

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 55.00	« ob »					
55.00 TO 98.90	«2,e,l» mafic volcanic	<p>-Fine grained mafic volcanics, pale green coloured</p> <p>-From 55 to 72.5m: Intensely vesicular, very dense population of quartz filled amygdules. 0.1 to 1.0cm diameter, rounded, amygdules are locally flattened. Amygdules are finer and less abundant down hole</p> <p>-From 58.6 to 60.5m: strongly silicified interval, glassy.</p> <p>-From 72.5 to 98.9m: mafic rock is increasingly massive with rare amyldules</p> <p>-Fractured and veined: fine quartz-calcite veinlets, minor jointing dominantly at 30° TCA, minor bleaching associated with fine fractures, locally giving a breccia-like texture to the rock.</p> <p>-Weak schistosity at 30-40° TCA</p> <p>-Fine gouges (1-2cm wide) are evident at 71.9, 74.4 and 74.9m. Gouge is strongly chloritic.</p> <p>-Thin grinded intervals are evident throughout, do not appear to be associated with faulting</p> <p>-Lower contact is sharp at 40° TCA</p> <p>-From 98.6 to 98.9m: fine calcite filled amygdules are evident at contact</p>		<p>-Abundant silica filled amygdules</p> <p>-From 58.6 to 60.5m: thin strongly silicified zone, glassy</p> <p>-Weak fracture controlled calcite alteration</p>	<p>-Very fine disseminated pyrrhotite is locally evident</p>	
98.90 TO 105.40	«5,a,g» sedimentary argillite	<p>-Fine grained black argillite</p> <p>-Graphitic, weakly to moderately conductive</p> <p>-Fine grained disseminated pyrrhotite</p> <p>-Localized faint bedding traces are at 40-50° TCA</p> <p>-Weak schistosity at 40° TCA</p> <p>-Fractured and veined: Quartz-calcite veining throughout, minor jointing at 30-50° TCA</p> <p>-From 100.9 to 101.3m: quartz-calcite vein, contacts at 60-70° TCA</p> <p>-Lower contact is sharp at 40° TCA</p>		<p>-Moderately graphitic</p> <p>-Weak to moderate fracture controlled calcite alteration</p> <p>-Quartz-calcite veining</p>	<p>-Fine grained disseminated pyrrhotite, locally concentrated along veinlets and fractures. Trace to 1% po</p>	<p>-Weakly conductive: 1st of 2 conductive horizons</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
105.40 TO 122.00	«5-2,RWV,CG L» sedimentary volcaniclastic	-Fine grained tuffaceous rock grading to coarser conglomerate (mixed volcaniclastic?) -Very weak localized schistosity at 30-40° TCA -From 105.4 to 107.1m: Fine grained pale grey-green coloured, tuffaceous, mafic? -From 107.1 to 107.3m: fine interval of interflow sediments, graphitic argillite, moderately conductive, may be large fragments (block), contacts are sharp at 30° TCA -From 107.3 to 113.5m: fine grained tuff gradually becoming coarser down hole. Rare argillitic fragments (0.1-2.0cm diameter) within finer grained weakly silified matrix. Tuff to mixed fragmental -From 113.5 to 113.9m: thin interval of interflow sediments, pale grey strongly calcitic fragments, angular, 0.1 to 2.0cm diameter, hosted in fine grained graphitic argillite, weakly conductive. Lower contact is irregular -From 113.9 to 122m: Coarse conglomeratic rock, mixed fragmental. Dominantly pale green fragments (mafic/sedimentary?), minor argillitic clasts and rare pale grey silicified fragments (felsic-looking), rare pyrrhotite clasts are present (replacement). Clasts are subangular, 0.1 to 10cm diameter) -Lower contact is irregular at about 70-80° TCA		-Weakly chloritic -Locally weak sericite alteration -Fine calcitic veinlets are locally present	-Minor fine disseminated pyrrhotite and rare pyrrhotite clasts (appears to be pyrrhotite replacement of primary clasts). Trace to 1% po	-107.1-107.3m: weakly conductive -113.5-113.9m: weakly to moderately conductive -Finishing up hole evidence is observed through graded beds
122.00 TO 128.10	«5,a,g,*t» sedimentary argillite	-Fine grained black argillite, moderately graphitic -Weak to moderate conductor -Minor nodular pyrrhotite with trace chalcopyrite -Faint bedding traces are locally evident, at 40° TCA - 125.1-126.7 «- FAI »: Shear zone, thin gouge intervals at 30-50° TCA, graphitic slips and gouges, quartz-calcite veining at 30° TCA.		-Weakly to moderately graphitic -Quartz-calcite veining	-Fine grained disseminated and fracture controlled pyrrhotite mineralization is evident throughout, -Minor nodular pyrrhotite concretion with very fine blebs of chalcopyrite -Trace to 3% pyrrhotite, rare isolated blebs of chalcopyrite (trace)	-Weak to moderate conductor: 2nd of 2

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
128.10 TO 134.20	«2-5,RWV» Mixed fragmental	-Lower contact is sharp at 30° TCA -Coarse conglomeratic rock, pale grey to pale grey-green coloured clasts, 0.1 to 3.0cm diameter, subrounded, hosted with pale green tuffaceous matrix. Appears to be mafic volcaniclastic rock -Weak schistosity at 30° TCA -Minor fine quartz-calcite veinlets -Minor fracture controlled pyrite and pyrrhotite -Lower contact is sharp 25° TCA		-Clasts are weakly silicified, minor bleaching -Tuffaceous matrix is weakly chloritic and sericitic -Fine calcitic veinlets are evident throughout		-Minor fracture controlled pyrite and pyrrhotite, dominantly concentrated along fine veinlets, trace to 1% py-po
134.20 TO 163.00	«7,a» mafic intrusive	-Fine to medium grained, pale green coloured -Massive, homogeneous -Thin chilled margin at upper contact (10cm) -Fractured and veined: fine quartz-calcite veinlets are evident throughout, locally fine epidote veins are present -Non-schistose -Lower contact is poorly defined due to jointing		-Weakly chloritic -Fine quartz-calcite veining, minor localized epidote veinlets are also evident		-Fine disseminated blebs of pyrrhotite (trace)
163.00 TO 166.60	«7,LMP?» Lamprophyre dyke?	-Fine grained late intrusion, black coloured -Massive -Chilled margins at upper and lower contacts, approximately 50cm wide -Extensively fractured, abundant jointing at 30 to 50° TCA, weak schistosity at 40° TCA -Core is broken throughout, abundant grinded intervals -Lower contact is poorly defined due to grinded core		-Minor calcite blebs (weak) -Weakly chloritic		-Fine disseminated pyrite throughout, trace
166.60 TO 180.20	«2,l,m,f» mafic volcanic	-Mixed interval of mafic volcanic rocks, pale green coloured -Interbedded massive homogeneous mafics with thin fragmental / tuffaceous beds -Weakly schistose at 30° TCA -Fractured and veined: Quartz-calcite veining throughout, minor jointing and chloritic slips dominantly at 30-40° TCA -From 166.6 to 176.1m: fine grained, massive mafic volcanics		-Weakly chloritic -Thin fragmental units are weakly silicified -Minor quartz-calcite veining		-Fine disseminated blebs of pyrrhotite throughout

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
180.20 TO 200.00	«7,m» mafic intrusive	<p>-From 173.7 to 174.3m: quartz-calcite vein</p> <p>-From 176.1 to 178m: Mixed fragments, bleached mafic, felsic and silica clasts are hosted with a fine grained pale green mafic tuff. Fragments are 0.1 to 3.0cm diameter, weakly flattened along foliation. Contacts are sharp at 30° TCA</p> <p>-From 178 to 178,6m: Thin interval of massive mafic volcanics</p> <p>-Fro 178.6 to 180.2m: Mixed mafic fragmental, same as up hole fragmental unit, trace disseminated pyrrhotite</p> <p>-Lower contact is irregular (bulbous) at approximately 50° TCA</p> <p>-Fine to medium grained intrusives, pale green coloured</p> <p>-Several thin intrusive phases (events), finer grained dykes intuding medium to coarse grained intrusion, all of mafic composition</p> <p>-Massive</p> <p>-Intrusive contacts are at 30-50° TCA with thin chill margins (2-20cm wide)</p> <p>-Fine spinifex-like textures are locally visible, where fine chlorite-replaced pyroxenes? crystals are evident</p> <p>-Fine grained leucoxenes are rare, locally visible within coarser grained intervals</p> <p>-Non-schistose</p> <p>-Fractured and veined: minor quartz-calcite veining, rare jointing at 30° TCA</p>		<p>-Weak localized pervasive calcite alteration</p> <p>-Minor quartz-calcite veining</p>	<p>-Fine disseminated pyrrhotite blebs, trace</p>	
200.00 TO 200.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AU04468	98.50	99.50	1.00	72	130	10	40	3	0.2																	2-5 contact
AU04469	99.50	101.00	1.50	121	353	35	23	<2	0.3																	5g
AU04470	101.00	102.50	1.50	48	125	22	37	<2	0.2																	5g
AU04471	102.50	104.00	1.50	35	244	31	25	<2	0.2																	5g
AU04472	120.00	121.00	1.00	26	76	13	21	<2	0.2																	RWV
AU04473	121.00	122.00	1.00	34	146	6	20	<2	0.1																	RWV
AU04474	122.00	123.50	1.50	56	152	7	8	<2	0.2																	5g
AU04475	123.50	125.00	1.50	109	345	10	21	3	0.1																	5g
AU04476	125.00	126.50	1.50	164	589	14	75	3	0.3																	5g, FZ
AU04477	126.50	128.00	1.50	661	24	33	119	<2	0.6																	5g
AU04478	128.00	129.00	1.00	236	23	8	15	<2	0.2																	RWV

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
AU03478	65.00	66.50	1.50	68.57	13.21	5.92	1.03	1.48	1.31	5.47	0.67	0.14	0.09		1.73	99.62	30	200		25	40	5	85	2,e	3(j)	152
AU03479	95.00	96.50	1.50	56.48	15.43	5.33	4.25	4.57	0.70	6.45	0.66	0.10	0.15		5.62	99.74	15	110		20	65	115	65	2,m	3j	146
AU03480	105.50	107.00	1.50	66.38	17.79	1.81	1.05	1.57	5.23	2.25	0.08	<0.01	0.02		3.16	99.35	80	170		45	235	<5	30	2-5,*a	4hz	207
AU03481	129.50	131.00	1.50	73.46	11.19	2.33	0.95	2.81	2.07	4.23	0.43	0.09	0.04		2.13	99.73	35	240		95	15	<5	155	2,RWV	4(j)B	155
AU03482	159.50	161.00	1.50	57.60	16.43	5.74	3.91	5.26	1.02	7.19	0.59	0.10	0.12		1.64	99.60	15	110		60	40	45	95	7,a	8j	137
AU03483	164.30	165.50	1.20	53.86	14.75	7.93	4.97	3.63	0.78	11.05	0.90	0.13	0.18		1.28	99.46	25	110		265	80	55	105	8,?	7(h)w	120
AU03484	179.00	179.20	0.20	61.59	15.59	7.81	2.02	5.08	0.22	4.85	0.98	0.29	0.05		1.03	99.51	45	250		<5	<5	5	95	3,f	3(j)	119

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	CE PPM	ND PPM	
AU03478	65.00	66.50	1.50						10		0.02	35																		
AU03479	95.00	96.50	1.50						15		0.03	120																		
AU03480	105.50	107.00	1.50						<5		0.56	5																		
AU03481	129.50	131.00	1.50						5		1.03	20																		
AU03482	159.50	161.00	1.50						15		0.05	115																		
AU03483	164.30	165.50	1.20						25		0.08	195																		
AU03484	179.00	179.20	0.20						10		0.04	45																		

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU03478	65.00	66.50	1.50														5						10		0.31	0.45	5	24	27
AU03479	95.00	96.50	1.50														5						15		0.61	0.35	27	33	14
AU03480	105.50	107.00	1.50														<5						5		0.53	0.10	5	65	150
AU03481	129.50	131.00	1.50														<5						5		0.35	0.21	5	37	5
AU03482	159.50	161.00	1.50														5						15		0.56	0.35	12	31	8
AU03483	164.30	165.50	1.20														5						20		0.52	0.54	11	33	22
AU03484	179.00	179.20	0.20														5						10		0.50	0.50	2	15	1

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU03478	65.00	66.50	1.50		<10	
AU03479	95.00	96.50	1.50		<10	
AU03480	105.50	107.00	1.50		<10	
AU03481	129.50	131.00	1.50		<10	
AU03482	159.50	161.00	1.50		<10	
AU03483	164.30	165.50	1.20		<10	
AU03484	179.00	179.20	0.20		<10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 88.00	«{ob »					
88.00 TO 128.60	«7,a.S» mafic intrusive	-From 104-110m: 3m chaining error (110 should be 107m) -Fine grained, dark green coloured mafic intrusion. -Fine grained white coloured leucoxenes are locally visible -Extensively fractured and veined: abundant fine calcite veinlets, quartz, epidote and iron staining are also visible within veinlets -Grinded intervals are evident throughout -Jointing and weak schistosity at 30-40° TCA is present throughout -Lower contact is sharp along quartz vein at 70° TCA		-Minor fracture controlled calcite and epidote alteration is evident -Quartz-calcite-epidote veining -Minor iron staining associated with veining		
128.60 TO 131.40	«2,*a» mafic volcanic	-Fine grained grey-green coloured tuffaceous rock -Finely laminated (bedding) at 70° TCA -Fractured and veined: fine calcitic veinlets are evident throughout -Weak to moderate schistosity at 60-70° TCA -Minor fine grained fracture controlled pyrite -Lower contact is sharp 70° TCA with felsic interbed		-Minor chloritic fractures (weak alteration) -Minor calcite veining	-Trace to 1% fracture controlled pyrite mineralization	
131.40 TO 132.10	«4,*a» felsic volcanic	-Fine grained, pale green coloured tuff, more felsic looking -Felsic interbed within dominantly mafic sequence -Extensively grinded interval -Rare feldspar crystals and fine black coloured angular fragments (argillite) are visible throughout, isolated bleached fragments also noted -Weak schistosity at 60-70° TCA -Lower contact is sharp at 70° TCA		-Pale greenish alteration, sericite or epidote?	-Trace fine disseminated pyrite	
132.10 TO 132.70	«2,*a» mafic volcanic	-Same as up hole mafic tuff -Weakly foliated at 60-70° TCA -Trace pyrite -Lower contact is sharp at 45° TCA with felsic				

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
132.70 TO 133.00	«4,*a» felsic volcanic	interbed -Thin tuffaceous interbed, same as up hole felsic tuff. -Weak schistosity at 70° TCA -Rare feldspar phenocrysts -Rare fine angular argillite and rounded bleached fragments -Lower contact is sharp along joint at 75° TCA				
133.00 TO 134.30	«2,*a» mafic volcanic	-Same as up hole mafic tuff intervals -Lower contact is sharp at 70° TCA with down hole mafic intrusion				
134.30 TO 140.40	«7,a,G» mafic intrusive	-Fine grained, dark green coloured mafic intrusion -Massive -Fine white coloured leucoxenes are locally visible -Weak schistosity at 60° TCA -Fractured and veined: fine calcite veinlets, minor jointing at no preferred orientation -Lower contact is sharp at 40° TCA		-Fine calcitic veinlets evident throughout	-Fine calcite veinlet at 134.9m and 137.6m with trace remobilized sphalerite -Trace fine disseminated pyrrhotite throughout	
140.40 TO 158.20	«2,a,S» mafic volcanic	-Fine grained, grey-green coloured mafic volcanic -Extensively fractured with abundant argillite filled fractures -Trace to 1% fracture controlled pyrite -Abundant fine quartz-calcite veinlets (fractures) are also evident throughout, minor localized epidote associated with veining -Weak schistosity at 50° TCA - 156.1-156.3 «5,a»: thin interbed of argillitic sediments, bedding trace at 55° TCA, 1% disseminated pyrite -Lower contact at 158.2m is poorly defined due to grinded core		-Weak fracture controlled calcite alteration -Argillaceous and rusty fractures are present throughout -Quartz-calcite and locally epidote veining	-Trace to 1% fracture controlled pyrite throughout	
158.20 TO 162.30	«5,g,py» Graphitic argillite	-Weak to moderately conductive graphitic zone containing 2-3% disseminated blebby pyrite (fragments) -May be altered carbonaceous mafic volcanics -No bedding traces		-Moderately graphitic -Abundant fine calcitic veinlets	-2-3% disseminated pyrite, fine blebby to fragmental textured	-Weak conductor

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-Grinded core, 1m missing between 158.2 and 161m -Fractured and veined: fine quartz-calcite veinlets and minor joints with no preferred orientation -Weak schistosity at 60° TCA -Minor graphitic gouges within grinded interval				
162.30 TO 216.70	«2,a,e,l» mafic volcanic	-Fine grained, grey-green coloured mafic volcanics -From 166.4 to 173m: fracture filling argillitic (carbonaceous) material is present -Fine calcite filled amygdules are locally evident -Thin brecciated intervals are locally evident, rare pillow salvages are also locally observed -Fractured and veined: fine quartz-calcite veinlets are visible throughout -Weak schistosity at 50-60° TCA -Lower contact is sharp at 70° TCA with down hole mafic intrusion		-From 166.4 to 173m: fine argillaceous fractures are present	-Minor fracture controlled and disseminated pyrite (blebby), trace to 1% -Fine sphalerite filled fracture at 176.7m, trace amounts, isolated fractures -Fine blebby sphalerite (trace amounts) is visible within fine calcite veinlets at 189.5, 198.6 and 202m	
216.70 TO 227.20	«7,m,G» mafic intrusive	-Fine grained, pale green coloured mafic intrusion -Fine white coloured leucoxenes are locally visible -Massive with weak localized schistosity at 70° TCA -Fractured and veined: quartz-calcite veining -Minor jointing at no preferred orientation -Lower contact is poorly defined following 1m of fine grained chilled rock		-Weak to moderate calcite alteration, fracture controlled and locally pervasive	-Nil	
227.20 TO 235.10	«2,a,l» mafic volcanic	-Fine grained, green coloured mafic volcanics -Similar to up hole volcanics -Fractured and veined: fine quartz-calcite veinlets throughout -Weak schistosity at 45° TCA -Lower contact is sharp at 45° TCA followed by chilled portion of down hole mafic intrusion		-Minor quartz-calcite veining	-Trace fracture controlled pyrite and pyrrhotite mineralization	
235.10 TO 248.00	«7,a,G» mafic intrusive	-Fine grained, pale grey-green mafic intrusion -Fine white coloured leucoxenes are locally visible -Similar to up hole intrusives -Weakly schistose at 50-60° TCA -Fractured and veined: quartz-calcite veining		-Minor quartz-calcite veining	-Nil	

HOLE NUMBER: RE42-01

DRILL HOLE RECORD

DATE: 05/19/1999

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
248.00 TO 248.00	«E.O.H.»					

HOLE NUMBER: RE42-01

DRILL HOLE RECORD

LOGGED BY: P. Prince

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Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AU04495	158.00	161.00	3.00	92	391	8	64	17	0.4																	5g	
AU04496	161.00	162.50	1.50	50	194	6	62	10	0.1																	5g	
AU04497	162.50	164.00	1.50	37	162	1	34	<2	0.1																	5g	
AU04498	176.00	176.50	0.50	49	630	4	23	<2	0.2																	2a	
AU04499	176.50	176.80	0.30	18	2920	6	5	38	0.2																	2a	
AU04500	176.80	177.30	0.50	34	355	1	40	3	0.1																	2a	

Sample	From (M)	To (M)	Leng. (M)	SiO2 %	Al2O3 %	CaO %	MgO %	Na2O %	K2O %	Fe2O3 %	TiO2 %	P2O5 %	MnO %	Cr2O3 %	LOI %	SUM %	Y PPM	Zr PPM	EA PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM
AU03492	110.00	113.00	3.00	54.12	15.83	7.21	4.79	3.35	0.22	9.91	0.88	0.17	0.15		2.88	99.51	25	100		20	85	40	260	7a	8 (h)	147
AU03493	128.60	131.00	2.40	56.92	13.81	5.88	4.26	2.24	1.28	8.30	1.01	0.41	0.15		5.46	99.72	25	130		<5	130	85	180	2*a	2 (j) yB	147
AU03494	131.40	132.10	0.70	72.93	14.35	2.77	0.31	3.77	1.65	2.53	0.10	0.02	0.05		1.30	99.78	25	120		<5	70	15	290	4*a	4 (h) B	175
AU03495	137.00	140.00	3.00	57.90	15.75	4.62	3.96	5.02	0.12	8.13	0.84	0.19	0.15		3.04	99.72	25	140		10	70	55	240	7a	8 (j)	161
AU03496	149.00	152.00	3.00	53.34	15.53	5.12	3.98	2.52	0.99	11.26	1.29	0.22	0.25		5.08	99.58	25	100		25	150	50	105	2a	2 (h) w	180
AU03497	200.00	203.00	3.00	59.60	14.08	5.82	2.60	3.19	1.93	7.65	1.13	0.42	0.15		2.86	99.43	25	150		<5	90	15	200	2a	2 (j) yB	129

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	CE PPM	ND PPM		
AU03492	110.00	113.00	3.00						20		0.03	170																			
AU03493	128.60	131.00	2.40						20		0.05	110																			
AU03494	131.40	132.10	0.70						<5		0.10	10																			
AU03495	137.00	140.00	3.00						20		0.02	125																			
AU03496	149.00	152.00	3.00						30		0.19	215																			
AU03497	200.00	203.00	3.00						15		0.02	110																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU03492	110.00	113.00	3.00														<5						20		0.53	0.46	8	32	25
AU03493	128.60	131.00	2.40														5						15		0.55	0.43	20	41	58
AU03494	131.40	132.10	0.70														<5						<5		0.22	0.19	48	23	19
AU03495	137.00	140.00	3.00														<5						15		0.54	0.29	14	30	14
AU03496	149.00	152.00	3.00														5						25		0.46	0.33	13	39	60
AU03497	200.00	203.00	3.00														5						15		0.45	0.41	6	33	28

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU03492	110.00	113.00	3.00		<10	
AU03493	128.60	131.00	2.40		<10	
AU03494	131.40	132.10	0.70		<10	
AU03495	137.00	140.00	3.00		10	
AU03496	149.00	152.00	3.00		<10	
AU03497	200.00	203.00	3.00		<10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 103.00	« ob »	-From 80 to 103m: poorly consolidated silts and boulders				
103.00 TO 125.00	«2,a,*t» mafic volcanic	-Fine grained, pale grey coloured (bleached) mafic volcanics -Abundant fractures and fine brecciated intervals with infilling argillaceous material -Strongly schistose at 30-40° TCA with abundant thin grinded sections -Fractured and veined: fine calcitic veinlets throughout -From 107.8 to 107.9m: thin graphitic argillite interbed -From 121.5 to 125m: broken core, increasingly carbonaceous, lower contact poorly defined		-Moderate to strong pervasive calcite alteration -Minor calcite veining throughout	-Trace disseminated blebby pyrite visible throughout	
125.00 TO 125.50	«5g,*p» Graphitic fault zone	-Strongly graphitic fault zone at 35° TCA -Black coloured gouge, strongly conductive - 125-125.5 « FAI » -No sulphides		-Strongly graphitic		-Very good conductor
125.50 TO 140.00	«6,a» ultramafic intrusive	-Fine grained, dark grey coloured ultra mafic intrusive -Massive and homogeneous -Minor fine chlorite filled fractures -Minor quartz-calcite veining -Weakly to moderately magnetic -Non schistose, minor jointing at no preferred orientation -Lower contact is absent due to missing core (grinded) from 140 to 143m		-Weak fracture controlled chlorite alteration -Minor quartz-calcite veinlets present throughout	-Trace fine disseminated blebby pyrite	
140.00 TO 160.40	«7-2a,S» mafic volcanic / intrusive	-Fine grained, dark green coloured mafic rock -Intrusive / extrusive ? -Massive, homogeneous -May be thick flow or fine grained intrusive -Fractured and veined: abundant fine quartz-calcite veining dominantly at 30-40° TCA -Weak schistosity at 30-40° TCA -From 158.6 to 160.4m: broken core (grind), lower contact is poorly defined		-Abundant quartz-calcite veining throughout	-Fine disseminated euhedral pyrite crystals throughout (trace) -Fine calcite veinlet at 150.1m containing trace remobilized sphalerite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
160.40 TO 163.70	«5,g,E» cherty and graphitic sediments	-Interval is extensively grinded (rubble), approximately 1.7m of core is missing between 161 and 163.7m - 160.4-161 «5E»: cherty sediments, dark grey coloured, hosting trace to 1% fracture controlled pyrite, quartz-calcite veining. - 161-163.7 «FAI»«5g»: graphitic fault zone at 50° TCA, grinded core, fault gouge, approximately 1.7m of missing core, moderate conductor, trace pyrite -Lower contact is poorly defined due to broken core		-From 160.4 to 161m: silica rich with quartz-calcite veining -From 161 to 163.7m: moderately graphitic	-Trace fracture controlled pyrite mineralization within cherty and graphitic horizons	-Moderate conductor
163.70 TO 245.00	«2,a,*t,S» mafic volcanic	-Fine grained, pale green-grey coloured mafic volcanics -Locally tuffaceous looking -Locally slightly coarser grained where fine white coloured leucoxenes are visible -Moderate schistosity at 35-45° TCA throughout -Fractured and veined: abundant fine quartz-calcite veinlets are present throughout, minor jointing parallel to foliation at 40° TCA -Trace to 1% fracture controlled pyrite and locally pyrrhotite mineralization -From 222.65 to 222.7m: pale green coloured fault gouge at 40° TCA -Hole ends in mafic volcanics at 245m		-Weak fracture controlled calcite alteration -Abundant quartz-calcite and locally epidote veining (fine veinlets)	-Trace to 1% fine disseminated and fracture controlled pyrite and pyrrhotite -Locally weakly magnetic due to increased pyrrhotite content -Rare localized quartz-calcite veinlets hosting trace amounts of remobilized sphalerite at 185.7, 213.9 and 215.4m. Honey coloured sphalerite.	
245.00 TO 245.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AU04501	160.40	161.00	0.60	46	107	5	46	14	0.1																	5E	
AU04502	168.50	170.00	1.50	87	122	2	78	3	0.1																	2a	
AU04503	170.00	171.50	1.50	62	160	1	66	<2	0.2																	2a	

