



DIAMOND DRILLING

TOWNSHIP: DENTON TWP.

REPORT NO: 40

WORK PERFORMED FOR: Esso Resources Canada Limited

RECORDED HOLDER: SAME AS ABOVE (xx)

: OTHER ()

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
568507	DE88-1 ✓	228.90m	Sept/88	(1) ②
568506	DE88-2 ✓	145.08m	Sept/88	(1) ②
	DE88-3 ✓	267.20m	Sept-Oct/88	(1) ②
	DE88-4 ✓	178.61m	Oct/88	(1) ②
	DE88-5 ✓	213.36m	Oct/88	(1) ②
	568505	DE88-6 ✓	225.0m	Oct/88
568502	DE88-7 ✓	93.26m	Oct/88	(1) ②
	DE88-8 ✓	165.81m	Oct/88	(1) ②
	DE88-9 ✓	185.62m	Oct/88	(1) ②
	DE88-10 ✓	199.76m	Oct/88	(1) ②
568498	DE88-11 ✓	134.41m	Oct/88	(1) ②
	DE88-12 ✓	184.40m	Oct-Nov/88	(1) ②
833256	DE85-08 ✓	189.0m	June/85	(1) ②

NOTES: (1) # W8906.512, filed Nov/89

② Additional Drill Logs and Hole Sections from CM88-S-C-193, added July 3/89.

Core size: BQ Azimuth: 150
 Drilled by: Downing Diamond Drilling Dip: -55
 Started: Sept. 14/88
 Finished: Sept. 23/88 Depth Az Dip
 15.25 150.0-57.5
 Logged by: R. Shegelski 122.00 150.0-44.0
 Date logged: Sept 25/88 227.40 150.0-40.0
 System:

Grid: Denton #1
 Purpose: test IP at 550S & shear at 600S
 Claim: 568507
 Northing: 5+00N
 Easting: L 4300 W
 Elevation: 1000
 Length: 228.90m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
.00	1.46 CASING								
1.46	8.83 6A: GRANITE Grey, foliated to mylonitic siliceous felsic intrusion contains alternating chloritic bands and purple siliceous bands, blocky core from 4.87 to 7.92 metres with 32% recovery.								
8.83	12.28 4A: (QUARTZ) CARBONATE SERICITE SCHIST Light green-brown to purple carbonate-sericite schist with calcitic upper contact, scattered siliceous zones.								
12.28	19.11 4E: CHLORITE SCHIST Green grey, chloritic paper schist with minor talc and chlorite, scattered calcite veins.								
19.11	20.66 4B: (QUARTZ) CARBONATE CHLORITE SCHIST Medium green, uniform chloritic schist with 2% white calcite rhombs.								
20.66	28.43 4D: TALC CHLORITE SCHIST Grey calcite-talc-chlorite paper schist, foliation is 47 degrees to the core axis.								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
	Scott shear zone. Mixed zone of veining and sericitic schist characterized by: widespread sericite alteration scattered chloritoid porphyroblasts, rare chlorite, a quartz vein and stockwork zone occurs from 167.67 to 169.19, average of 5% veining is scattered throughout.	2508	167.67	168.42	.75	.09	N/A	N/A	N/A	3.00
		2509	168.42	169.19	.77	.02	N/A	N/A	N/A	2.00
178.55	186.80	4A: (QUARTZ) CARBONATE SERICITE SCHIST Heavily foliated with scattered calcitic bleach zones and sulfide blebs								
		2510	179.00	180.00	1.00	.01	N/A	N/A	N/A	tr
		2511	180.00	181.20	1.20	.01	N/A	N/A	N/A	tr
		2512	181.20	182.55	1.35	.02	N/A	N/A	N/A	1.00
		2513	182.55	183.55	1.00	.01	N/A	N/A	N/A	tr
		2514	183.55	184.70	1.15	.03	N/A	N/A	N/A	3.00
		2515	184.70	186.00	1.30	.01	N/A	N/A	N/A	tr
		2516	186.00	186.80	.80	.04	N/A	N/A	N/A	5.00
186.80	194.73	4C: CHLORITE SERICITE SCHIST Chlorite-sericite schist with 15% quartz-calcite veins and minor pyrite blebs throughout.								
		2517	186.80	187.75	.95	.01	N/A	N/A	N/A	tr
		2518	187.75	189.40	1.65	.01	N/A	N/A	N/A	tr
		2519	193.30	194.30	1.00	.01	N/A	N/A	N/A	2.00
194.73	207.69	2B: PILLOWED FLOW Medium grey-green, foliated basalt with calcite amygdules, scattered pink banding and minor quartz-calcite veins from 202.6 to 207.68 metres.								
207.69	228.90	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Talc-chlorite paper schist, very calcitic and soft to bleached with green micas from 209.39 to 210.06, 5% quartz-calcite veins with slightly hematitic wallrock at their margins, 30% calcite tension veins. Less foliated below 224.33 metres with hematite-calcite alteration increasing in the last metre of core. End Of Hole.								

R. K. Hegeleski

Core size: BQ
 Drilled by: DOWNING
 Started: SEPT 24/88
 Finished: SEPT 26/88
 Logged by: R SHEGELSKI
 Date logged: SEPT 25/88
 System:

Azimuth: 145
 Dip: -60
 Depth Az Dip
 91.44 145.0-50.7

Grid: DENTON #1
 Purpose: TEST WAKEMAC AT 4+05S
 Claim: 568506
 Northing: 3+50S
 Easting: 40+50 W
 Elevation:
 Length: 145.08m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% PY	
.00 16.74	OVERBURDEN									
16.74 21.09	2B: PILLOWED FLOW More felsic fragments sit in a chloritic, schistose matrix.									
21.09 26.51	4E: CHLORITE SCHIST Foliated chloritic schist with blue quartz veins from 24.17 to 24.26.									
26.51 28.55	2A: MASSIVE FLOW BASE Bleached, light green, foliated calcitic basalt.									
28.55 31.21	2C: SCHISTOSE BASALT Medium green schistose basalt.									
31.21 32.97	4A: (QUARTZ) CARBONATE SERICITE SCHIST Altered schistose basalt with scattered disseminated pyrite.	2520 2521	31.21 32.10	32.10 33.00	.89 .90	.47 .03	N/A N/A	N/A N/A	N/A N/A	3.00 1.00
32.97 42.00	4E: CHLORITE SCHIST Medium grey-green chlorite schist with minor sericite, local pink banding and crosscutting second cleavage, foliation at 50 degrees to the core axis.									

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
42.00 44.80	2A: MASSIVE FLOW BASE Medium grey-green, fine grained equigranular lava.								
44.80 46.75	2B: PILLOWED FLOW Flow breccia, chloritic with calcite tension veinlets and 2 to 3% disseminated pyrite.	2522	44.80 45.80	1.00	.01	N/A	N/A	N/A	2.00
		2523	45.80 46.75	.95	.01	N/A	N/A	N/A	3.00
46.75 52.60	2C: SCHISTOSE BASALT Foliated, medium green basalt schist.								
52.60 54.10	4A: (QUARTZ) CARBONATE SERICITE SCHIST Pyrite calcite alteration with 3% 2 sulfides.	2524	52.60 53.34	.74	.18	N/A	N/A	N/A	2.00
		2525	53.34 54.10	.76	.02	N/A	N/A	N/A	3.00
54.10 57.24	2C: SCHISTOSE BASALT								
59.58 59.58	4A: (QUARTZ) CARBONATE SERICITE SCHIST Calcite-pyrite alteration with 3% 2 sulfides.	2526	57.24 58.41	1.17	.04	N/A	N/A	N/A	2.00
		2527	58.41 59.58	1.17	.01	N/A	N/A	N/A	3.00
59.58 76.50	2C: SCHISTOSE BASALT Chloritic, medium green with 2% bleached calcitic zones scattered throughout.								
76.50 77.63	4E: CHLORITE SCHIST Wakemac shear zone from 76.5 to 99.42 metres. Medium green chloritic paper schist.								
77.63 97.10	4A: (QUARTZ) CARBONATE SERICITE SCHIST Heavily carbonated (calcite) with crushed blue quartz veins from 81.16 to 83.73 metres with intermixed contorted sericite schist.								
97.10 99.42	4E: CHLORITE SCHIST Chloritized basalts with 4% disseminated pyrite.	2528	97.10 98.25	1.15	.19	N/A	N/A	N/A	5.00
		2529	98.25 99.42	1.17	.03	N/A	N/A	N/A	3.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
99.42 100.46	5C: QUARTZ CALCITE VEIN With minor chlorite schist inclusions.								
100.46 107.86	2B: PILLOWED FLOW Chloritic, foliated lava top.								
107.86 108.90	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Epidote and 3% pyrite in basalt.								
108.90 115.09	2C: SCHISTOSE BASALT Grey green and foliated.								
115.09 118.55	2C: SCHISTOSE BASALT Schistose chloritic basalt with 20% scattered quartz-calcite veins which have minor pyrite and minor sericite as altered margins.								
118.55 122.95	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Calcite chlorite schist with scattered quartz veins.								
122.95 124.90	5C: QUARTZ CALCITE VEIN 20% Quartz-calcite veins with pyritic margins in chloritic schistose basalt.								
124.90 133.62	2B: PILLOWED FLOW Foliated grey-green lava, foliation is at 65 degrees to core axis, contains minor quartz-calcite veins.								
133.62 144.02	2A: MASSIVE FLOW BASE Equigranular, feldspar phyrlic base.								
144.02 145.08	2B: PILLOWED FLOW Schistose chloritic pillow basalt flow top. End Of Hole.								

R. J. Hazelst

Core size: BQ	Azimuth: 150	Grid:
Drilled by:	Dip: -55	Purpose: TEST WEST PLUNGE OF WAKEMAC
		Claim: 568506
Started: SEPT 27/88	ACID	
Finished: OCT 3/88	Depth Az Dip	Northing: 310 S
	91.44 150.0-50.2	Easting: 4130 W
Logged by: R. SHEGELSKI	183.00 150.0-45.0	Elevation:
Date logged: OCT 03/88	267.00 150.0-43.2	
System: METRIC		Length: 267.20m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SRR	CARB	% PY
.00 12.80	CASING								
12.80 14.80	2C: SCHISTOSE BASALT Pale green, fine grained tholeiitic medium grained basalt.								
14.80 17.20	5C: QUARTZ CALCITE VEIN Mixed schistose basalt and milky calcite quartz veins with chloritic inclusions.								
17.20 17.97	2C: SCHISTOSE BASALT Tuffaceous tholeiite medium grained debris.								
17.97 22.10	2A: MASSIVE FLOW BASE Grey-green equigranular with an upper chilled contact and medium grained interior.								
22.10 22.79	2B: PILLOWED FLOW Pillow flow top breccia with local light green, bleached fragments.								
22.79 31.50	2A: MASSIVE FLOW BASE Bleached, coarse grained upper contact becoming medium grained, medium grey-green and finer grained below 30 metres depth.								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
	veinlets scattered throughout.								
223.10 232.47	2E: LEUCOXENE BASALT Medium grey, fine to medium grained tholeiite medium grained with 4% calcite veins.								
232.47 238.34	2A: MASSIVE FLOW BASE Coarse grained foliated light green unit becoming finer grained downhole, bleached and sheared from 236.55 to 236.69.								
238.34 244.48	6C: DIORITE Two feldspar coarse-grained dyke in chloritized, foliated matrix, white feldspar are small, pink ones are large.								
244.48 247.48	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Well foliated with pink calcite bands throughout, becoming greener downhole.								
247.48 250.00	4A: (QUARTZ) CARBONATE SERICITE SCHIST Mixture of 15% quartz-calcite veins, 3% pyrite in siliceous sericite-chlorite schist.	2545	247.48 248.30	.82	.16	N/A	N/A	N/A	1.00
		2546	248.30 249.30	1.00	.05	N/A	N/A	N/A	2.00
		2547	249.30 250.00	.70	.17	N/A	N/A	N/A	3.00
250.00 250.28	4C: CHLORITE SERICITE SCHIST Contorted and well foliated.								
250.28 251.28	5D: QUARTZ CALCITE CHLORITE VEIN Quartz-calcite-chlorite vein.								
251.28 265.56	4C: CHLORITE SERICITE SCHIST Dark purple grey with local kinks and contortions, foliation is generally 45 dtca, bleached with 2% pyrite from 257.96 to 261.20 metres.	2548	257.96 258.70	.74	.02	N/A	N/A	N/A	1.
		2549	258.70 259.50	.80	.03	N/A	N/A	N/A	2.00
		2550	259.50 260.30	.80	.03	N/A	N/A	N/A	2.00
		2551	260.30 261.20	.90	.04	N/A	N/A	N/A	1.00
		2552	265.00 265.55	.55	.14	N/A	N/A	N/A	tr

Inter (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
265.56 267.60	4C: CHLORITE SERICITE SCHIST Sericite and chlorite schist alt becoming more chloritic towards the end of hole, minor scattered quartz calcite veins. 267.60 End Of Hole.								

H. J. Hezelsta.

size: BQ	Azimuth: 150	Grid:
Drilled by: DOWNING DRILLING LTD.	Dip: -45	Purpose: TO TEST VERTICAL EXTENSION OF WAKEMAC
		Claim: 568506
Started: OCT 4/88		
Finished: OCT 7/88	Depth Az Dip	Northing: 325 S
	91.44 150.0-43.0	Easting: 4010 W
Logged by: R. SHEGELSKI	178.61 150.0-40.0	Elevation:
Date logged: OCT 7/88		
System: METRIC		Length: 178.61m

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	& PY
.00 25.60	CASING								
25.60 29.21	2B: PILLOWED FLOW Grey green flow top gradational to light grey basalt with feldspar phenocrysts.								
29.21 52.00	2A: MASSIVE FLOW BASE Light grey foliation at 50 degrees to core axis quartz veins from 30.73 to 31.2m.								
52.00 65.50	2B: PILLOWED FLOW Light grey green fine grained with coarser grained cores and quartz-calcite throughout.								
65.50 70.60	4E: CHLORITE SCHIST Calclitic chlorite schist, alternating calcite and chlorite bands.								
70.60 75.07	4C: CHLORITE SERICITE SCHIST With scattered quartz veins.								
75.07 81.07	4C: CHLORITE SERICITE SCHIST Green brown paper schist.								
81.07 83.47	4C: CHLORITE SERICITE SCHIST								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	PY
	Foliated and banded with alternating bleached and chloritic bands and alternating pillow breccia with scattered calcite veins, patches of sericite schist throughout, more schistose downhole.								
145.00 151.06	4E: CHLORITE SCHIST With 10% scattered calcite quartz veins								
151.06 154.34	4E: CHLORITE SCHIST Grey green fol schist.								
154.34 157.54	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Grey green with 20% carbonate and pyd 1 to 3.	2568	154.34 155.34	1.00	.02	N/A	N/A	N/A	2.00
		2569	155.34 156.34	1.00	.35	N/A	N/A	N/A	2.00
		2570	156.34 157.53	1.19	.04	N/A	N/A	N/A	2.00
157.54 168.63	2B: PILLOWED FLOW Grey green with medium grained cores, minor pyrite in some selvages.	2571	162.73 163.60	.87	.02	N/A	N/A	N/A	1.00
168.63 173.76	2E: LEUCOXENE BASALT Flow top or lava with 20% calcite quartz veins to 172.15m, light grey fine grained tholeiite medium grained with scattered white flakes, increase foliation towards base of unit.								
173.76 178.61	2D: SYNVOLCANIC DIORITE SILLS Medium grained equigranular grey diorite with scattered basalt increases and chlorite schist increases, minor epidote calcite quartz veins increasing fol in last metre of core, foliation core axis 65. End Of Hole.								

