

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 57.13	Casing <{ob}>					- casing pulled.
57.13 TO 85.80	Porphyritic Inter- mediate Intrusive <8,D,q>	<ul style="list-style-type: none"> - medium to dark grey with white. - massive, porphyritic. - 30%, 1-5mm, subangular, tabular, pale green feldspars. - 2%, 1mm, rounded, glassy, dark grey quartz eyes. - 1%, 1mm, subangular, equant, dark green hornblendes(?). - matrix is medium to dark grey and fine grained. 78.14-78.92 <5g> - black, finely laminated (75°/ca), with 2% bedding parallel disseminated pyrite and carbonate. - 78.92-85.80m - dark grey, porphyritic interval (similar in texture to rest of interval) contains 2% quartz eyes, but only 2%, pale green feldspars and 30%, 1-3mm, angular to subangular, dark grey phenocrysts(?) that locally have white altered cores (altered feldspars?). Matrix is more chloritic. Also contains, 5%, 1mm, medium grey, lath-like mineral. - may be a chill zone or a thin near surface flow? - downhole contact is sharp, weakly irregular and is sub-parallel to bedding in downhole argillite at 60°/ca. 		<ul style="list-style-type: none"> - cut by rare, 1-2 cm wide quartz + carbonate veins. - cut by irregular, fine carbonate veinlets. 	<ul style="list-style-type: none"> - locally up to 0.5%, disseminated, subhedral, 1mm pyrite. - 78.92-85.8m - pyrite appears to be at the cores of euhedral phenocrysts of feldspars with carbonate. Also occurs finely disseminated in the matrix (1%). 	
85.80 TO 103.29	Graphitic Argillite <5,g>	<ul style="list-style-type: none"> - black with light grey. - fine grained to locally weakly granular. - strongly foliated and finely laminated at 60-75°/ca. - beds are laminated on a 1-3mm scale with a clastic component in pale grey beds. They are also up to 1 m thick, homogeneous, fine grained with 0.5%, dark grey shards or up to 2%, very fine, light grey, <1mm shards giving the interval an overall lighter grey colour. - 2-5mm, strongly graphitic beds are intercalated (up to 3% of interval) and are commonly associated with pyrite. - 95.55-96.0m - graphitic fault gouge. 		<ul style="list-style-type: none"> - cross-cut by 1%, thin, white carbonate veins. 	<ul style="list-style-type: none"> - 0.5% pyrite occurs as 0.5mm, elongate blebs. - rare pyrite nodules (0.5-1cm) have vuggy rims that are filled by acicular carbonate. - 0.1%, disseminated pyrite in irregular, bedding-parallel bands. - rare, finely disseminated pyrite in some beds. 	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
103.29 TO 129.48	Pillowed and Brecciated Mafic Volcanic «2,a,m,p»	<ul style="list-style-type: none"> - 96.0-97.1m - pale grey-green mafic tuff(?) with argillaceous component (3%) in hairline subparallel fractures and/or matrix. - 102.35-102.85m - 10%, 2 cm clasts of pale grey mafic volcanic rock in a fine grained, black graphitic matrix with carbonate + pyrite blebs. - downhole contact is sharp and irregular at last argillite bed. - medium green-grey to dark grey. - fine grained, massive. - uphole contact is start of a breccia zone (flow top?) with a quartz-carbonate vein (108.09-108.71m) at downhole contact. - pillows are pale to medium green and medium grey. Rims are darker green and variolitic. Downhole, darker grey pillows are more siliceous. - most of the interval may in large part be pillow breccia as only portions of pillows are well defined. - breccia fragments are 0.5-10 cm, subangular and typically strongly fractured. Moderately packed in a carbonate-rich hyaloclastite matrix with 1% fine disseminated pyrite and lesser pyrrhotite. - selvages are 1-5 cm wide, carbonate-rich, white with 15% medium green, 1-2mm, hyaloclastite shards and trace pyrite and pyrrhotite. - very weakly magnetic. - downhole contact is sharp at 50°/ca. 		<ul style="list-style-type: none"> - pillow cores are moderately carbonate altered along fine, irregular fractures. - pillow rims are weakly chloritic. 	<ul style="list-style-type: none"> - trace pyrite and pyrrhotite in selvages. 	
129.48 TO 135.50	Feldspar Porphyritic Mafic Intrusive «7,P»	<ul style="list-style-type: none"> - medium green with pale green. - massive, porphyritic. - 0.1-2cm, pale green, sub- to euhedral, feldspar phenocrysts and glomerocrysts. Locally weakly aligned at high angles to core axis. - matrix is fine grained, granular and contains pale brown, <1mm flecks of leucoxene(?). - fine grained, chilled margin is 15 cm wide at uphole and downhole contacts. - downhole contact lost in broken core. 		<ul style="list-style-type: none"> - feldspars are locally finely fractured and may be weakly pervasively epidotized. 	<ul style="list-style-type: none"> - none observed. 	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
135.50 TO 137.15	Mafic Intrusive «7,b,<GRD>»	<ul style="list-style-type: none"> - medium green-grey. - massive, medium green, equigranular. - hornblende (?) -bearing granodiorite. - downhole contact is 1 cm quartz vein at 60°/ca. 		<ul style="list-style-type: none"> - none observed. 	<ul style="list-style-type: none"> - none observed. 	
137.15 TO 165.88	Mafic Volcanic Breccia «2,bx»	<ul style="list-style-type: none"> - medium green with pale green and white. - fine grained, brecciated. - as at 103.29-129.48m. - spotty texture that resembles varioles is found scattered or coalesced in clots in the matrix and typically on edges of fragments. Appears to consist of a fine grained mixture of pale green epidote and white to pale pink feldspar with locally lesser carbonate and trace pyrite (+ pyrrhotite?). - matrix is composed of hyaloclastite, carbonate and trace sulphides. - locally fragments of pillows are still observable. - downhole contact sharp at 50°/ca. 		<ul style="list-style-type: none"> - fracture controlled carbonate alteration. - pale green colour is minor epidote(?). - locally fragments are completely pale green epidote + feldspar altered. 	<ul style="list-style-type: none"> - trace to locally 0.5% disseminated pyrite and lesser pyrrhotite in hyaloclastite matrix. 	
165.88 TO 175.00	Feldspar Porphyritic Mafic Intrusive «7,P»	<ul style="list-style-type: none"> - medium green and pale green. - as at 129.48-135.50m. - fine grained chill margin over initial 1 metre with only 1% feldspar phenocrysts. - massive and porphyritic with 10%, 1-6 cm, sub-euhedral feldspars randomly oriented in a fine grained, granular matrix. 		<ul style="list-style-type: none"> - matrix is weakly chloritic. - feldspars have trace, medium green epidote? alteration along cleavage planes. 	<ul style="list-style-type: none"> - trace pyrite disseminated in the matrix. 	

