-sulfide
qcmxb	quartz-carbonate matrix breccia
qmxb	quartz matrix breccia
qs	quartz-sulfide
q hem spec	quartz-hematite-specularite
qc hem	quartz-carbonate-hematite
s	sulfide
sqcbx	sulfide-quartz-carbonate-barite breccia

29,035



Geofine Exploration Consultants Ltd.

TODD CREEK PROPERTY - MEXT ZONE

Section 10391N: DDHMZ06-02, Looking 10 Deg.

Date = 4/1/2007

Scale 1:500

FC06-01B

NTFC88-49

FC06-01A

20500E
20198

20600E

20700E

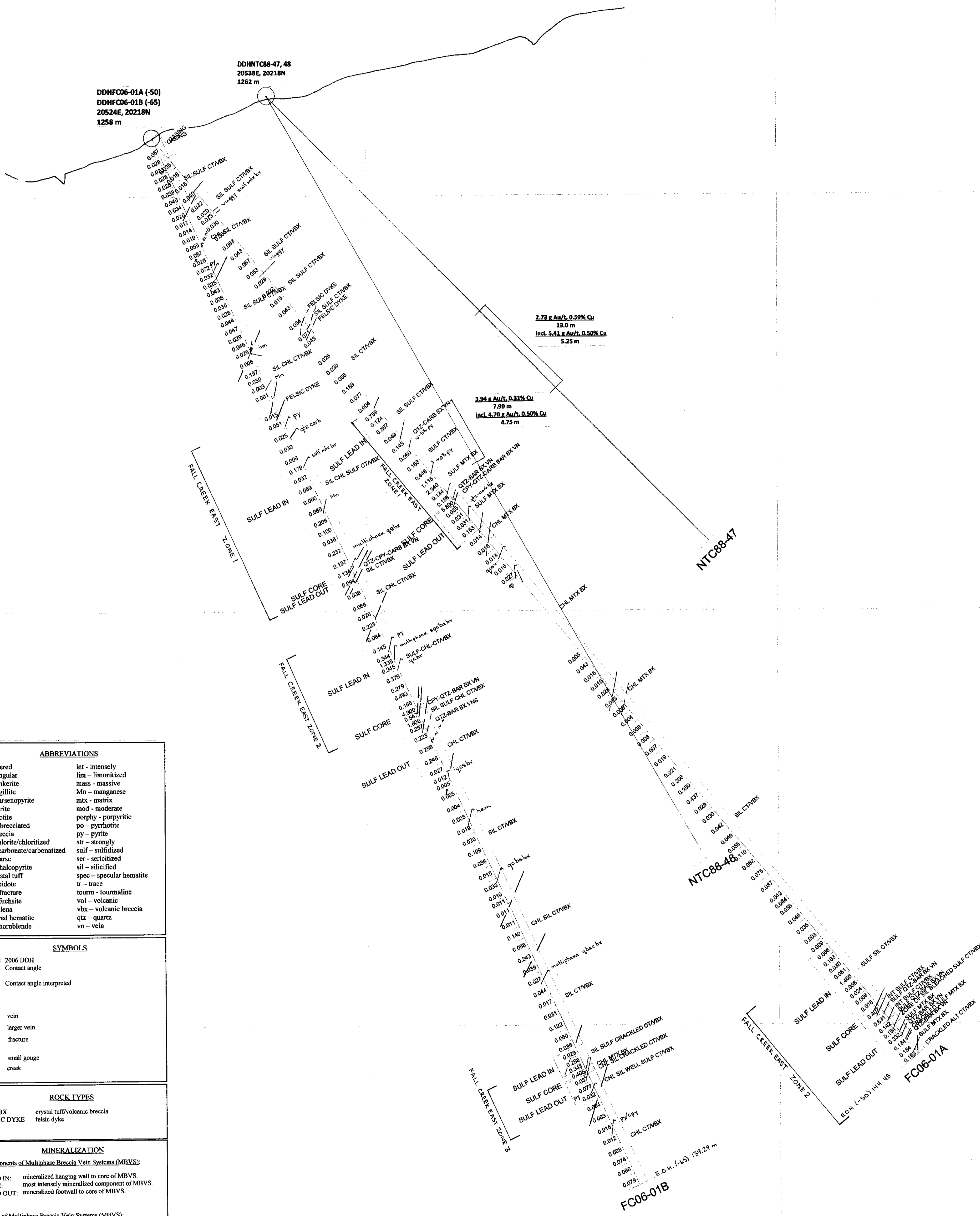
1300m

1250m

1200m

1150m

1100m



ABBREVIATIONS	
alt - altered	int - intensely
ang - angular	lim - limonitized
ank - ankerite	mas - massive
arg - argillite	Mn - manganese
aspy - arsenopyrite	mix - matrix
bar - barite	mod - moderate
bia - biotite	porpy - porphyritic
brecc - brecciated	py - pyritic
bc - breccia	py - pyrochloite
chl - chlorite/chloritized	str - strongly
carb - carbonate/carbonated	sulf - sulfidized
cc - coarse	str - stratified
cpy - chalcopyrite	sil - silicified
ct - crystal tuff	spec - specular hematite
epi - epidote	tr - trace
fract - fracture	tourm - tourmaline
fsch - fuchsite	vol - volcanic
gal - galena	vbx - volcanic breccia
hem - red hematite	qtz - quartz
hhd - hornblende	vs - vein

SYMBOLS	
2006 DDH	Contact angle
∠	Contact angle interpreted
—	vein
—	larger vein
—	fracture
NNN	small gouge
—	creek

ROCK TYPES	
CT/VBX	crystal tuff/volcanic breccia
FELSIC DYKE	felsic dyke

MINERALIZATION	
Components of Multi-phase Breccia Vein Systems (MBVS):	
LEAD IN:	mineralized hanging wall to core of MBVS.
CORE:	most intensely mineralized component of MBVS.
LEAD OUT:	mineralized footwall to core of MBVS.
Types of Multi-phase Breccia Vein Systems (MBVS):	
OXIDE:	hematite +/- disseminations, veins, semi massive specular hematite