RJ Hejdelich

size: BQ Azimuth: 150 Grid:
 Drilled by: DOWNING DIAMOND DRILLING Dip: -60 Purpose: TEST VERTICAL EXTENSION OF WAKEMAC
 Claim: 568506
 Started: OCT 8/88 ACID
 Finished: OCT 14/88 Depth Az Dip Northing: 325 S
 91.44 150.0-55.2 Easting: 4010
 Logged by: R. SHEGELSKI 182.88 150.0-53.1 Elevation:
 Date logged: OCT 14/88
 System: METRIC Length: 213.36m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
.00 21.64	CASING								
21.64 28.95	2C: SCHISTOSE BASALT Medium grey foliated chloritic schist 82% core recovery to 25.9m, trace pyrite scattered throughout.								
28.95 34.77	2B: PILLOWED FLOW Grey and bleached pillow fragments, minor quartz veins.								
34.77 37.85	2E: LEUCOXENE BASALT Light grey, fine grained.								
37.85 46.05	2B: PILLOWED FLOW Equigranular and foliated medium grained cores, chloritic selvages.								
46.05 62.50	2A: MASSIVE FLOW BASE Light grey fine grained top becomes medium grained below 47.26m, blue quartz vein with chalcopyrite from 46.85 to 47.28m, foliation 50d to core axis, minor quartz lenses scattered throughout.	2572	46.85 47.28	.43	.03	N/A	N/A	N/A	tr
62.50 67.83	2C: SCHISTOSE BASALT Light grey, fine grained and foliated.								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
67.83 75.46	2B: PILLOWED FLOW Dark green medium grained Fe-Tholeiite flow with large pillows.								
75.46 76.27	4E: CHLORITE SCHIST Pyritic chlorite schist and minor vein with 3% pyrite and pyrrhotite.	2573	75.46 77.27	1.81	.26	N/A	N/A	N/A	3.00
76.27 78.79	2A: MASSIVE FLOW BASE Light grey green, fine grained uniform lava.								
78.79 82.31	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Uniform with 20% calcite lenses.								
82.31 105.58	4C: CHLORITE SERICITE SCHIST Grey green with calcite and tourmaline veins, also blue quartz vein with trace chalcopryite from 86.72 to 87.61m, gen foliated at 40d to core axis, contains 15% calcite lenses, contd with minor pyrite scattered throughout.	2574	86.72 87.61	.89	.02	N/A	N/A	N/A	tr
105.58 107.39	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained uniform light grey carbonate schist, foliation at 52d to core axis.								
107.39 116.33	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Green with calcite bands and scattered pyrite bands, avg 2% pyrite throughout.	2575 2576 2577 2578 2579	109.00 110.00 110.00 111.00 111.00 111.80 111.80 112.80 115.35 116.33	1.00 1.00 .80 1.00 .98	.01 .01 .01 .01 .03	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	2.00 2.00 2.00 1.00 tr
116.33 119.17	4A: (QUARTZ) CARBONATE SERICITE SCHIST Bleached with 6% pyrite, minor arsenopyrite in lenses.	2580 2581 2582 2583	116.33 117.00 117.00 117.70 117.70 118.41 118.41 119.17	.67 .70 .71 .76	2.42 4.82 .38 .14	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	7.00 7.00 5.00 3.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
119.17 128.57	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Green with calcite lenses, 3% pyrite from 121.22 to 126.7m.	2584	121.22 122.00	.78	.09	N/A	N/A	N/A	3.00
		2585	122.00 123.00	1.00	.03	N/A	N/A	N/A	3.00
		2586	123.00 124.00	1.00	.02	N/A	N/A	N/A	4.00
		2587	124.00 124.90	.90	.01	N/A	N/A	N/A	3.00
		2588	124.90 125.90	1.00	.04	N/A	N/A	N/A	2.00
		2589	125.90 126.70	.80	.02	N/A	N/A	N/A	3.00
128.57 135.40	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist and alternating chlorite lenses, very fissile at 50d to core axis, crs pyrite cubes from 134.14 to 135.4 metres.	2590	134.14 134.80	.66	.05	N/A	N/A	N/A	1.00
		2591	134.80 135.40	.60	.12	N/A	N/A	N/A	1.00
135.40 139.23	5E: QUARTZ CALCITE SERICITE VEIN With minor disseminated pyrite.	2592	135.40 136.20	.80	.20	N/A	N/A	N/A	5.00
		2593	136.20 137.03	.83	.01	N/A	N/A	N/A	tr
139.23 143.56	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Very chloritic schist in quartz and calcite veins.								
143.56 151.30	4C: CHLORITE SERICITE SCHIST Green to brown, pyritic from 146.46 to 146.76 metres.	2594	146.36 147.23	.87	.02	N/A	N/A	N/A	1.00
151.30 169.37	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Alternating calcite and chlorite bands, calcite veins locally contorted, foliation is at 55 degrees to the core axis. Very calcite rich from 160.06 to 161.87 metres and from 164.07 to 165.41 metres. Veins with minor pyrite from 165.41 to 169.37 metres.	2595	166.28 166.68	.40	.01	N/A	N/A	N/A	2.00
169.37 170.39	4C: CHLORITE SERICITE SCHIST Grey uniform paper schist.								
170.39 176.30	4C: CHLORITE SERICITE SCHIST Sheared with veins from 170.39 to 170.90 metres and from 170.90 to	2596	174.54 175.45	.91	.01	N/A	N/A	N/A	2.00
		2597	175.45 176.30	.85	.04	N/A	N/A	N/A	4.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
176.30	metres.								
176.30 181.80	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Grey mottled marble with scattered quartz and calcite veins, heavily veined from 178.3 to 181.8 metres, local sericitic margins.								
181.80 186.81	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Brecciated and siliceous.								
186.81 203.68	6C: DIORITE Grey to brown, foliated equigranular medium grained intrusion alternating with fine grained green to black mylonite, scattered bleached calcite patches.								
203.68 213.36	7A: DIABASE DYKE Fine grained dark green chill changing to medium grained ophitic texture down the hole. End Of Hole.								

RJ Shegelski

Core size: BQ	Azimuth: 150	Grid:	
Drilled by: DOWNING DIAMOND DRILLING	Dip: -55	Purpose: TEST EAST	STRIKE EXTENSION OF WAKE
Started: OCT 17/88	ACID	Claim: 568505	
Finished: OCT 23/88	Depth Az Dip	Northing: 350 S	
	91.44 150.0-55.0	Easting: 3800 W	
Logged by: R. SHEGELSKI	182.88 150.0-45.8	Elevation:	
Date logged: OCT 23/88		Length: 225.00m	
System: METRIC			

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	%	
.00 37.82	CASING									
37.82 43.08	2C: SCHISTOSE BASALT Brown, schistose, oxidized&limonitic.									
43.08 70.11	2A: MASSIVE FLOW BASE Weakly foliated, medium grained and equigranular with calcite and quartz veins from 53.85 to 54.56m.									
70.11 77.14	2A: MASSIVE FLOW BASE Fine grained chill top with quartz and calcite veins from upper contact to 72.88m, increased foliation downhole at 50d to core axis.									
77.14 82.28	2B: PILLOWED FLOW Grey green , fine grained schistose basalt.									
82.28 87.65	2E: LEUCOXENE BASALT Green chloritic schistose basalt with 0.3m of flow top tuff at upper contact, scattered calcite and quartz veins.									
87.65 89.30	4E: CHLORITE SCHIST Locally leached&oxidized, heavy foliation at 55d to core axis, ending	2598	87.65	88.50	.85	.02	N/A	N/A	N/A	2.00
		2599	88.50	89.30	.80	.01	N/A	N/A	N/A	2.00

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Interval (m) -----Description-----

Sample Interval Length Au ALTERATION
No. (m) (m) (g/t) SIL SER CARB % PY

Medium grained ophitic diabase with rare calcite veins and 2cm feldspar crystals scattered throughout. End Of Hole.

R. J. Hegabala

Core size: BQ	Azimuth: 150	Grid:
Drilled by: DOWNING DIAMOND DRILLING	Dip: -55	Purpose: TEST IP AT 925 S
		Claim: 568502
Started: OCT 23/88	ACID	
Finished: OCT 25/88	Depth Az Dip	Northing: 750 S
	91.44 150.0-48.0	Easting: 3200 W
Logged by: R. SHEGELSKI		Elevation:
Date logged: OCT 26/88		
System: METRIC		Length: 93.26m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
.00	5.48 CASING								
5.48	13.10 2A: MASSIVE FLOW BASE Grey , fine grained to medium grained with weak foliation at 50 degrees to core axis , contains quartz chlorite calcite veins from 7.82 to 8.36 metres.								
13.10	21.02 2E: LEUCOXENE BASALT Medium grained with local fine grained tholeiite medium grained sections , possible pillow basalt , minor quartz tourmaline veins.								
21.02	28.05 1D: ULTRAMAFIC FLOW BASE Medium grained , locally foliated , talc feldspar intergrowth , minor quartz tourmaline veins.								
28.05	32.10 1B: KOMATIITIC BASALT Dark grey green with small feldspar crystals.								
32.10	33.50 4A: (QUARTZ) CARBONATE SERICITE SCHIST 80% Sericite schist , 20% quartz vein with chlorite ribbon texture.								
33.50	37.33 1A: GREY CARBONATED ULTRAMAFICS Medium grey , carbonatized ultramafic								

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Interval -----Description-----
(m)

Sample Interval Length Au ALTERATION
No. (m) (m) (g/t) SIL SER CARB & PY

Dark fine grained border grading into
medium grained ophitic interior.
End Of Hole.

R. J. Shegahli

Core size: BQ	Azimuth: 150	Grid:
Drilled by: DOWNING DIAMOND DRILLING	Dip: -55	Purpose: TEST IP AT 850 S
		Claim: 568502
Started: OCT 25/88	TROPARI	
Finished: OCT 27/88	Depth Az Dip	Northing: 725 S
	91.44 137.0-56.0	Easting: 3400 W
Logged by: R. SHEGELSKI		Elevation:
Date logged: OCT 29/88		
System: METRIC		Length: 165.81m

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
.00	1.82 CASING								
1.82	5.52 4B: (QUARTZ) CARBONATE CHLORITE SCHIST Chlorite schist with 20% scattered quartz dolomite veins , limonitic weathering scattered throughout.								
5.52	15.37 1B: KOMATIITIC BASALT Carbonatized dark green fine grained komatiitic basalt with scattered dolomite rhombs , weakly schistose , becoming lighter grey and talcose downhole.								
15.37	19.50 4A: (QUARTZ) CARBONATE SERICITE SCHIST 5% Quartz dolomite veins , fissile sericite schist with foliation at 40 degrees to core axis.								
19.50	22.40 5E: QUARTZ CALCITE SERICITE VEIN Quartz dolomite vein with ribbons of sericite schist and rare tourmaline , no obvious sulfides.								
22.40	25.60 1A: GREY CARBONATED ULTRAMAFICS Medium grained , medium grey and weakly schistose with dolomite rhombs.								
25.60	32.78 1C: SERPENTINITE AND SCHISTOSE								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	
	ULTRAMAFICS Grey and carbonatized with quartz veins near upper contact and in middle, alteration is as buff and grey schistose wisps.								
32.78 - 39.78	4A: (QUARTZ) CARBONATE SERICITE SCHIST Light grey to buff schist, scattered quartz and dolomite augen and granular porphyroblasts.								
39.78 - 43.65	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Light grey, medium grained schistose rock with local highly bleached zones containing green micas thin quartz tourmaline veins.								
43.65 - 48.83	1B: KOMATIITIC BASALT Carbonatized dark green basalt with scattered dolomite rhombs, locally limonitic rhombs, also scattered sericite flecks throughout.								
48.83 - 50.57	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff and schistose with scattered chloritoid flakes, local bleached zones, ferroan dolomite forms layers which are weathered light brown.								
50.57 - 56.24	1A: GREY CARBONATED ULTRAMAFICS Light grey with local sericitic zones, schistose at 65 degrees to core axis.								
56.24 - 61.00	5F: COMPLETELY CARBONATED ROCK Heavily carbonatized schistose ultramafic, medium grey fine grained locally weathered to chocolate brown, minor pyrite near the lower contact.								
61.00 - 64.50	1A: GREY CARBONATED ULTRAMAFICS Grey carbonatized ultramafic with heavy quartz veins from 62 to 63.04	2607 2608	61.00 - 62.00 62.00 - 63.32	1.00 1.32	.05 .01	N/A N/A	N/A N/A	N/A N/A	tr 2.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% PY	
metres.										
64.50	71.37 5F: COMPLETELY CARBONATED ROCK Generally fine grained , medium grey with light pink quartz and calcite lenses , 1 metres of well banded and schistose carbonate.									
71.37	74.21 2B: PILLOWED FLOW Tholeiite medium grained basalt , slightly schistose , weakly pillowed light grey green with fine grained selvages and medium grained cores.									
74.21	76.33 2E: LEUCOXENE BASALT Light green medium grained with white flecks scattered throughout , possible dyke.									
76.33	79.80 2C: SCHISTOSE BASALT Tholeiite medium grained basalt , schistose and fine grained to medium grained , medium grey.									
79.80	80.86 4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericite schist with quartz veins, thin dolomite veins at upper and lower contacts local green mica.									
80.86	84.57 4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericite schist , buff to light grey with scattered small dark quartz dolomite veins , minor pyrite.	2609	83.00	83.70	.70	.01	N/A	N/A	N/A	tr
		2610	83.70	84.57	.87	.01	N/A	N/A	N/A	tr
84.57	96.97 5E: QUARTZ CALCITE SERICITE VEIN Heavily veined with pyrite scattered throughout.	2611	84.57	85.56	.99	.03	N/A	N/A	N/A	3.00
		2612	85.56	86.56	1.00	.01	N/A	N/A	N/A	3.00
		2613	86.56	87.05	.49	.04	N/A	N/A	N/A	3.00
		2614	87.05	87.60	.55	.03	N/A	N/A	N/A	7.00
		2615	87.60	88.30	.70	.08	N/A	N/A	N/A	8.00
		2616	88.30	88.80	.50	.02	N/A	N/A	N/A	7.00
		2617	88.80	89.36	.56	.06	N/A	N/A	N/A	8.00
		2618	89.36	90.00	.64	.01	N/A	N/A	N/A	6.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			%	
						SIL	SER	CARB		
		2619	90.00	91.00	1.00	.01	N/A	N/A	N/A	tr
		2620	91.00	92.00	1.00	.01	N/A	N/A	N/A	tr
		2621	92.00	92.80	.80	.02	N/A	N/A	N/A	3.00
		2622	92.80	93.36	.56	.01	N/A	N/A	N/A	1.00
		2623	93.36	93.90	.54	.02	N/A	N/A	N/A	2.00
		2624	93.90	95.00	1.10	.01	N/A	N/A	N/A	1.00
		2625	95.00	96.00	1.00	.01	N/A	N/A	N/A	1.00
		2626	96.00	96.97	.97	.01	N/A	N/A	N/A	2.00
96.97	106.55 4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist and buff carbonate rock, generally fine grained locally foliated with grey quartz and dolomite veins, scattered pyrite from 101 to 101.8 metres.	2633	101.00	101.80	.80	.03	N/A	N/A	N/A	2.00
106.55	111.10 2B: PILLOWED FLOW Tholeiite medium grained flow top breccia with quartz cement.									
111.10	118.39 2A: MASSIVE FLOW BASE Light grey flow base with sericitic alteration, schistosity at 60 degrees to core axis, generally foliated and coarse grained at top becoming fine grained downhole.									
118.39	122.54 1D: ULTRAMAFIC FLOW BASE Medium grey with foliated pyroxenes, locally foliated or contorted and bleached to steatite.									
122.54	124.91 3B: GRAPHITIC PYRITIC SCHIST Black, fissile with milky quartz veins and vein breccia, 5% scattered pyrite, local red hematite stain.									
124.91	127.24 4F: CARBONATED ULTRAMAFIC FLOW BASE Medium grey, foliated rock with steatite.									
127.24	129.92 3B: GRAPHITIC PYRITIC SCHIST Black schist with 15% pyrite, local	2634	128.50	129.00	.50	.04	N/A	N/A	N/A	70.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	PY
	hematite stain , and pyrite concentrated from 128.5 to 129.0 metres.								
129.92 145.99	2D: SYNVOLCANIC DIORITE SILLS Medium to dark grey , fine grained to medium grained equigranular rock , becoming coarser downhole.								
145.99 157.60	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Dark blue grey soapstone schist with white dolomite segregations.								
157.60 158.13	5C: QUARTZ CALCITE VEIN Coarse milky quartz dolomite vein.								
158.13 165.81	1A: GREY CARBONATED ULTRAMAFICS Light grey , silicified carbonatized ultramafic cut by 10% grey quartz dolomite veins and a small diabase dyke near the end of the hole. End Of Hole.								

R. J. Hezelak

Core size: BQ
 Drilled by: DOWNING DIAMOND DRILLING
 Started: OCT 25/88
 Finished: OCT 28/88
 Logged by: R. SHEGELSKI
 Date logged: OCT 30/88
 System: METRIC

Azimuth: 150
 Dip: -55
 ACID
 Depth Az Dip
 91.44 150.0-47.9
 182.88 150.0-38.2

Grid:
 Purpose: EXTEND WEST STRIKE OF DE8-7 INTERCEPT
 Claim: 568502
 Northing: 700 S
 Easting: 3300 W
 Elevation:
 Length: 185.62m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	

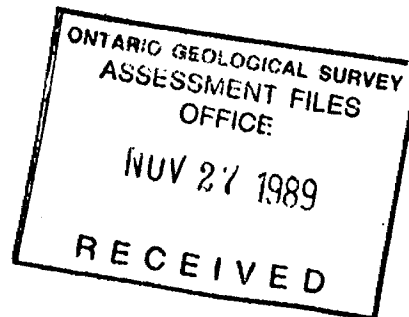
.00 7.82 CASING

7.82 39.14 4E: CHLORITE SCHIST
 Silicified and contorted, medium green rock with local ferroan dolomite bands which are partly oxidized, local sericitic schist zones up to 1 metres wide with coarse quartz dolomite veins scattered throughout and forming 25% of the volume.

39.14 48.16 4E: CHLORITE SCHIST
 Very chloritic dark green schist with carbonate rhombs, minor quartz veins but ending with 0.8 metres of milky quartz.