HOLE NUMBER : HAN11 01

ASSAYS SHEET

DATE: 19/04/1996

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Au ppb	Ag ppm	Pb ppm	Co ppm	Cu/Zn	Ni ppm	Est. Ni %	Est. Po %	Est. Py %	Est. Cp %	Est. Sp %	Est. Gn %	ROCK TYPE	Comments
AT03195	0.00	0.00	0.00	11	111	3	0.3	13			7							KRAP	standard
AT03183	77.00	78.14	1.14	30	307	<2	0.1	7			20							8, P	
AT03184	78.14	78.92	0.78	244	660	<2	0.7	30			127							5, g	3% py
AT03185	78.92	80.00	1.08	17	177	<2	0.1	5			17							8, P	
AT03186	83.05	84.50	1.45	15	63	<2	0.1	4			16							8, P	
AT03187	84.50	85.80	1.30	27	67	<2	0.1	3			19							8, P	
AT03188	85.80	87.00	1.20	113	391	<2	0.2	6			47							5, g	1% py
AT03189	87.00	87.60	0.60	41	154	10	0.1	4			27							5, g	1% py
AT03190	87.60	89.00	1.40	53	233	3	0.2	3			30							5, g	1% py
AT03191	89.00	90.50	1.50	46	210	<2	0.1	1			22							aa	
AT03192	90.50	92.00	1.50	85	423	<2	0.6	9			38							aa	
AT03193	92.00	93.50	1.50	192	826	<2	0.5	31			74							aa	
AT03194	93.50	95.00	1.50	109	400	<2	0.2	12			43							5, g	aa
AT03196	95.00	96.10	1.10	159	734	<2	0.6	33			86							aa	
AT03197	96.10	97.45	1.35	58	308	<2	0.1	1			210							5, g	1% py
AT03198	97.45	98.95	1.50	47	232	<2	0.1	1			47							5, g	1% py
AT03199	98.95	100.23	1.28	65	235	<2	0.1	2			36							5, g	1% py
AT03200	100.23	101.79	1.56	59	316	<2	0.2	13			32							aa	
AT03951	101.79	103.29	1.50	139	1010	<2	0.4	19			43							aa	0.5% py
AT03952	103.29	104.00	0.71	91	164	3	0.1	1			58							5, g	
AT03953	104.00	105.51	1.51	109	95	7	0.1	1			66							2, bx	
AT03954	105.51	107.00	1.49	112	91	<2	0.1	1			63							2, bx	
AT03955	117.50	119.00	1.50	93	69	<2	0.1	1			55							2, bx	
AT03956	119.00	120.50	1.50	127	74	<2	0.1	1			51							2, bx, p	
AT03957	120.50	122.00	1.50	103	77	<2	0.1	1			49							2, bx, p	1% py
AT03958	122.00	123.50	1.50	104	76	<2	0.1	1			53							aa	
																		2, bx	cut off