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
AU03498	104.00	107.00	3.00	49.12	13.34	11.01	2.17	2.85	0.97	8.31	1.10	0.18	0.23		10.55	99.83	20	90		50	385	30	75	2a	2(h)w!	90
AU03499	131.00	134.00	3.00	47.64	12.51	8.87	5.34	1.89	1.46	17.27	2.00	0.27	0.29		1.99	99.53	40	150		150	145	45	120	7a	7(h)vB	102
AU04701	152.00	155.00	3.00	57.77	16.00	2.87	3.01	3.31	1.62	9.20	1.00	0.28	0.12		4.33	99.51	30	160		<5	125	15	80	7a	7(j)w	205
AU04702	185.00	188.00	3.00	51.94	16.99	7.52	4.82	2.46	0.55	10.57	1.01	0.15	0.13		3.69	99.83	20	90		40	60	75	180	2a	2(h)w	161

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	CE PPM	ND PPM		
AU03498	104.00	107.00	3.00						20		0.07	175																			
AU03499	131.00	134.00	3.00						40		0.21	370																			
AU04701	152.00	155.00	3.00						15		0.03	130																			
AU04702	185.00	188.00	3.00						30		0.96	200																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU03498	104.00	107.00	3.00														5							20	0.38	0.83	14	18	135
AU03499	131.00	134.00	3.00														5							30	0.42	0.71	8	39	77
AU04701	152.00	155.00	3.00														5							15	0.44	0.18	5	43	38
AU04702	185.00	188.00	3.00														5							25	0.52	0.44	16	35	24

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU03498	104.00	107.00	3.00		<10	
AU03499	131.00	134.00	3.00		10	
AU04701	152.00	155.00	3.00		<10	
AU04702	185.00	188.00	3.00		<10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 54.00	«{ob}»					
54.00 TO 66.40	«3,f,RWV» intermediate volcanic fragmental	-Fine grained, medium to dark grey coloured -Brecciated to fragmental textures are evident throughout -Abundant silica clasts are dominantly 0.1 to 3.0cm diameter, rounded and flattened to a ratio of 1:3 -Matrix is tuffaceous, weakly chloritic -From 57.4-57.6 and 57.8-59.7m: fine grained pale green mafic rock, contacts are irregular. Thin mafic flows or very fine grained thin intrusions -Fractured and veined: thin calcitic veinlets are evident throughout. Core is extensively broken between 58.5 and 59m (grinded) -Weak schistosity at 50° TCA -Lower contact is sharp at 80° TCA		-Matrix is weakly chloritic -All clasts are silicified -Fine calcitic veinlets are evident throughout	-Trace fine disseminated pyrrhotite -Thin pyritic stringer at 66.35m (at lower contact)	
66.40 TO 125.00	«7,m,a» mafic intrusive	-Fine to medium grained mafic intrusion, pale to medium green coloured -Massive and homogeneous -Non schistose -Fractured and veined: fine quartz-calcite veinlets with localized orange stain, iron-carb. -Abundant jointing (chloritic slips) dominantly at 30° TCA -From 66.4 to 69.5m: broken core, abundant jointing -Thin chloritic gouge at 69.7m -From 78.6 to 79.1m: quartz vein, contacts at 30° TCA -From 101.2 to 110.3m: late very fine grained mafic intrusion, upper contact is sharp at 70° and lower is sharp at 50° TCA, approximately 50cm chilled margin at upper and lower contact. Pale grey coloured, jointing at 10-30° TCA, broken core from 106.7 to 108m (jointing/grinding) -Lower contact is sharp at 75° TCA		-Unaltered -Minor quartz-calcite veining with localized associated iron-carbonate staining	-Trace pyrite throughout, locally disseminated, dominantly along fine fractures	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
125.00 TO 125.60	«5,g,py» graphitic argillite	-Fine grained black graphitic argillite -Minor pyritic mineralization, dominantly along fine fractures -Good conductor -Schistosity and faint bedding lineations are evident at 60° TCA -Rare bleached mafic clasts are also visible and mildly flattened along foliation -Minor fine calcitic veinlets also present -Lower contact is sharp at 60° TCA with down hole mafic volcanoclastics		-Graphitic -Minor calcite veining	-Minor fracture controlled pyrite mineralization (thin stringers oriented parallel to foliation). 2-3% pyrite	-Good conductor, non magnetic
125.60 TO 206.50	«2,*a,f» mafic volcaniclastic	-Sequence of mafic volcanoclastic rocks, interbedded tuffaceous to cherty tuffaceous units and coarser mafic to intermediate fragmental units -Weak schistosity at 50-60° TCA is evident throughout -Minor quartz and carbonate veining, and rare localized jointing, mainly at 10-30° TCA - 125.6-139.7 «2*a»: fine tuffaceous intervals, grainy texture, minor fine disseminated and fracture controlled pyrite (trace), minor fine amydules from 126.7 to 127.1m -From 136 to 136.5m: cherty tuff, finely laminated - 139.7-206.5 «2-3,f»: mafic volcanoclastic, dominantly monolithic where clasts are all silicified, dominantly white coloured, minor dark grey fragments are locally present. Clasts are sub-rounded, 0.1 to 3cm diameter, flattened along foliation at 60° TCA at a ratio of 2:1. Clasts appear to be of felsic composition, where as matrix is made of finer chloritized tuffaceous material (mafic looking). Intermediate monolithic fragmental? -Minor rare isolated pyrrhotite clasts (maybe stringers or fragment replacement) -From 186.2 to 206.5m: still volcanoclastic stratigraphy, interbedded of fragmental and tuffaceous units, appears to be all of intermediate to mafic composition, same as up hole with increased amount of tuffaceous		-All clasts are silicified -Tuffaceous matrix is moderately chloritic throughout -Minor quartz and carbonate veining	-Trace sulphides -Localized fine disseminated pyrrhotite and pyrite mineralization, trace amounts -Rare isolated pyrrhotite and pyrite fragments (0.1-1cm diameter) maybe fine blebby stringers or fragment replacement?	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
206.50 TO 221.00	«7,a,S» mafic intrusive	<p>interbeds</p> <p>-Lower contact is poorly defined due to intense veining and fracturing associated with down hole intrusion</p> <p>-Fine to medium grained intrusion, dark green coloured</p> <p>-Minor very fine white coloured leucoxenes are locally visible</p> <p>-Extensively fractured and veined: bleached and pale green veing is present throughout, appears to be epidote/albite? veins. Giving a stringer-like texture to the rock, veins are not oriented at a preferred orientation</p> <p>-Veining is very intense at upper contact, overprints contact and primary intrusive textures</p> <p>-Very weak localized schistosity at 30-50° TCA</p> <p>-From 212.1 to 212.3m: quartz-calcite-chlorite veining, down hole of which rock is moderately calcitic</p>		<p>-Fracture controlled epidote/albite alteration, intense veining</p> <p>-From 212 to 221m: moderate pervasive calcite alteration</p>	<p>-Trace very fine disseminated pyrite</p>	
221.00 TO 221.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments
AU04461	124.00	125.00	1.00	94	85	1	42	<2	0.1																	7a
AU04462	125.00	125.60	0.60	413	299	2	123	<2	0.4																	5g
AU04463	125.60	127.00	1.40	104	137	7	37	7	0.3																	2*a
AU04464	168.00	169.00	1.00	52	173	1	15	<2	0.1																	3-2, f
AU04465	169.00	170.00	1.00	78	1630	17	9	<2	0.3																	3-2, f
AU04466	170.00	171.00	1.00	40	60	1	15	<2	0.1																	3-2, f
AU04467	186.00	186.50	0.50	127	799	1	10	24	0.2																	3-2 f/*a

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
AU03469	60.50	62.00	1.50	68.29	13.57	4.60	0.88	3.66	1.13	5.35	0.70	0.15	0.09		1.18	99.60	30	210		40	40	10	160	3,f	3(j)	145
AU03470	98.00	99.50	1.50	50.97	14.05	8.10	5.08	2.77	0.46	13.68	1.75	0.20	0.19		2.48	99.73	25	100		70	60	30	65	7,a	7(h)v	124
AU03471	149.00	150.50	1.50	57.14	16.51	6.56	4.17	4.18	0.10	7.65	0.69	0.11	0.14		2.60	99.85	20	130		35	185	50	185	2,*a	3(j)	152
AU03472	182.00	183.50	1.50	59.43	13.45	3.37	4.96	2.25	0.29	11.54	0.55	0.15	0.19		3.49	99.67	35	230		180	725	15	65	3-2,f	2(j)v	228
AU03473	216.50	218.00	1.50	46.85	15.54	8.12	6.03	3.63	0.46	11.82	1.29	0.11	0.16		5.84	99.85	15	60		<5	55	65	105	7,a	7(h)v	127

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	CE PPM	ND PPM		
AU03469	60.50	62.00	1.50						10		0.04	35																			
AU03470	98.00	99.50	1.50						30		0.34	360																			
AU03471	149.00	150.50	1.50						20		0.03	130																			
AU03472	182.00	183.50	1.50						10		1.26	45																			
AU03473	216.50	218.00	1.50						25		0.03	240																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2	
AU03469	60.50	62.00	1.50														5							10		0.28	0.34	11	20	11
AU03470	98.00	99.50	1.50														10							25		0.47	0.58	6	34	22
AU03471	149.00	150.50	1.50														5							15		0.56	0.40	12	28	44
AU03472	182.00	183.50	1.50														5							10		0.51	0.25	3	48	322
AU03473	216.50	218.00	1.50														5							20		0.55	0.52	11	36	15

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU03469	60.50	62.00	1.50		<10	
AU03470	98.00	99.50	1.50		10	
AU03471	149.00	150.50	1.50		<10	
AU03472	182.00	183.50	1.50		<10	
AU03473	216.50	218.00	1.50		<10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 43.00	«- ob -»					
43.00 TO 184.70	«7,m,G» mafic intrusive	<p>-Fine to medium grained mafic intrusion, pale to dark grey-green coloured</p> <p>-Fine buff to pink coloured leucoxenes are visible throughout</p> <p>-Massive and homogeneous</p> <p>-Localised spotted texture, chloritic spotting</p> <p>-Non-magnetic</p> <p>-Fractured and veined: abundant quartz, carbonate and epidote veining is evident throughout</p> <p>-Minor jointing at 10 to 30° TCA</p> <p>-From 59.5 to 60.9m: very fine grained chilled interval, contacts are sharp at 70° TCA</p> <p>-From 102.9 to 104m: chilled interval</p> <p>-From 122.8 to 123.1m: trace remobilized sphalerite along fine fractures</p> <p>-From 123.4 to 136.2m: finer grained interval (chilled) hosting minor fine feldspar crystals and rounded quartz filled amygdules</p> <p>-Lower contact is sharp at 60° TCA</p>		<p>-Mainly unaltered</p> <p>-Minor quartz, carbonate and epidote veining</p>	<p>-Trace localized fracture controlled pyrrhotite</p> <p>-From 122.8 to 123.1m: trace sphalerite, remobilized along fine fractures</p> <p>-From 183 to 184.7m: fine disseminated pyrrhotite is present at lower contact, 1-2%</p>	
184.70 TO 200.00	«5,g,bx» sedimentary	<p>-Interbedded fine grained argillite and medium to coarse grained conglomerate (brecciated argillite / siltstone)</p> <p>-«184.7-187.2»«5g»: graphitic argillite hosting fine disseminated pyrite (tr-1%) and fine calcitic veinlets. Good conductor</p> <p>-«187.2-196.9»«5a,CGL»: fine to medium grained argillite interbedded with conglomeratic intervals, conglomerates are clast supported, bedding traces are at 30 to 40° TCA, trace to 2% pyrite and pyrrhotite is evident throughout. Poor conductor, weakly magnetic</p> <p>-«196.9-199»«5a,po»: fine grained sedimentary rock (argillite) hosting fine stringers and disseminated grains of pyrrhotite (5%), non conductive, moderately magnetic</p> <p>-«199-200»«5g,sul»: fine grained graphitic argillite, hosting fine pyrrhotite and pyrite stringers, 5% po, tr-1% py, good conductor</p> <p>-From 199.8 to 200.1m: fault zone with thin graphitic gouge, fault at 45° TCA</p>		<p>-Locally graphitic</p> <p>-Fine calcite veinlets are evident throughout</p>	<p>-From 184.7 to 196.9m: trace to 2% sulphides, fine disseminated and thin stringer of pyrrhotite with trace pyrite</p> <p>-From 196.9 to 200m: 5% stringer pyrrhotite and trace to 1% fracture controlled pyrite</p>	<p>-From 184.7 to 187.2m: good conductor</p> <p>-From 199 to 200m: good conductor, moderately magnetic</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		<p>- 199.8-200.1 «-FAI-»: fault zone at 45° TCA</p> <p>-Bedding traces are evident throughout sedimentary sequence at 30-45° TCA, no great evidence for top direction</p> <p>-Weak schistosity at 35° TCA</p> <p>-Fractured and veined: fine calcitic veinlets are evident throughout</p> <p>-Lower contact is sharp at 45° TCA along fault</p>				
200.00 TO 204.20	«7a» mafic intrusive	<p>-Fine grained, pale green coloured mafic intrusion</p> <p>-Rare isolated fine grained buff coloured leucoxenes are visible</p> <p>-Massive and homogeneous</p> <p>-Fractured and veined: fine calcite veinlets are evident throughout</p> <p>-Minor jointing at 30-40° TCA</p> <p>-Lower contact is sharp at 35° TCA</p>		-Minor fine calcitic veinlets evident throughout	-From 200 to 200.5m: minor pyrite mineralization remobilized along fine fractures (2-3%) -Trace pyrite along fine veinlets and fractures	
204.20 TO 205.10	«5,a,g» sedimentary	<p>-Fine grained, dark grey to black coloured argillite</p> <p>-Weak to moderately graphitic</p> <p>-Moderate conductor</p> <p>-Bedding traces at 30° TCA are evident</p> <p>-Weak schistosity at 30° TCA</p> <p>- 204.8-204.9 «-FAI-»: fault zone with graphitic gouge at 60° TCA (strongly conductive)</p> <p>-Fractured and veined: minor fine calcitic veinlets parallel to foliation with trace fine pyrite crystals</p> <p>-Lower contact is irregular at approximately 50° TCA</p>		-Moderately graphitic -Fine calcitic veinlets are evident throughout	-Trace fracture controlled fine pyrite crystals	-Moderate to good conductor
205.10 TO 213.60	«7a» mafic intrusive	<p>-Same as up hole intrusive</p> <p>-Fine grained, pale green coloured mafic intrusive</p> <p>-Rare fine pinkish leucoxenes are locally visible</p> <p>-Fractured and veined: fine calcitic veinlets and minor jointing at no preferred orientation</p> <p>-Lower contact is sharp at 70° TCA following thin chill margin 213 to 213.6m</p>		-Minor fine calcite veining	-Trace fracture controlled pyrite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
213.60 TO 216.20	«5,a,g» sedimentary	-From 213.6 to 214.7m: fine grained bedded argillite, weak to moderately graphitic -Bedding trace at 50-60° TCA -Graded beds indicate fining up hole (tops up) -From 214.7 to 216.2m: slightly coarser grained sediments, pale grey siltstone, homogeneous -Weak schistosity at 45-50° TCA -Fractured and veined: minor fine calcite veinlets -Thin gouge at 214.2m at 50° TCA (minor fault) -Lower contact is sharp at 65° TCA along fine quartz-calcite vein		-Weak to moderately graphitic -Minor calcitic veinlets	-Trace fracture controlled pyrite, rare fine pyrite grain along fractures and veinlets	-Weak to moderate conductor
216.20 TO 260.60	«7a» mafic intrusive	-Fine grained, pale green coloured mafic rock (intrusive) -Massive and homogeneous -Very fine grained leucoxenes are locally visible -Fractured and veined: quartz, calcite and carbonate veins are evident throughout -Occasional quartz-calcite filled amygdules are also present - 256.4-256.6 «5,sst,cgl»: Thin sedimentary interval (xenolith), medium grained sandstone grading to silica-rich conglomerate. Fragments are subrounded and silicified. - 259.5-260 «5,sst,cgl»: same as above, possibly xenolith. sandstone to conglomeratic sediments -Lower contact is sharp at 60° TCA		-Minor thin quartz, calcite and carbonate veins are present throughout -Minor calcite filled amygdules are locally evident	-Trace fracture controlled pyrite mineralization (localized)	
260.60 TO 263.00	«5,SST,CGL» sedimentary	-Same as up hole thin sandstone intervals (xenoliths?) -Fine to medium grained sandstone grading to conglomerate consisting of subrounded silica fragments hosted in silicified, sericitized and weakly chloritic matrix -No mineralization -Weak schistosity at 50-60° TCA, with apparent bedding traces parallel to weak foliation		-Weakly silicified and sericitized		
263.00 TO 263.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments		
AU04534	183.50	184.70	1.20	72	94	1	78	21	0.2																	7a		
AU04535	184.70	186.50	1.80	61	519	35	48	10	0.3																		5g	
AU04536	186.50	188.00	1.50	37	390	24	35	21	0.5																		5g,bx	
AU04537	188.00	189.50	1.50	20	185	13	20	14	0.3																		5a,cgl	
AU04538	189.50	191.00	1.50	14	108	10	18	17	0.2																		5a	
AU04539	191.00	192.50	1.50	18	117	16	18	3	0.2																		5a,cgl	
AU04540	192.50	194.00	1.50	12	196	11	17	<2	0.1																		5a,cgl	
AU04541	194.00	195.50	1.50	15	640	12	13	<2	0.2																		5a,bx	
AU04542	195.50	197.00	1.50	44	1840	15	10	3	0.4																		5a,bx	
AU04543	197.00	198.50	1.50	157	3580	22	8	27	0.4																		5a	
AU04544	198.50	200.00	1.50	374	53	7	43	<2	0.1																		5g	
AU04545	200.00	200.50	0.50	593	219	17	92	<2	0.2																		7a,FZ	
AU04546	200.50	202.00	1.50	79	114	1	60	<2	0.1																		7a	

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
AU04715	68.00	71.00	3.00	50.32	17.66	8.50	5.45	3.58	0.42	9.72	1.02	0.16	0.12		2.73	99.68	20	100		5	60	95	245	7a	7(j)w	141
AU04716	137.00	140.00	3.00	52.29	14.84	7.92	5.36	3.63	0.51	11.57	1.18	0.18	0.18		2.03	99.69	25	120		80	100	75	165	7a	7(h)v	123
AU04717	221.00	224.00	3.00	52.27	15.66	7.53	5.83	3.19	0.06	11.02	1.09	0.17	0.13		2.92	99.87	25	120		85	95	85	105	7a	7(h)w	145

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	CE PPM	ND PPM		
AU04715	68.00	71.00	3.00						30		<0.01	155																			
AU04716	137.00	140.00	3.00						30		0.02	185																			
AU04717	221.00	224.00	3.00						30		0.02	185																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2	
AU04715	68.00	71.00	3.00														5							20		0.57	0.48	17	33	17
AU04716	137.00	140.00	3.00														5							25		0.52	0.53	14	34	28
AU04717	221.00	224.00	3.00														5							20		0.56	0.48	15	35	30

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU04715	68.00	71.00	3.00		10	
AU04716	137.00	140.00	3.00		<10	
AU04717	221.00	224.00	3.00		10	

2.19500

FALCONBRIDGE LIMITED
DRILL HOLE RECORD

DATE: 05/19/1999
IMPERIAL UNITS: METRIC UNITS: X

HOLE NUMBER: RE52-01

PROJECT NAME: KIDD/HBED/EAL JV	PLOTTING COORDS GRID: UTM	ALTERNATE COORDS GRID: RE52 grid	COLLAR DIP: -50° 0' 0"
PROJECT NUMBER: 36	NORTH: 5402120.00N	NORTH: 20+60N	LENGTH OF THE HOLE: 194.00M
CLAIM NUMBER:	EAST: 458830.00E	EAST: 21+ 0W	START DEPTH: 0.00M
LOCATION: Reid Twp.	ELEV: 290.00	ELEV: 290.00	FINAL DEPTH: 194.00M

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0"

GRID ASTRONOMIC AZIMUTH: 180° 0' 0"

DATE STARTED: 02/15/1999	COLLAR SURVEY: NO	PULSE EM SURVEY: NO	CONTRACTOR: Bradley Bros.
DATE COMPLETED: 02/17/1999	RQD LOG: NO	PLUGGED: YES	CASING: 52m
DATE LOGGED: 02/21/1999	HOLE MAKES WATER: NO	HOLE SIZE: BQ	CORE STORAGE: Kidd Creek Mine site
			UTM COORD.:

COMMENTS : Testing spectREM target 577: hit 3 thin graphitic units at depths of 135, 176 and 189m
WEDGES AT:

DIRECTIONAL DATA:

RECEIVED
 MAY 25 1999
 GEOSCIENCE ASSESSMENT
 OFFICE

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
62.00	188° 0' 0"	-50° 0' 0"	S	OK		-	-	-	-	-	-
122.00	185° 0' 0"	-51° 0' 0"	S	OK		-	-	-	-	-	-
182.00	188° 0' 0"	-50° 0' 0"	S	OK		-	-	-	-	-	-
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42A14SW2005 2.19500 REID 060

*Greg Colby for:
P. Prince*

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 52.00	«{ob}»					
52.00 TO 117.40	«2-7,m,p,D» mafic volcanic	<p>Note: 3m chaining error between 95 and 101m (101 should read 98m)</p> <p>-Fine grained, pale green coloured mafic volcanics, dominantly massive with rare localized pillow salvages. Looks increasingly intrusive down hole.</p> <p>-Fine to medium grained buff coloured feldspars are evident throughout (porphyroblasts?)</p> <p>-Locally fine black spotted texture is present (non-magnetic), carbonaceous amygdules?</p> <p>-Fine disseminated blebby pyrite is observed throughout (<1%)</p> <p>-Jointing at no preferred orientation occurs throughout unit</p> <p>-From 60.9 to 62m: joint at 0-5° TCA</p> <p>-Fractured and veined: fine calcite-quartz veinlets are abundant</p> <p>-No apparant foliation</p> <p>-From 107.7 to 117.4m: finer grained, chilled lower contact</p>		<p>-Fracture controlled and localized pervasive calcite alteration</p> <p>-Locally coarse feldspars altering to sericite</p>	-Fine disseminated blebby pyrite occurs throughout (<1%)	-Extrusive / intrusive ?
117.40 TO 131.40	«2-1,S» transition, mafic to ultramafic volcanic	<p>-Mixed unit consisting of interbedded fine grained mafic and spinifex textured ultra mafic stratigraphy. Transition from mafic to more ultra mafic rocks</p> <p>-Extensively fractured and veined: calcite and iron-carb. filled fractures</p> <p>-Foliation is at 25° TCA</p> <p>- 122.3-122.6 «{FAI}»: thin fault at 25° TCA, black carbonaceous gouge</p> <p>-From 124.5 to 128m: extensively fractured, soft talcose rock, jointing at 20-30° TCA</p> <p>-From 130.8 to 130.9m: fine fault gouge at 35° TCA</p> <p>-Lower contact is sharp at 35° TCA along joint or weak fault</p>		<p>-Strong fracture controlled calcite and iron carbonate alteration</p> <p>-Weak localized carbonaceous altered mafics, non-conductive</p> <p>-From 122.6 to 131.4m: fracture controlled talc alteration, rock is soft and brittle</p>	<p>-Fine disseminated blebby pyrrhotite is evident throughout (trace)</p> <p>-From 131 to 131.4m: fine disseminated pyrite (tr-1%)</p>	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
131.40 TO 137.90	«5,g,bx» interflow sediments	<p>-Fine grained, black coloured graphitic argillite,</p> <p>-Brecciated where angular argillitic fragments are hosted within strongly calcitic matrix</p> <p>-Good conductor</p> <p>-Minor diagenetic pyrite (3-5%) rounded concretions</p> <p>-From 132.4 to 133m: thin carbonaceously altered volcanic rock, primary textures overprinted, fine disseminated pyrite throughout (2-3%). Contacts are sharp at 30° TCA</p> <p>-Weak schistosity varies from 30-50° TCA, breccia fragments are slightly flattened parallel to foliation</p> <p>- 131.4-131.5 «FAI »: thin fault at 25° TCA</p> <p>-From 134.6 to 137.9m: volcanic component increases with angular argillitic breccia fragments still present (ultra mafic flow top)</p> <p>-Lower contact is gradational where spinifex textured ultra mafics replaces sedimentary breccia textures</p>		<p>-Argillitic sediments are strongly graphitic</p> <p>-Breccia matrix is strongly calcitic</p>	<p>-Minor pyritic concretions (3-5%)</p> <p>-Fine disseminated pyrite (tr-1%)</p>	-Good conductor
137.90 TO 184.60	«1,l,V,m» ultramafic flows	<p>-Sequence of ultra mafic flows divided by thin units of interflow sediments</p> <p>-Fine to coarse olivine spinifex is evident in upper portions of flows</p> <p>-Spinifex textures suggest tops up hole</p> <p>-Bottom part of flows consist of fine grained massive ultra mafic rock</p> <p>-Network texture is visible throughout, consisting of extensive system of carbonate veinlets occurring at no preferred orientation</p> <p>-«S0 40° »: weak schistosity at 35-45° TCA is present throughout</p> <p>-Fractured and veined: carbonate veining and jointing are abundant at no preferred orientation</p> <p>- 150.9-151.3 «5,bx,g»: Thin brecciated interflow graphitic argillite. Moderately conductive, strongly calcitic, trace pyrite, trace pyrrhotite, rare isolated bleb of cpy</p> <p>- 172.9-173.9 «5,g»: Graphitic argillite, strongly calcitic, 2% pyrite and trace</p>		<p>-Chloritic throughout</p> <p>-Fracture controlled iron carbonate and localized calcite alteration</p> <p>-Weak to moderate talc alteration is locally evident</p>	<p>-Trace fine grained disseminated blebby pyrrhotite (localized)</p> <p>-From 172.9 to 173.9m: 2% pyrite and trace pyrrhotite with graphitic argillite</p> <p>-From 173.9 to 184.6m: trace to 3% pyrite</p>	<p>-150.9-151.3m: poor to moderate conductor</p> <p>-172.9-173.9m: moderate conductor</p>