48.16 59.22 2E: LEUCOXENE BASALT
 Probable flow base, now very chloritic, becoming coarse grained downhole with distinctive leucoxene flakes, leucoxene absent in the last two metres of core.

59.22 68.79 2B: PILLOWED FLOW
 Inhomogeneous basalt with medium grained cores, locally leucoxene rich and with fine grained chloritic selvages.



Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% PY	
68.79 70.38	2C: SCHISTOSE BASALT Fine grained dark green basalt with scattered veins and trace pyrite cubes , possible chill flow top to pillow basalt.									
70.38 79.64	1A: GREY CARBONATED ULTRAMAFICS Fine grained to medium grained , light grey schist , foliated at 55 degrees to core axis.									
79.64 88.87	1A: GREY CARBONATED ULTRAMAFICS Medium grey uniform medium grained ultramafic with 3mm dolomite rhombs , schistose white dolomite bands , rare 50cm veins without pyrite.									
88.87 93.96	4C: CHLORITE SERICITE SCHIST Alteration as buff and green schistose bands , foliation 70 degrees to core axis , poorly veined but 1% pyrite is scattered near the lower contact.	2635 2636	91.47 92.50	92.50 93.45	1.03 .95	.01 .01	N/A N/A	N/A N/A	N/A N/A	2.00 2.00
93.96 103.94	1A: GREY CARBONATED ULTRAMAFICS Knobby texture to fine grained carbonatized ultramafic with scattered quartz tourmaline dolomite veins , local sericitic vein margins.									
103.94 111.12	2E: LEUCOXENE BASALT Dark green , fine grained becoming medium grained and lighter green at 107 metres , grading down into pillowed flow.									
111.12 120.23	2B: PILLOWED FLOW Dark green pillow basalt with coarse grained cores.									
120.23 122.67	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff fine grained sericite schist with scattered quartz dolomite veins and minor sulfides.	2637 2638 2639	120.23 120.70 121.32	120.70 121.32 122.00	.47 .62 .68	1.31 .12 .01	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	4.00 2.00 1.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% PY	
		2640	122.00	122.67	.67	.01	N/A	N/A	N/A	5.00
122.67	132.47	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff to grey , fine grained sericite schist with minor scattered quartz dolomite veins foliation 57 degrees to core axis.								
132.47	134.37	4C: CHLORITE SERICITE SCHIST Grey to brown to green , fine grained schist with trace disseminated pyrite.								
134.37	137.28	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff fine grained sericite schist cut by diabase from 135.23 to 135.80 metres.								
137.28	139.89	5F: COMPLETELY CARBONATED ROCK Grey to brown fine grained carbonate rock , locally sulfidic at the upper contact.								
		2641	137.28	137.90	.62	.02	N/A	N/A	N/A	3.00
		2642	137.90	138.52	.62	.01	N/A	N/A	N/A	2.00
		2643	138.52	138.98	.46	.01	N/A	N/A	N/A	1.00
139.89	149.60	2C: SCHISTOSE BASALT Grey fine grained foliated basalt , silicified with scattered chlorite pyrite quartz veins.								
149.60	151.39	2A: MASSIVE FLOW BASE Grey green fine grained matrix contains feldspar crystals , possible feeder dyke.								
151.39	156.82	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericite schist with pyritic quartz dolomite veins , 3% pyrite from 154.48 to 156.82 metres.								
		2644	151.39	152.50	1.11	.02	N/A	N/A	N/A	2.00
		2645	154.48	155.00	.52	.01	N/A	N/A	N/A	2.00
		2646	155.00	155.74	.74	.03	N/A	N/A	N/A	10.00
		2647	155.74	156.34	.60	.01	N/A	N/A	N/A	tr
		2648	156.34	156.82	.48	.01	N/A	N/A	N/A	4.00
156.82	166.93	1D: ULTRAMAFIC FLOW BASE Pyroxene phenocrysts altered to fuchsite flakes , matrix is light grey to brown and schistose.								

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
166.93 172.69	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist with 5% black quartz dolomite veins, foliation is at 70 degrees to core axis.	2649	171.78 172.00	.22	.04	N/A	N/A	N/A	5.00
172.69 182.90	1D: ULTRAMAFIC FLOW BASE Schistose near upper contact, sericitic becoming grey with chloritized pyroxene phenocrysts downhole.								
182.90 185.62	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS 50 Cm of gouge zone at upper contact, dark green to black soapstone. End Of Hole.								

R.J. Hezelstein

Core size: BQ	Azimuth: 150	Grid:
Drilled by: DOWNING DIAMOND DRILLING	Dip: -65	Purpose: TEST DOWN DIP OF INTERCEPTS IN DE88-8,9
		Claim: 568502
Started: OCT 27/88	TROPARI	
Finished: OCT 29/88	Depth Az Dip	Northing: 700 S
	45.00 151.0-60.0	Easting: 3350 W
Logged by: R. SHEGELSKI	91.44 153.0-55.0	Elevation:
Date logged: NOV 1/88	135.00 158.0-48.0	
System: METRIC	182.88 162.0-40.0	Length: 199.76m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
.00 10.97	CASING								
10.97 14.48	5D: QUARTZ CALCITE CHLORITE VEIN 35% Quartz veins in dark green chloritic schist, local sericite alteration, minor oxidation trace sulfides.								
14.48 19.04	4D: TALC CHLORITE SCHIST Dark green soapstone schist with scattered quartz calcite veins.								
19.04 24.11	2E: LEUCOXENE BASALT Schistose dark to medium green with leucoxene flakes, lightly oxidized schistosity at 40 degrees to core axis.								
24.11 29.36	2E: LEUCOXENE BASALT Dark green flow base, medium grained and coarsening downhole.								
29.36 35.23	2C: SCHISTOSE BASALT Medium green, fine grained basalt with scattered quartz calcite veins, trace pyrite, local sericite alteration.								
35.23 37.98	2A: MASSIVE FLOW BASE Medium green, medium grained with								

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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
	tourmaline dolomite veins, veins have brecciated texture, sericite schist is buff brown and contorted.								
91.37 102.68	2E: LEUCOXENE BASALT Fine grained at the top becoming medium grained and lighter green below 94 metres to 99.96 metres with a chill contact below this point to the lower contact.								
102.68 113.62	1B: KOMATIITIC BASALT Generally fissile, variably altered, with a silica zone containing minor pyrite from 107.38 to 110.25 metres.								
113.62 116.02	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained buff carbonate rock (including calcite) with increasing fissility and sericite content towards the lower contact.								
116.02 120.60	5D: QUARTZ CALCITE CHLORITE VEIN Black with wallrock breccia, 2% pyrite and 1% arsenopyrite, local green wallrock inclusions.	2650	116.02 116.82	.80	.06	N/A	N/A	N/A	1.00
		2651	116.82 117.63	.81	.02	N/A	N/A	N/A	1.00
		2652	117.63 118.24	.61	1.09	N/A	N/A	N/A	4.00
		2653	118.24 118.82	.58	.05	N/A	N/A	N/A	3.00
		2654	118.82 119.40	.58	.60	N/A	N/A	N/A	4.00
		2655	119.40 120.00	.60	.78	N/A	N/A	N/A	4.00
		2656	120.00 120.60	.60	.24	N/A	N/A	N/A	1.00
120.60 122.64	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff fissile with light green bands, soft schist with minor veins.								
122.64 131.70	5C: QUARTZ CALCITE VEIN Dark brecciated quartz carbonate vein with 3% pyrite, 1% arsenopyrite and a metre of sericite schist footwall.	2657	122.64 123.50	.86	.02	N/A	N/A	N/A	tr
		2658	123.50 124.30	.80	.01	N/A	N/A	N/A	tr
		2659	124.30 125.10	.80	.01	N/A	N/A	N/A	tr
		2660	125.10 125.70	.60	.39	N/A	N/A	N/A	3.00
		2661	125.70 126.30	.60	.06	N/A	N/A	N/A	2.00
		2662	126.30 126.90	.60	.03	N/A	N/A	N/A	2.00
		2663	126.90 127.50	.60	.01	N/A	N/A	N/A	2.00
		2664	127.50 128.10	.60	.02	N/A	N/A	N/A	tr

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2665	128.10	128.80	.70	.10	N/A	N/A	N/A	4.00
		2666	128.80	129.80	1.00	.02	N/A	N/A	N/A	1.00
		2667	129.80	130.56	.76	.04	N/A	N/A	N/A	tr
		2668	130.56	131.70	1.14	.01	N/A	N/A	N/A	tr
131.70	153.50	1A: GREY CARBONATED ULTRAMAFICS Sericitic in the first two metres grading from light grey to dark grey at 136.6 metres, below it is uniform fine grained to medium grained with minor scattered calcite veins.								
153.50	163.94	2B: PILLOWED FLOW Dark green fine grained to medium grained pillowed basalt with local feldspar porphyritic cores or medium grained bleached cores.								
163.94	177.32	1D: ULTRAMAFIC FLOW BASE Probable ultramafic flow base now schistose variably bleached rock with mafic flecks throughout, locally the flecks are altered to fuchsite.								
		2669	172.47	173.05	.58	.01	N/A	N/A	N/A	1.00
		2670	174.83	176.30	1.47	.01	N/A	N/A	N/A	2.00
177.32	187.73	6C: DIORITE Medium grey, medium grained equigranular rock with several brown sulfidic chill zones towards the lower contact from 184.0 to 187.73 metres.								
		2671	186.57	187.74	1.17	.01	N/A	N/A	N/A	3.00
187.73	190.50	6C: DIORITE Medium grey medium grained equigranular intrusion.								
190.50	193.78	6C: DIORITE Fine grained chilled contact with carbonatized and pyritic zones.								
		2672	190.80	192.00	1.20	.02	N/A	N/A	N/A	2.00
		2673	192.00	192.87	.87	.01	N/A	N/A	N/A	tr
		2674	192.87	193.78	.91	.06	N/A	N/A	N/A	6.00
193.78	199.76	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Fine grained black soapstone with								

Interval (m)	Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	& PY

minor quartz calcite veins , minor
gouge near the upper contact.
End Of Hole.

R. J. Hezelati

Core size: BQ
 Drilled by: DOWNING DIAMOND DRILLING
 Started: OCT 30/88
 Finished: OCT 31/88
 Logged by: R. SHEGELSKI
 Date logged: NOV 3/88
 System: METRIC

Azimuth: 150
 Dip: -50
 TROPARI
 Depth Az Dip
 134.41 154.0-43.0

Grid:
 Purpose: TEST WEST EXTENT OF IP & DDH INTERCEPT FR
 Claim: 568498
 Northing: 750 S
 Easting: 3100 W
 Elevation:
 Length: 134.41m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% PY
						SIL	SER	CARB		
.00 20.62	CASING									
20.62 29.49	2C: SCHISTOSE BASALT Schistose medium green grey basalt , foliated at 60 degrees to core axis , contains fine grained schistose selvages and medium grained cores , milky quartz veins are scattered throughout.									
29.49 31.15	2A: MASSIVE FLOW BASE Fine grained medium green uniform lava.									
31.15 43.76	2A: MASSIVE FLOW BASE Tholeiite medium grained , upper contact is the base and is coarse grained to medium grained becoming fine grained downhole.									
43.76 52.50	2B: PILLOWED FLOW Flow top to flow base consists of schistose selvages , medium grained cores with scattered milky quartz veins and overall green grey colour.									
52.50 64.60	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff schistose rock with milky quartz veins in the last 2.5 metres of core , also have an internal greyer pyritic schist from 56.92 to 59.42 metres.	2675 2676 2677 2678	52.50 53.50 54.50 55.93 56.92	53.50 54.50 55.93 56.92	1.00 1.00 1.43 .99	.02 .03 .01 .01	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	tr 1.00 tr tr

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 OFFICE
 NOV 27 1989
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Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2679	56.92	58.08	1.16	.02	N/A	N/A	N/A	tr
		2680	58.08	59.43	1.35	.01	N/A	N/A	N/A	1.00
		2681	59.43	60.50	1.07	.02	N/A	N/A	N/A	1.00
		2682	60.50	61.50	1.00	.02	N/A	N/A	N/A	tr
		2683	61.50	62.50	1.00	.03	N/A	N/A	N/A	tr
		2684	62.50	63.60	1.10	.01	N/A	N/A	N/A	tr
		2685	63.60	64.60	1.00	.03	N/A	N/A	N/A	tr
64.60	74.56 2E: LEUCOXENE BASALT									
	Alternating dark green banded schist and dark green fine grained rock with carbonate rhombs, locally the alteration zones are heavily replaced by white calcite and contain remnant light pink leucoxene flakes, locally very schistose with various angles to the core axis, gradational lower contact.									
74.56	83.17 2B: PILLOWED FLOW									
	Medium green with fine grained selvages and medium grained cores.									
83.17	91.65 2A: MASSIVE FLOW BASE									
91.65	104.68 4A: (QUARTZ) CARBONATE SERICITE SCHIST									
	Chilled and bleached in first 3 metres, medium grey green with fine grained matrix and scattered feldspar phenocrysts, coarser grained downhole with more carbonate chlorite alteration towards the lower contact. Mixed dark quartz dolomite vein and sericite schist with trace disseminated pyrite, contains barren sericite schist from 92.66 to 96.11 metres with foliation at 75 degrees to core axis, digested brecciated volcanics occur from 99.13 to 92.25 metres.									
		2686	91.65	92.66	1.01	.02	N/A	N/A	N/A	tr
		2687	96.11	97.59	1.48	.02	N/A	N/A	N/A	tr
		2688	97.59	98.58	.99	.62	N/A	N/A	N/A	2.00
		2689	98.58	99.10	.52	.04	N/A	N/A	N/A	1.00
		2690	99.10	100.25	1.15	.03	N/A	N/A	N/A	tr
		2691	100.25	101.49	1.24	.01	N/A	N/A	N/A	tr
		2692	101.49	102.20	.71	.01	N/A	N/A	N/A	1.00
		2693	102.20	102.95	.75	.02	N/A	N/A	N/A	1.00
		2694	102.95	103.82	.87	.01	N/A	N/A	N/A	2.00
		2695	103.82	104.68	.86	.09	N/A	N/A	N/A	1.00
104.68	108.28 1A: GREY CARBONATED ULTRAMAFICS									
	Light grey fine grained green silicified volcanic.									

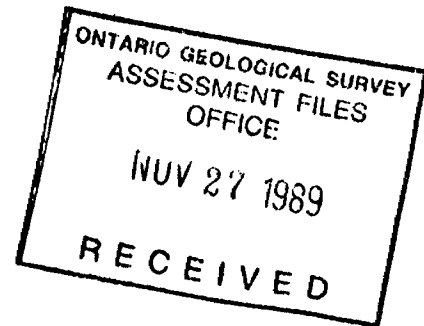
Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
108.28 121.24	2C: SCHISTOSE BASALT Medium grey green fine grained and possibly pillowed lava with local siliceous pyritic banded zones as at 114.64 to 115.14 metres and 117.54 to 118.03 metres.	2696	114.64 115.14	.50	.02	N/A	N/A	N/A	1.00
		2697	117.54 118.03	.49	.01	N/A	N/A	N/A	3.00
121.24 131.97	4F: CARBONATED ULTRAMAFIC FLOW BASE Fine grained vesicular to amygdaloidal top is also bleached and carbonatized to light grey rock becoming medium grained with mafic phenocrysts below 127.23 metres.								
131.97 134.41	2A: MASSIVE FLOW BASE Tholeiite medium grained, with equigranular flow base with a light green feldspar intergrowth. End Of Hole.								