HOLE NUMBER: HAN11-01

ASSAYS SHEET

PAGE: 4

HOLE NUMBER : HAN11-01

GEOCHEMICAL ASSAY

DATE: 19/04/1996

Sample	From (M)	To (M)	leng. (M)	SiO2 %	Al2O3 %	CaO %	MgO %	Na2O %	K2O %	Fe2O3 %	TiO2 %	P2O5 %	MnO %	CR2O3 %	LOI %	SUM %	Y PPM	ZR PPM	BA PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
AT02383	0.00	0.00	0.00	75.01	11.09	0.50	0.52	1.09	7.42	2.45	0.25	0.06	0.03	<0.00	0.79	99.21	122	294		10	130	10		KRAP	9hz	123
AT02381	59.00	62.00	3.00	67.43	15.01	3.34	1.45	5.50	1.18	3.29	0.34	0.20	0.06	0.05	2.87	100.72	8	100		15	60	15		9,D,q	9jA	150
AT02382	80.00	83.00	3.00	63.95	15.56	3.50	1.39	5.30	1.34	3.33	0.32	0.20	0.06	0.10	3.57	98.62	6	46		15	60	15		9,D,q	9jA	153
AT02384	92.00	95.00	3.00	61.24	14.41	3.12	1.37	3.10	1.94	4.62	0.46	0.20	0.12	0.02	7.36	97.96	18	124		60	610	25		5,g	5	177
AT02385	104.00	107.00	3.00	45.62	13.05	13.56	4.32	1.59	0.22	10.75	0.90	0.10	0.29	0.05	10.23	100.68	20	44		80	90	70		2,bx	2hw!	85
AT02386	116.00	119.00	3.00	46.33	12.99	11.69	5.51	2.18	0.08	12.83	0.90	0.10	0.30	0.05	7.42	100.38	20	32		80	100	70		2,p,bx	2hv	93
AT02387	135.00	135.50	0.50	49.75	12.25	10.11	8.55	2.96	0.38	12.09	1.08	0.20	0.19	0.17	1.83	99.56	16	92		130	85	290		7,P chill	7(j)u	91
AT02388	135.50	137.00	1.50	47.51	9.83	9.84	16.45	0.91	0.32	9.27	0.57	0.28	0.20	0.17	5.58	100.93	10	142		25	90	595		7,b	6H	89
AT02389	155.00	158.00	3.00	52.12	15.61	12.85	4.14	2.47	0.10	8.74	0.90	0.12	0.17	0.15	3.55	100.92	16	36		110	60	150		2,bx, sil?	3h	101

HOLE NUMBER: HAN11-01

GEOCHEMICAL ASSAY

HOLE NUMBER : HAN11-01

GEOCHEMICAL ASSAYS

DATE: 19/04/1996

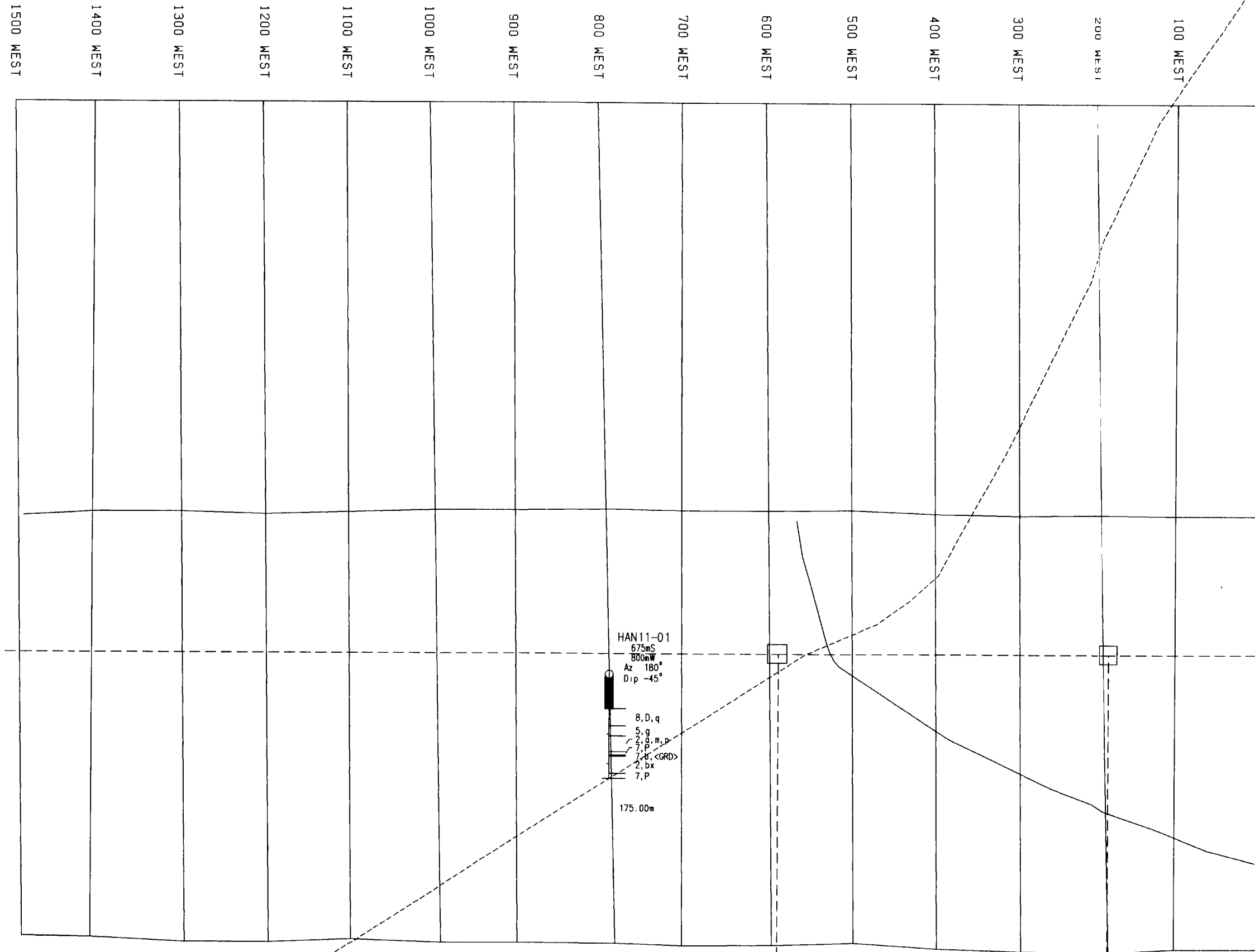
Sample	From (M)	To (M)	Leng. (M)	RB PPM	SR PPM	CO2 %	AG PPM	AU PPB	CO PPM	PB PPM	S PPM	V PPM	AS PPM	SN PPM	CD PPM	SB PPM	BI PPM	SE PPM	HF PPM	TA PPM	W PPM	MO PPM	TH PPM	U PPM	B PPM	CS PPM	LA PPM	CF PPM	ND PPM	
AT02383	0.00	0.00	0.00						<5		100	25																		
AT02381	59.00	62.00	3.00						10		200	40																		
AT02382	80.00	83.00	3.00						15		2800	40																		
AT02384	92.00	95.00	3.00						15		24500	70																		
AT02385	104.00	107.00	3.00						40		100	270																		
AT02386	116.00	119.00	3.00						40		<100	270																		
AT02387	135.00	135.50	0.50						60		300	190																		
AT02388	135.50	137.00	1.50						55		<100	95																		
AT02389	155.00	158.00	3.00						55		1700	290																		