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		pyrrhotite, schistose at 25-30° TCA				
184.60 TO 187.90	«5,g,py» Interflow sediments	-From 173.9 to 184.6m: ultra mafic volcanic rock is locally brecciated containing minor angular argillite fragments. Pyritic content increases within this interval (up to 3% pyrite) -Lower contact is sharp at 60° TCA with slightly wider graphitic unit. -From 184.6 to 186.4m: strongly conductive graphitic argillite containing 2-3% pyrite -From 186.4 to 187.9m: Weakly to moderately conductive carbonaceous rock. Contact is gradational, but appears to be graphite altered volcanic rock. All primary textures over printed. -Good conductor -Fractured and veined: calcite and pyrite occur as fracture filling minerals -Weak schistosity at 30° TCA -Lower contact is gradational where graphite decreases and ultra mafic textures return		-Strongly graphitic throughout -Moderate fracture controlled calcite alteration	-From 184.6 to 186.4m: 2-3% fracture filling pyrite, trace pyrrhotite. -From 186.4 to 187.9m: trace fracture controlled pyrite	-Good conductor
187.90 TO 194.00	«1,K,Sr» Ultramafic rock	-Extensively fractured ultramafic rock, dark grey coloured, alteration overprints most primary textures -Network textured, abundant fine carbonate, chlorite and serpentine filled fractures -Very weakly magnetic		-Chloritic throughout -Moderate fracture filling iron carbonate alteration -Weak localized talc and serpentine alteration, fracture controlled	-Trace fine blebby pyrite and pyrrhotite evident within fractures	
194.00 TO 194.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AU04479	131.00	132.50	1.50	259	1170	34	638	<2	0.4																		
AU04480	132.50	134.00	1.50	271	915	43	635	<2	0.3																		
AU04481	134.00	135.50	1.50	215	1400	47	626	<2	0.4																		
AU04482	135.50	137.00	1.50	147	435	29	1110	<2	0.2																		
AU04483	137.00	138.50	1.50	60	233	31	742	<2	0.1																		
AU04484	138.50	140.00	1.50	65	55	1	1090	<2	0.1																		
AU04485	147.50	149.00	1.50	25	83	1	1620	3	0.1																		
AU04486	149.00	150.50	1.50	61	71	1	1480	<2	0.1																		
AU04487	150.50	151.30	0.80	185	797	36	783	<2	0.2																		
AU04488	171.90	172.90	1.00	72	64	2	1210	<2	0.1																		
AU04489	172.90	173.90	1.00	540	1630	106	440	7	0.5																		
AU04490	173.90	174.90	1.00	112	119	1	1200	<2	0.1																		
AU04491	183.60	184.60	1.00	69	159	1	830	<2	0.1																		
AU04492	184.60	185.30	0.70	667	1820	70	464	3	0.2																		
AU04493	185.30	186.50	1.20	825	5150	47	653	<2	0.4																		
AU04494	186.50	188.00	1.50	125	217	3	1030	<2	0.1																		

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
AU03485	77.00	80.00	3.00	46.71	15.90	13.15	5.82	1.88	0.06	12.07	1.00	0.10	0.19		2.59	99.47	20	50		120	65	80	340	2a	2hw	105
AU03486	128.00	131.00	3.00	44.05	7.97	8.25	21.03	0.09	0.05	11.18	0.41	0.06	0.17		6.30	99.56	10	20		95	30	645	2020	1-2a	1J	95
AU03487	138.00	140.00	2.00	43.45	7.04	7.04	24.28	0.02	0.01	10.21	0.36	0.04	0.17		6.75	99.37	10	20		55	50	870	2145	1V	1J	100
AU03488	158.00	161.00	3.00	41.20	7.04	3.33	27.91	0.02	0.03	10.91	0.40	0.06	0.12		8.41	99.43	10	20		50	20	925	2380	1a	1L!	208
AU03489	182.00	183.50	1.50	43.76	7.92	7.65	21.50	0.05	0.03	12.04	0.40	0.06	0.22		5.62	99.25	10	20		75	125	700	2080	1V	1J	102
AU03490	187.30	187.40	0.10	31.63	8.02	6.75	19.39	0.02	0.02	18.80	0.39	0.07	0.17		14.18	99.44	15	30		40	280	660	1785	5-1,g	5!	118
AU03491	188.00	191.00	3.00	43.86	6.20	3.64	28.17	0.02	0.01	9.17	0.35	0.04	0.12		7.93	99.51	5	20		30	75	760	1890	1a,S	1L	169

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	CE PPM	ND PPM			
AU03485	77.00	80.00	3.00						35		0.12	240																				
AU03486	128.00	131.00	3.00						50		0.03	135																				
AU03487	138.00	140.00	2.00						55		1.28	120																				
AU03488	158.00	161.00	3.00						55		0.68	120																				
AU03489	182.00	183.50	1.50						50		0.43	135																				
AU03490	187.30	187.40	0.10						45		1.31	120																				
AU03491	188.00	191.00	3.00						40		0.95	125																				

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU03485	77.00	80.00	3.00														5						30		0.53	0.83	14	28	35
AU03486	128.00	131.00	3.00														<5						20		0.82	1.04	31	72	333
AU03487	138.00	140.00	2.00														<5						20		0.86	1.00	36	77	2500
AU03488	158.00	161.00	3.00														<5						20		0.86	0.47	33	89	1000
AU03489	182.00	183.50	1.50														<5						20		0.81	0.97	33	74	2500
AU03490	187.30	187.40	0.10														<5						15		0.71	0.84	34	74	14000
AU03491	188.00	191.00	3.00														<5						20		0.89	0.59	27	89	3750

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU03485	77.00	80.00	3.00		<10	
AU03486	128.00	131.00	3.00		<10	
AU03487	138.00	140.00	2.00		<10	
AU03488	158.00	161.00	3.00		<10	
AU03489	182.00	183.50	1.50		<10	
AU03490	187.30	187.40	0.10		<10	
AU03491	188.00	191.00	3.00		<10	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 40.00	« ob »					
40.00 TO 52.30	«7-2,*t» sheared mafic	-Fine grained, pale green-grey coloured -Strongly schistose at 15° TCA, sheared / metavolcanic -Fine quartz-carbonate veinlets displaying boudinage textures -Locally rock is rusty coloured, iron staining, weathering along fractures. -Abundant jointing (faulting?) parallel to foliation at 10-20° TCA, thin gouge at 40.3m - 40-52.3 « FAI » -Grinded core from 45 to 50m -Shearing may be associated to Mattagami river fault zone		-Minor bleaching -Quartz-carbonate veining is evident throughout -Localized iron staining associated with fractures		
52.30 TO 56.90	«7,a,D» mafic intrusive	-Fine grained, dark grey coloured mafic intrusion -Most likely same rock type as up hole sheared mafics -Weakly schistose at upper and lower contacts at 20° TCA -Fine feldspar phenocrysts are abundant throughout -Rare fine white coloured leucoxenes are locally visible -Massive -Fractured and veined: quartz-calcite veining -Lower contact is sharp at 25° TCA		-Weak fracture controlled calcite alteration -Quartz-calcite veining is present throughout	-Trace fine disseminated pyrite	
56.90 TO 61.50	«7-2,*t» sheared mafic	-Same as up hole sheared mafic -Finely laminated, with abundant slip planes at 20° TCA -Slickenside lineations at a 35° rake are observed on faulted surfaces - 56.9-61.5 « FAI » -Fractured and veined: minor quartz-carbonated veining -Lower contact is sharp at 20° TCA with late intrusion (lamprophyre dyke)		-Minor quartz-carbonate veining		

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
61.50 TO 63.30	«7,a,LMP» Lamprophyre dyke	-Very fine grained, black coloured dyke (lamprophyre?) -Hard, massive and homogeneous -Magnetic -Fine elongated light coloured crystals are locally observed (feldspars?) -Fractured and veined: very fine calcitic veinlets -No visible sulphides -Lower contact is sharp at 15° TCA		-Minor fine calcitic veinlets evident throughout		-Magnetic
63.30 TO 97.10	«7-2,*t,*q» sheared mafic	-Sheared mafic rock, same as up hole unit -Finely laminated with minor boudinage textures observed within quartz-carbonate veinlets -Fine micaceous surfaces are present throughout, muscovite schist -Quartz porphyroblastic and augen textures are also present -Foliation / shearing is strong at 20° TCA - 63.3-97.1 « FAI » -From 77 to 97.1m: shearing intensity gradually decreases, rock becomes massive mafic intrusion		-Minor quartz-carbonate veining -Lamination are defined by micaceous surfaces (looks like muscovite schist)	-Trace fine disseminated pyrite	
97.10 TO 117.80	«7,a,G» mafic intrusive	-Fine grained, dark green coloured mafic intrusion -Massive and homogeneous -Fine white coloured leucoxenes are visible throughout -Locally weak schistosity at 20° TCA is observed -Fractured and veined: abundant quartz-calcite and localized epidote veinlets, rare localized hematite filled fractures -Lower contact is gradational, where foliation increases towards shear zone		-Minor quartz-calcite-epidote veining	-Trace disseminated pyrite	
117.80 TO 164.00	«7-2,*t,*g» sheared mafic	-Same as up hole sheared mafic units -Main shear zone, Mattagami river fault? -Muscovite schist -Finely laminated, thin slip surfaces consisting of muscovite - 117.8-164 « FAI » -From 126.7 to 127.7m: grinded core with minor gouging -Strong foliation at 30° TCA - 117.8-164 « S0 30° » -Crenulation cleavage is locally observed at 5 to		-Muscovite-chlorite schist -Abundant quartz-calcite veining	-Trace localized disseminated pyrite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		10° TCA. «S2 10°» -Fractured and veined: abundant quartz-calcite veining -Quartz porphyroblast, boudinage and augen textures are observed throughout shear zone -From 155.6 to 164m: core is extensively broken along foliation at 30° TCA -From 162 to 164m: grind, missing core -Lower contact is gradational, as shear zone intensifies, graphitic alteration and pyrite / hematite mineralization increases.				
164.00 TO 176.00	«5g,*t,*p» Graphitic fault zone	-Black coloured graphitic fault zone, altered mafics or graphitic sediments? -Contacts appear to be gradational -Abundant fault gouges throughout -Strongly schistose at 30° TCA -«164-176»«FAI» -Finely laminated, fine carbonate veinlets, thin pyrite and hematite laminations are also present throughout -From 166 to 167m: missing core, grind -Lower contact is gradational, where graphitic alteration decreases		-Moderate graphite alteration -Minor hematite laminations and rusty staining throughout	-2-3% pyrite, as lamination and as fine disseminated crystals	-Moderate conductor
176.00 TO 227.00	«7,a,*t» mafic intrusive	-Fine grained, pale green coloured mafic intrusion -Abundant fine buff coloured leucoxenes are visible throughout -Massive -Fractured and veined: quartz-calcite veining, trace localized epidote -Minor jointing dominantly at 30-40° TCA -Weak localized schistosity at 30-40° TCA -Hole end in mafic intrusive		-Minor quartz-calcite and locally epidote veining	-Trace fine disseminated pyrite is locally visible	
227.00 TO 227.00	«E.O.H.»					

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AU04504	164.00	165.00	1.00	34	135	1	26	17	0.1																		FZ, 5g
AU04505	165.00	166.00	1.00	46	80	2	36	<2	0.3																		FZ, 5g
AU04506	167.00	168.50	1.50	124	63	14	71	<2	0.5																		FZ, 5g
AU04507	168.50	170.00	1.50	136	43	17	58	<2	0.6																		FZ, 5g
AU04508	170.00	171.50	1.50	130	29	11	55	10	0.5																		FZ, 5g
AU04509	171.50	173.00	1.50	186	271	6	111	21	0.4																		FZ, 5g
AU04510	173.00	174.50	1.50	66	68	3	45	3	0.3																		FZ, 5g
AU04511	174.50	176.00	1.50	96	105	3	50	7	0.2																		FZ, 5g

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
AU04703	61.50	63.30	1.80	50.04	12.12	9.41	5.25	1.77	0.09	17.05	1.47	0.17	0.25		2.23	99.85	30	90		245	135	65	215	7,LMP	7hv	108
AU04704	92.00	95.00	3.00	55.25	14.04	7.53	4.28	3.59	0.06	8.06	0.80	0.15	0.12		5.87	99.75	20	110		25	65	60	250	7-2, *t	8(j)	126
AU04705	128.00	131.00	3.00	59.17	15.45	4.03	2.15	2.65	1.16	7.25	0.86	0.18	0.08		6.44	99.42	20	150		75	85	30	90	7-2, *t	8j	197
AU04706	191.00	194.00	3.00	49.87	13.27	7.41	5.06	2.77	0.05	11.92	0.84	0.11	0.19		8.41	99.90	15	60		70	165	25	50	7,a	7(h)v!	130

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	CE PPM	ND PPM		
AU04703	61.50	63.30	1.80						40		0.17	335																			
AU04704	92.00	95.00	3.00						20		0.03	145																			
AU04705	128.00	131.00	3.00						20		0.28	115																			
AU04706	191.00	194.00	3.00						30		0.07	210																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU04703	61.50	63.30	1.80														5							30	0.42	0.78	12	32	76
AU04704	92.00	95.00	3.00														<5							20	0.56	0.54	14	28	18
AU04705	128.00	131.00	3.00														5							15	0.41	0.26	14	33	32
AU04706	191.00	194.00	3.00														<5							25	0.50	0.56	5	33	60

Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU04703	61.50	63.30	1.80		10	
AU04704	92.00	95.00	3.00		<10	
AU04705	128.00	131.00	3.00		10	
AU04706	191.00	194.00	3.00		<10	

2.19500

HOLE NUMBER: RE65-01

FALCONBRIDGE LIMITED
DRILL HOLE RECORD

DATE: 05/19/1999
IMPERIAL UNITS: METRIC UNITS: X

PROJECT NAME: KIDD/HBED/EAL JV	PLOTTING COORDS GRID: UTM	ALTERNATE COORDS GRID: RE65 grid	COLLAR DIP: -55° 0' 0"
PROJECT NUMBER: 36	NORTH: 5404410.00N	NORTH: 1+60N	LENGTH OF THE HOLE: 218.00M
CLAIM NUMBER:	EAST: 4634700.00E	EAST: 0+ 0E	START DEPTH: 0.00M
LOCATION: Reid Twp.	ELEV: 290.00	ELEV: 290.00	FINAL DEPTH: 218.00M

COLLAR ASTRONOMIC AZIMUTH: 180° 0' 0" GRID ASTRONOMIC AZIMUTH: 180° 0' 0"

DATE STARTED: 02/22/1999	COLLAR SURVEY: NO	PULSE EM SURVEY: YES	CONTRACTOR: Bradley Bros.
DATE COMPLETED: 02/25/1999	RQD LOG: NO	PLUGGED: YES	CASING: 49m
DATE LOGGED: 03/15/1999	HOLE MAKES WATER: NO	HOLE SIZE: BQ	CORE STORAGE: Kidd Creek Mine site
			UTM COORD.:

COMMENTS : Testing spectrEM target 567: hit 2 thin graphitic units, and a 2m wide stringer pyrite zone (10-15%)
WEDGES AT:

DIRECTIONAL DATA:

Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments	Depth (M)	Astronomic Azimuth	Dip degrees	Type of Test	FLAG	Comments
70.00	180° 0' 0"	-54° 0' 0"	S								
110.00	180° 0' 0"	-53° 0' 0"	S								
182.00	182° 0' 0"	-50° 0' 0"	S								
214.00	186° 0' 0"	-47° 0' 0"	S								
-	-	-	-	-	-	-	-	-	-	-	-
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 OFFICE

HOLE NUMBER: RE65-01

DRILL HOLE RECORD

LOGGED BY: P. Prince

PAGE: 1



42A14SW2005 2.19500 REID 080

Greg Collins for P. Prince

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
0.00 TO 49.00	«4,ob,t»					
49.00 TO 116.50	«4,a,m,q» felsic volcanic	<p>-Note: chaining error, 6m of core between 59 and 62m (59m tag repeated).</p> <p>-Very fine grained, aphanitic, pale greyish-green coloured with localized rusty coloured stain</p> <p>-Massive and vitric, very high silica</p> <p>-Fine quartz crystals are evident throughout, 1-2mm diameter, <1%</p> <p>-Very fine micro fractured texture is evident throughout, locally giving a faint insitu brecciated texture to the core</p> <p>-Fractures are dominantly sericite filled, locally fractures are rust coloured with minor associated iron staining</p> <p>-Fractured and veined: minor thin quartz veins, minor jointing at no preferred orientation</p> <p>-No schistosity</p> <p>-From 89.1 to 89.2m: thin chloritic interval, looks like mafic xenolith (interbed?)</p> <p>-Lower contact is sharp at 30° TCA with down hole interflow tuffaceous sediments</p>		<p>-Strong pervasive silicification is present throughout</p> <p>-Weak fracture controlled sericite alteration</p> <p>-Weak localized iron staining and rusty fractures (pinkish-brown stain)</p>	-Nil	
116.50 TO 124.50	«5,g,E» sedimentary graphitic argillite	<p>-Extensively grinded, 5m of core missing</p> <p>-Fine grained graphitic argillite hosting rounded volcanic fragments (volcaniclastic unit)</p> <p>-Unit is weakly conductive</p> <p>-Bedding traces / foliation are at 45-55° TCA</p> <p>-«116.5-124.5» «S0 50°»</p> <p>-Minor thin cherty intervals are interbedded with graphitic volcaniclastic rock</p> <p>-Lower contact is sharp at 20° TCA between cherty sediments and down hole autobrecciated rhyolite</p>		-Weakly to moderately graphitic	-Trace to 5% disseminated pyrite is present throughout	-Weak to moderate conductor
124.50 TO 132.40	«4,bx,t» felsic volcanic	<p>-Fine grained, pale grey-yellow-green coloured volcaniclastic to autobrecciated rhyolite</p> <p>-Minor sub-angular felsic fragments from 1 to 3cm diameter</p> <p>-Rare isolated quartz phenocrysts are evident</p> <p>-Extensively fractured with minor fracture controlled pyrite mineralization and sericite</p>		<p>-Moderate fracture controlled sericite alteration</p> <p>-Weak localized silicification is also evident</p>	-Trace to 1% fracture controlled pyrite mineralization	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
132.40 TO 134.70	«5,g» sedimentary graphitic argillite	alteration -Minor thin quartz and carbonate veins at no preferred orientation are visible throughout -Fine grained, black coloured argillite -Similar to up hole graphitic argillite -Weakly conductive -From 133.2 to 134.2m: grinded core, minor gouge material, fault. - 133.2-134.2 «- FAI » -Moderate schistosity at 50-60° TCA -Fine carbonate veinlets are oriented parallel to foliation -Trace to 2% pyrite is observed, occasional isolated fragments, rounded, flattened along foliation -Lower contact is bulbous at approximately 45° TCA		-Weak to moderately graphitic -Moderate fracture controlled carbonate alteration	-Trace to 2% fragmental pyrite, minor fine rounded clasts	-Weak conductor
134.70 TO 150.60	«4,q,S,bx» quartz porphyry	-Fine grained, pale grey-green coloured rhyolite -From 134.7 to 144.9m: trace quartz phenocrysts, 1-2mm diameter -From 144.9 to 150.6m: quartz phyruc, 3-5% phenocrysts, 1-2mm diameter -Fractured to autobrecciated: fracture controlled sericite alteration, fine quartz veinlets -Weak schistosity at 50° TCA -Lower contact is poorly defined within interval of broken core		-Moderate fracture controlled sericite alteration -Weakly silicified -Minor quartz veining	-Nil	
150.60 TO 151.60	«7,LMP» dyke	-Fine to medium grained, dark brown to black coloured intrusion -Lamprophyric dyke, biotite rich -Massive, homogeneous -Biotite crystals are coarse and abundant (50%) -Minor jointing at 10 to 30° TCA -Lower contact is sharp at 70° TCA along fine quartz vein		-Abundant biotite -Minor pervasive calcite alteration	-Nil	
151.60 TO 175.80	«4,q,bx,S» quartz porphyry	-Similar to up hole quartz porphyry -Fine grained, pale grey coloured rhyolite -Hosting 2-5% quartz crystals, 1-2mm diameter -Extensively fractured, locally appears autobrecciated		-Weak fracture controlled sericite alteration -Weak to moderately silicified throughout -From 160 to 170m: weak chloritic	-Trace disseminated pyrite	

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
		-Weak schistosity at 60° TCA is present throughout -Fractured and veined: minor fine quartz-calcite veining -Rare isolated euhedral pyrite crystals are evident -Lower contact is sharp at 35° TCA		alteration -Minor quartz-calcite veining throughout		
175.80 TO 180.60	«4,*a,q,Py» felsic volcanic	-Fine grained, pale grey coloured quartz phyrlic tuff hosting pyrite stringer zone -Bedding traces are at 30-40° TCA, locally folded -From 175.8 to 178.4m: 1-2% sulphide fragments (pyrite and pyrrhotite) with trace to no quartz phenocrysts -From 178.4 to 180.6m: 10-15% pyrite stringer and fragmental mineralization, 1-2% quartz phenocrysts -Good conductor, locally weakly magnetic (minor pyrrhotite) -Weak schistosity at 30-40° TCA, stringers and bedding traces are oriented parallel to foliation -Lower contact is sharp at 40° TCA		-Weak localized fracture controlled sericite alteration	-From 175.8 to 178.4m: 1-2% sulphide fragments, pyrite and pyrrhotite -From 178.4 to 180.6m: 10-15% stringer and fragmental pyrite. Trace sphalerite, rare isolated bleb	-Good conductor
180.60 TO 203.40	«4,q,bx» quartz porphyry	-Similar to up hole quartz porphyry -Fine grained, pale to dark grey coloured -Fine silicified rhyolite hosting up to 5% quartz phenocrysts, 1-2mm diameter -Rhyolite is fractured to autobrecciated, locally appears more massive -Fractured and veined: minor thin quartz-calcite veining throughout -Weak schistosity at 45° TCA -Lower contact is sharp at 40° TCA		-Weak fracture controlled sericite alteration -Weakly silicified and locally weak chloritic alteration -Minor quartz-calcite veining is evident throughout	-Trace very fine disseminated pyrite	
203.40 TO 218.00	«5a,WCK» sedimentary	-Fine grained greywacke sequence, pale to dark grey coloured -Bedding traces are dominantly at 20-30° TCA, but varies (folding) -Graded beds showing up hole fining and flame textures appears to indicate tops up hole -Fine disseminated sulphides (pyrite and pyrrhotite) are evident throughout, trace to 2% -Weak schistosity at 30° TCA -Minor very thin calcitic veinlets are evident		-Minor very fine calcite veinlets are evident throughout	-Trace to 2% fine disseminated pyrite and pyrrhotite	