R. J. Hegeloh

Core size: BQ Azimuth: 150
 Drilled by: DOWNING DIAMOND DRILLING Dip: -65
 Started: OCT 31/88 TROPARI
 Finished: NOV Depth Az Dip
 91.44 157.0-58.0
 Logged by: R. SHEGELSKI 137.16 167.0-49.0
 Date logged: NOV 3/88 182.88 177.0-40.0
 System: METRIC

Grid:
 Purpose: TEST DOWNDIP EXTENT OF DE88-11 INTERCEPT
 Claim: 568498
 Northing: 750 S
 Easting: 3100 W
 Elevation:
 Length: 184.40m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% PY
						SIL	SER	CARB		
.00 22.70	CASING									
22.70 35.25	2C: SCHISTOSE BASALT Dark green fine grained and locally amygdaloidal basalt, fissile with oxidized light brown flecks, foliation at 55 degrees to core axis, variable oxidation and leaching to 35.25 metres.									
35.25 44.39	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Greyer than above, minor quartz dolomite veins scattered throughout with rare pyrite and sericite margins.									
44.39 49.92	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Schist at various degrees to core axis, pyritic from 45.21 to 45.75 metres.	2698	45.21 45.75	.54	.02	N/A	N/A	N/A	7.00	
49.92 52.40	2E: LEUCOXENE BASALT Fine grained to medium grained, light green equigranular flow base.									
52.40 71.80	1B: KOMATIITIC BASALT Medium grey green, equigranular, fine grained to medium grained uniform flow with scattered calcite veins.									
71.80 74.55	1A: GREY CARBONATED ULTRAMAFICS									



Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% PY	
	Light grey , locally uniform and medium grained with calcite rhombs , developing contorted schistosity one metres below the upper contact , coarse quartz dolomite veins are concentrated near the lower contact.									
74.55	80.03 4A: (QUARTZ) CARBONATE SERICITE SCHIST									
	Fissile buff schist with 10% veins , scattered minor pyrite , local barren buff carbonate rock zones.	2699	74.55	75.35	.80	.01	N/A	N/A	N/A	1.00
		2700	77.50	78.58	1.08	.02	N/A	N/A	N/A	1.00
		2701	78.58	79.50	.92	.01	N/A	N/A	N/A	tr
		2702	79.50	80.03	.53	.01	N/A	N/A	N/A	tr
80.03	91.28 2E: LEUCOXENE BASALT									
	Heavily carbonated and chloritized , containing rhombs of ferroan dolomite green chloritic matrix varying from fine grained to medium grained to schistose with bleached carbonate patches.	2703	80.03	81.00	.97	.03	N/A	N/A	N/A	1.00
91.28	100.82 2E: LEUCOXENE BASALT									
	As above but schistose and foliated at 60 degrees to core axis , rare carbonate zones with fuchsite flakes.									
100.82	112.62 2E: LEUCOXENE BASALT									
	Medium green , fine grained top becoming light grey and medium grained below 105.15 metres.									
112.62	120.02 2C: SCHISTOSE BASALT									
	Medium green , fine grained basalt , becoming more schistose with increasing veins and pyrite downhole.									
120.02	129.64 4A: (QUARTZ) CARBONATE SERICITE SCHIST									
	Buff sericite schist with scattered quartz ankerite veins , scattered pyrite especially in veins with minor arsenopyrite near the lower contact as from 126.30 to 127.85 metres.	2704	120.02	121.56	1.54	.02	N/A	N/A	N/A	tr
		2705	121.56	122.32	.76	.08	N/A	N/A	N/A	tr
		2706	122.32	122.73	.41	.03	N/A	N/A	N/A	2.00
		2707	122.73	123.26	.53	.02	N/A	N/A	N/A	tr
		2708	123.26	124.50	1.24	.01	N/A	N/A	N/A	tr
		2709	124.50	126.00	1.50	.02	N/A	N/A	N/A	tr
		2710	126.00	126.75	.75	.02	N/A	N/AS	N/A	tr

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2711	126.75	127.30	.55	.22	N/A	N/A	N/A	1.00
		2712	127.30	127.85	.55	.72	N/A	N/A	N/A	4.00
		2713	127.85	128.75	.90	.02	N/A	N/A	N/A	tr
		2714	128.75	129.64	.89	.03	N/A	N/A	N/A	tr
129.64	144.22	1B: KOMATIITIC BASALT Carbonatized grey, fine grained uniform to foliated rock, scattered milky quartz veins with trace pyrite, local bleached schistose sections with minor fuchsite flakes.								
144.22	149.00	2C: SCHISTOSE BASALT Schistose basalt with a bleached upper contact and scattered quartz pyrite chlorite veins.								
		2715	147.82	148.50	.68	.01	N/A	N/A	N/A	1.00
149.00	159.26	1A: GREY CARBONATED ULTRAMAFICS Medium grey schist with scattered amygdules and flattened mafic phenocrysts.								
159.26	162.18	2A: MASSIVE FLOW BASE Grey green fine grained, equigranular uniform lava.								
162.18	164.40	4C: CHLORITE SERICITE SCHIST Grey fine grained equigranular carbonate alteration.								
164.40	169.85	4C: CHLORITE SERICITE SCHIST Brown grey fissile schist, foliated at 55 degrees to core axis.								
169.85	181.15	4A: (QUARTZ) CARBONATE SERICITE SCHIST Calcite sericite schist with scattered pyrite layers and blebs, scattered chloritoid.								
		2716	169.85	170.70	.85	.20	N/A	N/A	N/A	8.00
		2717	170.70	171.55	.85	.03	N/A	N/A	N/A	4.00
		2718	171.55	172.33	.78	.01	N/A	N/A	N/A	3.00
		2719	172.33	173.20	.87	.02	N/A	N/A	N/A	3.00
		2720	173.20	174.02	.82	.01	N/A	N/A	N/A	6.00
		2721	174.02	175.26	1.24	.02	N/A	N/A	N/A	2.00
		2722	175.26	176.22	.96	.01	N/A	N/A	N/A	2.00
		2723	176.22	177.40	1.18	.04	N/A	N/A	N/A	4.00

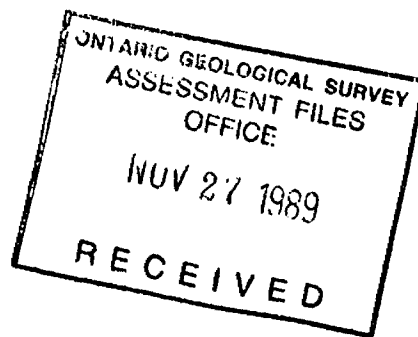
Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2724	177.40	178.41	1.01	.01	N/A	N/A	N/A	4.00
		2725	178.41	179.58	1.17	.02	N/A	N/A	N/A	4.00
		2726	179.58	180.25	.67	.01	N/A	N/A	N/A	4.00
		2727	180.25	181.15	.90	.02	N/A	N/A	N/A	7.00

181.15 184.40 1A: GREY CARBONATED ULTRAMAFICS
 Fine grained uniform carbonatized rock
 , light grey with scattered thin
 calcite veins.
 End Of Hole.

R. J. Heyelski

Core size: BQ	Azimuth: 152	Grid:
Drilled by: BRADLEY BROS. LTD.	Dip: -50	Purpose: TEST IP AT 850S
		Claim: 833256
Started: JUNE 19/85	ACID	
Finished: JUNE 24/85	Depth Az Dip	Northing: 775 S
	50.00 152.0-48.5	Easting: 3000 W
Logged by: J. MOUNTJOY	100.00 152.0-44.0	Elevation:
Date logged: JUNE 25/85	150.00 152.0-39.5	
System: METRIC		Length: 189.00m

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	& PY
.00 25.00	CASING								
25.00 27.30	2A: MASSIVE FLOW BASE Medium grained to coarse grained , dark grey flow base.								
27.30 28.85	2C: SCHISTOSE BASALT Fine grained schist , light grey green , foliation 58 degrees to core axis.								
28.85 30.05	5E: QUARTZ CALCITE SERICITE VEIN Quartz dolomite sericite vein , no pyrite.								
30.05 30.40	4C: CHLORITE SERICITE SCHIST Green buff , schistose rock.								
30.40 31.96	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained , medium grey , silicified 7 schistose.								
31.96 33.85	5C: QUARTZ CALCITE VEIN Quartz dolomite vein , pyrite and arsenopyrite at margins.								
33.85 34.65	2E: LEUCOXENE BASALT Dark green , medium grained flow base , foliation 73 degrees to core axis.								



Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
34.65 35.70	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Quartz chlorite schist.								
35.70 46.30	2A: MASSIVE FLOW BASE Medium grained to coarse grained , chloritic flow base.								
46.30 50.55	2E: LEUCOXENE BASALT Dark green , medium grained , foliation 69 degrees to core axis.								
50.55 51.25	5C: QUARTZ CALCITE VEIN Quartz dolomite vein.								
51.25 72.00	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained sericite schist with scattered quartz veins , minor pyrite and arsenopyrite throughout , minor talc.	16	61.00 62.50	1.50	.13	N/A	N/A	N/A	tr
72.00 74.50	4C: CHLORITE SERICITE SCHIST Chlorite sericite schist with fuchsite flakes , foliation at 50 degrees to core axis.								
74.50 83.18	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Fine grained , dark green schist with 50% quartz veins.								
83.18 86.37	2A: MASSIVE FLOW BASE Medium grained , chloritic schist with 7% veins.								
86.37 105.20	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained , schistose and carbonatized with foliation at 60 degrees to core axis , zone with pyrite 7 arsenopyrite from 88 to 95.5 metres and from 101.5 to 104 metres.	32 33	89.50 90.00 90.00 91.00	.50 1.00	6.93 .07	N/A N/A	N/A N/A	N/A N/A	4.00 1.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
	pyrrhotite from 155.2 to 160.8 metres.								
160.80 161.10	5C: QUARTZ CALCITE VEIN Quartz dolomite vein.								
161.10 167.70	1D: ULTRAMAFIC FLOW BASE Coarse grained centre , medium grained margins.								
167.70 189.00	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Fine grained , talcose soapstone schist End Of Hole.								

Relassins by:

R. J. H. H. H.

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
	Scott shear zone. Mixed zone of veining and sericitic schist characterized by: widespread sericite alteration scattered chloritoid porphyroblasts, rare chlorite, a quartz vein and stockwork zone occurs from 167.67 to 169.19, average of 5% veining is scattered throughout.	2508	167.67	168.42	.75	.09	N/A	N/A	N/A	3.00
		2509	168.42	169.19	.77	.02	N/A	N/A	N/A	2.00
178.55	186.80	4A: (QUARTZ) CARBONATE SERICITE SCHIST Heavily foliated with scattered calcitic bleach zones and sulfide blebs								
		2510	179.00	180.00	1.00	.01	N/A	N/A	N/A	tr
		2511	180.00	181.20	1.20	.01	N/A	N/A	N/A	tr
		2512	181.20	182.55	1.35	.02	N/A	N/A	N/A	1.00
		2513	182.55	183.55	1.00	.01	N/A	N/A	N/A	tr
		2514	183.55	184.70	1.15	.03	N/A	N/A	N/A	3.00
		2515	184.70	186.00	1.30	.01	N/A	N/A	N/A	tr
		2516	186.00	186.80	.80	.04	N/A	N/A	N/A	5.00
186.80	194.73	4C: CHLORITE SERICITE SCHIST Chlorite-sericite schist with 15% quartz-calcite veins and minor pyrite blebs throughout.								
		2517	186.80	187.75	.95	.01	N/A	N/A	N/A	tr
		2518	187.75	189.40	1.65	.01	N/A	N/A	N/A	tr
		2519	193.30	194.30	1.00	.01	N/A	N/A	N/A	2.00
194.73	207.69	2B: PILLOWED FLOW Medium grey-green, foliated basalt with calcite amygdules, scattered pink banding and minor quartz-calcite veins from 202.6 to 207.68 metres.								
207.69	228.90	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Talc-chlorite paper schist, very calcitic and soft to bleached with green micas from 209.39 to 210.06, 5% quartz-calcite veins with slightly hematitic wallrock at their margins, 30% calcite tension veins. Less foliated below 224.33 metres with hematite-calcite alteration increasing in the last metre of core. End Of Hole.								

R. J. Haggelshi

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
42.00 - 44.80	2A: MASSIVE FLOW BASE Medium grey-green, fine grained equigranular lava.								
44.80 - 46.75	2B: PILLOWED FLOW Flow breccia, chloritic with calcite tension veinlets and 2 to 3% disseminated pyrite.	2522	44.80 - 45.80	1.00	.01	N/A	N/A	N/A	2.00
		2523	45.80 - 46.75	.95	.01	N/A	N/A	N/A	3.00
46.75 - 52.60	2C: SCHISTOSE BASALT Foliated, medium green basalt schist.								
52.60 - 54.10	4A: (QUARTZ) CARBONATE SERICITE SCHIST Pyrite calcite alteration with 3% 2 sulfides.	2524	52.60 - 53.34	.74	.18	N/A	N/A	N/A	2.00
		2525	53.34 - 54.10	.76	.02	N/A	N/A	N/A	3.00
54.10 - 57.24	2C: SCHISTOSE BASALT								
57.24 - 59.58	4A: (QUARTZ) CARBONATE SERICITE SCHIST Calcite-pyrite alteration with 3% 2 sulfides.	2526	57.24 - 58.41	1.17	.04	N/A	N/A	N/A	2.00
		2527	58.41 - 59.58	1.17	.01	N/A	N/A	N/A	3.00
59.58 - 76.50	2C: SCHISTOSE BASALT Chloritic, medium green with 2% bleached calcitic zones scattered throughout.								
76.50 - 77.63	4E: CHLORITE SCHIST Wakemac shear zone from 76.5 to 99.42 metres. Medium green chloritic paper schist.								
77.63 - 97.10	4A: (QUARTZ) CARBONATE SERICITE SCHIST Heavily carbonated (calcite) with crushed blue quartz veins from 81.16 to 83.73 metres with intermixed contorted sericite schist.								
97.10 - 99.42	4E: CHLORITE SCHIST Chloritized basalts with 4% disseminated pyrite.	2528	97.10 - 98.25	1.15	.19	N/A	N/A	N/A	5.00
		2529	98.25 - 99.42	1.17	.03	N/A	N/A	N/A	3.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
99.42 100.46	5C: QUARTZ CALCITE VEIN With minor chlorite schist inclusions.								
100.46 107.86	2B: PILLOWED FLOW Chloritic, foliated lava top.								
107.86 108.90	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Epidote and 3% pyrite in basalt.								
108.90 115.09	2C: SCHISTOSE BASALT Grey green and foliated.								
115.09 118.55	2C: SCHISTOSE BASALT Schistose chloritic basalt with 20% scattered quartz-calcite veins which have minor pyrite and minor sericite as altered margins.								
118.55 122.95	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Calcite chlorite schist with scattered quartz veins.								
122.95 124.90	5C: QUARTZ CALCITE VEIN 20% Quartz-calcite veins with pyritic margins in chloritic schistose basalt.								
124.90 133.62	2B: PILLOWED FLOW Foliated grey-green lava, foliation is at 65 degrees to core axis, contains minor quartz-calcite veins.								
133.62 144.02	2A: MASSIVE FLOW BASE Equigranular, feldspar phyrlic base.								
144.02 145.08	2B: PILLOWED FLOW Schistose chloritic pillow basalt flow top. End Of Hole.								

R. J. Hegele

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P
						SIL	SER	CARB	
	veinlets scattered throughout.								
223.10 232.47	2E: LEUCOXENE BASALT Medium grey, fine to medium grained tholeiite medium grained with 4% calcite veins.								
232.47 238.34	2A: MASSIVE FLOW BASE Coarse grained foliated light green unit becoming finer grained downhole, bleached and sheared from 236.55 to 236.69.								
238.34 244.48	6C: DIORITE Two feldspar coarse-grained dyke in chloritized, foliated matrix, white feldspar are small, pink ones are large.								
244.48 247.48	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Well foliated with pink calcite bands throughout, becoming greener downhole.								
247.48 250.00	4A: (QUARTZ) CARBONATE SERICITE SCHIST Mixture of 15% quartz-calcite veins, 3% pyrite in siliceous sericite-chlorite schist.	2545	247.48 248.30	.82	.16	N/A	N/A	N/A	1.00
		2546	248.30 249.30	1.00	.05	N/A	N/A	N/A	2.00
		2547	249.30 250.00	.70	.17	N/A	N/A	N/A	3.00
250.00 250.28	4C: CHLORITE SERICITE SCHIST Contorted and well foliated.								
250.28 251.28	5D: QUARTZ CALCITE CHLORITE VEIN Quartz-calcite-chlorite vein.								
251.28 265.56	4C: CHLORITE SERICITE SCHIST Dark purple grey with local kinks and contortions, foliation is generally 45 dtca, bleached with 2% pyrite from 257.96 to 261.20 metres.	2548	257.96 258.70	.74	.02	N/A	N/A	N/A	1
		2549	258.70 259.50	.80	.03	N/A	N/A	N/A	2.00
		2550	259.50 260.30	.80	.03	N/A	N/A	N/A	2.00
		2551	260.30 261.20	.90	.04	N/A	N/A	N/A	1.00
		2552	265.00 265.55	.55	.14	N/A	N/A	N/A	tr

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P
						SIL	SER	CARB	
265.56 - 267.60	4C: CHLORITE SERICITE SCHIST Sericite and chlorite schist alt becoming more chloritic towards the end of hole, minor scattered quartz calcite veins. 267.60 End Of Hole.								

R J Hegalsh

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P
						SIL	SER	CARB	
	Foliated and banded with alternating bleached and chloritic bands and alternating pillow breccia with scattered calcite veins, patches of sericite schist throughout, more schistose downhole.								
145.00 151.06	4E: CHLORITE SCHIST With 10% scattered calcite quartz veins								
151.06 154.34	4E: CHLORITE SCHIST Grey green fol schist.								
154.34 157.54	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Grey green with 20% carbonate and pyd 1 to 3.	2568	154.34 155.34	1.00	.02	N/A	N/A	N/A	2.00
		2569	155.34 156.34	1.00	.35	N/A	N/A	N/A	2.00
		2570	156.34 157.53	1.19	.04	N/A	N/A	N/A	2.00
157.54 168.63	2B: PILLOWED FLOW Grey green with medium grained cores, minor pyrite in some selvages.	2571	162.73 163.60	.87	.02	N/A	N/A	N/A	1.00
168.63 173.76	2E: LEUCOXENE BASALT Flow top or lava with 20% calcite quartz veins to 172.15m, light grey fine grained tholeiite medium grained with scattered white flakes, increase foliation towards base of unit.								
173.76 178.61	2D: SYNVOLCANIC DIORITE SILLS Medium grained equigranular grey diorite with scattered basalt increases and chlorite schist increases, minor epidote calcite quartz veins increasing fol in last metre of core, foliation core axis 65. End Of Hole.								