HOLE NUMBER: HAN11-01

GEOCHEMICAL ASSAYS

1201960 (16 UNITS)

1201959 (10 Units)



1201958 (9 Units)

1200958 (3 Units)

1200942 (15 Units)

REAUME Twp.
HANNA Twp.

ASTRONOMIC



SHEET ORIENTED UTM NORTH
AZIMUTH 000° 11'

FALCONBRIDGE LIMITED

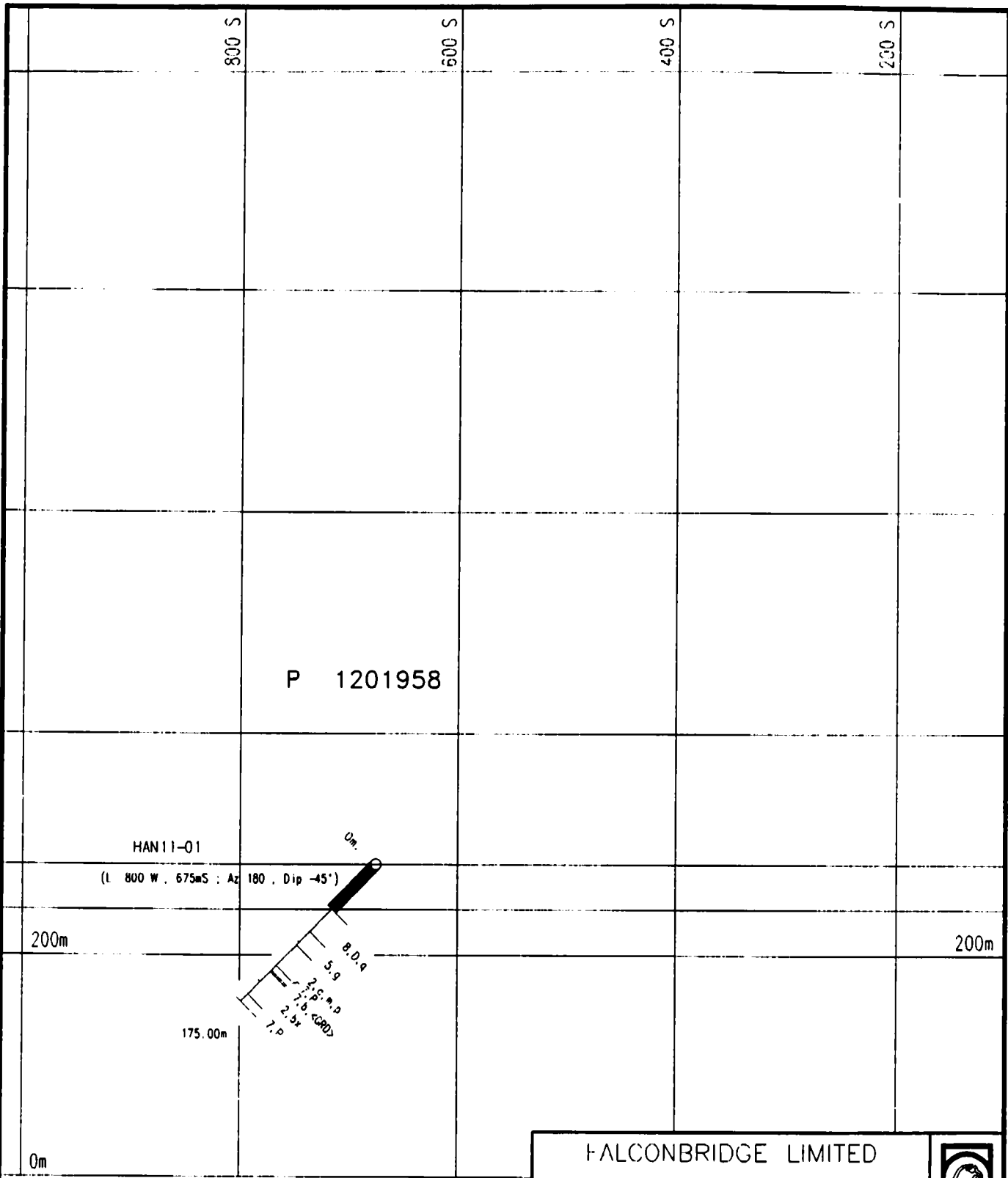
Exploration Division Timmins ONTARIO



MANN BELT PROJECT
GRID HAN96-03
HANNA TOWNSHIP

DIAMOND DRILL PLAN

TRACED	EKSIS	DATE 05/96	NTS 42-A/15	PROJECT 8269
DRAWN	P. Gauthier	DATE 03/96	MAP No	FILE HAN9603-
SUPERVISED	P. J. Nogert	DATE 20/03/96	SCALE 1:5 000 (metres)	
REVISED	d e l	DATE 17/04/96	0 40 80 120 160	