HOLE NUMBER: RE65-01

DRILL HOLE RECORD

DATE: 05/19/1999

FROM TO	ROCK TYPE	TEXTURE AND STRUCTURE	ANGLE TO CA	ALTERATION	MINERALIZATION	REMARKS
218.00 TO 218.00	«E.O.H.»	throughout -Hole ends in greywacke				

HOLE NUMBER: RE65-01

DRILL HOLE RECORD

LOGGED BY: P. Prince

PAGE: 5

Sample	From (M)	To (M)	Leng. (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Au ppb	Ag ppm	Cu/Zn ppm	Co ppm	Pt ppb	Pd ppb	S ppm	Se ppm	As ppm	Hg ppb	Sb ppm	Est.Ni %	Est.Po %	Est.Py %	Est.Cp %	Est.Sp %	Est.Gn %	ROCK TYPE	Comments	
AU04518	116.50	119.00	2.50	33	69	10	53	10	0.2																		
AU04519	119.00	122.00	3.00	25	53	13	33	17	0.5																		5g, 1.5m missing
AU04520	122.00	125.00	3.00	14	35	21	22	38	1.0																		5g 1.5m missing
AU04521	125.00	126.50	1.50	7	53	5	10	3	0.2																		5g 1.5m missing
AU04522	126.50	128.00	1.50	10	90	12	10	<2	0.2																		4bx
AU04523	128.00	129.50	1.50	14	54	15	7	<2	0.2																		4bx
AU04524	129.50	131.00	1.50	6	113	4	10	<2	0.1																		4bx
AU04525	131.00	132.40	1.40	5	96	3	12	<2	0.1																		4bx
AU04526	132.40	134.00	1.60	18	31	17	33	17	0.4																		4bx
AU04527	134.00	135.50	1.50	11	21	12	23	7	0.2																		5g
AU04528	135.50	137.00	1.50	8	27	5	5	3	0.2																		5-4 contact
AU04529	174.50	176.00	1.50	10	104	7	4	<2	0.1																		4q, bx
AU04530	176.00	177.50	1.50	13	151	1	17	<2	0.1																		4q
AU04531	177.50	179.00	1.50	14	85	5	12	<2	0.1																		4*a
AU04532	179.00	180.60	1.60	11	134	29	18	14	0.4																		4*a
AU04533	180.60	182.00	1.40	10	126	7	5	3	0.1																		4q

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
AU04709	53.00	56.00	3.00	77.83	11.96	0.12	0.16	0.65	5.73	1.51	0.14	<0.01	0.03		1.31	99.45	55	240		<5	40	10	340	4a,m,q	4(h)B	184
AU04710	95.00	98.00	3.00	77.19	11.15	0.27	0.18	0.46	7.91	1.26	0.13	0.01	0.03		0.86	99.45	40	200		<5	<5	20	760	4a,m,q	4(h)B	129
AU04711	125.00	128.00	3.00	74.91	12.87	0.75	0.87	1.88	3.31	2.24	0.18	0.02	0.03		2.63	99.69	45	230		5	110	5	165	4,bx,t	4(j)B	217
AU04712	140.00	143.00	3.00	77.32	10.80	2.16	0.33	1.33	2.90	1.50	0.14	0.01	0.05		2.93	99.47	40	190		5	35	45	270	4,bx,S	4(h)B	169
AU04713	158.00	161.00	3.00	76.15	12.00	1.52	0.43	4.02	1.78	1.44	0.13	0.03	0.03		2.21	99.74	65	190		20	75	10	200	4q	4hz	164
AU04714	191.00	194.00	3.00	74.02	14.78	0.36	0.67	4.65	2.02	1.70	0.17	0.02	0.02		1.42	99.83	70	240		<5	95	5	190	4q	4(h)z	210

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	CE PPM	ND PPM		
AU04709	53.00	56.00	3.00						<5		<0.01	15																			
AU04710	95.00	98.00	3.00						10		<0.01	30																			
AU04711	125.00	128.00	3.00						5		0.46	20																			
AU04712	140.00	143.00	3.00						5		0.04	20																			
AU04713	158.00	161.00	3.00						5		0.02	10																			
AU04714	191.00	194.00	3.00						<5		<0.01	10																			

Sample	From (M)	To (M)	Leng. (M)	SM PPM	EU PPM	GD PPM	DY PPM	ER PPM	LU PPM	OS PPB	IR PPB	RU PPB	RH PPB	PT PPB	PD PPB	LI PPM	BE PPM	MN PPM	GA PPM	GE PPM	IN PPM	TL PPM	SC PPM	BR PPM	MGO#	CA/AL	NI/MGO	ISHIKW	ZN/NA2
AU04709	53.00	56.00	3.00														<5						5		0.20	0.01	62	88	62
AU04710	95.00	98.00	3.00														<5						<5		0.25	0.02	111	92	11
AU04711	125.00	128.00	3.00														<5						5		0.48	0.06	6	61	59
AU04712	140.00	143.00	3.00														<5						5		0.34	0.30	136	48	26
AU04713	158.00	161.00	3.00														<5						5		0.41	0.13	23	29	19
AU04714	191.00	194.00	3.00														<5						5		0.48	0.02	7	35	20

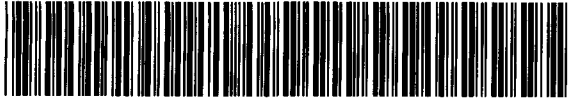
Sample	From (M)	To (M)	Leng. (M)	YB PPM	NB PPM	HG PPB
AU04709	53.00	56.00	3.00		<10	
AU04710	95.00	98.00	3.00		10	
AU04711	125.00	128.00	3.00		10	
AU04712	140.00	143.00	3.00		10	
AU04713	158.00	161.00	3.00		<10	
AU04714	191.00	194.00	3.00		10	



Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

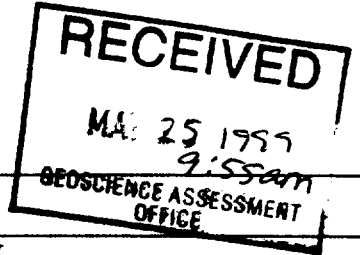
Transaction Number (office use) W990.00239 Assessment Files Research Imaging



42A14SW2005 2.19500 REID 900

Subsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, assessment work and correspond with the mining land holder. Questions about this form should be directed to the Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario N2S 1Y9.

Instructions: - For work performed on Crown Lands before recording a claim, use form 0240. - Please type or print in ink.



1. Recorded holder(s) (Attach a list if necessary)

Table with 2 columns: Holder Information (Name, Address) and Contact Information (Client Number, Telephone Number, Fax Number). Includes Falconbridge Limited and Explorers Alliance Corporation.

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

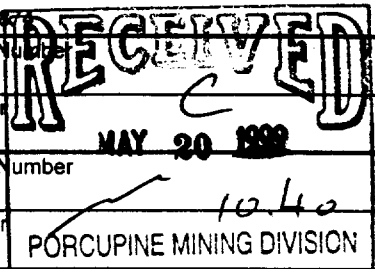
Form for work type selection. Includes checkboxes for Geotechnical, Physical, and Rehabilitation. Includes fields for Work Type (DIAMOND DRILLING), Dates Work Performed, and Global Positioning System Data.

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required; - provide proper notice to surface rights holders before starting work; - complete and attach a Statement of Costs, form 0212; - provide a map showing contiguous mining lands that are linked for assigning work; - include two copies of your technical report.

3. Person or companies who prepared the technical report (Attach a list if necessary)

2.19500

Table for technical report preparers. Includes Name, Address, Telephone Number, and Fax Number. Includes Greg Collins and Porcupine Mining Division.



4. Certification by Recorded Holder or Agent

I, Greg Collins, do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature and address section. Includes Signature of Recorded Holder or Agent (Greg Collins), Agent's Address (1 Centre Ave, Gold Carre), Telephone Number (705 264-2369), Date (May 19, 1999), and Fax Number (705) 267-8874.

Additional Stakeholder:

W9960.00239

Name COMAPLEX MINERALS CORP.	Client Number 302304
Address 1015-4th ST SOUTHWEST, SUITE 901	Telephone Number (403) 265-2846
CALGARY, ALBERTA T2R 1J4	Fax Number (403) 232-1421

I am on record as an agent for both Explorers Alliance Corporation, and Comaplex Minerals Corporation.

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REC
MAY 20 1999
10.40
PORCUPINE MINING DIVISION



Schedule for Declaration of Assessment Work on Mining Land

Transaction Number (office use)

W960.00239

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work Performed on this claim or other mining land.	Value of work Applied to this Claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
1177354	1	\$0	\$400		
1177355	1	\$0	\$400		
1177356	1	\$0	\$400		
1177357	1	\$0	\$400		
1177359	1	\$0	\$400		
1177360	1	\$0	\$400		
1177361	1	\$0	\$400		
1177362	1	\$0	\$400		
1177363	1	\$0	\$400		
1177364	1	\$0	\$400		
1177365	1	\$0	\$400		
1177366	1	\$0	\$400		
1177367	1	\$0	\$400		
1177368	1	\$0	\$400		
1177369	1	\$0	\$400		
1177370	1	\$0	\$400		
1177371	1	\$0	\$400		
1181269	1	\$0	\$400		
1181271	1	\$0	\$400		
1181272	1	\$0	\$400		
1181273	1	\$0	\$400		
1181274	1	\$0	\$400		
1181275	1	\$0	\$400		
1181276	1	\$0	\$400		
1201459	2	\$0	\$800		
1201466	1	\$0	\$400		
1204771	6	\$0	\$2,400		
1204772	1	\$0	\$400		
1204773	4	\$0	\$1,600		
1204774	15	\$0	\$6,000		
1204775	2	\$0	\$800		
1228069	15	\$0	\$6,000		
1227611	8	\$29,627	\$3,200	\$10,000	\$16,427
1227612	3	\$13,201	\$1,200	\$6,000	\$6,001
1211743	8	\$13,559	\$3,200	\$4,000	\$6,359
Column Totals		\$56,387	\$35,600	\$20,000	\$28,787

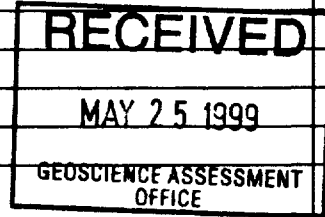
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10.40

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

Work Type	Units of work Depending on the type of work, list the number of hours/day worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	1836m	\$55/m	\$100,980
Assay Samples	79	\$15/sample	\$1,185
Whole Rock Analysis	42	\$22/sample	\$924
Geological Services	28 days	\$200/day	\$5,600
Associated Costs (e.g. supplies, mobilization and demobilization).			
Transportation Costs			
Truck Rental and Gas for 28 days		\$35/day	\$980
Food and Lodging Costs			
Total Value of Assessment Work			\$109,669



2.19500

Calculations of Filing Discounts:

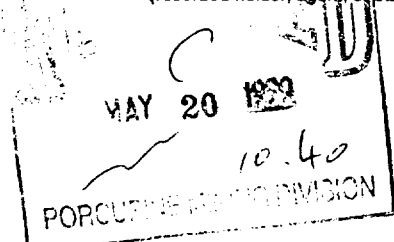
1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total \$ value of worked claimed.

- Note:**
- Work older than 5 years is not eligible for credit.
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Greg Collin's, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Senior Field Geologist I am authorized to make this certification.
(please print full name)
(recorded holder, agent, or state company position with signing authority)



Signature <i>Greg Collin's</i>	Date May 19, 1999
-----------------------------------	----------------------

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (877) 670-1555

June 10, 1999

FALCONBRIDGE LIMITED
SUITE 1200, 95 WELLINGTON STREET WEST
TORONTO, ONTARIO
M5J-2V4

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

Dear Sir or Madam:

Submission Number: 2.19500

Status

Subject: Transaction Number(s): W9960.00239 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Steve Beneteau by e-mail at steve.beneteau@ndm.gov.on.ca or by telephone at (705) 670-5855.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.19500

Date Correspondence Sent: June 10, 1999

Assessor: Steve Beneteau

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9960.00239	1177354	REID	Deemed Approval	June 10, 1999

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Greg Collins
TIMMINS, ON, CAN

FALCONBRIDGE LIMITED
TORONTO, ONTARIO

EXPLORERS ALLIANCE CORPORATION
TORONTO, ONTARIO

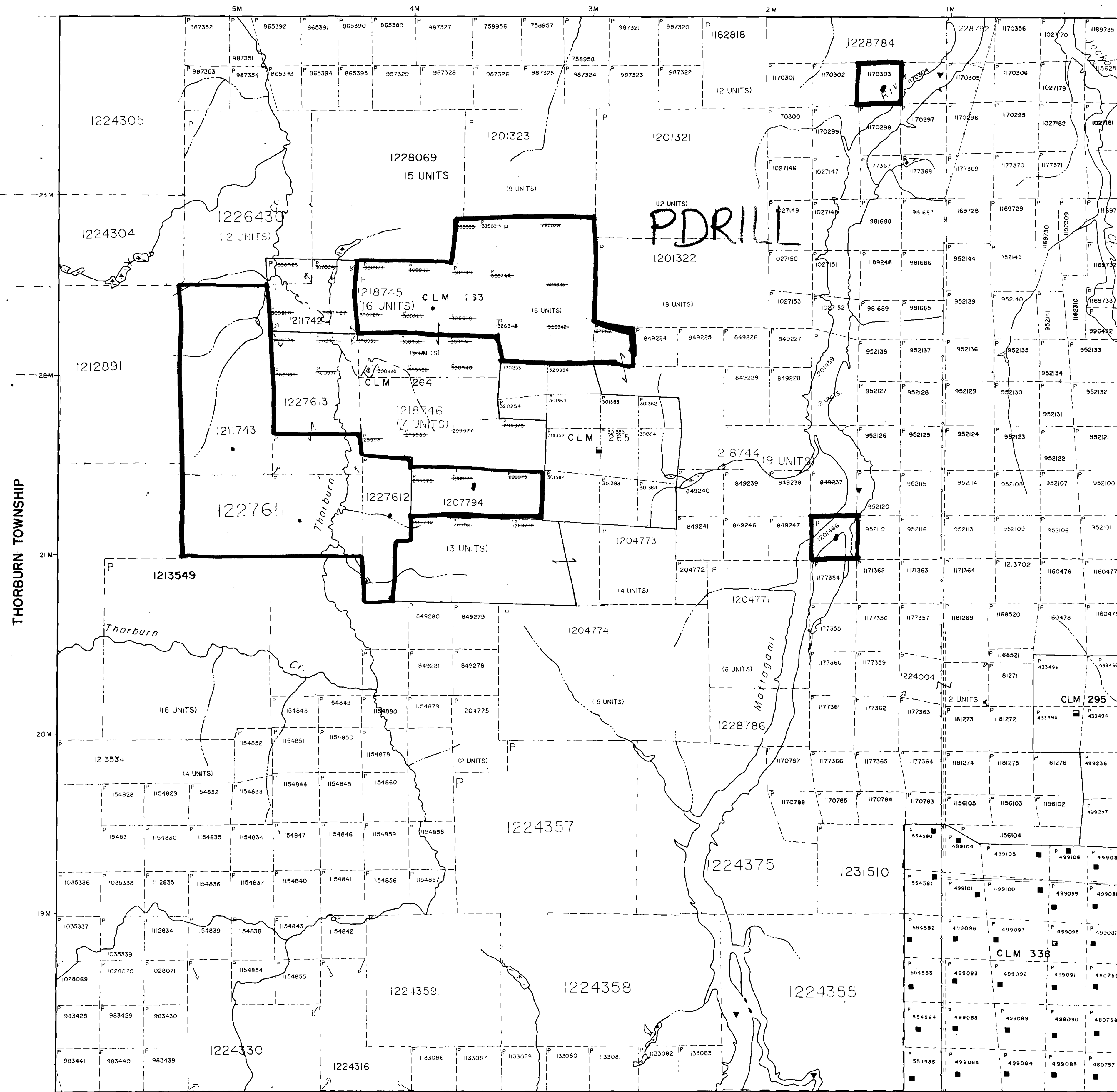
COMAPLEX MINERALS CORP.
CALGARY, ALBERTA

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.+S. - MINING AND SURFACE RIGHTS

Description Order No. Date Disposition File

MAHAFFY TOWNSHIP



NOTES
 TOWNSHIP SUBDIVISION ANNULLED AUGUST 19, 1953.
 FLOODING ON MATTAGAMI RIVER L.O. 7085.

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

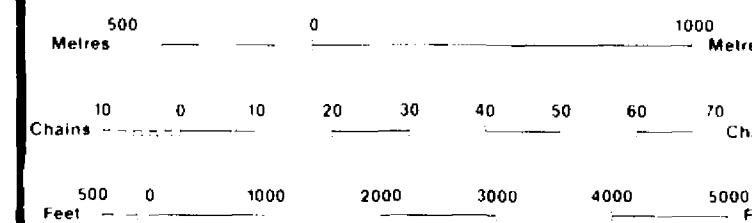
LEGEND

- HIGHWAY AND ROUTE NO.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
- TOWNSHIP BASE LINES ETC.
- LOTS MINING CLAIMS PARCELS ETC.
- UNSURVEYED LINES
- LOT LINES
- PARCEL BOUNDARY
- MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NATURAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LEASE, SURFACE & MINING RIGHTS	
SURFACE RIGHTS ONLY	
MINING RIGHTS ONLY	
LICENCE OF OCCUPATION	
ORDER IN COUNCIL	
RESERVATION	
CANCELLED	
SAND & GRAVEL	

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1913, VESTED IN ORIGINAL PATENTEES BY THE PUBLIC LANDS ACT, R.S.O. 1910, CHAP. 380, SEC. 63, SUBSEC. 1.



SCALE 1:20 000

DATE OF ISSUE

APR 20 1999
 PROVINCIAL RECORDS & ARCHIVES
 OFFICE - SUDBURY

TOWNSHIP
REID
 M.N.R. ADMINISTRATIVE DISTRICT
TIMMINS
 MINING DIVISION
PORCUPINE
 LAND TITLES / REGISTRY DIVISION
COCHRANE

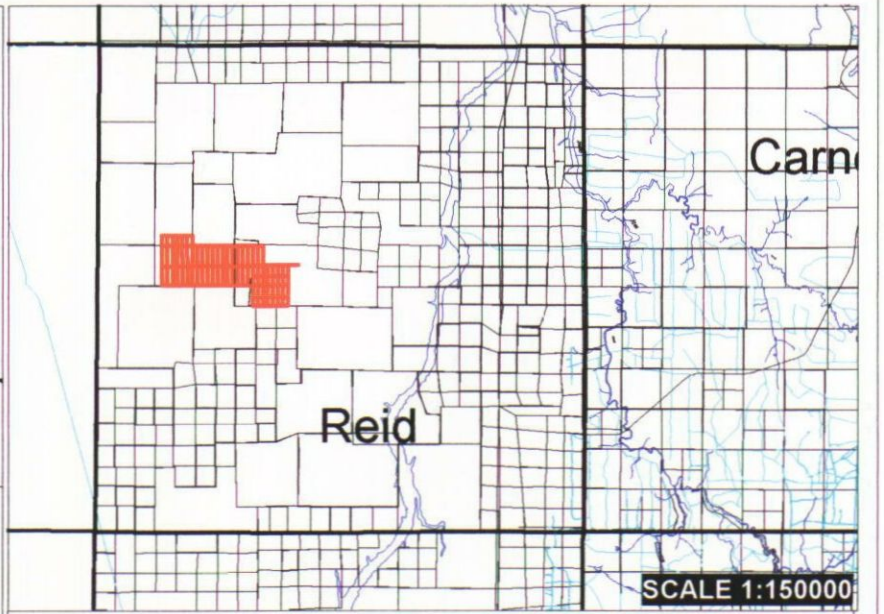
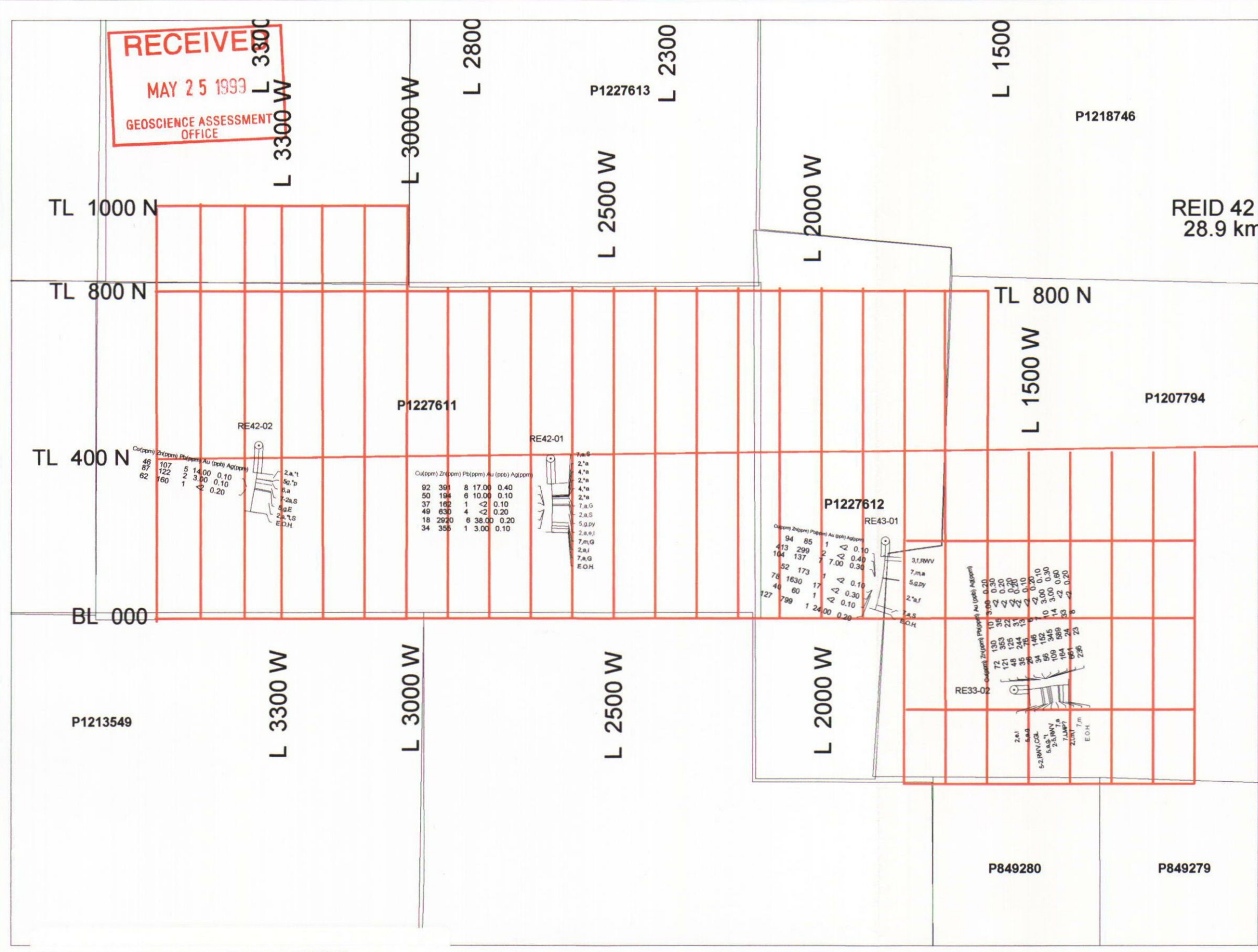
Ministry of Natural Resources
 Ministry of Northern Development and Mines

Date: SEPTEMBER, 1986 Number: G-3966

REVISED APRIL 1987 BY G.R.W.