RJ Siegelshki

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P
						SIL	SER	CARB	
67.83 75.46	2B: PILLOWED FLOW Dark green medium grained Fe-Tholeiite flow with large pillows.								
75.46 76.27	4E: CHLORITE SCHIST Pyritic chlorite schist and minor vein with 3% pyrite and pyrrhotite.	2573	75.46 77.27	1.81	.26	N/A	N/A	N/A	3.00
76.27 78.79	2A: MASSIVE FLOW BASE Light grey green, fine grained uniform lava.								
78.79 82.31	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Uniform with 20% calcite lenses.								
82.31 105.58	4C: CHLORITE SERICITE SCHIST Grey green with calcite and tourmaline veins, also blue quartz vein with trace chalcopryrite from 86.72 to 87.61m, gen foliated at 40d to core axis, contains 15% calcite lenses, contd with minor pyrite scattered throughout.	2574	86.72 87.61	.89	.02	N/A	N/A	N/A	tr
105.58 107.39	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained uniform light grey carbonate schist, foliation at 52d to core axis.								
107.39 116.33	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Green with calcite bands and scattered pyrite bands, avg 2% pyrite throughout.	2575 2576 2577 2578 2579	109.00 110.00 110.00 111.00 111.00 111.80 111.80 112.80 115.35 116.33	1.00 1.00 .80 1.00 .98	.01 .01 .01 .01 .03	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	N/A N/A N/A N/A N/A	2.00 2.00 2.00 1.00 tr
116.33 119.17	4A: (QUARTZ) CARBONATE SERICITE SCHIST Bleached with 6% pyrite, minor arsenopyrite in lenses.	2580 2581 2582 2583	116.33 117.00 117.00 117.70 117.70 118.41 118.41 119.17	.67 .70 .71 .76	2.42 4.82 .38 .14	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	7.00 7.00 5.00 3.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
119.17 128.57	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Green with calcite lenses, 3% pyrite from 121.22 to 126.7m.	2584	121.22 122.00	.78	.09	N/A	N/A	N/A	3.00
		2585	122.00 123.00	1.00	.03	N/A	N/A	N/A	3.00
		2586	123.00 124.00	1.00	.02	N/A	N/A	N/A	4.00
		2587	124.00 124.90	.90	.01	N/A	N/A	N/A	3.00
		2588	124.90 125.90	1.00	.04	N/A	N/A	N/A	2.00
		2589	125.90 126.70	.80	.02	N/A	N/A	N/A	3.00
128.57 135.40	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist and alternating chlorite lenses, very fissile at 50d to core axis, crs pyrite cubes from 134.14 to 135.4 metres.	2590	134.14 134.80	.66	.05	N/A	N/A	N/A	1.00
		2591	134.80 135.40	.60	.12	N/A	N/A	N/A	1.00
135.40 139.23	5E: QUARTZ CALCITE SERICITE VEIN With minor disseminated pyrite.	2592	135.40 136.20	.80	.20	N/A	N/A	N/A	5.00
		2593	136.20 137.03	.83	.01	N/A	N/A	N/A	tr
139.23 143.56	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Very chloritic schist in quartz and calcite veins.								
143.56 151.30	4C: CHLORITE SERICITE SCHIST Green to brown, pyritic from 146.46 to 146.76 metres.	2594	146.36 147.23	.87	.02	N/A	N/A	N/A	1.00
151.30 169.37	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Alternating calcite and chlorite bands, calcite veins locally contorted, foliation is at 55 degrees to the core axis. Very calcite rich from 160.06 to 161.87 metres and from 164.07 to 165.41 metres. Veins with minor pyrite from 165.41 to 169.37 metres.	2595	166.28 166.68	.40	.01	N/A	N/A	N/A	2.00
169.37 170.39	4C: CHLORITE SERICITE SCHIST Grey uniform paper schist.								
170.39 176.30	4C: CHLORITE SERICITE SCHIST Sheared with veins from 170.39 to 170.90 metres and from 170.90 to	2596	174.54 175.45	.91	.01	N/A	N/A	N/A	2.00
		2597	175.45 176.30	.85	.04	N/A	N/A	N/A	4.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% P
						SIL	SER	CARB		
176.30	metres.									
176.30 181.80	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Grey mottled marble with scattered quartz and calcite veins, heavily veined from 178.3 to 181.8 metres, local sericitic margins.									
181.80 186.81	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Brecciated and siliceous.									
186.81 203.68	6C: DIORITE Grey to brown, foliated equigranular medium grained intrusion alternating with fine grained green to black mylonite, scattered bleached calcite patches.									
203.68 213.36	7A: DIABASE DYKE Fine grained dark green chill changing to medium grained ophitic texture down the hole. End Of Hole.									

RJ Hoopes

Core size: BQ	Azimuth: 150	Grid:	
Drilled by: DOWNING DIAMOND DRILLING	Dip: -55	Purpose: TEST EAST	STRIKE EXTENSION OF WAKEM?
		Claim: 568505	
Started: OCT 17/88	ACID		
Finished: OCT 23/88	Depth Az Dip	Northing: 350 S	
	91.44 150.0-55.0	Easting: 3800 W	
Logged by: R. SHEGELSKI	182.88 150.0-45.8	Elevation:	
Date logged: OCT 23/88			
System: METRIC		Length: 225.00m	

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% Py
						SIL	SER	CARB		
.00 37.82	CASING									
37.82 43.08	2C: SCHISTOSE BASALT Brown, schistose, oxidized&limonitic.									
43.08 70.11	2A: MASSIVE FLOW BASE Weakly foliated, medium grained and equigranular with calcite and quartz veins from 53.85 to 54.56m.									
70.11 77.14	2A: MASSIVE FLOW BASE Fine grained chill top with quartz and calcite veins from upper contact to 72.88m, increased foliation downhole at 50d to core axis.									
77.14 82.28	2B: PILLOWED FLOW Grey green , fine grained schistose basalt.									
82.28 87.65	2E: LEUCOXENE BASALT Green chloritic schistose basalt with 0.3m of flow top tuff at upper contact, scattered calcite and quartz veins.									
87.65 89.30	4E: CHLORITE SCHIST Locally leached&oxidized, heavy foliation at 55d to core axis, ending	2598	87.65 88.50	.85	.02	N/A	N/A	N/A	2.00	
		2599	88.50 89.30	.80	.01	N/A	N/A	N/A	2.00	

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% P
						SIL	SER	CARB		

Medium grained ophitic diabase with rare calcite veins and 2cm feldspar crystals scattered throughout. End Of Hole.

RJ Megelsh

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% PY
						SIL	SER	CARB		

Dark fine grained border grading into
medium grained ophitic interior.
End Of Hole.

R J Hegelski

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
	ULTRAMAFICS Grey and carbonatized with quartz veins near upper contact and in middle, alteration is as buff and grey schistose wisps.								
32.78 - 39.78	4A: (QUARTZ) CARBONATE SERICITE SCHIST Light grey to buff schist, scattered quartz and dolomite augen and granular porphyroblasts.								
39.78 - 43.65	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Light grey, medium grained schistose rock with local highly bleached zones containing green micas thin quartz tourmaline veins.								
43.65 - 48.83	1B: KOMATIITIC BASALT Carbonatized dark green basalt with scattered dolomite rhombs, locally limonitic rhombs, also scattered sericite flecks throughout.								
48.83 - 50.57	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff and schistose with scattered chloritoid flakes, local bleached zones, ferroan dolomite forms layers which are weathered light brown.								
50.57 - 56.24	1A: GREY CARBONATED ULTRAMAFICS Light grey with local sericitic zones, schistose at 65 degrees to core axis.								
56.24 - 61.00	5F: COMPLETELY CARBONATED ROCK Heavily carbonatized schistose ultramafic, medium grey fine grained locally weathered to chocolate brown, minor pyrite near the lower contact.								
61.00 - 64.50	1A: GREY CARBONATED ULTRAMAFICS Grey carbonatized ultramafic with heavy quartz veins from 62 to 63.04	2607 2608	61.00 - 62.00 62.00 - 63.32	1.00 1.32	.05 .01	N/A N/A	N/A N/A	N/A N/A	tr 2.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
metres.									
64.50 71.37	5F: COMPLETELY CARBONATED ROCK Generally fine grained , medium grey with light pink quartz and calcite lenses , 1 metres of well banded and schistose carbonate.								
71.37 74.21	2B: PILLOWED FLOW Tholeiite medium grained basalt , slightly schistose , weakly pillowed light grey green with fine grained selvages and medium grained cores.								
74.21 76.33	2E: LEUCOXENE BASALT Light green medium grained with white flecks scattered throughout , possible dyke.								
76.33 79.80	2C: SCHISTOSE BASALT Tholeiite medium grained basalt , schistose and fine grained to medium grained , medium grey.								
79.80 80.86	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist with quartz veins, thin dolomite veins at upper and lower contacts local green mica.								
80.86 84.57	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist , buff to light grey with scattered small dark quartz dolomite veins , minor pyrite.	2609	83.00 83.70	.70	.01	N/A	N/A	N/A	tr
		2610	83.70 84.57	.87	.01	N/A	N/A	N/A	tr
84.57 96.97	5E: QUARTZ CALCITE SERICITE VEIN Heavily veined with pyrite scattered throughout.	2611	84.57 85.56	.99	.03	N/A	N/A	N/A	3.00
		2612	85.56 86.56	1.00	.01	N/A	N/A	N/A	3.00
		2613	86.56 87.05	.49	.04	N/A	N/A	N/A	3.00
		2614	87.05 87.60	.55	.03	N/A	N/A	N/A	7.00
		2615	87.60 88.30	.70	.08	N/A	N/A	N/A	8.00
		2616	88.30 88.80	.50	.02	N/A	N/A	N/A	7.00
		2617	88.80 89.36	.56	.06	N/A	N/A	N/A	8.00
		2618	89.36 90.00	.64	.01	N/A	N/A	N/A	6.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P	
						SIL	SER	CARB		
		2619	90.00	91.00	1.00	.01	N/A	N/A	N/A	tr
		2620	91.00	92.00	1.00	.01	N/A	N/A	N/A	tr
		2621	92.00	92.80	.80	.02	N/A	N/A	N/A	3.00
		2622	92.80	93.36	.56	.01	N/A	N/A	N/A	1.00
		2623	93.36	93.90	.54	.02	N/A	N/A	N/A	2.00
		2624	93.90	95.00	1.10	.01	N/A	N/A	N/A	1.00
		2625	95.00	96.00	1.00	.01	N/A	N/A	N/A	1.00
		2626	96.00	96.97	.97	.01	N/A	N/A	N/A	2.00
96.97	106.55 4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist and buff carbonate rock , generally fine grained locally foliated with grey quartz and dolomite veins , scattered pyrite from 101 to 101.8 metres.	2633	101.00	101.80	.80	.03	N/A	N/A	N/A	2.00
106.55	111.10 2B: PILLOWED FLOW Tholeiite medium grained flow top breccia with quartz cement.									
111.10	118.39 2A: MASSIVE FLOW BASE Light grey flow base with sericite alteration , schistosity at 60 degrees to core axis , generally foliated and coarse grained at top becoming fine grained downhole.									
118.39	122.54 1D: ULTRAMAFIC FLOW BASE Medium grey with foliated pyroxenes , locally foliated or contorted and bleached to steatite.									
122.54	124.91 3B: GRAPHITIC PYRITIC SCHIST Black , fissile with milky quartz veins and vein breccia , 5% scattered pyrite , local red hematite stain.									
124.91	127.24 4F: CARBONATED ULTRAMAFIC FLOW BASE Medium grey , foliated rock with steatite.									
127.24	129.92 3B: GRAPHITIC PYRITIC SCHIST Black schist with 15% pyrite , local	2634	128.50	129.00	.50	.04	N/A	N/A	N/A	70.00

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
	hematite stain , and pyrite concentrated from 128.5 to 129.0 metres.								
129.92 145.99	2D: SYNVOLCANIC DIORITE SILLS Medium to dark grey, fine grained to medium grained equigranular rock , becoming coarser downhole.								
145.99 157.60	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Dark blue grey soapstone schist with white dolomite segregations.								
157.60 158.13	5C: QUARTZ CALCITE VEIN Coarse milky quartz dolomite vein.								
158.13 165.81	1A: GREY CARBONATED ULTRAMAFICS Light grey , silicified carbonatized ultramafic cut by 10% grey quartz dolomite veins and a small diabase dyke near the end of the hole. End Of Hole.								

R J Hege

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% Py	
						SIL	SER	CARB		
68.79 70.38	2C: SCHISTOSE BASALT Fine grained dark green basalt with scattered veins and trace pyrite cubes , possible chill flow top to pillow basalt.									
70.38 79.64	1A: GREY CARBONATED ULTRAMAFICS Fine grained to medium grained , light grey schist , foliated at 55 degrees to core axis.									
79.64 88.87	1A: GREY CARBONATED ULTRAMAFICS Medium grey uniform medium grained ultramafic with 3mm dolomite rhombs , schistose white dolomite bands , rare 50cm veins without pyrite.									
88.87 93.96	4C: CHLORITE SERICITE SCHIST Alteration as buff and green schistose bands , foliation 70 degrees to core axis , poorly veined but 1% pyrite is scattered near the lower contact.	2635 2636	91.47 92.50	92.50 93.45	1.03 .95	.01 .01	N/A N/A	N/A N/A	N/A N/A	2.00 2.00
93.96 103.94	1A: GREY CARBONATED ULTRAMAFICS Knobby texture to fine grained carbonatized ultramafic with scattered quartz tourmaline dolomite veins , local sericitic vein margins.									
103.94 111.12	2E: LEUCOXENE BASALT Dark green , fine grained becoming medium grained and lighter green at 107 metres , grading down into pillowed flow.									
111.12 120.23	2B: PILLOWED FLOW Dark green pillow basalt with coarse grained cores.									
120.23 122.67	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff fine grained sericite schist with scattered quartz dolomite veins and minor sulfides.	2637 2638 2639	120.23 120.70 121.32	120.70 121.32 122.00	.47 .62 .68	1.31 .12 .01	N/A N/A N/A	N/A N/A N/A	N/A N/A N/A	4.00 2.00 1.00

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			
						SIL	SER	CARB	% PY
166.93 172.69	4A: (QUARTZ) CARBONATE SERICITE SCHIST Sericitic schist with 5% black quartz dolomite veins, foliation is at 70 degrees to core axis.	2649	171.78 172.00	.22	.04	N/A	N/A	N/A	5.00
172.69 182.90	1D: ULTRAMAFIC FLOW BASE Schistose near upper contact, sericitic becoming grey with chloritized pyroxene phenocrysts downhole.								
182.90 185.62	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS 50 Cm of gouge zone at upper contact, dark green to black soapstone. End Of Hole.								