LEGEND

[10] DIABASE	[4] FELSIC VOLCANIC ROCKS
[9] FELSIC INTRUSIVE ROCKS	[3] INTERMEDIATE VOLCANIC ROCKS
[8] INTERMEDIATE INTRUSIVE ROCKS	[2] MAFIC VOLCANIC ROCKS
[7] MAFIC INTRUSIVE ROCKS	[1] ULTRAMAFIC VOLCANIC ROCKS
[6] ULTRAMAFIC INTRUSIVE ROCKS	
[5] SEDIMENTARY ROCKS	

100m grid line separation
 - 1:25000
 - Regional MEEM
 - AEM 11-12 Ch. Lund 9 Siemens, ch G 1000 ppm

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

MANN BELT PROJECT

DIAMOND DRILL SECTION 800 W

DDH HAN11-01

GRID HAN96-03

Az 180° HANNA Twp.

TRACED	PRODES	DATE 24/01/96	NTS 42-A/14 & 15	PROJECT R769
DRAWN d e t	DATE 24/01/96	MAP No:	FILE 8269 DN	
SUPERVISED P J Nagerl	DATE 22/04/96	SCALE 1:5 000 (metres)	0 40 80 120 160	
REVISED	DATE			

LEGEND

Geology

MAJOR ROCK DIVISIONS

- 15 TO BE ANNOUNCED
- 14 HURONIAN SUPERGROUP
- 13 METAMORPHIC (Unknown)
- 12 GNEISS
- 11 SCHIST
- 10 DIABASE
- 9 FELSIC INTRUSIVE ROCKS
- 8 INTERMEDIATE INTRUSIVE ROCKS
- 7 MAFIC INTRUSIVE ROCKS
- 6 ULTRAMAFIC INTRUSIVE ROCKS
- 5 SEDIMENTARY ROCKS
 - 5,s SULPHIDE (>40%)
- 4 FELSIC VOLCANIC ROCKS
- 3 INTERMEDIATE VOLCANIC ROCKS
 - 3,C HETEROLITHIC VOLCANIC ROCKS
- 2 MAFIC VOLCANIC ROCKS
- 1 ULTRAMAFIC VOLCANIC ROCKS

TEXTURAL/GEOCHEMICAL MODIFIERS

- | | | | |
|----|-------------------------|---|-----------------------|
| a | Fine Grained | A | Primitive (Y<20) |
| b | Medium Grained | B | Evolved (Y>20<60) |
| bx | Breccia | C | Heterolithic |
| c | Coarse Grained | D | Feldspar Phyrlic |
| d | Quartz-Feldspar Phyrlic | E | Chert |
| e | Amygdaloidal/Vesicular | F | Wacke |
| f | Primary Fragmentals | G | Leucoxene Bearing |
| g | Graphitic/Argillaceous | H | Basaltic Komatiite |
| h | Tholeiitic | I | |
| i | Alkalic | J | Pyroxenite |
| j | Calc-Alkalic | K | Net Textured |
| k | Komatiitic | L | Peridotite |
| l | Flows | M | Dunite |
| m | Massive | N | Ophitic |
| n | Variolitic/Spherulitic | P | Porphyritic |
| p | Pillowed | Q | |
| q | Quartz Phyrlic | R | Polysutured |
| r | Oxide Iron Formation | S | Fractured |
| s | Sulphides, Exhalites | T | Gabbroic Textured |
| t | Pyroclastic | U | Pyroxene Spinifex |
| u | High Mg | V | Olivine Spinifex |
| v | High Fe | W | Skeletal/Crescumulate |
| w | High Al | X | Adcumulate |
| x | Andesite | Y | Mesocumulate |
| y | Icelandite | Z | Orthocumulate |
| z | Highly Evolved (Y>60) | | |

ALTERATION MODIFIERS

- | | |
|-------|----------------------|
| <Ab> | Albitization |
| <Bl> | Bleached |
| <C>> | Carbonaceous |
| <Cb> | Carbonatization |
| <Ch> | Chloritization |
| <Ep> | Epidotization |
| <FCb> | Iron Carbonatization |
| <He> | Hematization |
| <K>> | Potassic Alteration |
| <Rs> | Rust Stained |
| <Se> | Sericitization |
| <Si> | Silicification |
| <Sr> | Serpentinization |
| <Tc> | Talc-Carbonatized |
| <Tk> | Talc |