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LEGEND

- Geology**
- MAJOR ROCK DIVISIONS**
- 15 TO BE ANNOUNCED
 - 14 HURONIAN SUPERGROUP
 - 13 METAMORPHIC (Mylonite)
 - 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
 - 4 FELSIC VOLCANIC ROCKS
 - 3 INTERMEDIATE VOLCANIC ROCKS
 - 2 MAFIC VOLCANIC ROCKS
 - 1 ULTRAMAFIC VOLCANIC ROCKS
- TEXTURAL/GEOCHEMICAL MODIFIERS**
- 100 Fine Grained
 - 101 Medium Grained
 - 102 Coarse Grained
 - 103 Quartz Filled
 - 104 Porphyritic
 - 105 Porphyroblastic
 - 106 Crystalline
 - 107 Crystalline
 - 108 Crystalline
 - 109 Crystalline
 - 110 Crystalline
 - 111 Crystalline
 - 112 Crystalline
 - 113 Crystalline
 - 114 Crystalline
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 - 147 Crystalline
 - 148 Crystalline
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 - 150 Crystalline
- TEXTURAL/STRUCTURAL MODIFIERS**
- 1001 Tabular
 - 1002 Equant
 - 1003 Subhedral
 - 1004 Subangular
 - 1005 Angular
 - 1006 Subvolcanic
 - 1007 Volcanic
 - 1008 Subvolcanic
 - 1009 Volcanic
 - 1010 Subvolcanic
 - 1011 Volcanic
 - 1012 Subvolcanic
 - 1013 Volcanic
 - 1014 Subvolcanic
 - 1015 Volcanic
 - 1016 Subvolcanic
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 - 1036 Subvolcanic
 - 1037 Volcanic
 - 1038 Subvolcanic
 - 1039 Volcanic
 - 1040 Subvolcanic

ASTRONOMIC



FALCONBRIDGE LIMITED
 Exploration Division Timmins, ONTARIO

**REID 42 GRID
 DIAMOND DRILL HOLES**

TRACED : A.D.T.	DATE : 04/99	HTS :	PROJECT : 036
DRAWN : A.D.T.	DATE : 04/99	MAP No:	FILE: REIDDDH.WOR
SUPERVISED : S.M.	DATE : 04/99	SCALE 1:10,000	
REVISED:	DATE:		

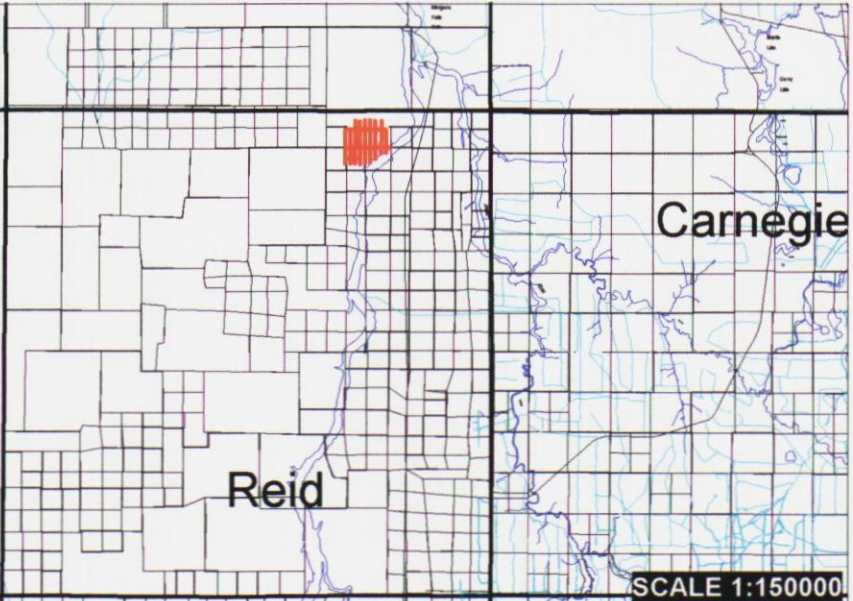


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OFFICE

MAH 25 GRID

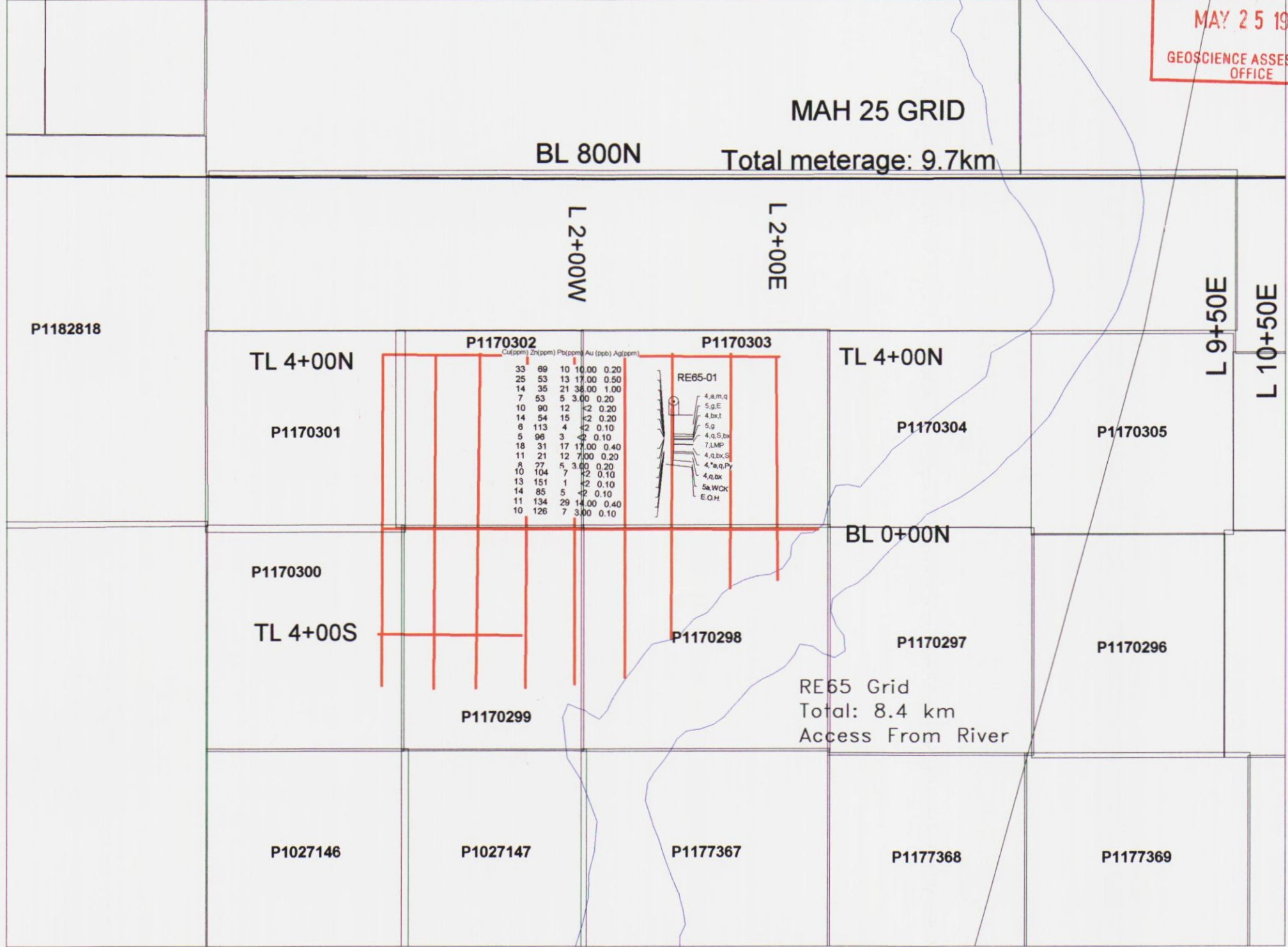
BL 800N Total meterage: 9.7km



Carnegie

Reid

SCALE 1:150000



LEGEND

- Geology**
- MAJOR ROCK DIVISIONS**
- 15 TO BE ANNOUNCED
 - 14 HURONIAN SUPERGROUP
 - 13 METAMORPHIC (Schistose)
 - 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
 - 4 FELSIC VOLCANIC ROCKS
 - 3 INTERMEDIATE VOLCANIC ROCKS
 - 2 MAFIC VOLCANIC ROCKS
 - 1 ULTRAMAFIC VOLCANIC ROCKS
- TEXTURAL/GEOCHEMICAL MODIFIERS**
- A Fine Grained
 - B Medium Grained
 - C Coarse Grained
 - D Quartz Felsic/Physic
 - E Amphibolite/Physic
 - F Primary Fragments
 - G Amphibolite/Physic
 - H Talcite
 - I Alkalic
 - J Calc-Alkalic
 - K Yornitic
 - L Flow
 - M Mass
 - N Veinlike/Spherulitic
 - O Flowed
 - P Quartz Physic
 - Q Crystalline Formation
 - R Subvolcanic, Extrusive
 - S Pyroclastic
 - T High Mg
 - U High Fe
 - V High Al
 - W Andesite
 - X Basaltic
 - Y Highly Evolved (Y=8)
 - Z
- TEXTURAL/STRUCTURAL MODIFIERS**
- 1a Tuffaceous (<2mm)
 - 1b Lenticular
 - 1c Lenticular (2-5mm)
 - 1d Lenticular (5-10mm)
 - 1e Blocky (>10mm)
 - 1f Autoclaved
 - 1g Thickly Laminated
 - 1h Thinly Laminated
 - 1i Chiefly Spherulitic
 - 1j Matrix Supported
 - 1k Radial (2-4mm)
 - 1l Columnar (2-4mm)
 - 1m Columnar (>4mm)
 - 1n Blocky (>25mm)
 - 1o Graded Bedding
 - 1p Cross Bedding
 - 1q Fault Zone
 - 1r Angular
 - 1s Porphyroblastic
 - 1t Homotaxial
 - 1u Subvolcanic
 - 1v Spherulitic
 - 1w Boullengerite
 - 1x Spherulitic
 - 1y Spherulitic
 - 1z Crystalline (>50% of mass)
 - 1aa Crystalline (>50% of mass)
 - 1ab Crystalline (>50% of mass)
 - 1ac Crystalline (>50% of mass)
 - 1ad Crystalline (>50% of mass)
 - 1ae Crystalline (>50% of mass)
 - 1af Crystalline (>50% of mass)
 - 1ag Crystalline (>50% of mass)
 - 1ah Crystalline (>50% of mass)
 - 1ai Crystalline (>50% of mass)
 - 1aj Crystalline (>50% of mass)
 - 1ak Crystalline (>50% of mass)
 - 1al Crystalline (>50% of mass)
 - 1am Crystalline (>50% of mass)
 - 1an Crystalline (>50% of mass)
 - 1ao Crystalline (>50% of mass)
 - 1ap Crystalline (>50% of mass)
 - 1aq Crystalline (>50% of mass)
 - 1ar Crystalline (>50% of mass)
 - 1as Crystalline (>50% of mass)
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 - 1au Crystalline (>50% of mass)
 - 1av Crystalline (>50% of mass)
 - 1aw Crystalline (>50% of mass)
 - 1ax Crystalline (>50% of mass)
 - 1ay Crystalline (>50% of mass)
 - 1az Crystalline (>50% of mass)

2.19500

RE65 Grid
Total: 8.4 km
Access From River

ASTRONOMIC



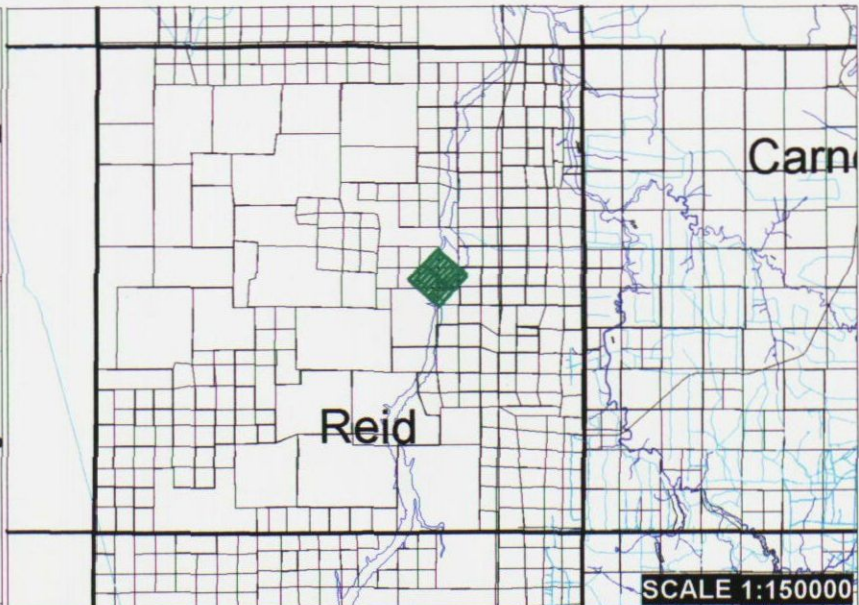
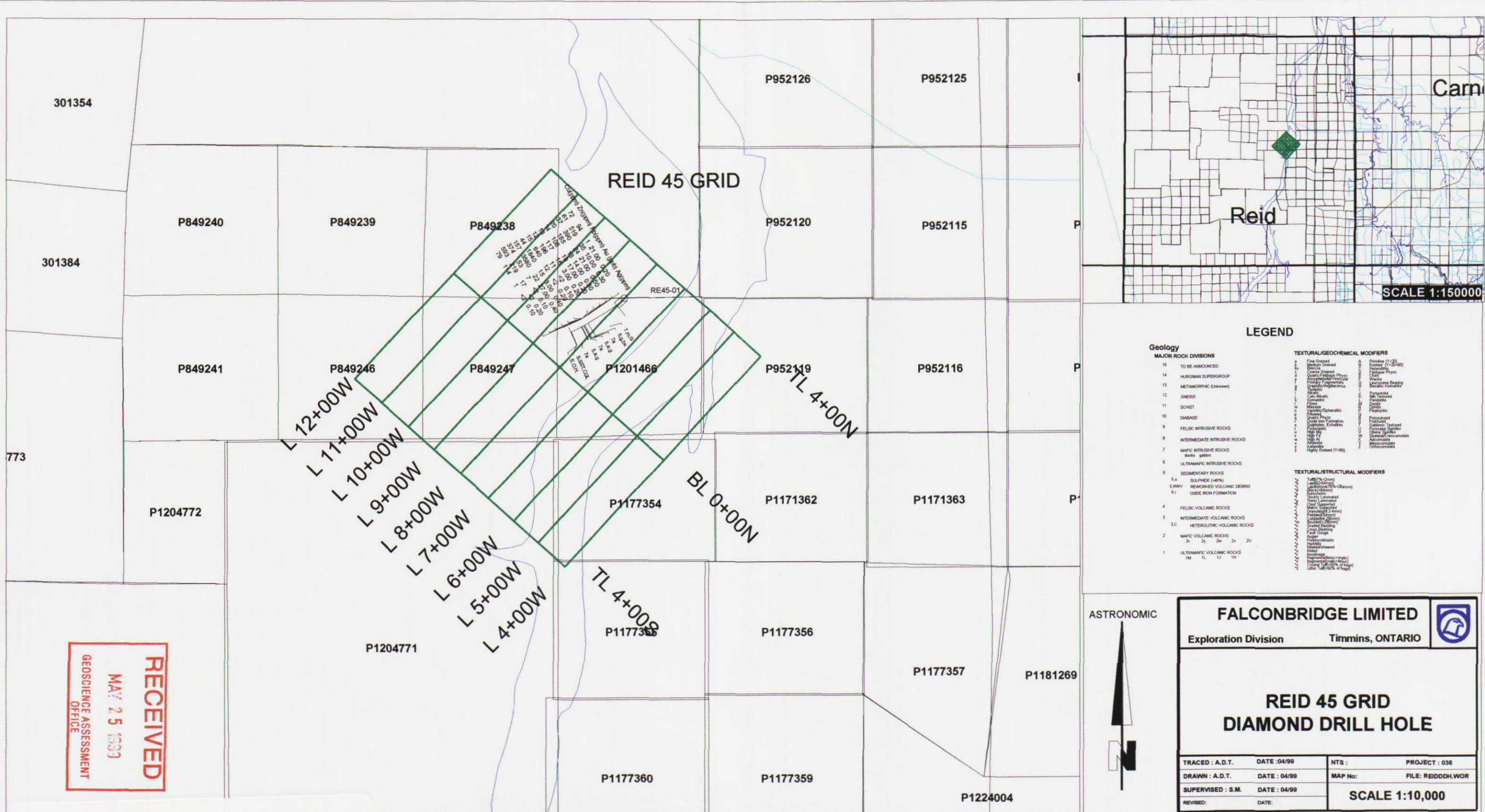
FALCONBRIDGE LIMITED

Exploration Division Timmins, ONTARIO

**REID 65 GRID
DIAMOND DRILL HOLE**

TRACED : A.D.T.	DATE : 04/99	NTS :	PROJECT : 036
DRAWN : A.D.T.	DATE : 04/99	MAP No:	FILE: REIDDH.WOR
SUPERVISED : S.M.	DATE : 04/99	SCALE 1:10,000	
REVISED:	DATE:		

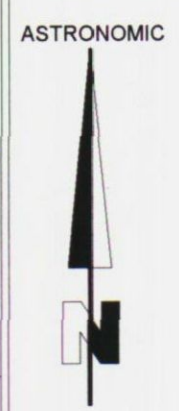




LEGEND

Geology	TEXTURAL/GEOCHEMICAL MODIFIERS
MAJOR ROCK DIVISIONS	
15 TO BE ANNOUNCED	4 Fine Grained
14 HURONIAN SUPERGROUP	5 Medium Grained
13 METAMORPHIC (Mylonitic)	6 Quartz Feldspar Physic
12 GNEISS	7 Amphibole/Pyroxene
11 SCHIST	8 Primary / Fragmentary
10 DABASE	9 Metamorphic
9 FELSIC INTRUSIVE ROCKS	10 Calcic
8 INTERMEDIATE INTRUSIVE ROCKS	11 Aluminous
7 MAFC INTRUSIVE ROCKS	12 K-feldspar
6 ULTRAMAFIC INTRUSIVE ROCKS	13 Olivine
5 SEDIMENTARY ROCKS	14 Olivine
5.4 SULPHIDE (40%)	15 Olivine
5.5 REWORKED VOLCANIC DEBRIS	16 Olivine
5.7 OXIDE IRON FORMATION	17 Olivine
4 FELSIC VOLCANIC ROCKS	18 Olivine
3 INTERMEDIATE VOLCANIC ROCKS	19 Olivine
3.C HETEROLITHIC VOLCANIC ROCKS	20 Olivine
2 MAFC VOLCANIC ROCKS	21 Olivine
1 ULTRAMAFIC VOLCANIC ROCKS	22 Olivine
	23 Olivine
	24 Olivine
	25 Olivine
	26 Olivine
	27 Olivine
	28 Olivine
	29 Olivine
	30 Olivine
	31 Olivine
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FALCONBRIDGE LIMITED		
Exploration Division	Timmins, ONTARIO	
REID 45 GRID DIAMOND DRILL HOLE		
TRACED : A.D.T.	DATE : 04/99	NTS : PROJECT : 036
DRAWN : A.D.T.	DATE : 04/99	MAP No: FILE: REIDDH.WOR
SUPERVISED : S.M.	DATE : 04/99	SCALE 1:10,000
REVISED:	DATE:	



2.19500

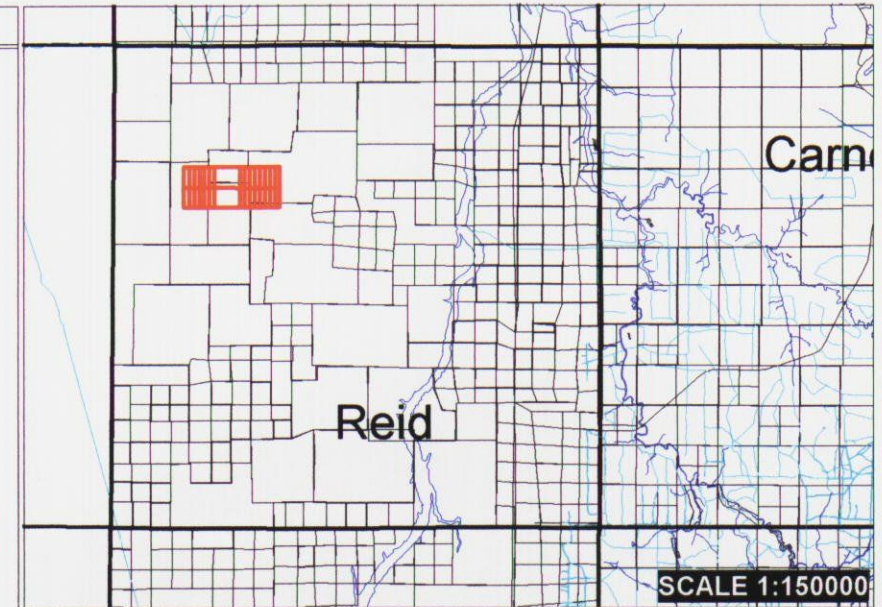


42A14SW2005 2.19500 REID

240

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GEOSCIENCE ASSESSMENT
OFFICE

RE52 Grid
Total: 18.5 km



RE52-02

Cu(ppm)	Zn(ppm)	Pb(ppm)	As(ppm)	Ag(ppm)	7-2'1
34	135	1	17.00	0.10	7-2'1
46	80	2	<	0.30	7-2'1
124	63	14	<	0.50	7-2'1
136	49	17	<	0.60	7-2'1
130	29	11	10.00	0.50	7-2'1
186	27	6	21.00	0.40	7-2'1
66	68	3	3.00	0.30	7-2'1
96	105	3	7.00	0.20	7-2'1

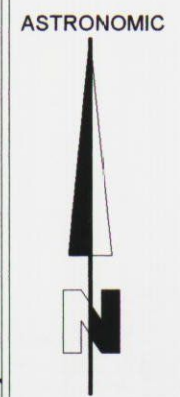
RE52-01

Cu(ppm)	Zn(ppm)	Pb(ppm)	As(ppm)	Ag(ppm)	7-2'1
259	1170	34	<	0.40	7-2'1
271	944	49	<	0.40	7-2'1
215	1400	47	<	0.30	7-2'1
147	436	29	<	0.20	7-2'1
80	233	31	<	0.10	7-2'1
65	55	1	<	0.10	7-2'1
25	83	1	3.00	0.10	7-2'1
81	34	1	<	0.10	7-2'1
185	797	36	<	0.20	7-2'1
72	64	2	<	0.10	7-2'1
540	1630	106	7.00	0.50	7-2'1
112	119	1	<	0.10	7-2'1
69	159	1	<	0.10	7-2'1
667	1820	70	3.00	0.10	7-2'1
825	5150	47	<	0.40	7-2'1
125	217	3	<	0.10	7-2'1

LEGEND

Geology		TEXTURAL/GEOCHEMICAL MODIFIERS	
15	TO BE ANNOUNCED	4	Fine Grained
14	HURONIAN SUPERGROUP	5	Medium Grained
13	METAMORPHIC (Mineral)	6	Coarse Grained
12	GNEISS	7	Coarse Grained Physic
11	SCHIST	8	Primary Fragments
10	DABASE	9	Crystalline/Agglutaceous
9	FELSIC INTRUSIVE ROCKS	10	Tholeiitic
8	INTERMEDIATE INTRUSIVE ROCKS	11	Alkalic
7	MAFIC INTRUSIVE ROCKS	12	Calc-Alkalic
6	ULTRAMAFIC INTRUSIVE ROCKS	13	Basaltic
5	SEDIMENTARY ROCKS	14	Basaltic Andesite
5.1	SULPHIDE (+40%)	15	Andesite
5.2	REWORKED VOLCANIC DEBRIS	16	Highly Enriched (Y-40)
5.3	OXIDE IRON FORMATION		
4	FELSIC VOLCANIC ROCKS		
3	INTERMEDIATE VOLCANIC ROCKS		
3.C	HETEROLITHIC VOLCANIC ROCKS		
2	MAFIC VOLCANIC ROCKS		
1	ULTRAMAFIC VOLCANIC ROCKS		

2.19500



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Exploration Division Timmins, ONTARIO

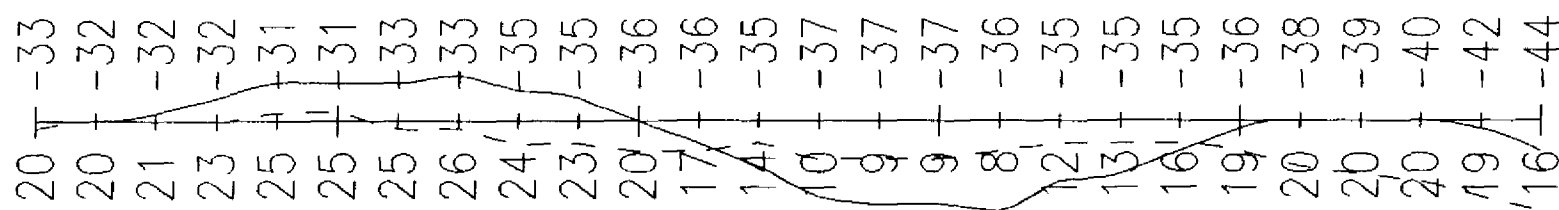
**REID 52 GRID
DIAMOND DRILL HOLES**

TRACED : A.D.T.	DATE : 04/99	NTS :	PROJECT : 036
DRAWN : A.D.T.	DATE : 04/99	MAP No:	FILE: REIDDDH.WOR
SUPERVISED : S.M.	DATE : 04/99	SCALE 1:10,000	
REVISED:	DATE:		