R. J. Hegelstki

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% Py
						SIL	SER	CARB	
	tourmaline dolomite veins , veins have brecciated texture , sericite schist is buff brown and contorted.								
91.37 102.68	2E: LEUCOXENE BASALT Fine grained at the top becoming medium grained and lighter green below 94 metres to 99.96 metres with a chill contact below this point to the lower contact.								
102.68 113.62	1B: KOMATIITIC BASALT Generally fissile , variably altered , with a silica zone containing minor pyrite from 107.38 to 110.25 metres.								
113.62 116.02	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained buff carbonate rock (including calcite) with increasing fissility and sericite content towards the lower contact.								
116.02 120.60	5D: QUARTZ CALCITE CHLORITE VEIN Black with wallrock breccia , 2% pyrite and 1% arsenopyrite , local green wallrock inclusions.	2650	116.02 116.82	.80	.06	N/A	N/A	N/A	1.00
		2651	116.82 117.63	.81	.02	N/A	N/A	N/A	1.00
		2652	117.63 118.24	.61	1.09	N/A	N/A	N/A	4.00
		2653	118.24 118.82	.58	.05	N/A	N/A	N/A	3.00
		2654	118.82 119.40	.58	.60	N/A	N/A	N/A	4.00
		2655	119.40 120.00	.60	.78	N/A	N/A	N/A	4.00
		2656	120.00 120.60	.60	.24	N/A	N/A	N/A	1.00
120.60 122.64	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff fissile with light green bands , soft schist with minor veins.								
122.64 131.70	5C: QUARTZ CALCITE VEIN Dark brecciated quartz carbonate vein with 3% pyrite , 1% arsenopyrite and a metre of sericite schist footwall.	2657	122.64 123.50	.86	.02	N/A	N/A	N/A	tr
		2658	123.50 124.30	.80	.01	N/A	N/A	N/A	tr
		2659	124.30 125.10	.80	.01	N/A	N/A	N/A	tr
		2660	125.10 125.70	.60	.39	N/A	N/A	N/A	3.00
		2661	125.70 126.30	.60	.06	N/A	N/A	N/A	2.00
		2662	126.30 126.90	.60	.03	N/A	N/A	N/A	2.00
		2663	126.90 127.50	.60	.01	N/A	N/A	N/A	2.00
		2664	127.50 128.10	.60	.02	N/A	N/A	N/A	tr

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2665	128.10	128.80	.70	.10	N/A	N/A	N/A	4.00
		2666	128.80	129.80	1.00	.02	N/A	N/A	N/A	1.00
		2667	129.80	130.56	.76	.04	N/A	N/A	N/A	tr
		2668	130.56	131.70	1.14	.01	N/A	N/A	N/A	tr
131.70	153.50	1A: GREY CARBONATED ULTRAMAFICS Sericitic in the first two metres grading from light grey to dark grey at 136.6 metres, below it is uniform fine grained to medium grained with minor scattered calcite veins.								
153.50	163.94	2B: PILLOWED FLOW Dark green fine grained to medium grained pillowed basalt with local feldspar porphyritic cores or medium grained bleached cores.								
163.94	177.32	1D: ULTRAMAFIC FLOW BASE Probable ultramafic flow base now schistose variably bleached rock with mafic flecks throughout, locally the flecks are altered to fuchsite.								
		2669	172.47	173.05	.58	.01	N/A	N/A	N/A	1.00
		2670	174.83	176.30	1.47	.01	N/A	N/A	N/A	2.00
177.32	187.73	6C: DIORITE Medium grey, medium grained equigranular rock with several brown sulfidic chill zones towards the lower contact from 184.0 to 187.73 metres.								
		2671	186.57	187.74	1.17	.01	N/A	N/A	N/A	3.00
187.73	190.50	6C: DIORITE Medium grey medium grained equigranular intrusion.								
190.50	193.78	6C: DIORITE Fine grained chilled contact with carbonatized and pyritic zones.								
		2672	190.80	192.00	1.20	.02	N/A	N/A	N/A	2.00
		2673	192.00	192.87	.87	.01	N/A	N/A	N/A	tr
		2674	192.87	193.78	.91	.06	N/A	N/A	N/A	6.00
193.78	199.76	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Fine grained black soapstone with								

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				% PY
						SIL	SER	CARB		

minor quartz calcite veins , minor
gouge near the upper contact.
End Of Hole.

R J Shegelski

Core size: BQ Azimuth: 150 Grid:
 Drilled by: DOWNING DIAMOND DRILLING Dip: -50 Purpose: TEST WEST EXTENT OF IP & DDH INTERCEPT
 Claim: 568498
 Started: OCT 30/88 TROPARI
 Finished: OCT 31/88 Depth Az Dip Northing: 750 S
 134.41 154.0-43.0 Easting: 3100 W
 Elevation:
 Logged by: R. SHEGELSKI
 Date logged: NOV 3/88
 System: METRIC Length: 134.41m

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION				
						SIL	SER	CARB	% P	
.00 20.62	CASING									
20.62 29.49	2C: SCHISTOSE BASALT Schistose medium green grey basalt , foliated at 60 degrees to core axis , contains fine grained schistose selvages and medium grained cores , milky quartz veins are scattered throughout.									
29.49 31.15	2A: MASSIVE FLOW BASE Fine grained medium green uniform lava.									
31.15 43.76	2A: MASSIVE FLOW BASE Tholeiite medium grained , upper contact is the base and is coarse grained to medium grained becoming fine grained downhole.									
43.76 52.50	2B: PILLOWED FLOW Flow top to flow base consists of schistose selvages , medium grained cores with scattered milky quartz veins and overall green grey colour.									
52.50 64.60	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff schistose rock with milky quartz veins in the last 2.5 metres of core , also have an internal greyer pyritic schist from 56.92 to 59.42 metres.	2675 2676 2677 2678	52.50 53.50 54.50 55.93 56.92	53.50 54.50 55.93 56.92	1.00 1.00 1.43 .99	.02 .03 .01 .01	N/A N/A N/A N/A	N/A N/A N/A N/A	N/A N/A N/A N/A	tr 1.00 tr tr

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% P	
						SIL	SER	CARB		
		2679	56.92	58.08	1.16	.02	N/A	N/A	N/A	tr
		2680	58.08	59.43	1.35	.01	N/A	N/A	N/A	1.00
		2681	59.43	60.50	1.07	.02	N/A	N/A	N/A	1.00
		2682	60.50	61.50	1.00	.02	N/A	N/A	N/A	tr
		2683	61.50	62.50	1.00	.03	N/A	N/A	N/A	tr
		2684	62.50	63.60	1.10	.01	N/A	N/A	N/A	tr
		2685	63.60	64.60	1.00	.03	N/A	N/A	N/A	tr

64.60 74.56 2E: LEUCOXENE BASALT
 Alternating dark green banded schist and dark green fine grained rock with carbonate rhombs, locally the alteration zones are heavily replaced by white calcite and contain remnant light pink leucoxene flakes, locally very schistose with various angles to the core axis, gradational lower contact.

74.56 83.17 2B: PILLOWED FLOW
 Medium green with fine grained selvages and medium grained cores.

83.17 91.65 2A: MASSIVE FLOW BASE

91.65 104.68 4A: (QUARTZ) CARBONATE SERICITE SCHIST
 Chilled and bleached in first 3 metres, medium grey green with fine grained matrix and scattered feldspar phenocrysts, coarser grained downhole with more carbonate chlorite alteration towards the lower contact. Mixed dark quartz dolomite vein and sericite schist with trace disseminated pyrite, contains barren sericite schist from 92.66 to 96.11 metres with foliation at 75 degrees to core axis, digested brecciated volcanics occur from 99.13 to 92.25 metres.

2686	91.65	92.66	1.01	.02	N/A	N/A	N/A	tr
2687	96.11	97.59	1.48	.02	N/A	N/A	N/A	tr
2688	97.59	98.58	.99	.62	N/A	N/A	N/A	2.00
2689	98.58	99.10	.52	.04	N/A	N/A	N/A	1.00
2690	99.10	100.25	1.15	.03	N/A	N/A	N/A	tr
2691	100.25	101.49	1.24	.01	N/A	N/A	N/A	tr
2692	101.49	102.20	.71	.01	N/A	N/A	N/A	1.00
2693	102.20	102.95	.75	.02	N/A	N/A	N/A	1.00
2694	102.95	103.82	.87	.01	N/A	N/A	N/A	2.00
2695	103.82	104.68	.86	.09	N/A	N/A	N/A	1.00

104.68 108.28 1A: GREY CARBONATED ULTRAMAFICS
 Light grey fine grained green silicified volcanic.

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% Py
						SIL	SER	CARB	
108.28 121.24	2C: SCHISTOSE BASALT Medium grey green fine grained and possibly pillowed lava with local siliceous pyritic banded zones as at 114.64 to 115.14 metres and 117.54 to 118.03 metres.	2696	114.64 115.14	.50	.02	N/A	N/A	N/A	1.00
		2697	117.54 118.03	.49	.01	N/A	N/A	N/A	3.00
121.24 131.97	4F: CARBONATED ULTRAMAFIC FLOW BASE Fine grained vesicular to amygdaloidal top is also bleached and carbonatized to light grey rock becoming medium grained with mafic phenocrysts below 127.23 metres.								
131.97 134.41	2A: MASSIVE FLOW BASE Tholeiite medium grained, with equigranular flow base with a light green feldspar intergrowth. End Of Hole.								

R J Fitzgerald

Interval (m)	-----Description-----	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
	Light grey , locally uniform and medium grained with calcite rhombs , developing contorted schistosity one metres below the upper contact , coarse quartz dolomite veins are concentrated near the lower contact.								
74.55 80.03	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fissile buff schist with 10% veins , scattered minor pyrite , local barren buff carbonate rock zones.	2699	74.55 75.35	.80	.01	N/A	N/A	N/A	1.00
		2700	77.50 78.58	1.08	.02	N/A	N/A	N/A	1.00
		2701	78.58 79.50	.92	.01	N/A	N/A	N/A	tr
		2702	79.50 80.03	.53	.01	N/A	N/A	N/A	tr
80.03 91.28	2E: LEUCOXENE BASALT Heavily carbonated and chloritized , containing rhombs of ferroan dolomite green chloritic matrix varying from fine grained to medium grained to schistose with bleached carbonate patches.	2703	80.03 81.00	.97	.03	N/A	N/A	N/A	1.00
91.28 100.82	2E: LEUCOXENE BASALT As above but schistose and foliated at 60 degrees to core axis , rare carbonate zones with fuchsite flakes.								
100.82 112.62	2E: LEUCOXENE BASALT Medium green , fine grained top becoming light grey and medium grained below 105.15 metres.								
112.62 120.02	2C: SCHISTOSE BASALT Medium green , fine grained basalt , becoming more schistose with increasing veins and pyrite downhole.								
120.02 129.64	4A: (QUARTZ) CARBONATE SERICITE SCHIST Buff sericite schist with scattered quartz ankerite veins , scattered pyrite especially in veins with minor arsenopyrite near the lower contact as from 126.30 to 127.85 metres.	2704	120.02 121.56	1.54	.02	N/A	N/A	N/A	tr
		2705	121.56 122.32	.76	.08	N/A	N/A	N/A	tr
		2706	122.32 122.73	.41	.03	N/A	N/A	N/A	2.00
		2707	122.73 123.26	.53	.02	N/A	N/A	N/A	tr
		2708	123.26 124.50	1.24	.01	N/A	N/A	N/A	tr
		2709	124.50 126.00	1.50	.02	N/A	N/A	N/A	tr
		2710	126.00 126.75	.75	.02	N/A	N/AS	N/A	tr

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
						SIL	SER	CARB		
		2711	126.75	127.30	.55	.22	N/A	N/A	N/A	1.00
		2712	127.30	127.85	.55	.72	N/A	N/A	N/A	4.00
		2713	127.85	128.75	.90	.02	N/A	N/A	N/A	tr
		2714	128.75	129.64	.89	.03	N/A	N/A	N/A	tr
129.64	144.22	1B: KOMATIITIC BASALT Carbonatized grey , fine grained uniform to foliated rock , scattered milky quartz veins with trace pyrite , local bleached schistose sections with minor fuchsite flakes.								
144.22	149.00	2C: SCHISTOSE BASALT Schistose basalt with a bleached upper contact and scattered quartz pyrite chlorite veins.								
		2715	147.82	148.50	.68	.01	N/A	N/A	N/A	1.00
149.00	159.26	1A: GREY CARBONATED ULTRAMAFICS Medium grey schist with scattered amygdules and flattened mafic phenocrysts.								
159.26	162.18	2A: MASSIVE FLOW BASE Grey green fine grained, equigranular uniform lava.								
162.18	164.40	4C: CHLORITE SERICITE SCHIST Grey fine grained equigranular carbonate alteration.								
164.40	169.85	4C: CHLORITE SERICITE SCHIST Brown grey fissile schist , foliated at 55 degrees to core axis.								
169.85	181.15	4A: (QUARTZ) CARBONATE SERICITE SCHIST Calcite sericite schist with scattered pyrite layers and blebs , scattered chloritoid.								
		2716	169.85	170.70	.85	.20	N/A	N/A	N/A	8.00
		2717	170.70	171.55	.85	.03	N/A	N/A	N/A	4.00
		2718	171.55	172.33	.78	.01	N/A	N/A	N/A	3.00
		2719	172.33	173.20	.87	.02	N/A	N/A	N/A	3.00
		2720	173.20	174.02	.82	.01	N/A	N/A	N/A	6.00
		2721	174.02	175.26	1.24	.02	N/A	N/A	N/A	2.00
		2722	175.26	176.22	.96	.01	N/A	N/A	N/A	2.00
		2723	176.22	177.40	1.18	.04	N/A	N/A	N/A	4.00

Interval (m) -----Description-----

Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY	
				SIL	SER	CARB		
2724	177.40	178.41	1.01	.01	N/A	N/A	N/A	4.00
2725	178.41	179.58	1.17	.02	N/A	N/A	N/A	4.00
2726	179.58	180.25	.67	.01	N/A	N/A	N/A	4.00
2727	180.25	181.15	.90	.02	N/A	N/A	N/A	7.00

181.15 184.40 1A: GREY CARBONATED ULTRAMAFICS
 Fine grained uniform carbonatized rock
 , light grey with scattered thin
 calcite veins.
 End Of Hole.

R J Fogelsh

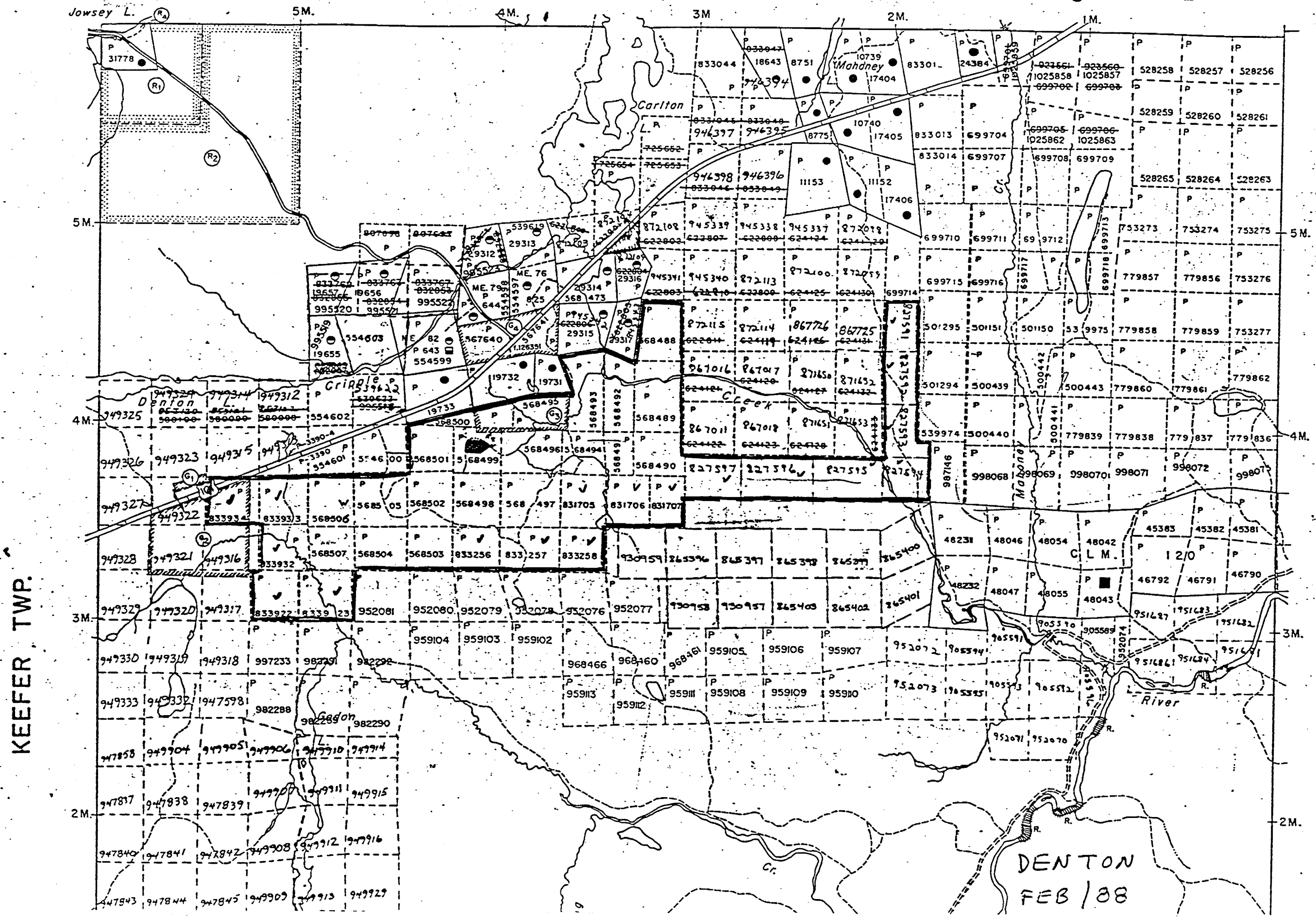
Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% PY
						SIL	SER	CARB	
34.65 35.70	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Quartz chlorite schist.								
35.70 46.30	2A: MASSIVE FLOW BASE Medium grained to coarse grained , chloritic flow base.								
46.30 50.55	2E: LEUCOXENE BASALT Dark green , medium grained , foliation 69 degrees to core axis.								
50.55 51.25	5C: QUARTZ CALCITE VEIN Quartz dolomite vein.								
51.25 72.00	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained sericite schist with scattered quartz veins , minor pyrite and arsenopyrite throughout , minor talc.	16	61.00 62.50	1.50	.13	N/A	N/A	N/A	tr
72.00 74.50	4C: CHLORITE SERICITE SCHIST Chlorite sericite schist with fuchsite flakes , foliation at 50 degrees to core axis.								
74.50 83.18	4B: (QUARTZ) CARBONATE CHLORITE SCHIST Fine grained , dark green schist with 50% quartz veins.								
83.18 86.37	2A: MASSIVE FLOW BASE Medium grained , chloritic schist with 7% veins.								
86.37 105.20	4A: (QUARTZ) CARBONATE SERICITE SCHIST Fine grained , schistose and carbonatized with foliation at 60 degrees to core axis , zone with pyrite 7 arsenopyrite from 88 to 95.5 metres and from 101.5 to 104 metres.	32 33	89.50 90.00 90.00 91.00	.50 1.00	6.93 .07	N/A N/A	N/A N/A	N/A N/A	4.00 1.00

Interval (m)	Description	Sample No.	Interval (m)	Length (m)	Au (g/t)	ALTERATION			% Py
						SIL	SER	CARB	
	pyrrhotite from 155.2 to 160.8 metres.								
160.80 161.10	5C: QUARTZ CALCITE VEIN Quartz dolomite vein.								
161.10 167.70	1D: ULTRAMAFIC FLOW BASE Coarse grained centre , medium grained margins.								
167.70 189.00	1C: SERPENTINITE AND SCHISTOSE ULTRAMAFICS Fine grained , talcose soapstone schist End Of Hole.								