SULF:	blobby chalcopyrite +/- disseminations, veins, semi massive pyritic

VEIN TYPES	
bacc	barite-quartz-ankerite
chl mbx	chlorite matrix breccia
chl smbx	chlorite-sulfide matrix breccia
qtz	quartz
qa	quartz-ankerite
sqba	quartz-carbonate-barite
sqbax	quartz-carbonate-barite breccia
qc	quartz-carbonate
qcba	quartz-carbonate-ankerite
qc-chl	quartz-carbonate-chlorite
qca	quartz-carbonate-chlorite breccia
qcbx	quartz-carbonate-barite breccia
qmbx	quartz matrix breccia
qm	quartz-milliferite
q hem spec	quartz-hematite-specularite
qc hem	quartz-carbonate-hematite
s	sulfide
sqbax	sulfide-quartz-carbonate-barite breccia

29,035

LOGICAL SURVEY BRANCH



Geofine Exploration Consultants Ltd.

TODD CREEK PROPERTY - FALL CREEK EAST ZONE

Section 20218E: DDHFC06-01A, 01B, Looking North

Date = 4/1/2007

Scale 1:250

20500E

20600E

20650E

20700E

10087.5

10107.5

ABBREVIATIONS

ak - altered	int - intensely
ang - angular	lin - limonitized
ank - ankerite	mas - massive
arg - argillite	Ms - manganese
azpy - arsenopyrite	mtx - matrix
bar - barite	mod - moderate
bio - biotite	po - pyrrhotite
brecc - brecciated	py - pyrite
br - breccia	str - strongly
chl - chlorite/chloritized	stfr - sulfidized
carb - carbonate/carbonized	ser - sericitized
co - coarse	sil - silicified
cpy - chloropyrite	spec - specular hematite
ct - crystal tuff	tr - trace
epi - epidote	toem - tourmaline
fract - fracture	vol - volcanic
fuch - fuchsite	vbv - volcanic breccia
gal - galena	qtz - quartz
hem - red hematite	vn - vein
hbld - hornblende	

SYMBOLS

2006 DEM

Contact angle

Contact angle intersected

vein

larger vein

fracture

gauge

creek

ROCK TYPES

CTVBX crystal tuff/volcanic breccia

FELSDYKE felsic dyke

MINERALIZATION

Components of Multi-phase Breccia Vein Systems (MBVS):