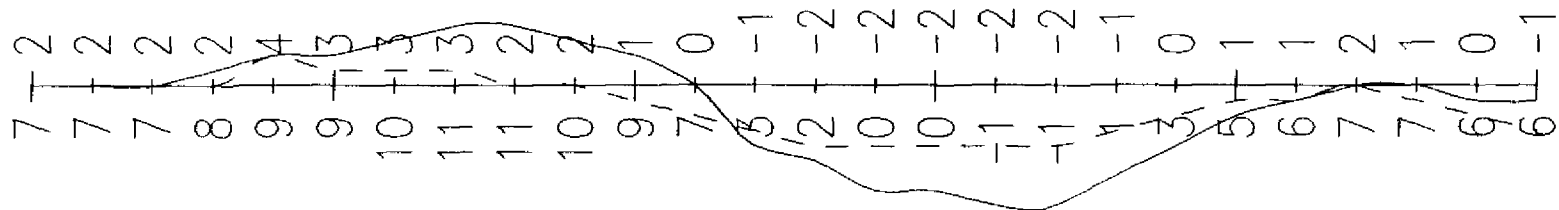
Mag 1cm = 100nT

No Mag

EM 1777 1cm = 20%



EM 444 1cm = 10%

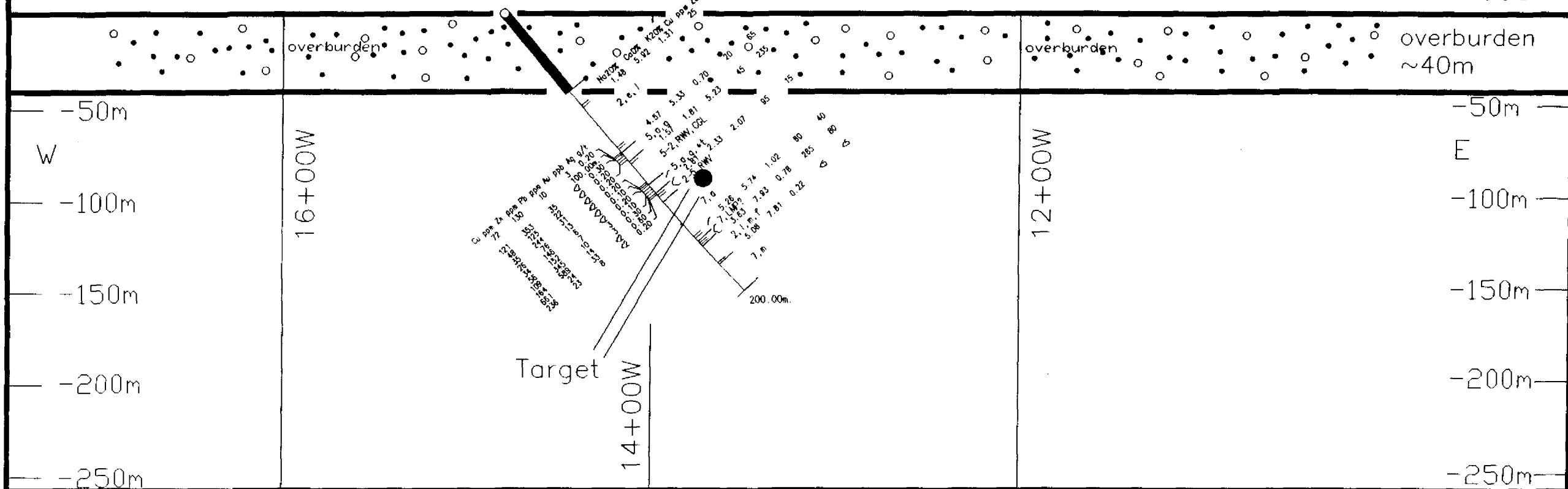


Target Width: 20m
Dip: -60° West
Depth: 90m
27 mhos
Centre: 1+00S, 13+70W

RE33-02
Az 90°, Dip: -50°
14+80W, 1+00S
459460mE, 5399940mN

0m SURFACE ELEVATION

L 1+00S



Target Property #JV28
SectrEM Target #581

Comments:

KIDD/HBED/EAL JV		GEOCHEM TABLE															RE33-02																			
SAMPL No.	FROM (M)	TO (M)	Fe	SiO2	AL2O3	CaO	MgO	HAZO	K2O	FE2O3	TiO2	P2O5	MNO	LOI	SUM	Y	Zr	Cu	Zn	Ni	CR	FIELD NAME	CHEM ID	ALUM	CO	PB	S	V	BE	SC	NO	MOF	CA/AL	NI/WO	TSIKW	ZN/AZ
AU03478	85.00	86.50	1.5	88.57	13.21	5.92	1.03	1.48	1.31	5.47	0.67	0.14	0.09	1.73	99.82	30	200	25	40	5	85	2.e	3(j)	152	10		0.02	35	5	10	<10	0.31	0.45	5	24	27
AU03479	95.00	96.50	1.5	86.48	15.43	5.33	4.25	4.57	0.70	6.45	0.66	0.10	0.15	5.62	99.74	15	110	20	85	115	85	2.w	3(j)	146	15		0.03	120	5	15	<10	0.81	0.35	27	33	14
AU03480	105.50	107.00	1.5	86.38	17.79	1.81	1.05	1.57	5.23	2.25	0.06	<0.01	0.02	5.16	99.35	80	370	45	235	<5	30	2-5, no	207	<5		0.56	5	<5	5	<10	0.53	0.10	5	85	150	
AU03481	129.50	131.00	1.5	73.46	11.19	2.33	0.95	2.81	2.67	4.23	0.43	0.09	0.04	2.13	99.73	35	240	95	15	<5	155	2, RW	4(j)B	155	5		1.03	20	<5	5	<10	0.35	0.21	5	37	5
AU03482	159.50	161.00	1.5	67.60	16.43	5.74	3.81	5.26	1.02	7.19	0.59	0.10	0.12	1.64	99.60	15	110	60	40	45	95	7.e	8(j)	137	15		0.05	115	5	15	<10	0.56	0.35	12	31	8
AU03483	164.30	165.50	1.2	53.86	14.75	7.93	4.57	3.63	0.78	11.05	0.93	0.13	0.18	1.28	99.46	25	110	265	80	55	105	8.7	7(h)w	120	25		0.08	195	5	20	<10	0.52	0.54	11	33	22
AU03484	179.00	179.20	0.2	61.59	15.59	7.81	2.02	5.08	0.22	4.85	0.98	0.29	0.05	1.03	99.51	45	250	<5	<5	5	95	3.f	3(j)	119	10		0.04	45	5	10	<10	0.50	0.50	2	15	1

KIDD/HBED/EAL JV		ASSAY TABLE															RE33-02									
SAMPL No.	FROM (M)	TO (M)	Fe	Cu	Zn	Pb	Ni	Au	Ag	Est Ni	Est Po	Est Py	Est Co	Est Sp	Est Ga	ROCK T										
AU04469	98.50	99.50	1.0	72	130	10	40	5	0.2							2-5 co										
AU04469	99.50	101.00	1.5	121	353	35	23	0.3								5g										
AU04470	101.00	102.50	1.5	48	125	22	37	0.2								5g										
AU04471	102.50	104.00	1.5	35	244	31	25	0.2								5g										
AU04472	120.00	121.00	1.0	26	76	13	21	0.2								RW										
AU04473	121.00	122.00	1.0	34	146	6	20	0.1								RW										
AU04474	122.00	123.50	1.5	56	152	7	8	0.2								5g										
AU04475	123.50	125.00	1.5	109	345	10	21	0.3								5g										
AU04476	125.00	126.50	1.5	164	589	14	75	0.3								5g, F2										
AU04477	126.50	128.00	1.5	86.1	24	33	119	0.6								5g										
AU04478	128.00	129.00	1.0	236	23	8	15	0.2								RW										

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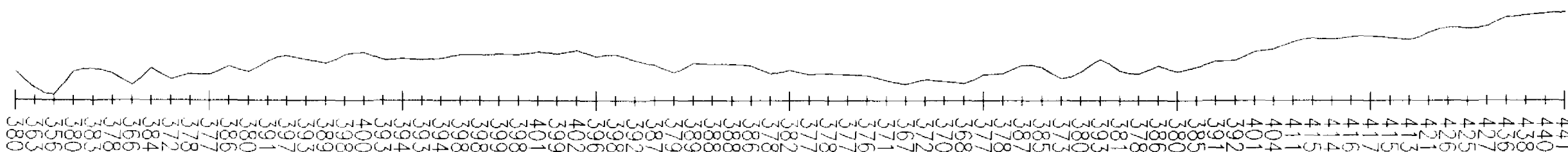
FALCONBRIDGE LIMITED
Exploration Division Timmins ONTARIO

**DIAMOND DRILL SECTION 1+00E
LOOKING NORTH
DDH RE33-02
GRID RE42**

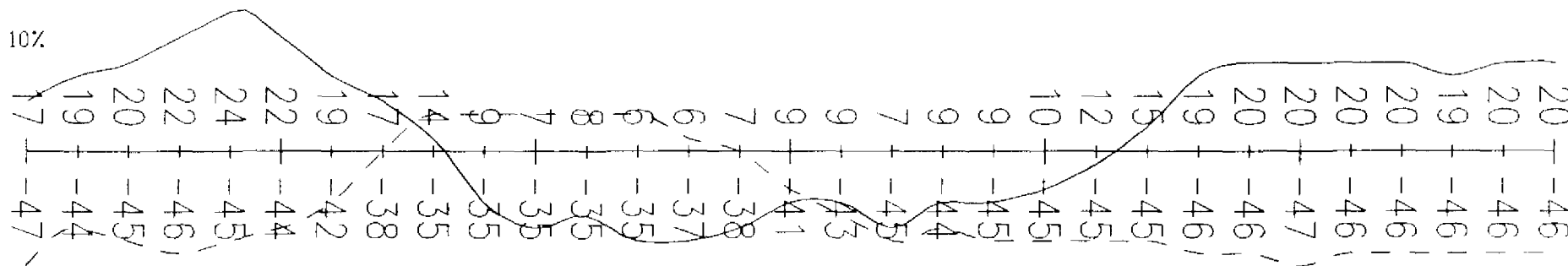
Az 000° REID Twp.
Target Property # JV28 SCALE 1:2,500 (metres)
Project #: 36



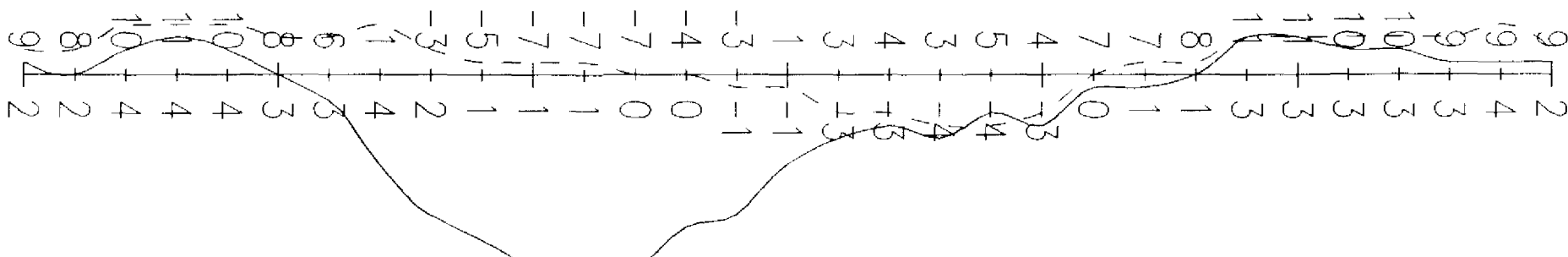
Mag 1cm = 100nT



EM 1777 1cm = 10%



EM 444 1cm = 10%

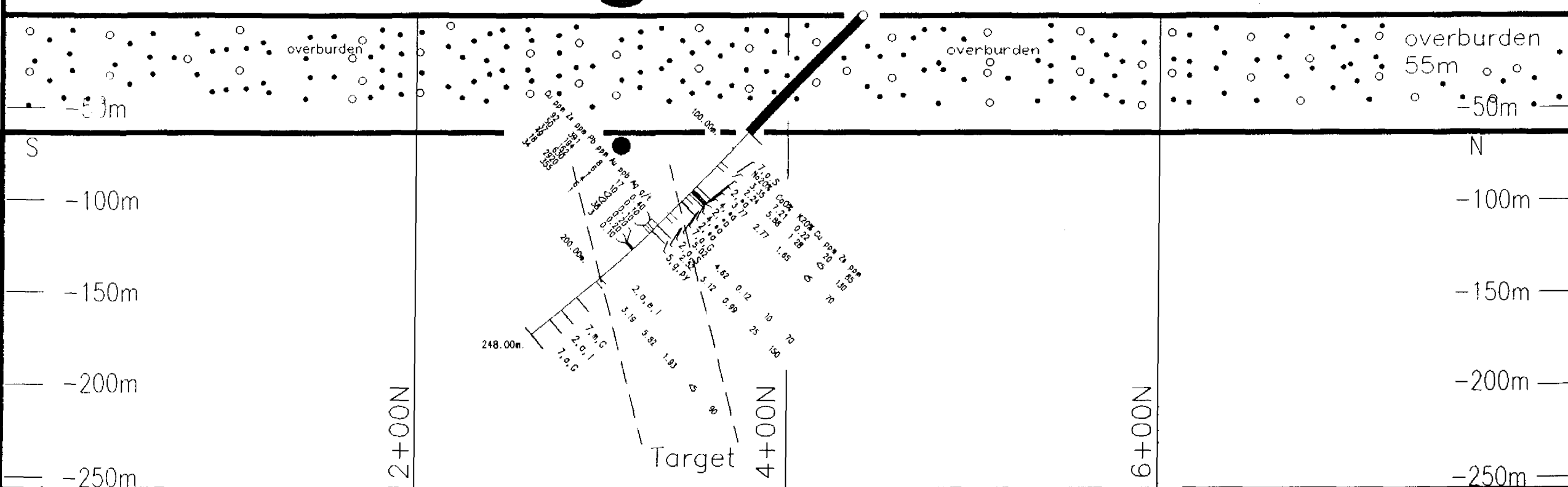


Target Width: 40m
Dip: -70 to -80° North
Depth: 80m
26 mhos
Centre: 3+10 N

RE42-01
Az 180°, Dip: -45°
L 26+00W, 4+40N
458343mE, 5400498mN

L 26+00 W
SURFACE

0m SURFACE



Target Property JV29
SectrEM Target 579

Comments:

KIDD/HBED/EAL JV		GEOCHEM TABLE														RE42-01																						
SAMPL No.	FROM (M)	TO (M)	Fe	SiO2	AL2O3	CaO	MgO	Na2O	K2O	Fe2O3	TiO2	P2O5	MnO	LOI	SUM	Y	Zr	Cu	Zn	Ni	OR	FIELD NAME	CHEM ID	ALUM	CO	PB	S	V	BE	SC	MB	MO	CA/AL	NI/MG	SH/KR	ZN/NA2		
AUX3492	110.00	113.00	3.0	54.12	15.83	7.21	4.79	3.35	0.22	9.91	0.88	0.17	0.15	2.88	90.51	25	100	20	85	40	260	7a	8(h)	147	20	0.03	170	20	0.05	110	5	15	<10	0.53	0.46	8	32	25
AUX3493	128.60	131.00	2.4	56.92	13.81	5.88	4.26	2.24	1.28	8.30	1.01	0.41	0.15	5.46	99.72	25	130	130	85	180	2+o	2(j)yB	147	20	0.05	110	5	15	<10	0.55	0.43	20	41	58				
AUX3494	131.40	132.10	0.7	72.93	14.35	2.77	0.31	3.77	1.65	2.53	0.10	0.02	0.05	1.30	99.78	25	120	<5	70	15	290	4+o	4(h)B	175	<5	0.10	10	<5	<10	0.22	0.19	48	23	19				
AUX3495	137.00	140.00	3.0	57.90	15.75	4.62	3.96	5.02	0.12	8.13	0.84	0.19	0.15	3.04	99.72	25	140	10	70	55	240	7a	8(j)	161	20	0.02	125	<5	15	10	0.54	0.29	14	30	14			
AUX3496	149.00	152.00	3.0	53.34	15.33	5.12	3.98	2.52	0.99	11.28	1.29	0.22	0.25	5.08	99.50	25	100	25	150	50	185	2a	2(h)e	180	30	0.19	215	5	25	<10	0.46	0.33	13	39	60			
AUX3497	200.00	203.00	3.0	59.60	14.08	5.82	2.60	3.19	1.83	7.65	1.13	0.42	0.15	2.86	99.43	25	150	<5	90	15	200	2a	2(j)yB	129	15	0.02	110	5	15	<10	0.45	0.41	6	33	28			

KIDD/HBED/EAL JV		ASSAY TABLE														RE42-01									
SAMPL No.	FROM (M)	TO (M)	Fe	Cu	Zn	Pb	Ni	Ag	Est. Ni	Est. Pb	Est. Py	Est. Sp	Est. G	ROCK T											
AUX4495	158.00	161.00	3.0	92	391	8	64	17	0.4					5g											
AUX4496	161.00	162.50	1.5	50	194	6	82	10	0.1					5g											
AUX4497	162.50	164.00	1.5	37	162	1	34	<2	0.1					5g											
AUX4498	176.00	176.50	0.5	49	630	4	23	<2	0.2					2a											
AUX4499	176.50	176.80	0.3	18	2920	6	5	38	0.2					2a											
AUX4500	176.80	177.30	0.5	34	355	1	40	3	0.1					2a											

FALCONBRIDGE LIMITED

Exploration Division Timmins ONTARIO

DIAMOND DRILL SECTION 26+00W
LOOKING WEST
DDH RE42-01
GRID RE42

Az 180° Reid Twp.

Target Property #: JV29 SCALE 1:2,500 (metres)

Project #: 036 0 80 160 240 320

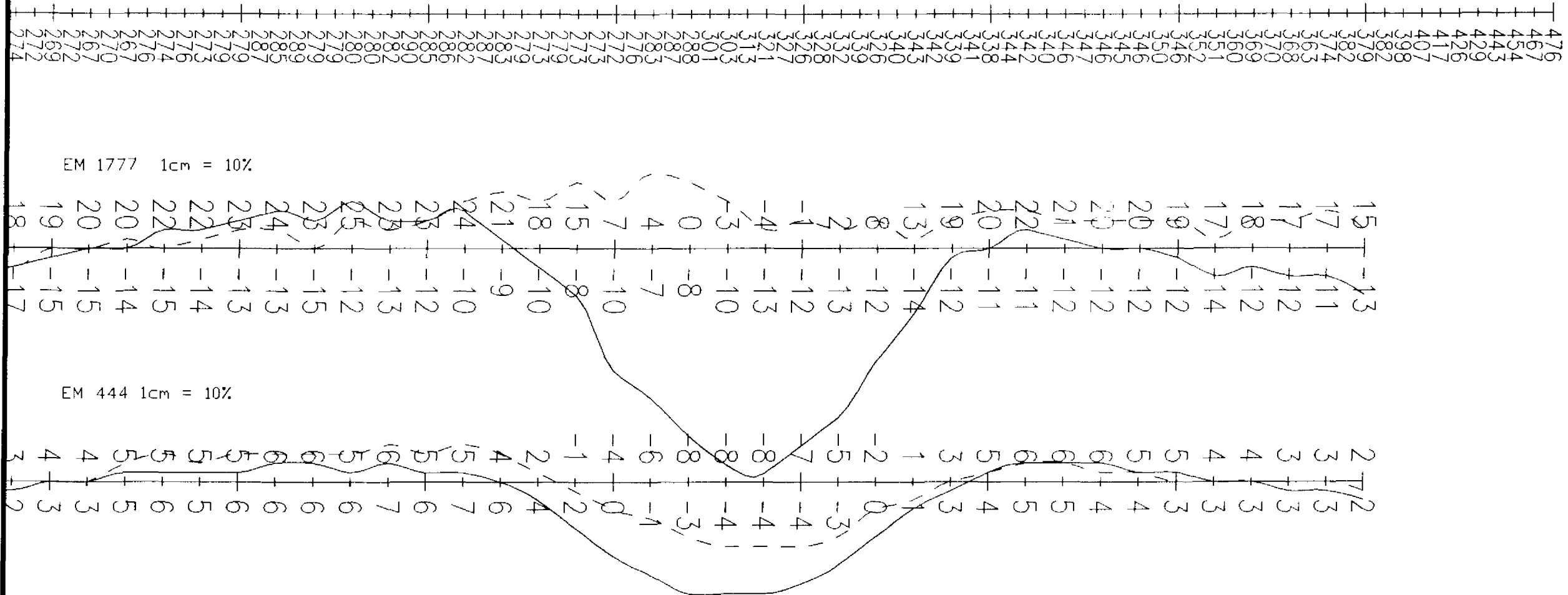


42A14SW2005 2.19500 REID 260

Mag 1cm = 100nT

EM 1777 1cm = 10%

EM 444 1cm = 10%

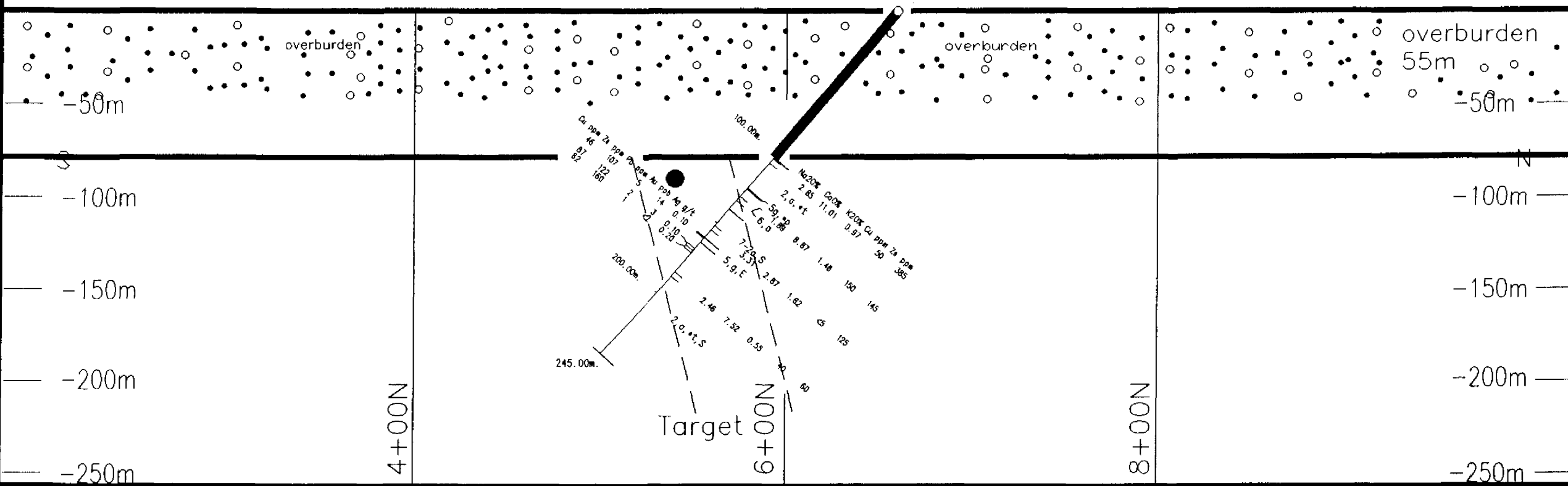


Target Width: 50m
 Dip: -70 to -80° North
 Depth: 65m
 21 mhos
 Centre: 5+40 N

RE42-02
 Az 180°, Dip: -45°
 L 33+00W, 6+60N
 457640mE, 5400530mN

L 33+00 W
 SURFACE

0m SURFACE



Target Property JV29
 SectrEM Target 579

Comments:

KIDD/HBED/EAL JV		GEOCHEM TABLE																				RE42-02														
SAMPL. No.	FROM (M)	TO (M)	Fe	SiO2	AL2O3	CaO	MgO	Na2O	K2O	FE2O3	TiO2	P2O5	MnO	LOI	SUM	Y	ZR	CU	ZN	NI	CR	FIELD NAME	CHEM ID	ALUM	CO	PB	S	V	BE	SC	MB	MG0	CA/AL	NI/MG0	SHIKW	ZN/NA2
AUD3498	104.00	107.00	3.0	49.12	13.34	11.01	2.17	2.85	0.97	6.31	1.10	0.18	0.23	10.55	99.83	20	90	50	385	30	75	2a	2(h)+1	90	20	0.07	175	5	20	<10	0.38	0.83	14	18	135	
AUD3499	131.00	134.00	3.0	47.64	12.51	8.87	5.34	1.89	1.46	17.27	2.00	0.27	0.29	1.99	99.53	40	150	150	145	45	120	7a	7(h)+8	102	40	0.21	370	5	30	10	0.42	0.71	8	39	77	
AUD4701	152.00	155.00	3.0	57.77	16.00	2.87	3.01	3.31	1.62	9.70	1.00	0.28	0.12	4.33	99.51	30	160	<5	125	15	80	7a	7(j)+	205	15	0.03	130	5	15	<10	0.44	0.18	5	43	38	
AUD4702	185.00	188.00	3.0	51.94	15.39	7.52	4.82	2.46	0.55	10.57	1.01	0.15	0.13	5.89	99.83	20	90	40	80	75	180	2a	2(h)+	181	30	0.96	200	5	25	<10	0.52	0.44	16	35	24	

KIDD/HBED/EAL JV		ASSAY TABLE										RE42-02			
SAMPL. No.	FROM (M)	TO (M)	Fe	Cu	Zn	Pb	Ni	Au	Ag	Est. Ni	Est. Po	Est. Py	Est. Sp	Est. G	ROCK T
AUD4501	160.40	161.00	0.6	46	107	5	46	14	0.1						5E
AUD4502	168.50	170.00	1.5	87	122	7	78	3	0.1						2a
AUD4503	170.00	171.50	1.5	82	160	7	86	<2	0.2						2a

FALCONBRIDGE LIMITED
 Exploration Division Timmins ONTARIO

**DIAMOND DRILL SECTION 33+00W
 LOOKING WEST
 DDH RE42-02
 GRID RE42**

Az 180° Reid Twp.