RJ Hregalski

CARSCALLEN TWP.

Figure 1B



KEEFER TWP.

THORNELOE TWP.

DENTON
FEB 188

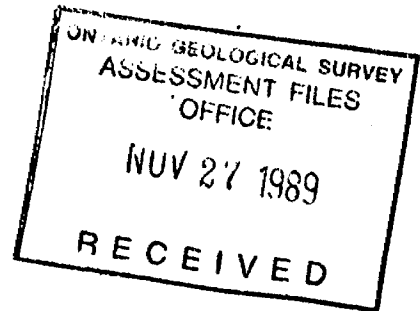
APPENDIX II

DIRECTORY

WAKEMAC AREA

LEGEND

SECTION	43+00W,	HOLE	DE88-1
SECTION	40+50W,	HOLE	DE88-2
SECTION	41+30W,	HOLE	DE88-3
SECTION	40+10W,	HOLE	DE88-4
SECTION	40+10W,	HOLES	DE88-4, 5
COMPOSITE SECTION		HOLES	DE88-2, 4, 5
SECTION	38+00W,	HOLE	DE88-6
PLAN 3650W to 4450W,		HOLES	DE88-1 to 6



SCOTT SHEAR ZONE

LEGEND

SECTION	32+00W,	HOLE	DE88-7
SECTION	34+00W,	HOLE	DE88-8
SECTION	33+00W,	HOLE	DE88-9
SECTION	33+50W,	HOLE	DE88-10
COMPOSITE SECTION		HOLES	DE88-8, 9, 10
SECTION	31+00W,	HOLES	DE88-11, 12
SECTION	30+00W,	HOLE	DE85-8
PLAN 3000W TO 3450W,		HOLES	DE88-7 to 12 and DE85-8

LEGEND



Casing

ULTRAMAFIC VOLCANIC ROCKS



1A: Grey Carbonated Ultramafics



1B: Komatiitic Basalt



1C: Serpentinite and Schistose Ultramafics



1D: Ultramafic Flow Base

MAFIC VOLCANIC ROCKS



2A: Massive Flow Base



2B: Pillowed Flow



2C: Schistose Basalt



2D: Synvolcanic Diorite Sills



2E: Leucoxene Basalt

FELSIC VOLCANIC ROCKS



3A: Schistose Volcanics



3B: Graphitic Pyritic Schist

ALTERED VOLCANIC ROCKS AND RELATED TUFFS



4A: (Quartz) Carbonate Sericite Schist



4B: (Quartz) Carbonate Chlorite Schist



4C: Chlorite Sericite Schist



4D: Talc Chlorite Schist



4E: Chlorite Schist



4F: Carbonated Ultramafic Flow Base



5A: Silicified Shear Zone



5B: Fault Gouge



5C: Quartz Calcite Vein



5D: Quartz Calcite Chlorite Vein



5E: Quartz Calcite Sericite Vein



5F: Completely Carbonated Rock

KENORAN INTRUSIVES



6A: Granite



6B: Granodiorite



6C: Diorite

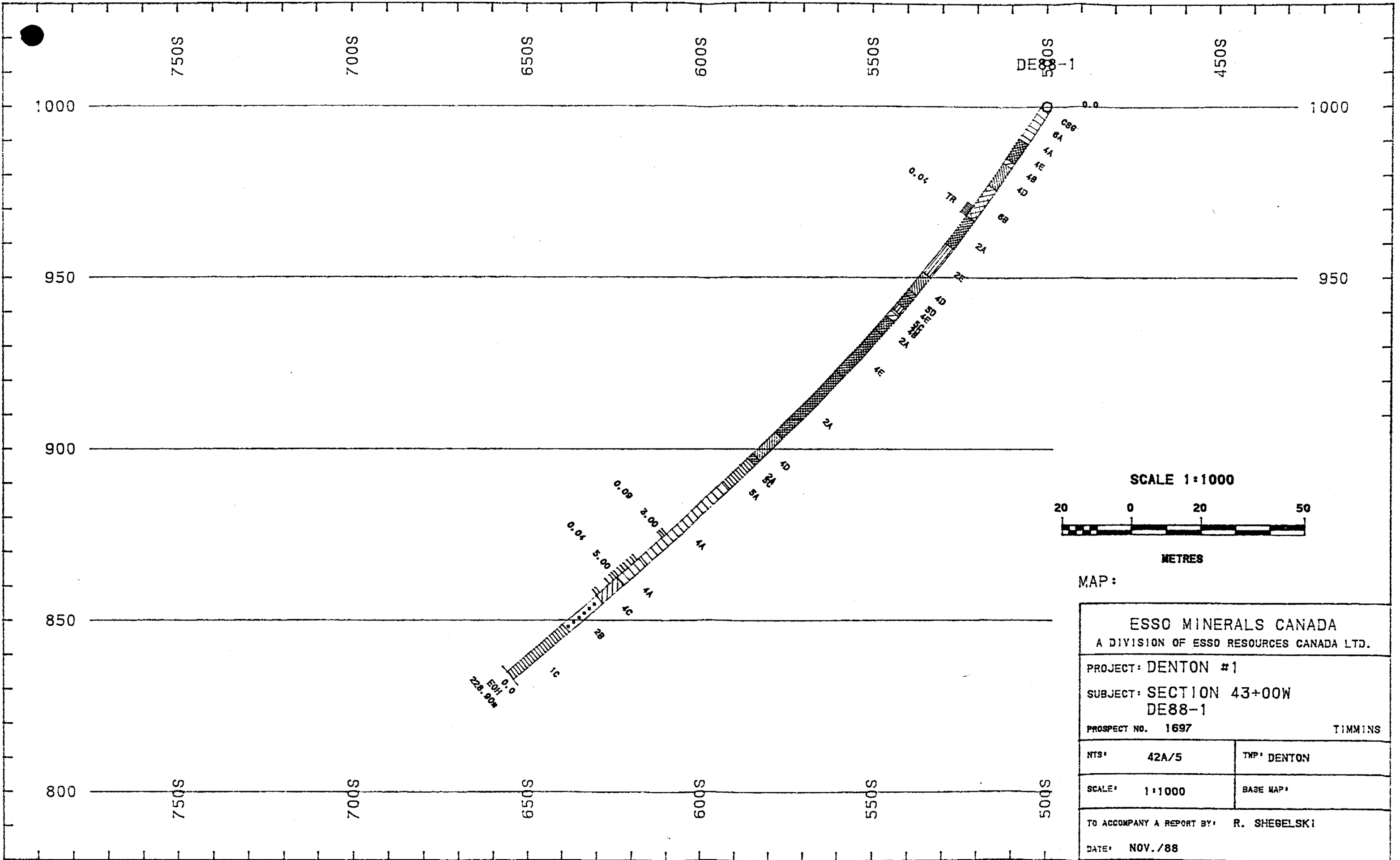
LATE MAFIC INTRUSIVE ROCKS



7A: Diabase Dyke



7B: Quartz Diabase Dyke



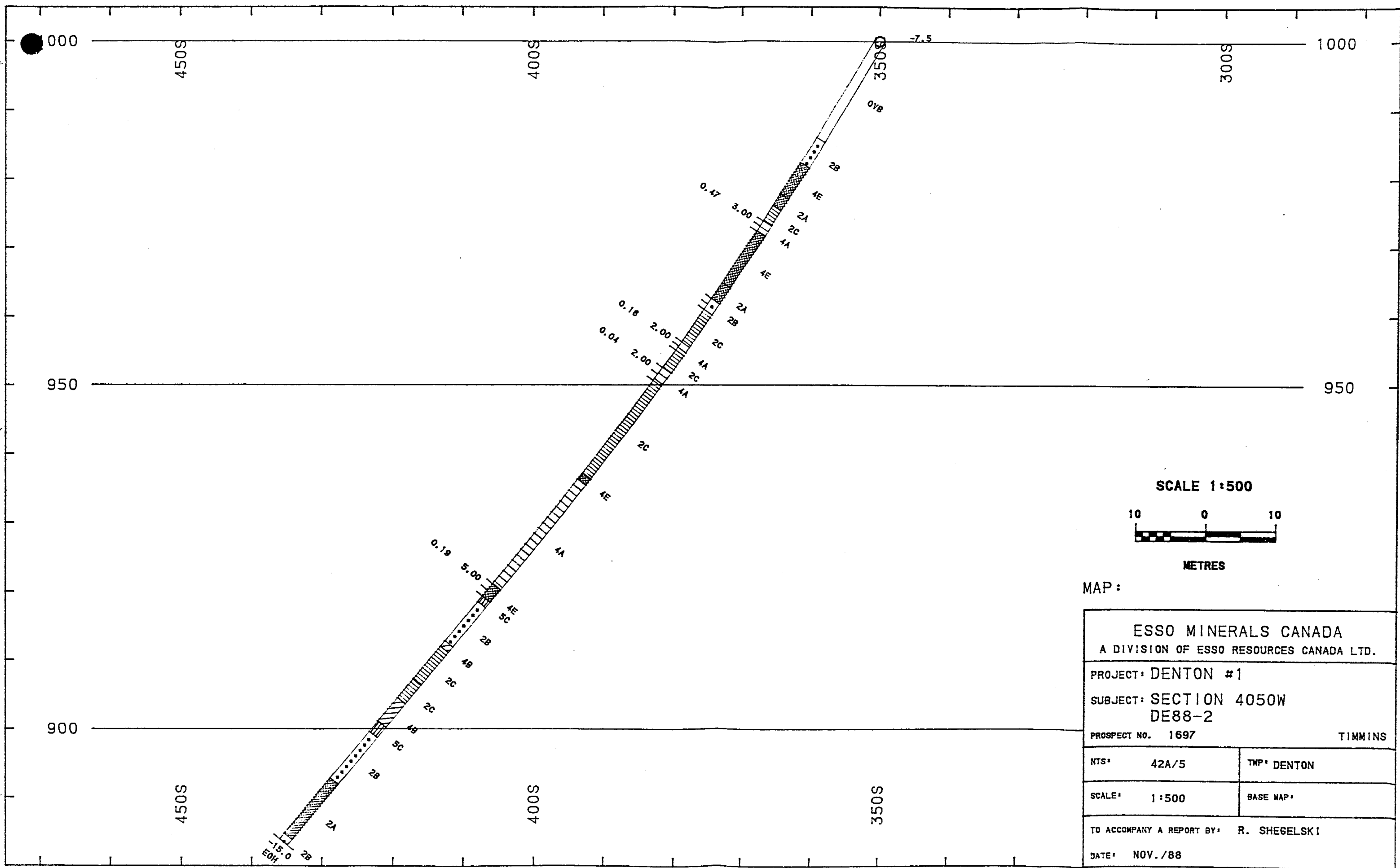
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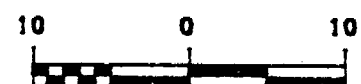
METRES

MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 43+00W DE88-1	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



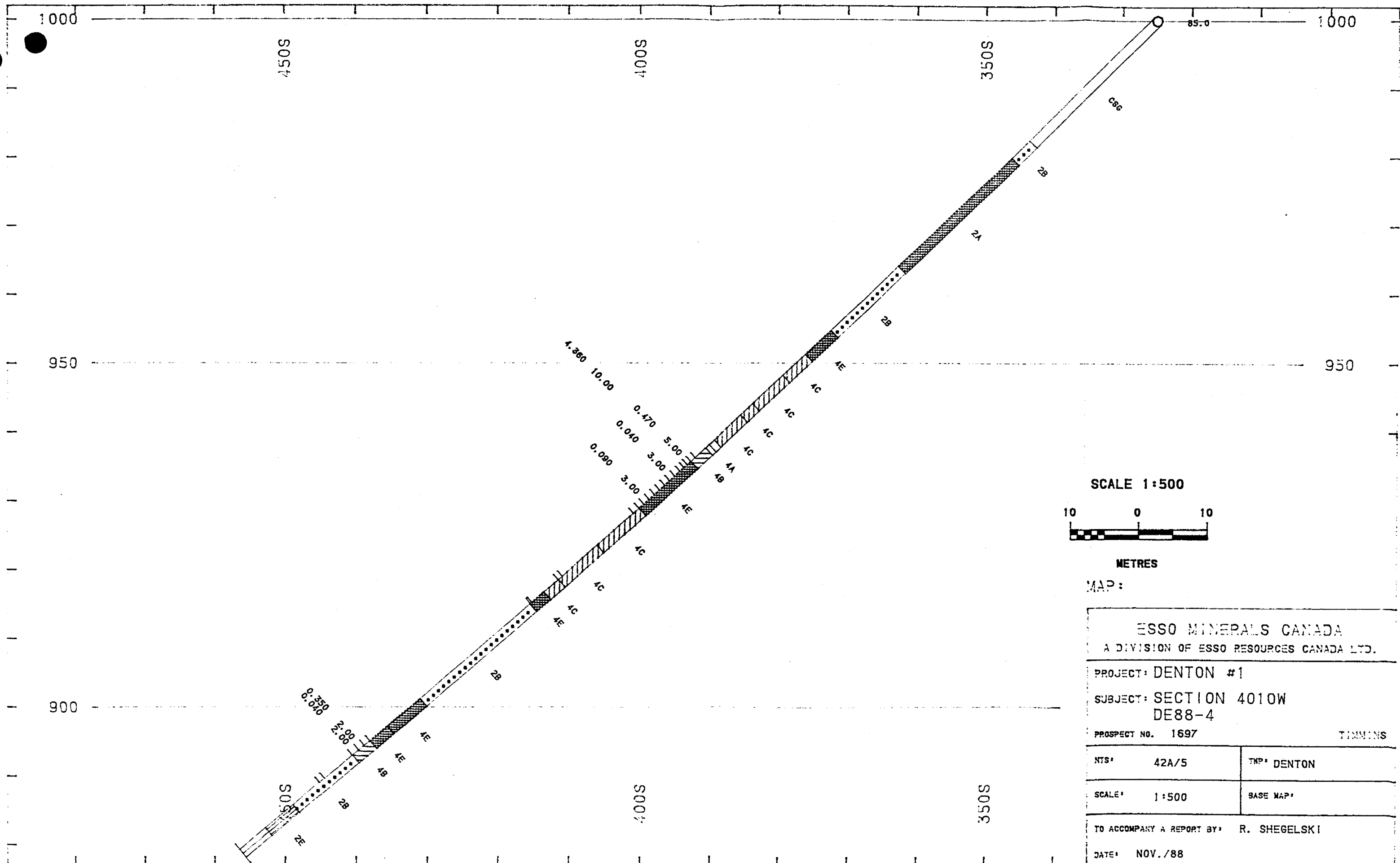
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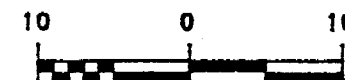
METRES

MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 4050W DE88-2</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TWP: DENTON</p>
<p>SCALE: 1:500</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