LEAD IN: mineralized hanging wall to core of MBVS

CORE: most intensely mineralized component of MBVS

LEAD OUT: mineralized footwall to core of MBVS

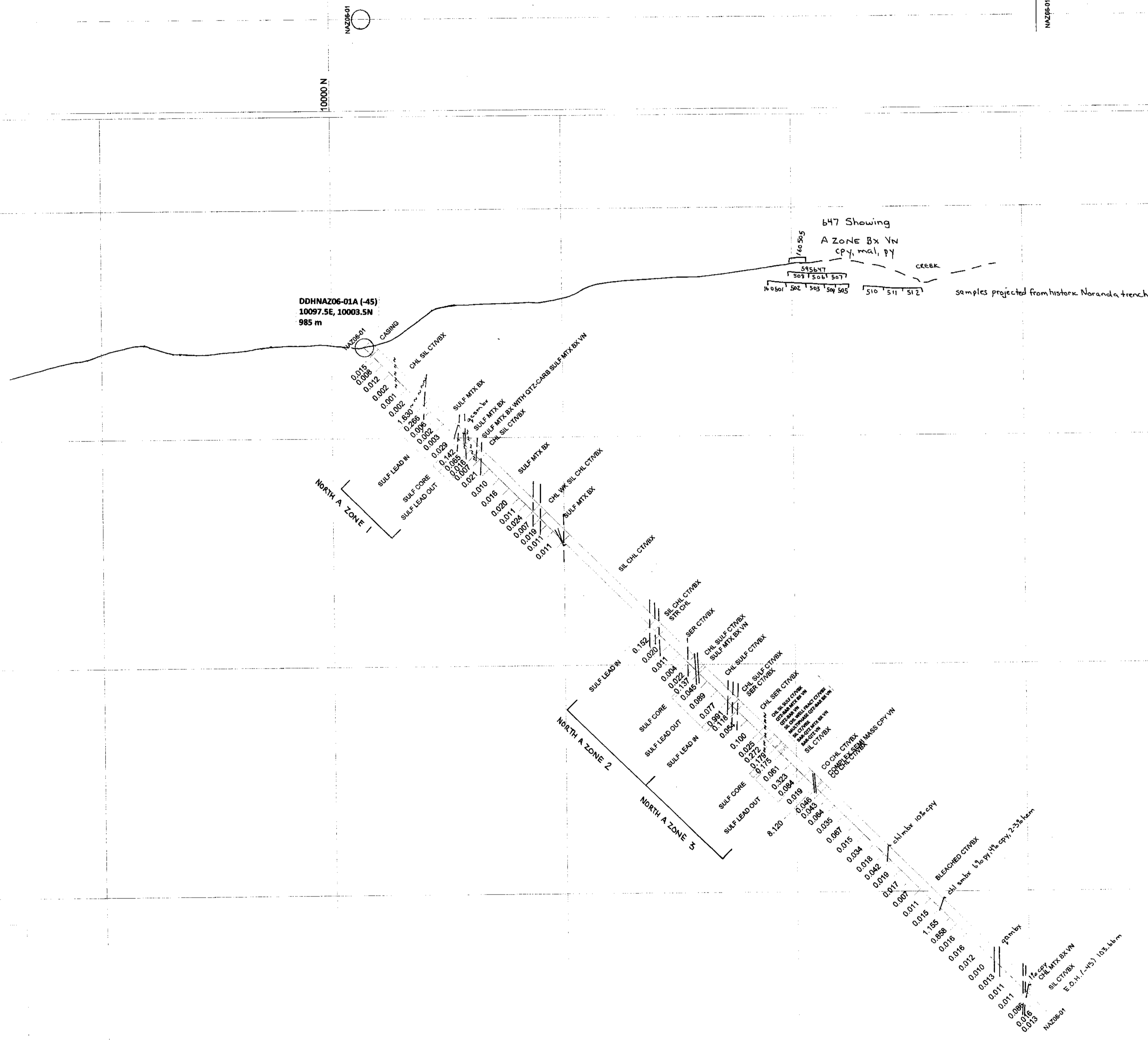
Types of Multi-phase Breccia Vein Systems (MBVS):

OXIDE: hematite +/- disseminations, veins, semi massive specular domains

SULF: locally chloropyrite +/- disseminations, veins, semi massive pyrite

VEIN TYPES

hqa	barite-quartz-ankerite
chl mbx	chlorite matrix breccia
chl smbx	chlorite-sulfide matrix breccia
q	quartz
qa	quartz-ankerite
qcha	quartz-carbonate-barite
qcbhx	quartz-carbonate-barite breccia
qc	quartz-carbonate
qca	quartz-carbonate-ankerite
qch	quartz-carbonate-chlorite
qcs	quartz-carbonate-sulfide
qcmhx	quartz-carbonate matrix breccia
qmhx	quartz matrix breccia
qs	quartz-sulfide
q hem spec	quartz-hematite-specularite
qc hem	quartz-carbonate-hematite
s	sulfide
sqcbhx	sulfide-quartz-carbonate-barite breccia



Geofine Exploration Consultants Ltd.