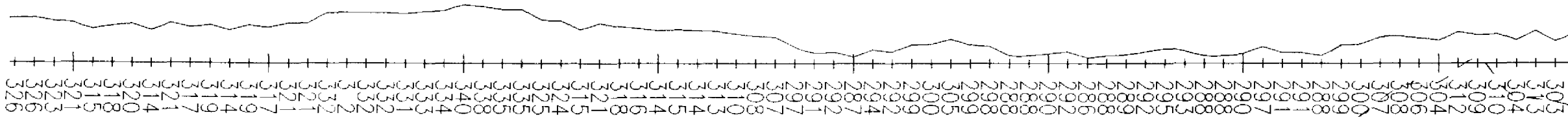
Target Property #: JV29
 Project #: 036

SCALE 1:5,000 (metres)

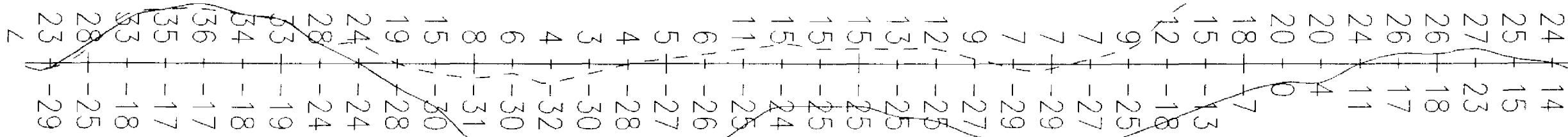
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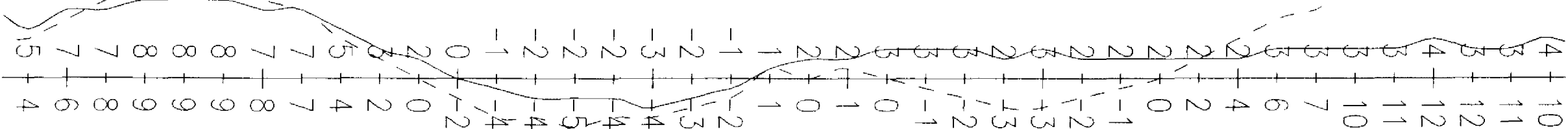
Mag 1cm = 100nT



EM 1777 1cm = 20%



EM 444 1cm = 10%

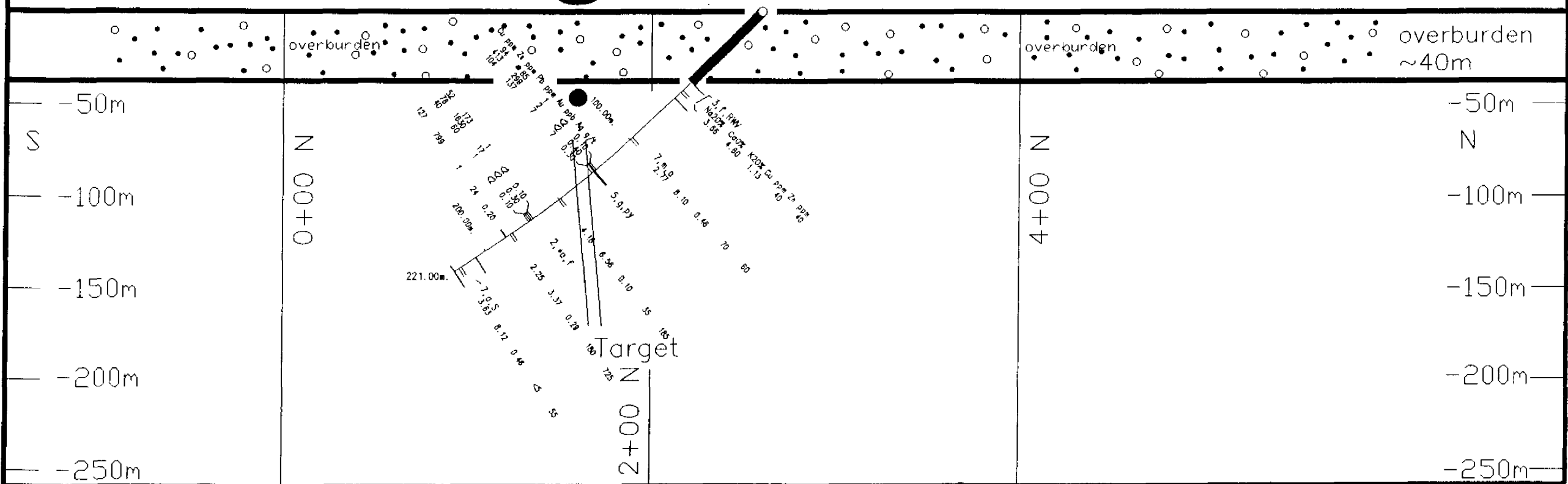


Target Width: Narrow
 Dip: -80° North
 Depth: 60m
 9 mhos
 Centre: L18+00W, 1+60N

RE43-01
 Az 180°, Dip: -45°
 L 18+00 W, 2+60 N
 459150mE, 5400300mN

0m SURFACE ELEVATION

L 18+00 W



Target Property #JV28
 SectrEM Target #580

Comments:

KIDD/HBED/EAL JV GEOCHEM TABLE RE43-01																																				
SAMPL. No.	FROM (M)	TO (M)	Int (M)	SiO2 %	AL2O3 %	CaO %	MgO %	Na2O %	K2O %	FE2O3 %	TiO2 %	P2O5 %	MNO %	LOI %	SUM %	Y PPM	ZR PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM PPM	CO PPM	PB PPM	S PPM	V PPM	BE PPM	SC PPM	NB PPM	MSO#	CA/AL	NI/MO	ISHI#	Zn/NA2
AU03469	60.50	82.00	1.5	68.29	13.57	4.60	0.88	3.66	1.13	5.35	0.70	0.15	0.09	1.16	98.60	30	210	40	40	10	168	3, f	3(j)	145	10	0.04	35	5	10	<10	0.28	0.34	11	20	11	
AU03470	98.00	99.50	1.5	50.97	14.05	8.10	5.08	2.77	0.46	13.68	1.75	0.20	0.19	2.48	99.73	25	100	70	60	30	65	7, a	7(b)v	124	30	0.34	360	10	25	10	0.47	0.58	6	34	22	
AU03471	149.00	150.50	1.5	57.14	16.51	6.56	4.17	4.18	0.10	7.65	0.69	0.11	0.14	2.60	99.85	20	130	35	185	50	185	2, +	3(j)	152	20	0.03	130	5	15	<10	0.56	0.40	12	28	44	
AU03472	182.00	183.50	1.5	58.43	13.45	3.37	4.96	2.25	0.29	11.54	0.55	0.15	0.19	3.49	99.67	35	230	180	725	15	85	3-2, f	2(j)v	228	10	1.28	45	5	10	<10	0.51	0.25	3	48	322	
AU03473	216.50	218.00	1.5	48.85	15.54	8.12	5.03	3.63	0.46	11.82	1.29	0.11	0.16	5.84	99.85	15	60	<5	55	65	105	7, a	7(b)v	127	25	0.03	240	5	20	<10	0.55	0.52	11	36	15	

KIDD/HBED/EAL JV ASSAY TABLE RE43-01																
SAMPL. No.	FROM (M)	TO (M)	Int (M)	Cu ppa	Zn ppa	Pb ppa	NI ppa	Au ppa	Ag ppa	Est. Ni %	Est. Po %	Est. Py %	Est. Cp %	Est. Sp %	Est. Ca %	ROCK T
AU04461	124.00	125.00	1.0	94	85	1	42	0.1								7a
AU04462	125.00	125.60	0.6	413	299	2	123	<2								9g
AU04463	125.60	127.00	1.4	104	137	7	37	7								2+u
AU04464	168.00	169.00	1.0	52	373	1	15	<2								3-2, f
AU04465	169.00	170.00	1.0	78	1630	17	9	<2								3-2, f
AU04466	170.00	171.00	1.0	40	60	1	15	<2								3-2, f
AU04467	186.00	186.50	0.5	127	799	1	10	24								3-2, f

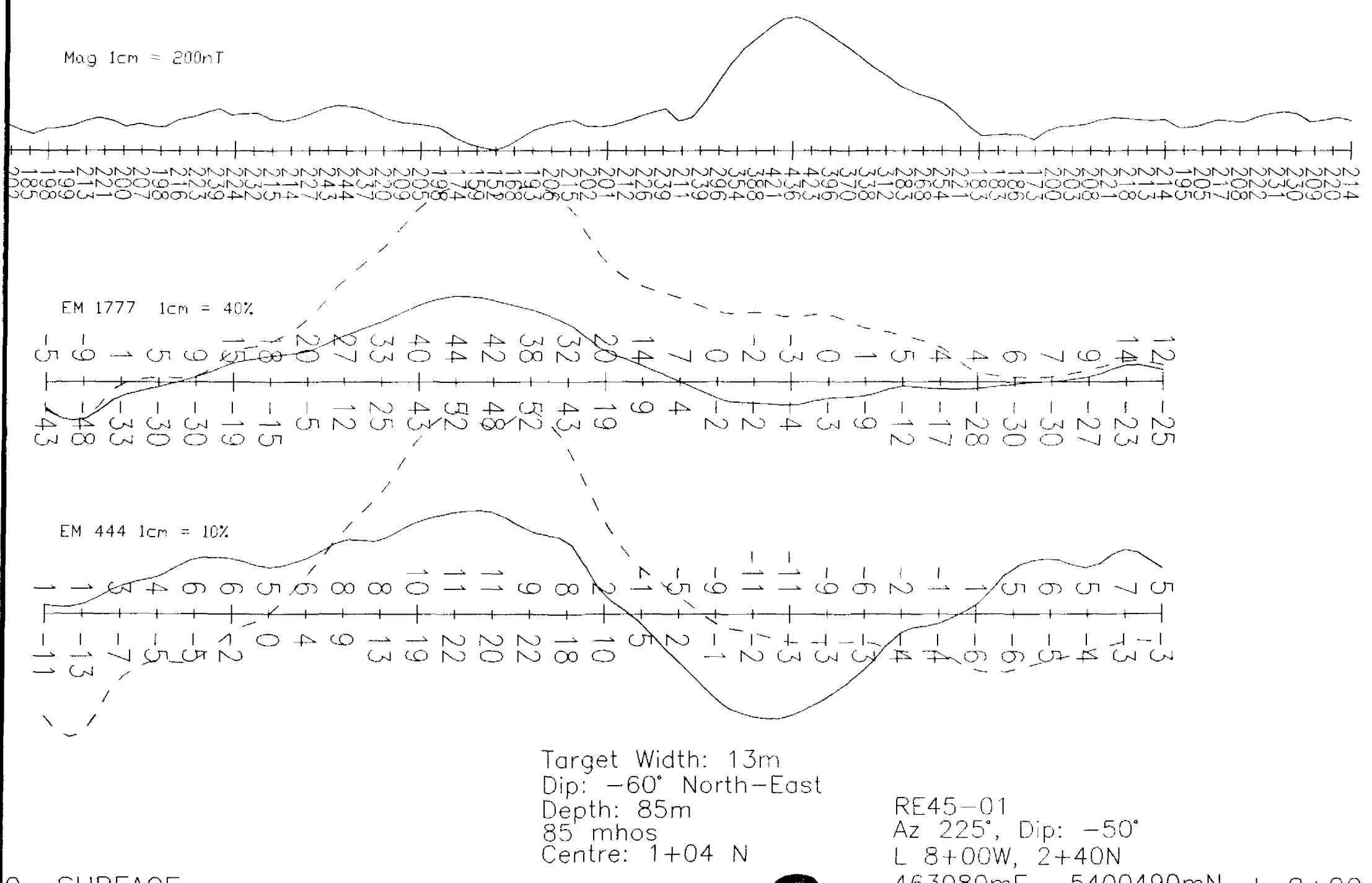
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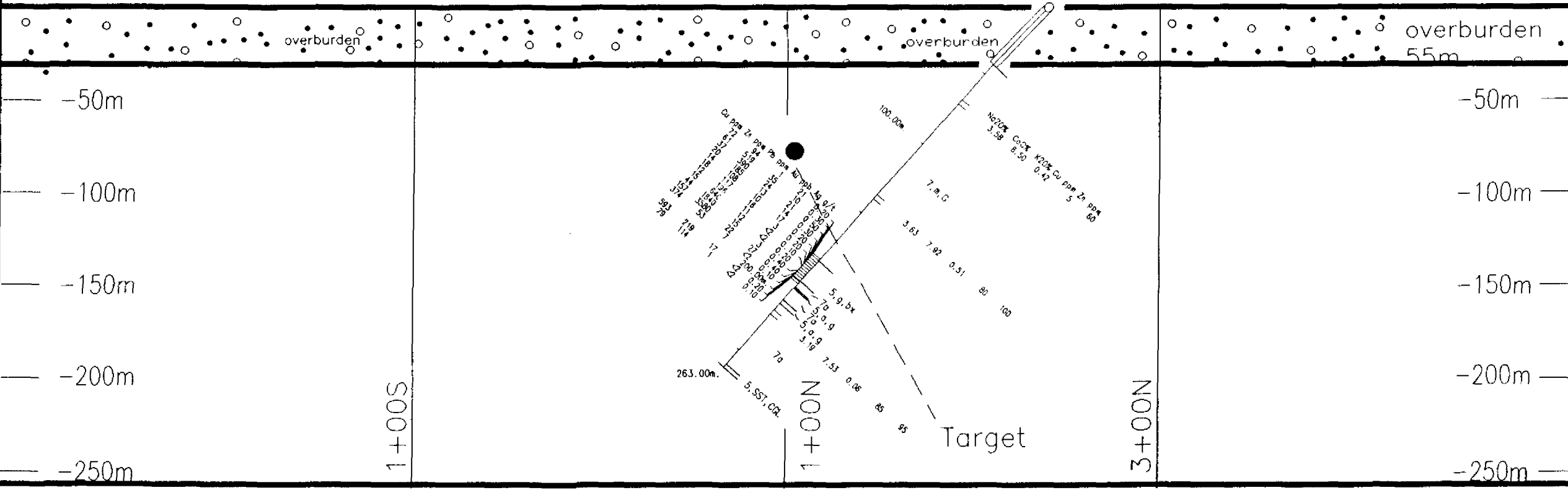
FALCONBRIDGE LIMITED
 Exploration Division Timmins ONTARIO

**DIAMOND DRILL SECTION 180+00W
 LOOKING WEST
 DDH RE43-01
 GRID RE42**

Az 270° REID Twp.
 Target Property #: JV28 SCALE 1:2,500 (metres)
 Project #: 36



0m SURFACE RE45-01 Az 225°, Dip: -50° L 8+00W, 2+40N 463080mE, 5400490mN L 8+00 W SURFACE



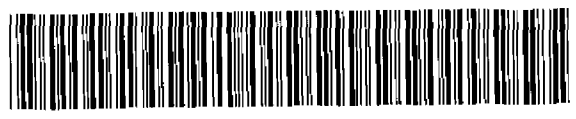
Target Property JV27
SectrEM Target 585

Comments:

KIDD/HBED/EAL JV GEOCHEM TABLE RE45-01																																				
SAMPL No.	FROM (M)	TO (M)	lat (M)	SI02 %	AL2O3 %	CaO %	MgO %	NA2O %	K2O %	FE2O3 %	TiO2 %	P2O5 %	MNO %	LOI %	SUM %	Y PPM	ZR PPM	CU PPM	ZN PPM	NI PPM	CR PPM	FIELD NAME	CHEM ID	ALUM	CO PPM	FB PPM	S PPM	V PPM	SE PPM	SC PPM	NR PPM	MOOY	CA/AL	NI/MO	ISHI/W	ZN/NA2
AK04715	68.00	71.00	3.0	56.32	17.64	8.50	5.45	3.58	0.42	9.72	1.02	0.16	0.12	2.73	99.68	20	100	5	60	95	245	7a	7(j)w	141.30		0.01	155	5	20	10	0.57	0.48	17	33	17	
AK04716	137.00	140.00	3.0	52.29	14.84	7.92	5.36	3.63	0.51	11.57	1.18	0.18	0.18	2.03	99.89	25	120	80	100	75	165	7a	7(h)v	123.30		0.02	185	5	25	10	0.52	0.53	14	34	28	
AK04717	221.00	224.00	3.0	52.27	15.66	7.53	5.83	3.19	0.06	11.02	1.09	0.17	0.13	2.92	99.87	25	120	85	95	85	105	7a	7(h)w	145.30		0.02	185	5	20	10	0.56	0.48	15	35	30	

KIDD/HBED/EAL JV ASSAY TABLE RE45-01															
SAMPL No.	FROM (M)	TO (M)	lat (M)	Cl ₂ ppm	Zn ppm	Pb ppm	Ni ppm	Au ppm	Ag ppm	Est. Ni %	Est. Pb %	Est. Py %	Est. Co %	Est. S %	ROCK T
AK04534	183.50	184.70	1.2	72	94	1	78	21	0.2						7a
AK04535	184.70	186.50	1.8	61	519	35	48	10	0.3						5a
AK04536	186.50	188.00	1.5	37	390	24	35	21	0.5						5a, bx
AK04537	188.00	189.50	1.5	20	185	13	20	14	0.3						5a, cp
AK04538	189.50	191.00	1.5	14	108	10	18	17	0.2						5a
AK04539	191.00	192.50	1.5	18	117	16	18	3	0.2						5a, cp
AK04540	192.50	194.00	1.5	12	198	11	17	2	0.1						5a, cp
AK04541	194.00	195.50	1.5	15	640	12	13	2	0.2						5a, bx
AK04542	195.50	197.00	1.5	44	1840	15	10	3	0.4						5a, bx
AK04543	197.00	198.50	1.5	157	3560	22	8	27	0.4						5a
AK04544	198.50	200.00	1.5	174	53	7	43	8	0.1						5a
AK04545	200.00	200.50	0.5	593	219	17	92	2	0.2						7a, FZ
AK04546	200.50	202.00	1.5	79	114	1	60	2	0.1						7a

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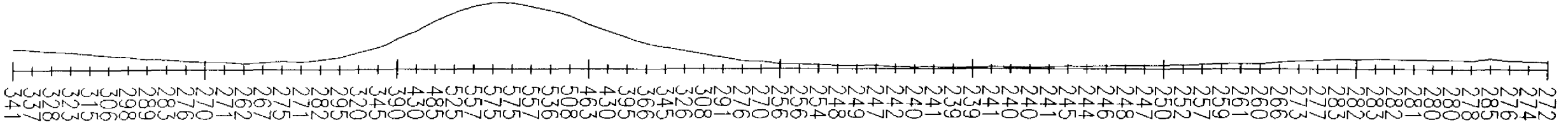
**DIAMOND DRILL SECTION 8+00W
LOOKING NORTH-WEST
DDH RE45-01
GRID RE45**

Az 225° REID Twp.

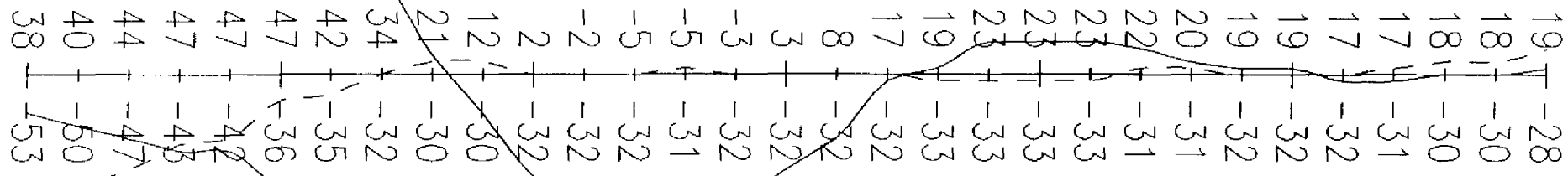
Target Property #: JV27 Project #: 036

SCALE 1:2,500 (metres)

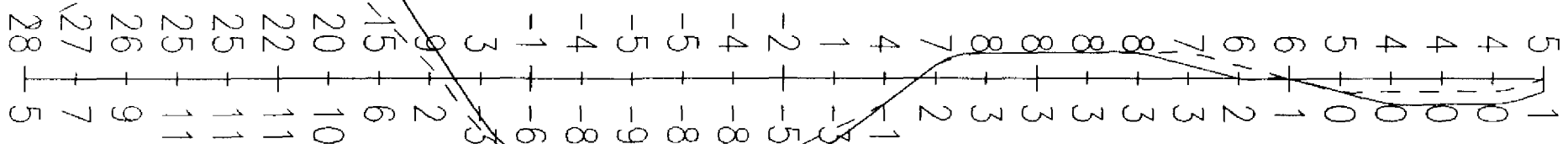
Mag 1cm = 500nT



EM 1777 1cm = 20%



EM 444 1cm = 10%



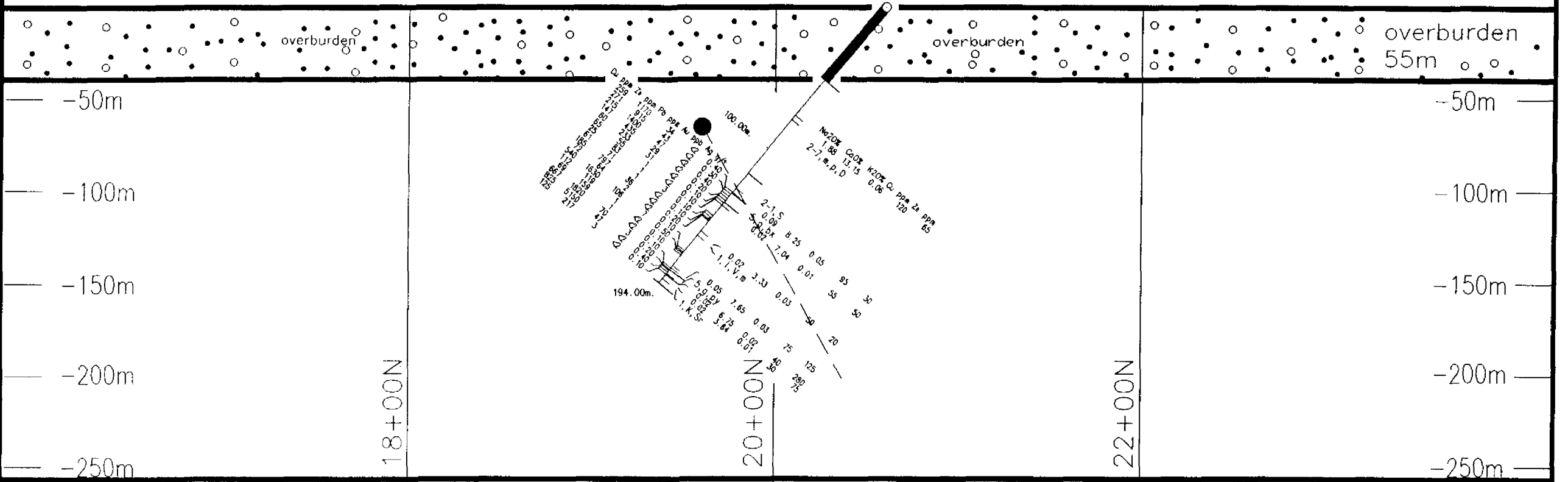
Target Width: Narrow
Dip: 50-75° North
Depth: 65m
13 mhos
Centre: 19+60 N

Target #577

RE52-01
Az 180°, Dip: -50°
L 21+00W, 20+60N
458830mE, 5402120mN

0m SURFACE

L 21+00W SURFACE



Target Property JV31
SectrEM Target 577

Comments:

KIDD/HBED/EAL JV		GEOCHEM TABLE														RE52-01																				
SAMP. No.	FROM (M)	TO (M)	Int (M)	SiO2	AL2O3	CaO	MgO	Na2O	K2O	FE2O3	TiO2	P2O5	MNO	LOI	SUM	Y	Zr	Cu	Zn	Ni	CR	FIELD NAME	CHEM ID	ALUM	CO	PB	S	V	BE	SC	NB	MOO	CA/AL	NI/MO	(SHIM)	Zn/MA2
AU03485	77.00	80.00	3.0	46.71	15.90	13.15	5.82	1.88	0.06	12.07	1.00	0.10	0.19	2.58	99.47	20	50	120	65	80	340	20	20w	105.35		0.12	240	5	30	<10	0.53	0.83	14	28	35	
AU03486	128.00	131.00	3.0	44.05	7.97	8.25	21.03	0.09	0.05	12.18	0.41	0.06	0.17	6.30	99.56	10	20	65	30	645	2020	1-20	1J	95.50		0.03	135	<5	20	<10	0.82	1.04	31	72	333	
AU03487	158.00	161.00	3.0	43.45	7.04	7.04	24.28	0.02	0.01	10.21	0.36	0.04	0.17	6.25	99.37	10	20	55	50	870	2145	1V	1J	100.55		1.28	120	<5	20	<10	0.86	1.00	36	77	2500	
AU03488	158.00	161.00	3.0	41.20	7.04	3.33	27.91	0.02	0.03	10.91	0.40	0.06	0.12	8.41	99.43	10	20	50	20	925	2380	10	1J	208.55		0.68	120	<5	20	<10	0.86	0.47	33	89	1000	
AU03489	182.00	183.50	1.5	43.75	7.52	7.65	21.50	0.05	0.03	12.04	0.40	0.06	0.22	5.62	99.25	10	20	75	125	700	2080	1V	1J	102.50		0.43	135	<5	20	<10	0.81	0.97	33	74	2500	
AU03490	187.30	187.40	0.1	51.63	8.02	6.75	19.39	0.02	0.02	18.80	0.39	0.07	0.17	14.18	95.44	15	30	40	280	660	1785	5-1,9	5I	118.45		1.31	120	<5	15	<10	0.71	0.84	34	74	14000	
AU03491	188.00	191.00	3.0	43.86	6.20	13.64	28.17	0.02	0.01	9.17	0.35	0.04	0.12	7.93	99.51	5	20	30	275	260	1880	16.5	1L	169.40		0.95	125	<5	20	<10	0.89	0.59	27	89	3750	