TEXTURAL/STRUCTURAL MODIFIERS

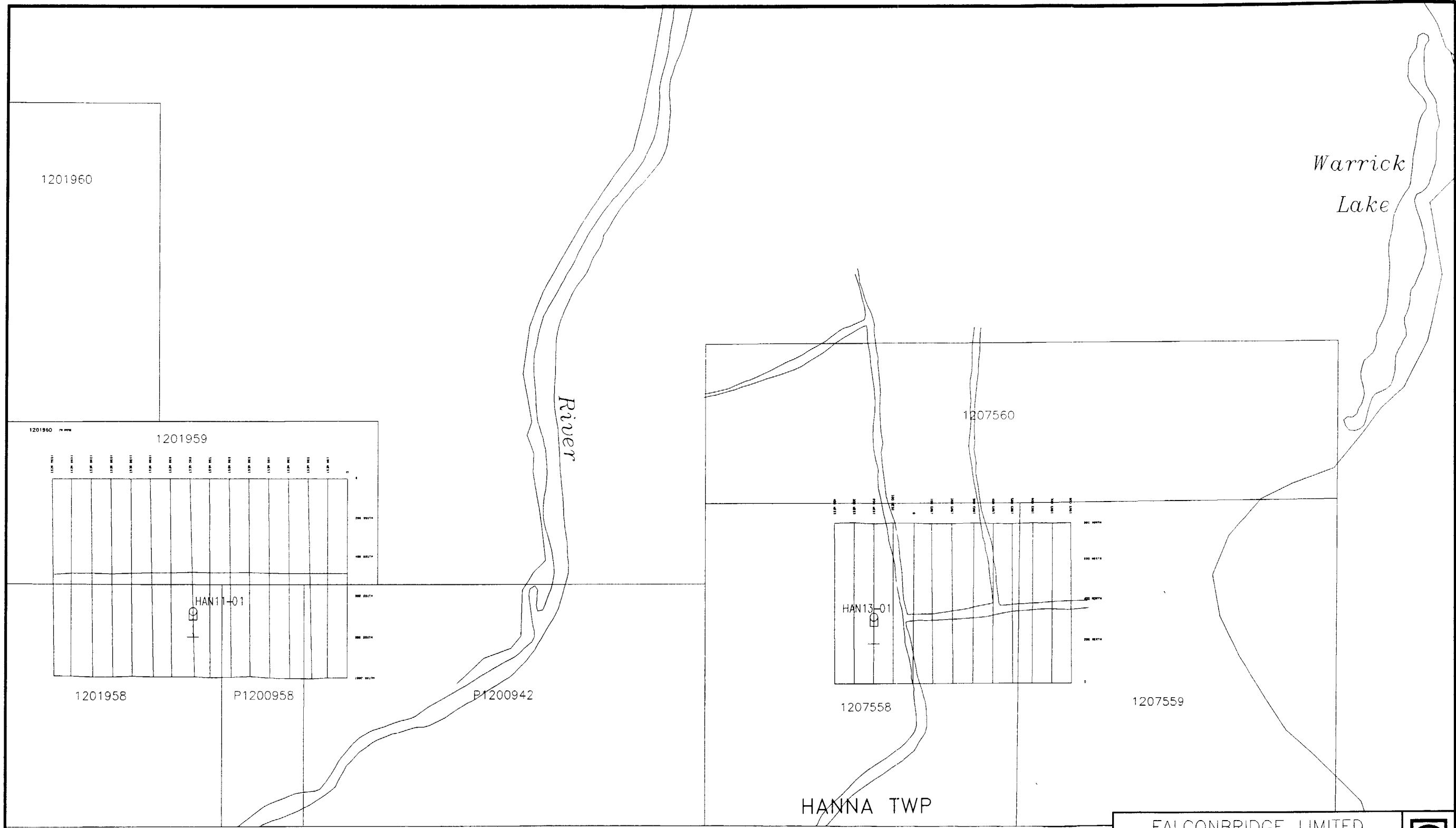
- | | |
|----|-----------------------------|
| *a | Tuff(67%<2mm) |
| *b | Lapilli(2-64mm) |
| *c | Lapillistone(76%<264mm) |
| *d | Block(>64mm) |
| *e | Autoclastic |
| *f | Thickly Laminated |
| *g | Thinly Laminated |
| *h | Clast Supported |
| *i | Matrix Supported |
| *j | Granule(grit 2-4mm) |
| *k | Pebble(4-64mm) |
| *l | Cobble(64-256mm) |
| *m | Boulder(>256mm) |
| *n | Graded Bedding |
| *o | Cross Bedding |
| *p | Fault Gouge |
| *q | Augen |
| *r | Porphyroblastic |
| *s | Hornfels |
| *t | foliated/sheared |
| *u | folded |
| *v | boudinage |
| *w | fragmental(felsic>mafic) |
| *x | fragmental(mafic>felsic) |
| *y | Crystal Tuff(>50% of frags) |
| *z | Lithic Tuff(>50% of frags) |

ROCK TYPE

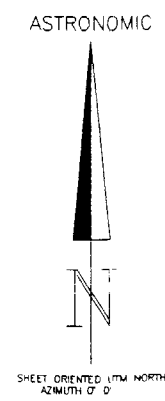
- | | | | |
|-------|----------------------|-------|--------------------|
| <QFP> | Quartzofeldspathic | <ANT> | Anorthosite |
| <QTZ> | Quartzite | <DIO> | Diorite |
| <MAR> | Marble | <PER> | Peridotite |
| <SKA> | Skarn(Calc-Silicate) | <SER> | Serpentinite |
| <PHY> | Phyllite | <DUN> | Dunite |
| <TON> | Tonalite | <PRX> | Pyroxenite |
| <SYN> | Syenite | <LMP> | Lamprophyre |
| <GRA> | Granite | <SST> | Sandstone |
| <MON> | Monzonite | <ARK> | Arkasic sandstone |
| <GRD> | Granodiorite | <WCK> | Graywacke |
| <APL> | Aplite | <CGL> | Conglomerate |
| <FEL> | Felsite | <STL> | Siltstone |
| <QDI> | Quartz Diorite | <ARG> | Mudstone-argillite |
| <GAB> | Gabbro | <EXH> | Chert/exhalite |
| <NOR> | Norite | <OIF> | Silicate IF |