TODD CREEK PROPERTY- NORTH A ZONE

Section 10097.5E DDHNAZ06-01, Looking 315 Deg.

Date = 4/1/2007

Scale 1:250

GEOLOGICAL SURVEY OF ONTARIO

29,035



9975N

10000N

10025N

10050N

10075N

10100N

10125N

900m

1000m

975m

950m

925m

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

29,035

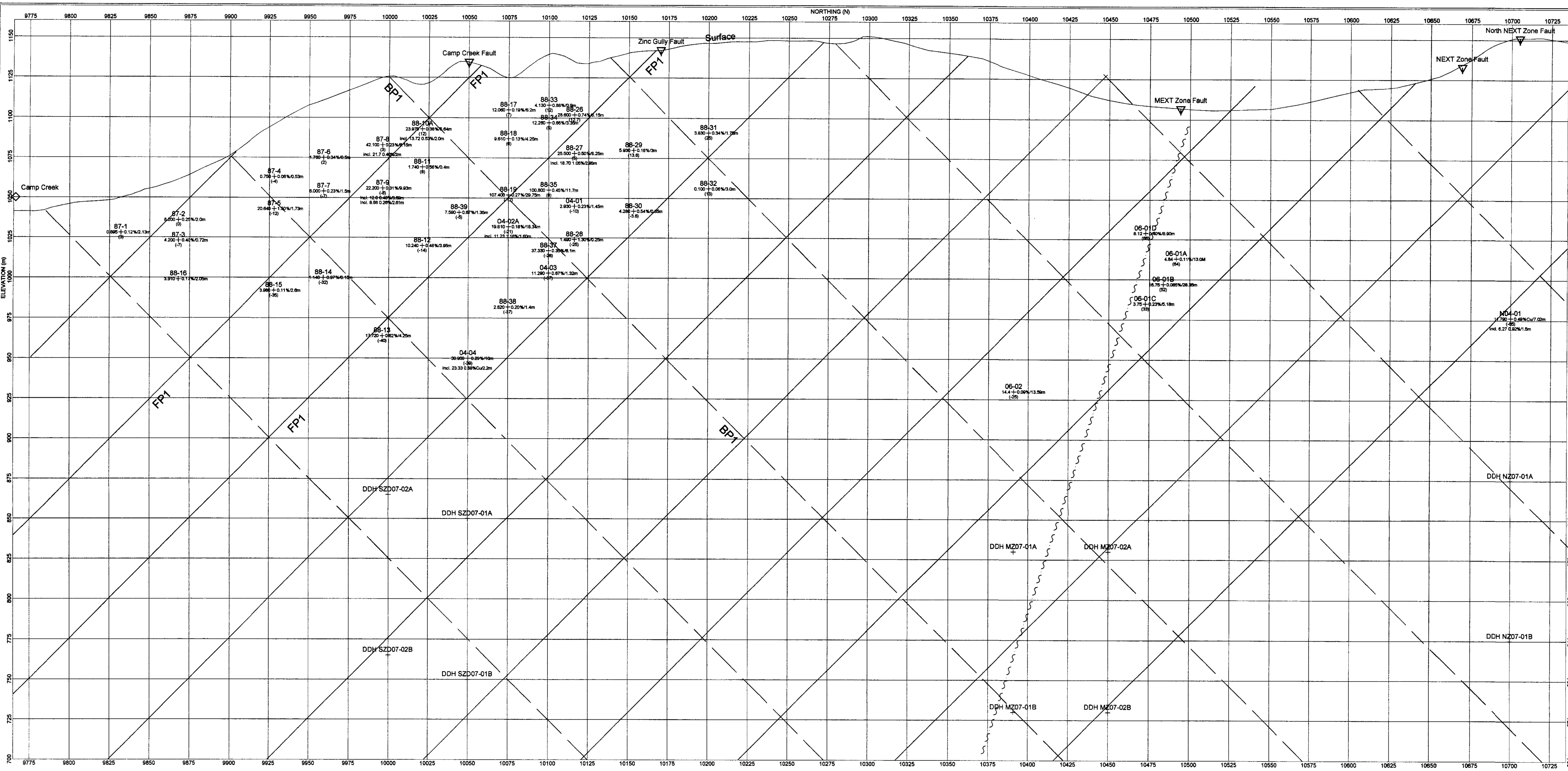
APPENDIX D:

LIST OF VERTICAL LONGITUDINAL SECTIONS:

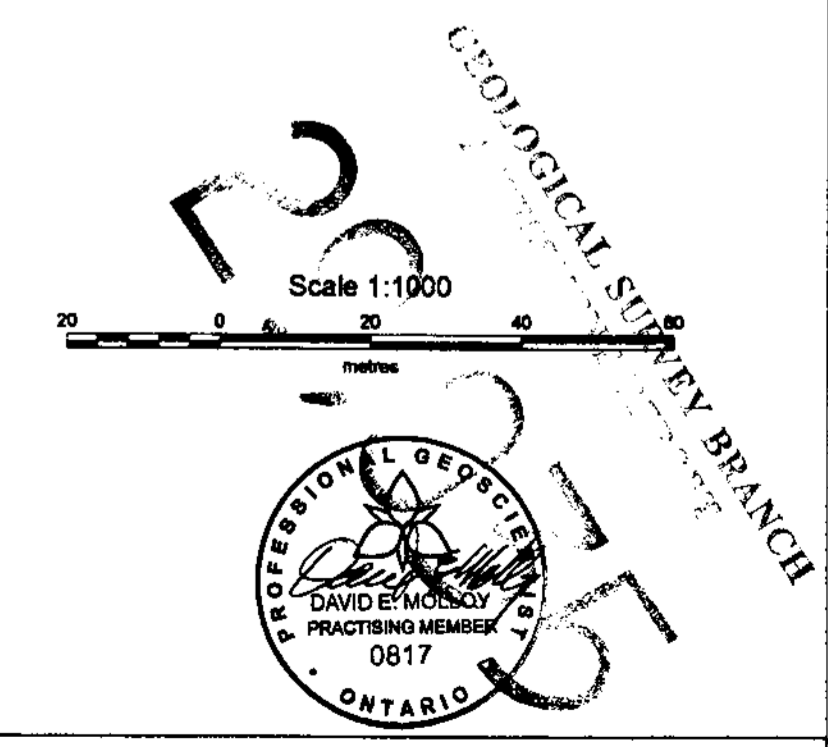
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APPENDIX D, BINDER 1 LOCATION:

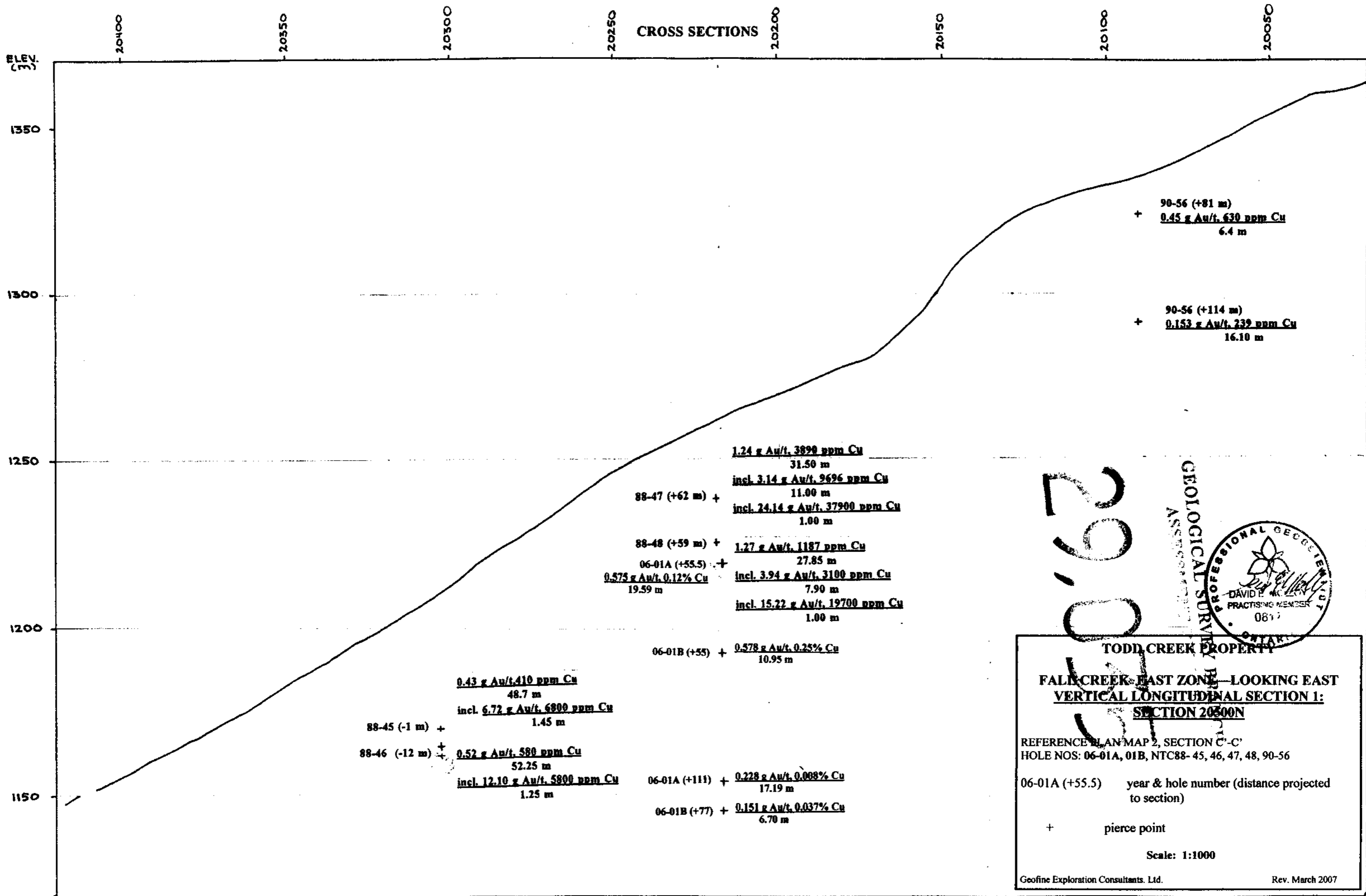
SOUTH ZONE DEPOSIT (TO NEXT ZONE), VLS 1: SECTION 10000E
.....XX, POCKET 1
FALL CREEK EAST ZONE VLS 1: SECTION 20500E.....POCKET 2
NORTH A ZONE VLS 3A: SECTION 10000N:.....POCKET 3
NORTH A ZONE VLS 3: SECTION 10050N:.....POCKET 4



- LEGEND**
- + Projected intercept point
 - 88-30 Diamond drill hole number
 - 4.28 + 0.54%/1m GMP Au + %Cu/ore length
 - (-5) Distance projected to section from west
 - (5) Distance projected to section from east
 - + DDHN07-01 Proposed intercept of 2007 diamond drill hole
 - interpreted main South plunge axis of mineralized shoot
 - interpreted north (back) plunge axis of mineralized shoot



2007 VERTICAL LONGITUDINAL SECTION 1
 Projected to BL 10000E
 Looking 280 degrees
 TODD CREEK ZONE DEPOSIT
 Geofne Explorations Consultants Ltd., March 2007