KIDD/HBED/EAL JV		ASSAY TABLE										RE52-01									
SAMP. No.	FROM (M)	TO (M)	Int (M)	Cu	Zn	Pb	Ni	Al	Ag	Est. Ni	Est. Pb	Est. Py	Est. Co	Est. Sp	Est. Ga	ROCK T					
AU04479	131.00	132.50	1.5	259	1170	34	636	0	0							0.4					
AU04480	132.50	134.00	1.5	271	915	43	635	0	0							0.3					
AU04481	134.00	135.50	1.5	215	1400	47	626	0	0							0.4					
AU04482	135.50	137.00	1.5	147	435	29	1110	0	0							0.2					
AU04483	137.00	138.50	1.5	60	233	51	742	0	0							0.1					
AU04484	138.50	140.00	1.5	55	1	1060	0	0	0							0.1					
AU04485	147.50	149.00	1.5	25	83	1	1620	0	0							0.1					
AU04486	149.00	150.50	1.5	61	71	1	1480	0	0							0.1					
AU04487	150.50	151.30	0.8	185	797	26	783	0	0							0.2					
AU04488	171.90	172.90	1.0	72	64	2	1210	0	0							0.1					
AU04489	172.90	173.90	1.0	540	1630	106	445	0	0							0.5					
AU04490	173.90	174.90	1.0	112	119	1	1200	0	0							0.1					
AU04491	183.60	184.60	1.0	69	159	1	830	0	0							0.1					
AU04492	184.60	185.30	0.7	867	1620	70	464	0	0							0.2					
AU04493	185.30	186.50	1.2	823	5150	47	633	0	0							0.4					
AU04494	186.50	188.00	1.5	125	217	1	1030	0	0							0.1					

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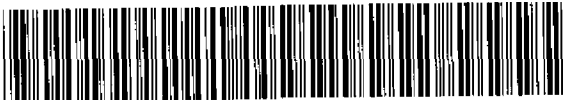
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**DIAMOND DRILL SECTION 21+00 W
LOOKING WEST**

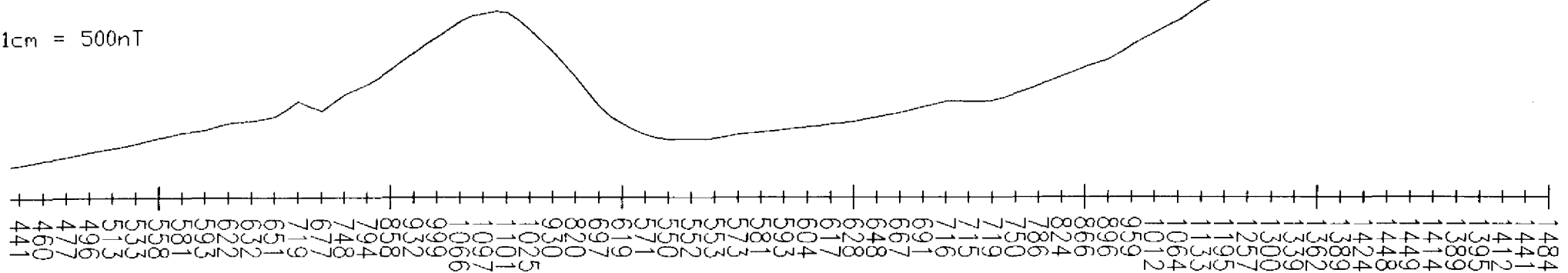
**DDH RE52-01
GRID RE52**

Az 180° REID Twp.

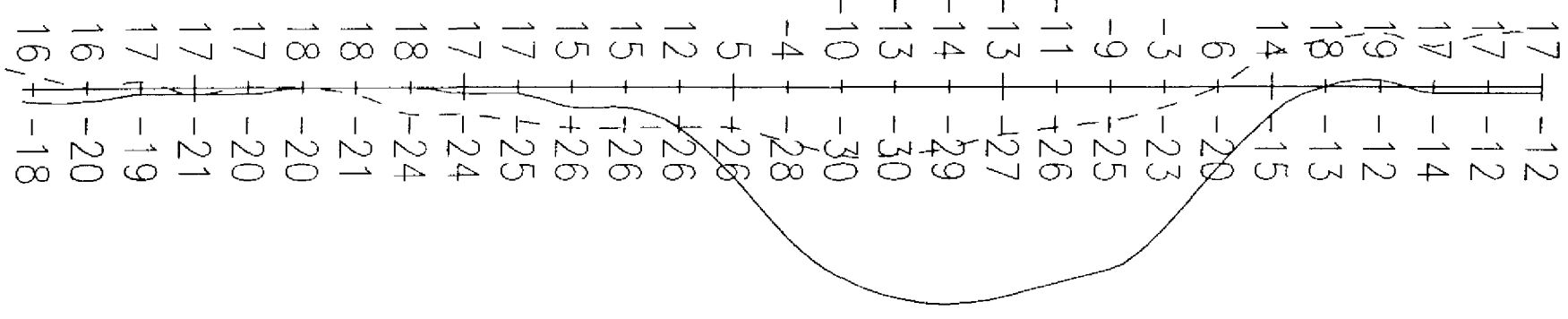
Target Property #: JV31 SCALE 1:2500 (metres)
Project #: 036



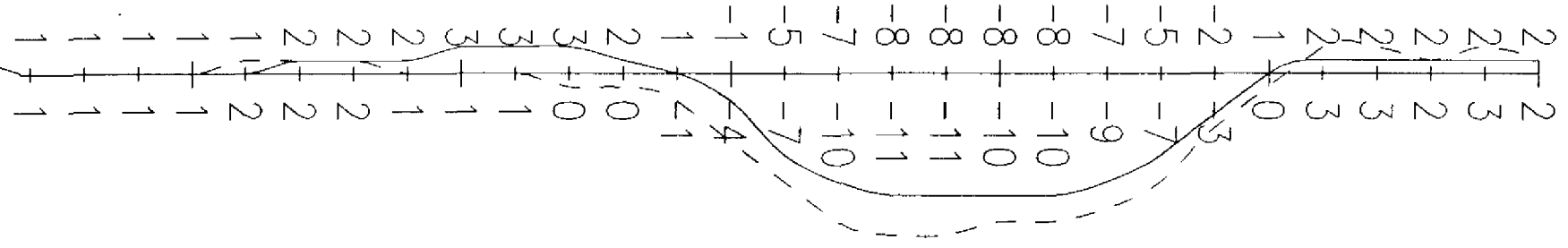
Mag 1cm = 500nT



EM 1777 1cm = 20%



EM 444 1cm = 10%



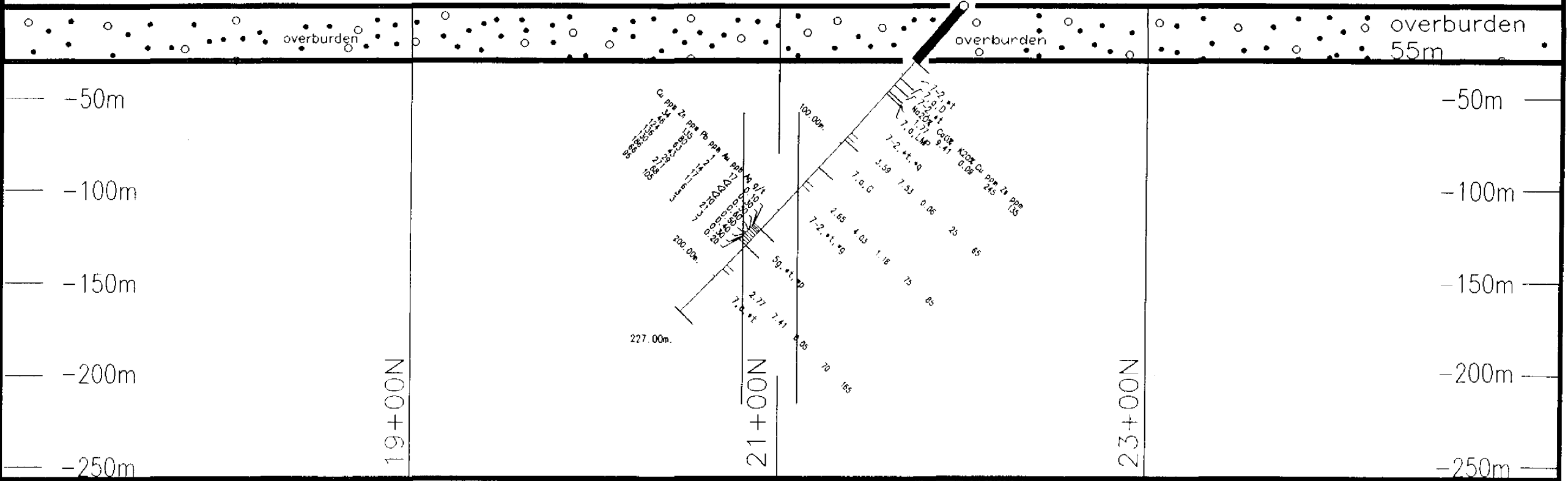
Target Width: 30m
Dip: Steep
Depth: 50m
7 mhos
Centre: 20+95 N

Target #576

RE52-02
Az 180°, Dip: -45°
L 32+00W, 22+00N
457750mE, 5402260mN

0m SURFACE

L 32+00W SURFACE



Target Property AQ25, PN 421
SectrEM Target 567

Comments:

KIDD/HBED/EAL JV		GEOCHEM TABLE															RE52-02																			
SAMPL No.	FROM (M)	TO (M)	wt (M)	SiO2 %	Al2O3 %	CaO %	MgO %	Na2O %	K2O %	Fe2O3 %	TiO2 %	P2O5 %	MnO %	LOI %	SUM %	Y PPM	Zr PPM	Cu PPM	Zn PPM	Ni PPM	Co PPM	FIELD NAME	CHEM ID	ALIM	DC PPM	PR PPM	S PPM	V PPM	RE PPM	SC PPM	NE PPM	MEQ	CA/AL	HI/AL	ISHIKI	ZN/NA2
A004703	61.50	63.30	1.8	50.04	12.12	9.41	5.25	1.77	0.09	17.05	1.47	0.17	0.25	2.23	99.85	30	90	245	135	65	215	72.LMP	7hv	138	40		0.17	335	5	30	10	0.42	0.78	12	32	76
A004704	92.30	95.00	3.0	55.25	14.04	7.53	4.28	1.59	0.06	8.06	0.80	0.15	0.12	5.87	99.75	110	25	85	80	250	7-2	+R(1)	138	20		0.03	145	<5	20	<10	0.56	0.54	14	28	18	
A004705	128.00	131.00	3.0	59.17	15.45	4.03	2.15	2.65	1.16	7.25	0.86	0.18	0.08	6.44	99.42	20	150	75	85	50	80	7-2	+R1	157	20		0.28	115	5	15	10	0.41	0.25	14	33	32
A004706	191.00	194.00	3.0	49.87	13.27	7.41	5.06	2.77	0.05	11.92	0.84	0.11	0.19	8.41	99.90	15	160	70	165	25	50	7-a	7(h)+1	130	30		0.07	210	<5	25	<10	0.50	0.56	5	33	60

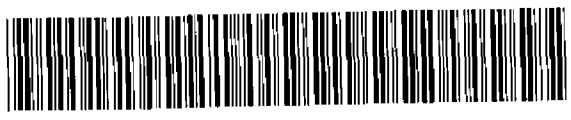
KIDD/HBED/EAL JV		ASSAY TABLE										RE52-02									
SAMPL No.	FROM (M)	TO (M)	wt (M)	Cu ppm	Zn ppm	Pb ppm	Ni ppm	Ag ppm	Au ppm	Est. Ni %	Est. Pb %	Est. Py %	Est. Co %	Est. Se %	Est. Ga %	ROOM T					
A004504	164.00	165.00	1.0	34	155	1	26	17	0.1							FZ, Sg					
A004505	165.00	166.00	1.0	46	80	2	36	2	0.3							FZ, Sg					
A004506	167.00	168.50	1.5	124	63	14	71	2	0.5							FZ, Sg					
A004507	168.50	170.00	1.5	136	43	17	58	2	0.6							FZ, Sg					
A004508	170.00	171.50	1.5	130	28	11	55	10	0.5							FZ, Sg					
A004509	171.50	173.00	1.5	186	271	6	111	21	0.4							FZ, Sg					
A004510	173.00	174.50	1.5	66	68	3	45	3	0.3							FZ, Sg					
A004511	174.50	176.00	1.5	96	105	3	50	7	0.2							FZ, Sg					

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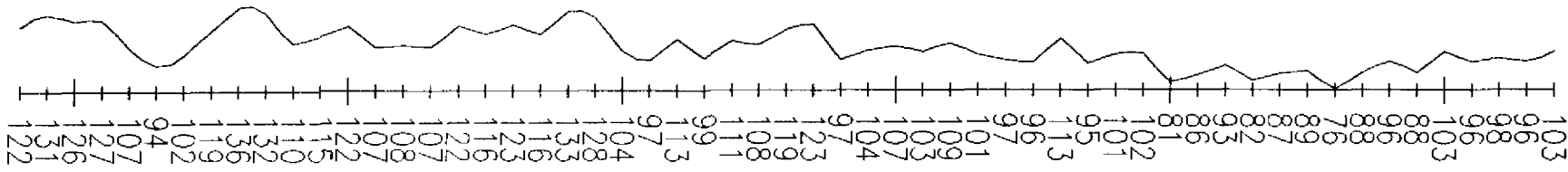
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**DIAMOND DRILL SECTION 32+00W
LOOKING WEST
DDH RE52-02
GRID RE52**

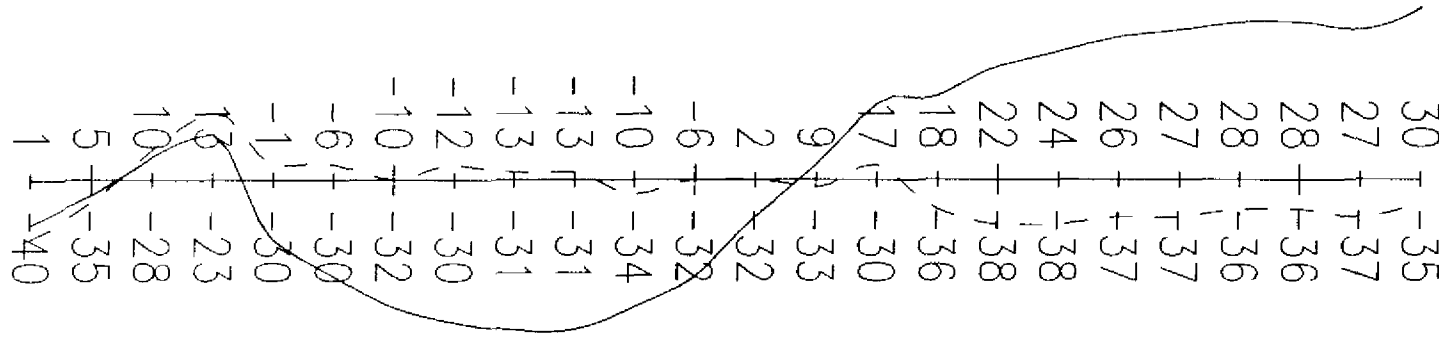
Az 180° REID Twp.
Target Property # A025 SCALE 1:2,500 (metres)
Project # 421



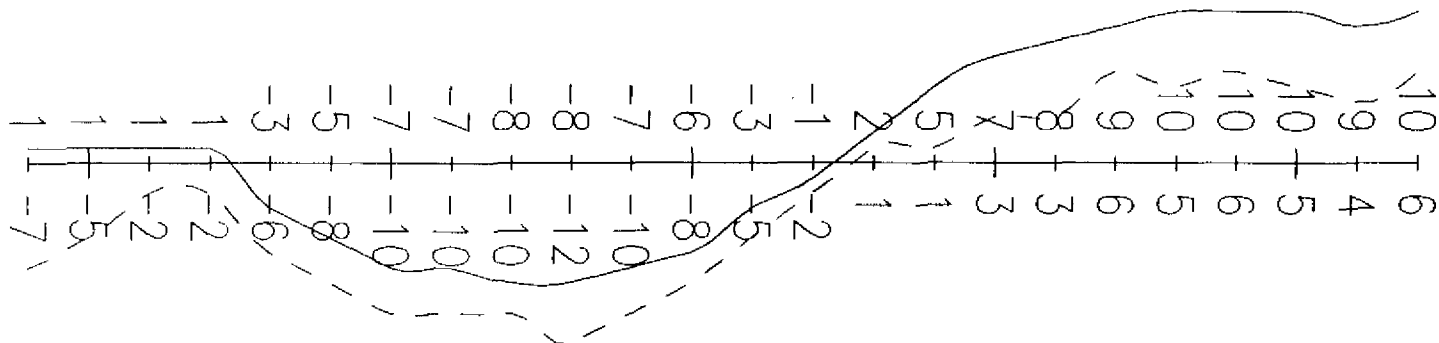
Mag 1cm = 100nT



EM 1777 1cm = 20%



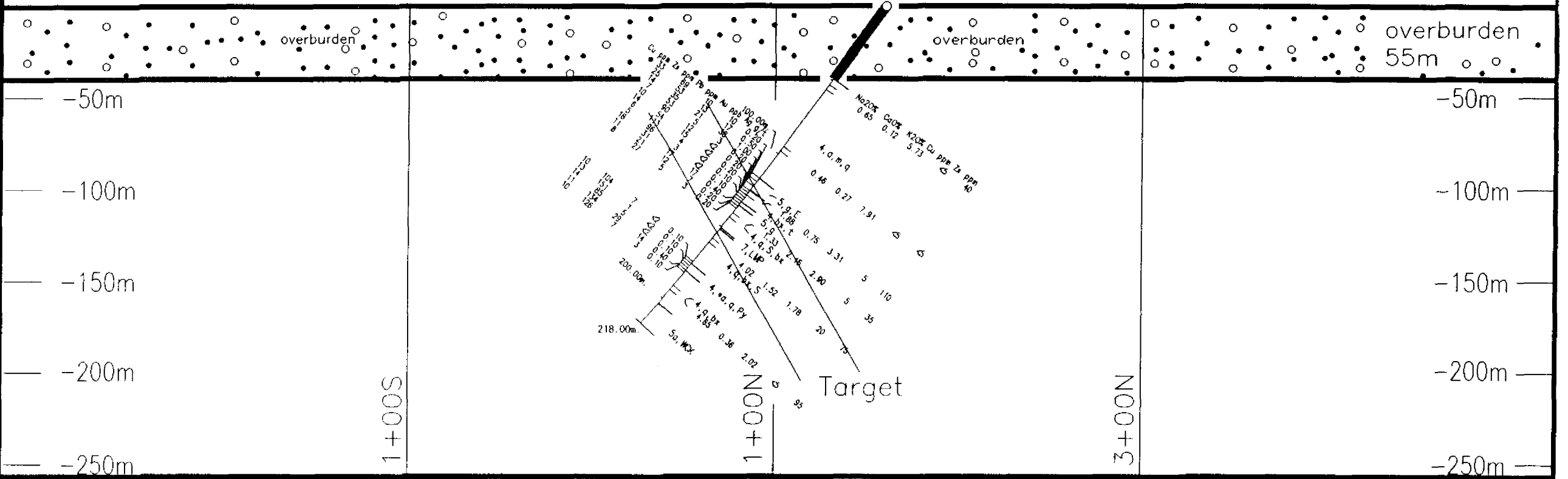
EM 444 1cm = 10%



Target Width: 20m
Dip: -60° North
Depth: 60m
10 mhos
Centre: 0+50 N

RE65-01
Az 180°, Dip: -55°
L 0+00E, 1+60N
463470mE, 5404410mN L 0+00 SURFACE

0m SURFACE



Target Property JV26, PN 416
SectrEM Target 567

Comments:

KIDD/HBED/EAL JV															GEOCHEM TABLE										RE65-01											
SAMPL. No.	FROM (M)	TO (M)	Int (M)	SI02	AL2O3	CAO	MGO	NA2O	K2O	FE2O3	TIO2	P2O5	MNO	LOI	SUM	Y	ZR	CU	ZN	NI	CR	FIELD NAME	QEM ID	ALUM	CO	FB	S	V	BE	SC	NR	MGF	CA/L	NI/MG	ISHIRW	ZN/AN?
A04709	53.00	56.00	3.0	77.83	11.96	0.12	0.16	0.65	5.73	1.51	0.14	0.01	0.03	1.31	99.45	55	240	<5	40	30	340	40.m.q	4(N)B	184	<5		<0.01	15	<5	5	<10	0.20	0.01	62	88	62
A04710	95.00	98.00	3.0	77.19	11.15	0.27	0.18	0.45	7.91	1.26	0.13	0.01	0.03	0.86	96.45	40	200	<5	20	780	40.m.q	4(N)B	129	10		<0.01	30	<5	5	10	0.25	0.02	111	92	11	
A04711	125.00	128.00	3.0	74.91	12.87	0.75	0.87	1.88	5.31	2.24	0.18	0.02	0.03	2.63	99.69	45	230	5	110	5	185	4.b.v.s	4(L)B	217	5		0.45	20	<5	5	10	0.48	0.06	6	61	59
A04712	140.00	143.00	3.0	77.32	10.80	2.16	0.33	1.33	2.80	1.50	0.14	0.01	0.05	2.93	99.47	40	190	5	35	45	270	4.b.v.s	4(A)B	189	5		0.04	20	<5	5	10	0.34	0.30	136	48	76
A04713	158.00	161.00	3.0	76.15	12.00	1.52	0.43	4.02	1.78	1.44	0.15	0.03	0.03	2.21	99.74	65	190	20	75	10	200	4q	4b2	164	5		0.02	10	<5	5	10	0.41	0.13	23	29	19
A04714	191.00	194.00	3.0	74.02	14.78	0.38	0.67	4.65	7.02	1.70	0.17	0.02	0.02	1.42	99.83	70	240	<5	95	5	190	6q	4(b)2	210	<5		<0.01	10	<5	5	10	0.48	0.02	7	35	20

KIDD/HBED/EAL JV															ASSAY TABLE										RE65-01									
SAMPL. No.	FROM (M)	TO (M)	Int (M)	Cu	Zn	Pb	NI	Au	Ag	Est. N	Est. Po	Est. Py	Est. Cp	Est. Sp	Est. G	POCK I																		
A04518	116.50	119.00	2.5	33	69	10	53	30	0.2							5g 1.5																		
A04519	119.00	122.00	3.0	25	53	13	33	17	0.5							5g 1.5																		
A04520	122.00	125.00	3.0	14	35	21	22	38	1.0							5g 1.5																		
A04521	125.00	128.00	3.0	7	53	5	10	3	0.2							4b2																		
A04522	128.00	128.00	1.5	10	90	12	10	12	0.2							4b2																		
A04523	128.00	129.50	1.5	14	54	15	7	12	0.2							4b2																		
A04524	129.50	131.00	1.5	6	113	4	10	12	0.1							4b2																		
A04525	131.00	132.40	1.4	5	96	3	12	12	0.1							4b2																		
A04526	132.40	134.00	1.6	18	31	17	33	13	0.4							5g																		
A04527	134.00	135.50	1.5	11	21	12	23	3	0.2							3-4 co																		
A04528	135.50	137.00	1.5	8	27	6	5	3	0.2							4q, 4b																		
A04529	174.50	176.00	1.5	10	104	7	4	12	0.1							4q																		
A04530	176.00	177.50	1.5	13	151	1	17	12	0.1							4q2																		
A04531	177.50	179.00	1.5	14	85	5	12	12	0.1							4q2																		
A04532	179.00	180.80	1.6	11	134	29	16	14	0.4							4q2																		
A04533	180.80	182.00	1.4	10	126	7	5	3	0.1							4q																		

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DIAMOND DRILL SECTION 0+00E
LOOKING WEST
DDH RE65-01
GRID RE65

Az 180° REID Twp.

Target Property # JV26 SCALE 1:2,500 (metres)

Project #: 416 0 80 160 240 320