MINERALOGICAL NAMES

- | | | | | | |
|-----|-----------------|-----|-----------------|-------|---------------------|
| Ak | Actinolite | Gn | Galena | Po | Pyrrhotite |
| Alb | Albite | Gt | Garnet | Qt | Quartz |
| Al | Almandine | VG | Gold | Ro | Rhodochrosite |
| Am | Amphibolite | Gf | Graphite | Ru | Rutile |
| Ah | Anhydrite | GS | Gravel & Sand | Sur | Serpentine |
| Ad | Andalusite | Gyp | Gypsum | Sc | Sericite |
| Ay | Anthophyllite | Hem | Hematite | Sh | Scheelite |
| Ap | Apatite | Hb | Hornblende | Sid | Siderite |
| Ar | Argentite | Hy | Hypersthene | Sil | Silica |
| Asp | Arsenopyrite | Il | Ilmenite | Sim | Silliminite |
| Asb | Asbestos | I-F | Iron Formation | Sps | Spessarite |
| Aug | Augite | Jr | Jarosite | Sph | Sphalerite |
| Az | Azurite | Ky | Kyanite | Ti | Sphene (Titanite) |
| Ba | Barite | Ls | Limestone | Ag | Silver |
| Bi | Bismuthite | Lm | Limonite | Sp | Spinel |
| Bi | Biotite | Mag | Magnetite | Spd | Spodumene |
| Bo | Bornite | Mc | Malachite | St | Staurolite |
| Ca | Calcite | Ma | Marcasite | Sb | Stibnite |
| Cn | Chalcedony | Mi | Mica | Sul | Sulphides |
| Cc | Chalcocite | Mk | Microcline | S-M | Mass. Sulphides |
| Cp | Chalcopyrite | Ml | Millerite | S-D | Diss. Sulphides |
| Chl | Chlorite | Mo | Molybdenite | Tk | Talc |
| Ch> | Chloritoid | Mu | Muscovite | Te | Telluride |
| Cr | Chromite | Ne | Nepheline | Tt | Tetrahedrite |
| Cpx | Clinopyroxene | Nc | Niccolite | To-CI | Tantalite-Columbite |
| Co | Cobalt Minerals | Ni | Nickel Minerals | Tl | Tourmaline |
| Cv | Covellite | Ov | Olivine | Tr | Tremolite |
| Ct | Cordierite | Or | Orthoclase | Wo | Wollastonite |
| Dp | Diopside | OpX | Orthopyroxene | Zr | Zircon |
| Dol | Dolomite | Pl | Phlogopite | | |
| Epi | Epidote | Pg | Plagioclase | | |
| Fel | Feldspar | Pn | Pentlandite | | |
| Fl | Fluorite | Py | Pyrite | | |
| Fc | Fuchsite | Px | Pyroxene | | |
-
- | | | | |
|-------|---------------|-------|--------------------------|
| <OIF> | Oxide IF | <UNK> | Unknown Protolith |
| <SIF> | Sulphide IF | <UMF> | Ultramafic |
| <CIF> | Carbonate IF | <MAF> | Mafic |
| <SHA> | Shale | <AND> | Andesite |
| <LST> | Limestone | <DAC> | Dacite |
| <CHM> | Chem. Precip. | <RYD> | Rhyodacite |
| <SLA> | Slate | <RHY> | Rhyolite |
| <KIM> | Kimberlite | <SCL> | Sulphide Clasts |
| <CAR> | Carbonate | <RWV> | Reworked Volcanic Debris |
| <AMP> | Amphibolite | | |
| <MIG> | Migmatite | | |
| <PEG> | Pegmatite | | |
| <LEU> | Leucocratic | | |
| <MEL> | Melanocratic | | |



HANNA TWP
MANN TWP



FALCONBRIDGE LIMITED		
Exploration Division	Timmins ONTARIO	
MANN BELT PROJECTS HANNA TOWNSHIP		
GRID SKETCH COMPILATION MAP		
TRACED: PRODES,TS	DATE: 29/03/96	NTS: 42-A/14.15 PROJECT: 8269
DRAWN: d e l	DATE: 24/04/96	MAP No. FILE: 8269 BQ
SUPERVISED: P J Nagerl	DATE: 22/04/96	SCALE 1:20000 (metres)
REVISED: P J Nagerl	DATE: 20/03/96	0 100 200 300 400



Norex Drilling Limited

P.O. Box 88 - Porcupine, Ontario P0N 1C0

Telephone (705) 235-2222
Fax (705) 235-2806

April 3, 1996

Invoice #F96401

FALCONBRIDGE LIMITED
P.O. BOX 1140
TIMMINS, ONTARIO
P4N 7H9

EAST ONTARIO - MARCH 16-24/96

HOLE #DUFF 46-01, Casing 78m

18m NW Casing x \$47.00	- on time - short after have several days in No. implementation	846.00
1 NW Casing Shoe x \$204.00		204.00