29,000

GEOLOGICAL SURVEY OF ONTARIO
ASSESSMENT BRANCH

TODD CREEK PROPERTY

FALL CREEK EAST ZONE - LOOKING EAST
VERTICAL LONGITUDINAL SECTION 1:
SECTION 20500N

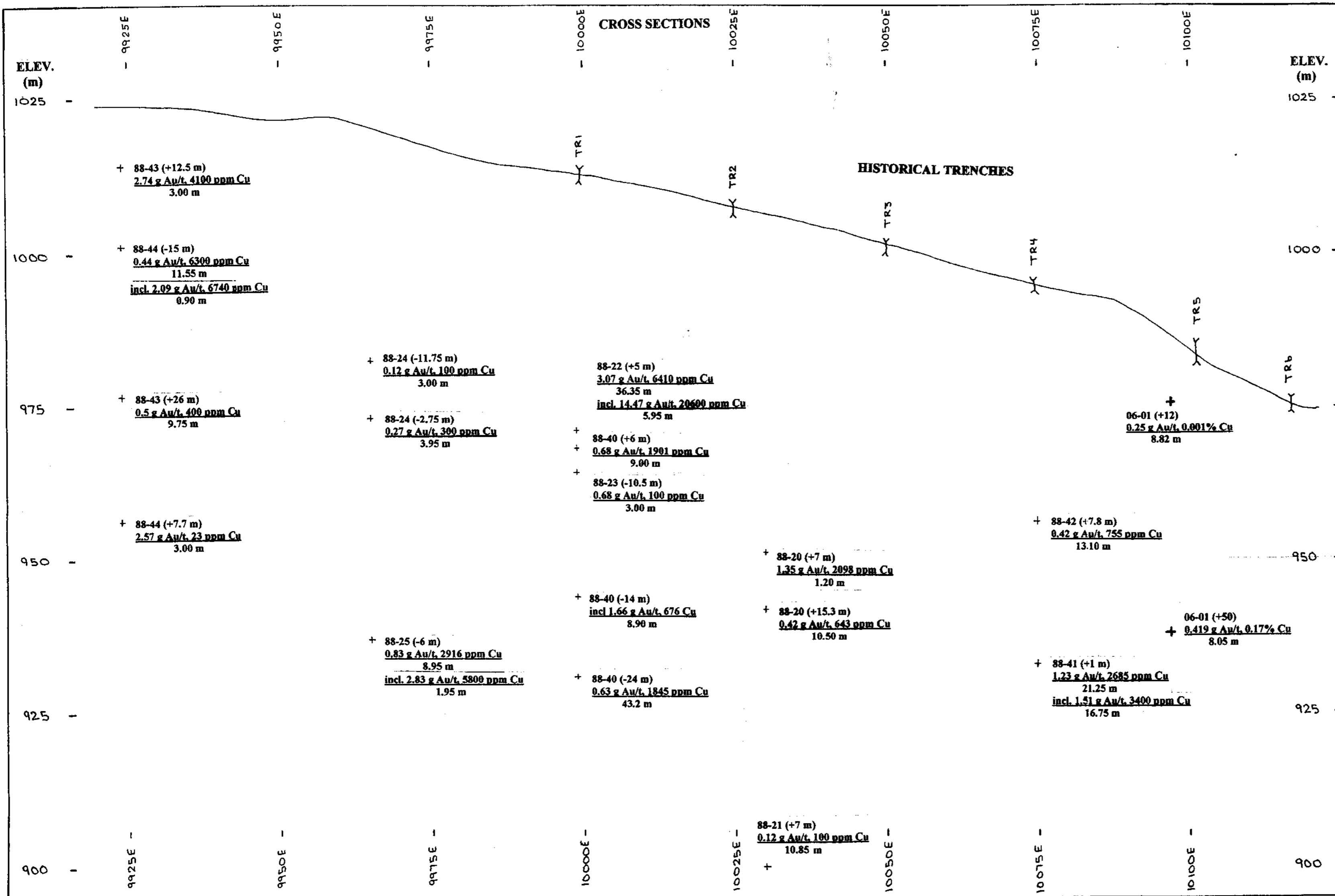
REFERENCE PLAN MAP 2, SECTION C'-C'
HOLE NOS: 06-01A, 01B, NTC88- 45, 46, 47, 48, 90-56

06-01A (+55.5) year & hole number (distance projected to section)