HOLE #HAN 11-01, Casing 57m

15 x \$44.00	660.00
15 x \$52.00	780.00
15 x \$61.00	915.00
12 x \$70.00	840.00
57 to 150 = 93 x \$44.00	4,092.00
150 to 175 = 25 x \$45.75	1,143.75
Pull Casing: 2 hrs x \$75.00	150.00

22 BQ Core Trays x \$5.25 115.50

Demob Charge 1,000.00

Sub total:
GST #R103904504

(10,746.25)	9696.25
752.24)	678.74

INVOICE TOTAL:

(11,498.49) 10,374.99

THANK YOU

C. P. [Signature]
April 10/96
P.N. 8269
\$10,374.99



Norex Drilling Limited

P.O. Box 88 - Porcupine, Ontario P0N 1C0

Telephone (705) 235-2222
Fax (705) 235-2806

April 3, 1996

Invoice #F96404

FALCONBRIDGE LIMITED
P.O. BOX 1140
TIMMINS, ONTARIO
P4N 7H9

EAST ONTARIO

WATER HAULING CHARGE

C & H Pumping Invoice # 49
(copy enclosed)

1,350.00

GST #R103904504

94.50

INVOICE TOTAL:

\$ 1,444.50

*Correct
April 10/96
8269*

THANK YOU

EST. ONTARIO

FALCONBRIDGE LIMITED P.O. BOX 1140 TIMMINS, ONTARIO P4N 7H9		C & H Pumping Invoice # 49 (copy enclosed)	
GST #R103904504		1,350.00	
INVOICE TOTAL:		\$ 1,444.50	
THANK YOU			

DUPLICATE

OASIS PARK MOTEL

Hwy. 11, Tunis,
P.O. Box 640,
Iroquois Falls, Ont.
POK 1G0

Falconbridge Ltd.,
P.O. Box 1140,
571 Moneta Ve.,
Timmins, Ont. P4N 7H9

Invoice: Rent - for 2Rooms & Lobby
 For: March/96
 2 x \$800.00.....\$1600.00
 GST 112.00
 1712.00

Thanking you, I remain,

Sincerely,

OASIS PARK MOTEL


Phil Tessier, Owner

C. P. ...
April 1/96
R.N. 8269

GST REC.# 897229548 RT



Report of Work Conducted After Recording Claim

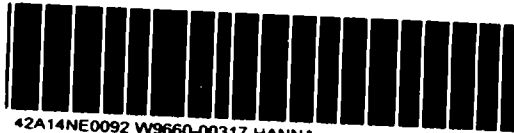
Mining Act

Transaction Number

W9660.00317

DDH HAN11-01

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used for correspondence. Questions about this collection should be directed to the Provincial Manager, Mining, Sudbury, Ontario, P3E 8A5, telephone (705) 670-7284.



42A14NE0092 W9660-00317 HANNA

900

mining

- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

Recorded Holder(s) FALCONBRIDGE LIMITED		Client No. 130679
Address 571 Moneta Ave. P.O. Box 1140 Timmins, Ont. P4N 7H9		Telephone No. (705) 267-1188
Mining Division Porcupine	Township/Area HANNA	M or G Plan No.
Dates Work Performed	From: March 20, 1996	To: March 23, 1996

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Diamond drill hole(s) HAN11-01 (175m)
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	

RECORDED

APR 25 1996

Receipt _____

Total Assessment Work Claimed on the Attached Statement of Costs \$ 12898

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
Norex Drilling Ltd.	Hwy 101 East Porcupine Ont. (705) 235-2222

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date April 19/96	Recorded Holder or Agent (Signature) <i>C. Petz</i>
--	----------------------------	--

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying 571 Moneta Ave. P.O. Box 1140 Timmins Ont. P4N 7H9		
CHRISTINE PETZ		
Telephone No. (705) 267-1188	Date April 19/96	Certified By (Signature) <i>C. Petz</i>

For Office Use Only

Total Value Cr. Recorded 12898	Date Recorded	Mining Recorder	Received Stamp APR 25 1996 TB 1100 PORCUPINE MIA DIVISION
	Deemed Approval Date July 24/96	Date Approved July 24/96	
	Date Notice for Amendments Sent		

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4^e étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

1. Direct Costs/Coûts directs

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	600	
	Field Supervision Supervision sur le terrain	300	900
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Drilling		Invoice # F96401
	HAN11-01	10374	F96404
		1444	11818
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type Truck	50	
	Snowmobile		
			50
Total Direct Costs Total des coûts directs			12768

2. Indirect Costs/Coûts indirects

Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Gasoline	30	
			30
Food and Lodging Nourriture et hébergement	Oasis Rest.		
	Oasis Motel	100	100
Mobilization and Demobilization Mobilisation et démoblisation			
Sub Total of indirect Costs Total partiel des coûts indirects			130
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			12768
Total Value of Assessment Credit (Total of Direct and Allowable indirect costs) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)			12898

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

Filing Discounts

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit	Total Assessment Claimed
	x 0.50 =

Remises pour dépôt

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation	Évaluation totale demandée
	x 0,50 =

Certification Verifying Statement of Costs

I hereby certify that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as C. PETCH I am authorized (Recorded Holder, Agent, Position in Company)

to make this certification

Attestation de l'état des coûts

J'atteste par la présente que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de _____ je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

RECORDED
APR 25 1996
Receipt

Signature C. Petch Date April 19/96