+ pierce point

Scale: 1:1000

Geofine Exploration Consultants Ltd. Rev. March 2007



TODD CREEK PROPERTY

NORTH A ZONE—LOOKING NORTHEAST
VERTICAL LONGITUDINAL SECTION 3:
SECTION 10050N

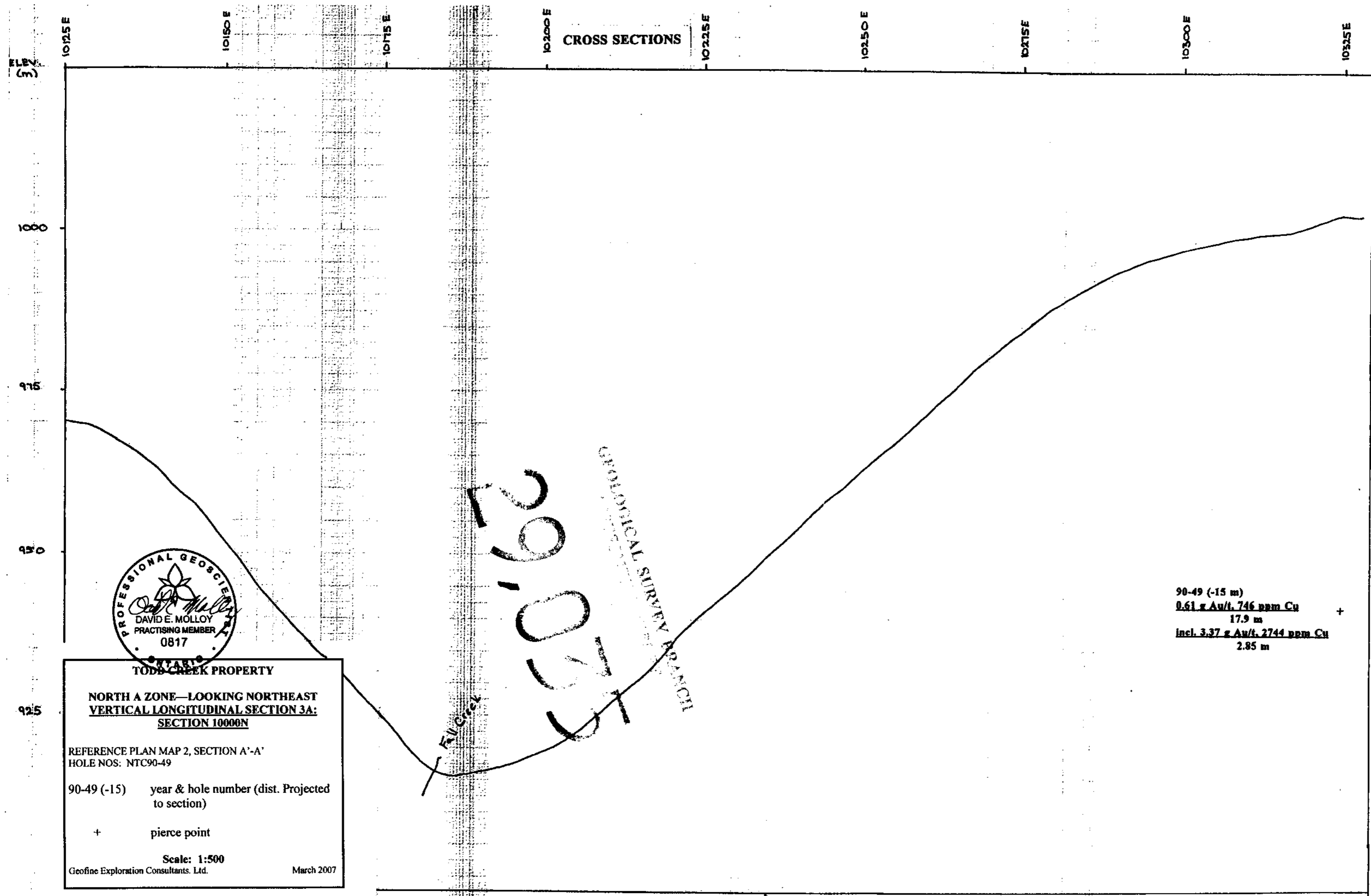
REFERENCE PLAN MAP 2, SECTION B-B
HOLE NOS. NAZ 06-01, NTC 88-20, 21, 22, 23, 24, 25, 40, 41, 42, 43, 44

06-01 (+12) year & hole number (dist. Projected to section)
+ pierce point

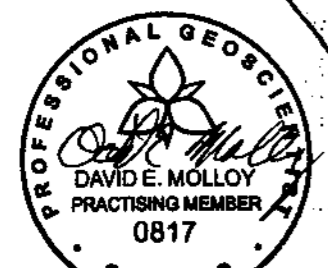
Scale: 1:500

Geofine Exploration Consultants, Ltd. Rev. March 2007

GEOLOGICAL ASSOCIATION OF ONTARIO
PROFESSIONAL GEOSCIENTIST
DAVID E. MOLLOY
PRACTISING MEMBER
0847



CROSS SECTIONS



TODD CREEK PROPERTY

**NORTH A ZONE—LOOKING NORTHEAST
VERTICAL LONGITUDINAL SECTION 3A:
SECTION 10000N**

REFERENCE PLAN MAP 2, SECTION A'-A'
HOLE NOS: NTC90-49

90-49 (-15) year & hole number (dist. Projected
to section)

+ pierce point

Scale: 1:500
Geofine Exploration Consultants. Ltd. March 2007

90-49 (-15 m)
0.61 g Au/t. 746 ppm Cu +
17.9 m
incl. 3.37 g Au/t. 2744 ppm Cu
2.85 m

GEOLOGICAL SURVEY BRANCH

29,075

FV Geol