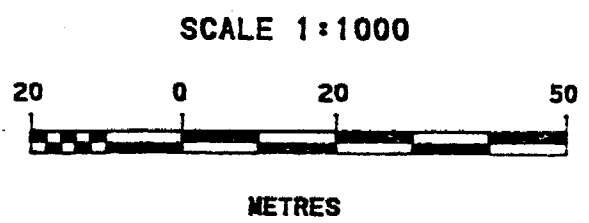
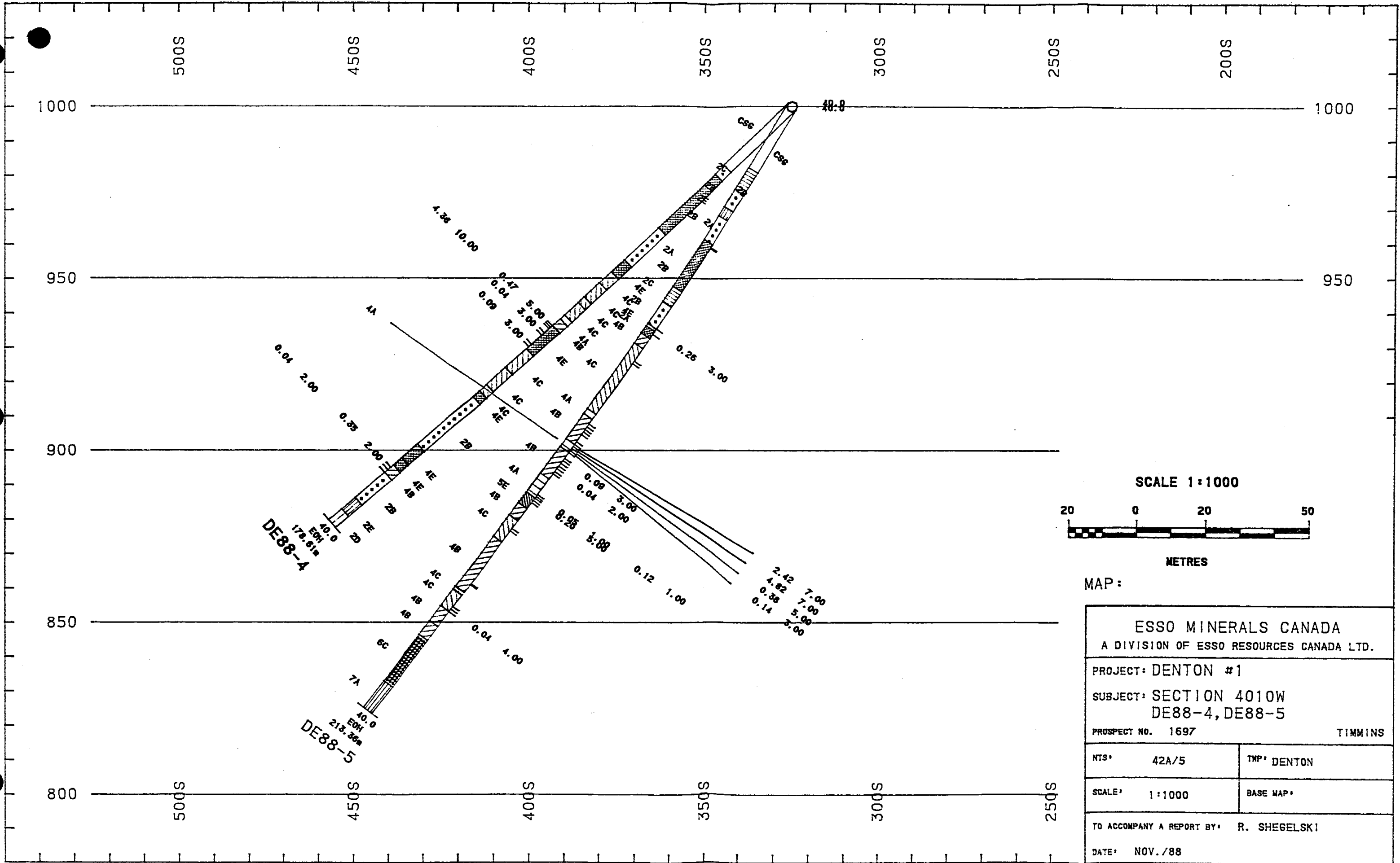
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METRES

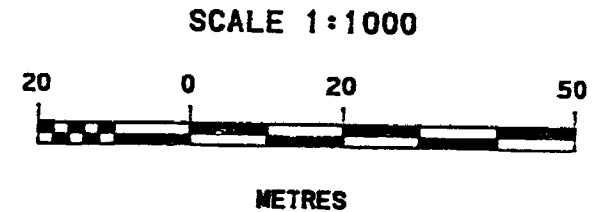
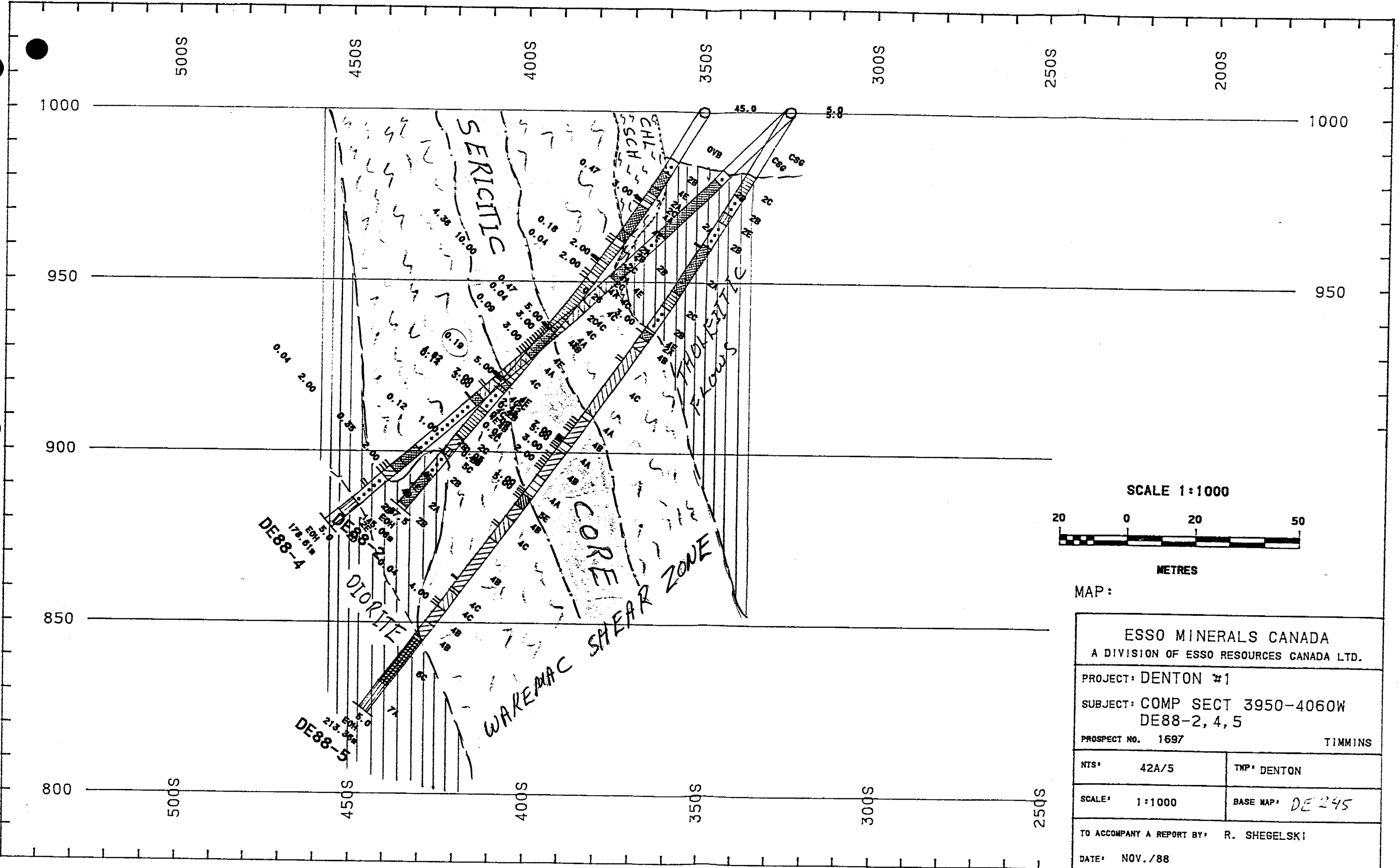
MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 4010W DE88-4</p>	
<p>PROSPECT NO. 1697 TIMMINS</p>	
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:500</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV. /88</p>	



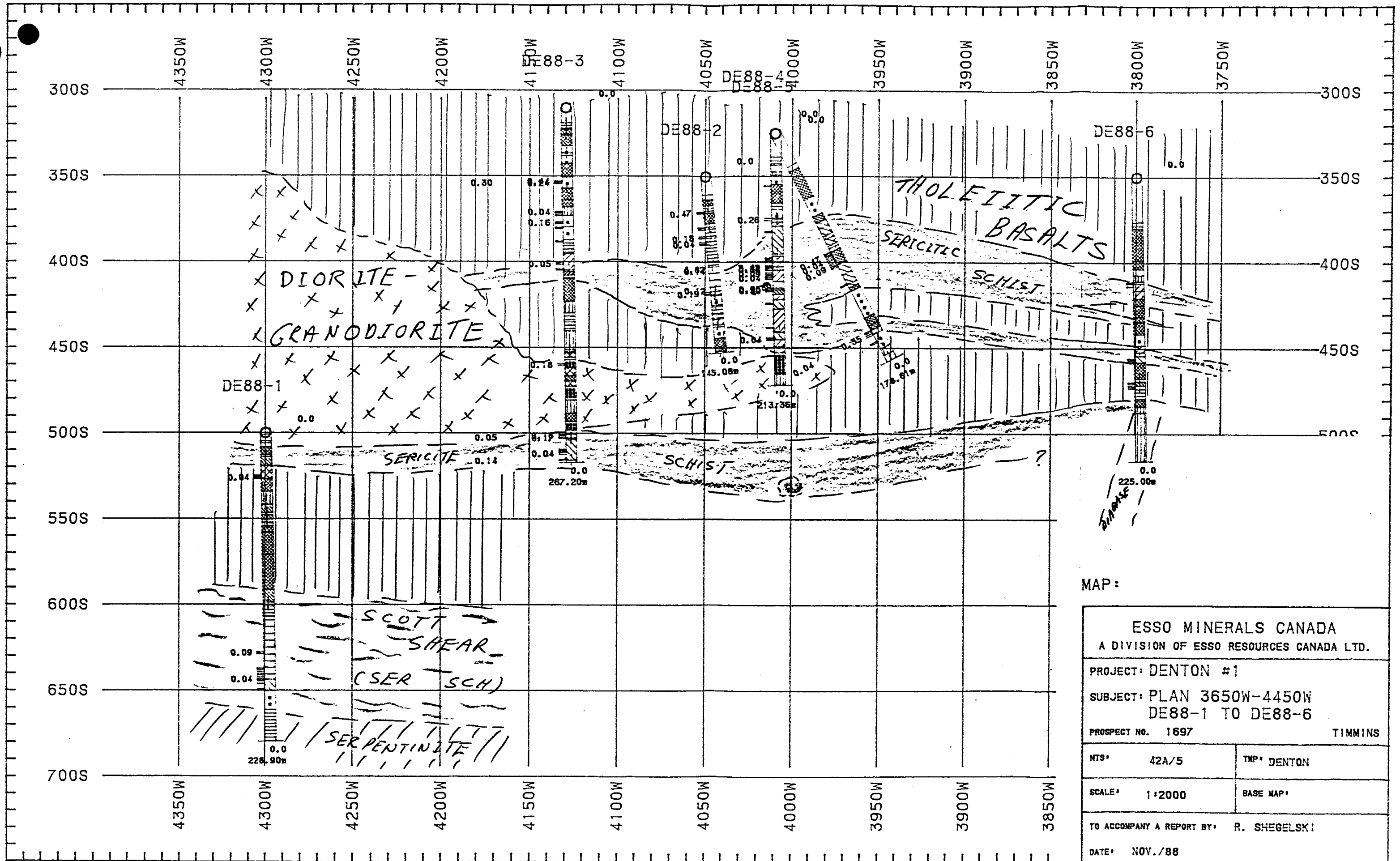
MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 4010W DE88-4, DE88-5</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TWP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: COMP SECT 3950-4060W DE88-2, 4, 5	
PROSPECT NO. 1697 TIMMINS	
NTS: 42A/5	TWP: DENTON
SCALE: 1:1000	BASE MAP: DE 245
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV. /88	







MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: PLAN 3650W-4450W DE88-1 TO DE88-6</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:2000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	






LEGEND

 Casing

ULTRAMAFIC VOLCANIC ROCKS

 1A: Grey Carbonated Ultramafics
 1B: Komatiitic Basalt
 1C: Serpentinite and Schistose Ultramafics
 1D: Ultramafic Flow Base







MAFIC VOLCANIC ROCKS







 2A: Massive Flow Base
 2B: Pillowed Flow
 2C: Schistose Basalt
 2D: Synvolcanic Diorite Sills
 2E: Leucoxene Basalt

FELSIC VOLCANIC ROCKS




 3A: Schistose Volcanics
 3B: Graphitic Pyritic Schist

ALTERED VOLCANIC ROCKS AND RELATED TUFFS



 4A: (Quartz) Carbonate Sericite Schist
 4B: (Quartz) Carbonate Chlorite Schist
 4C: Chlorite Sericite Schist
 4D: Talc Chlorite Schist
 4E: Chlorite Schist
 4F: Carbonated Ultramafic Flow Base

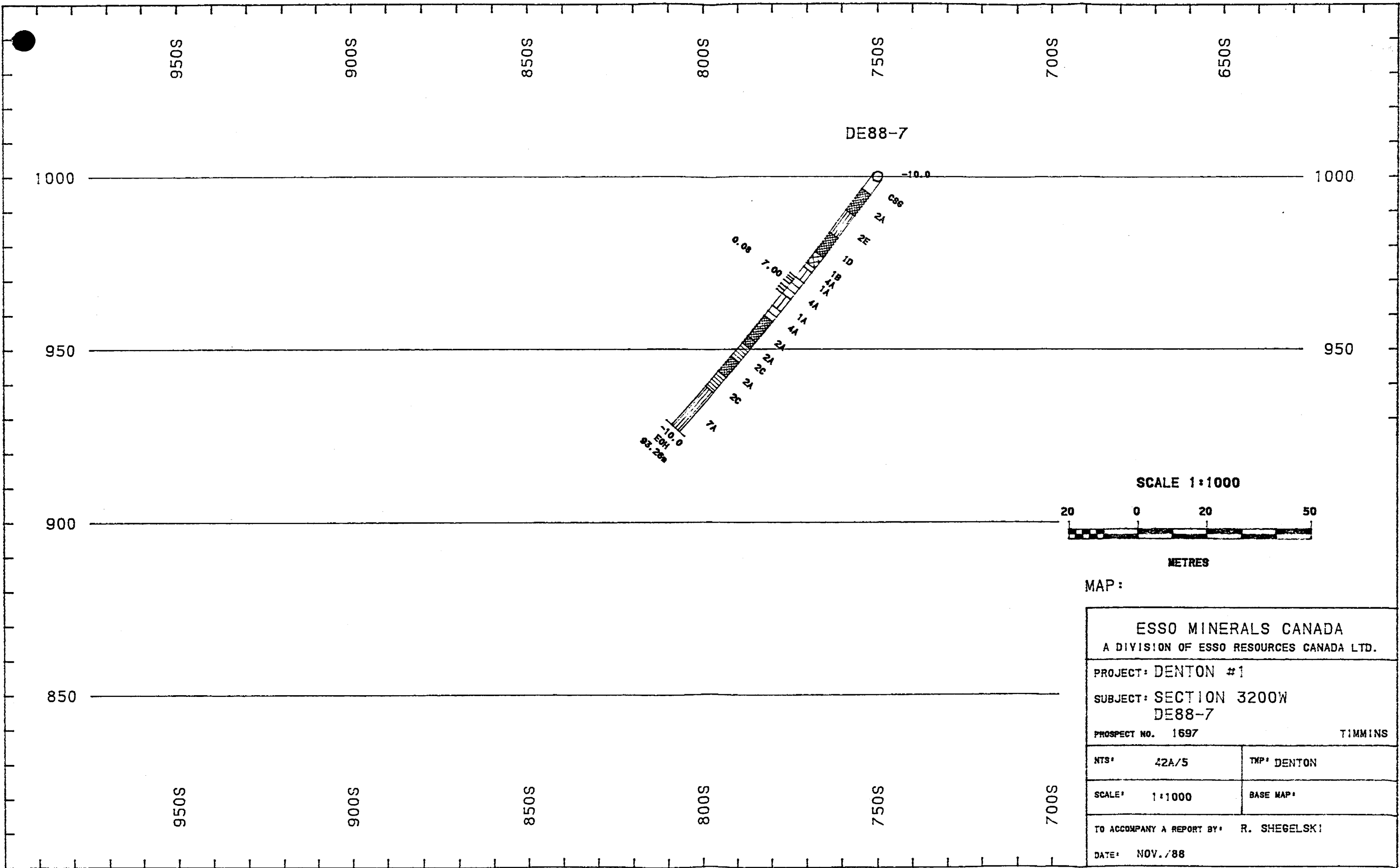
 5A: Silicified Shear Zone
 5B: Fault Gouge
 5C: Quartz Calcite Vein
 5D: Quartz Calcite Chlorite Vein
 5E: Quartz Calcite Sericite Vein
 5F: Completely Carbonated Rock

KENORAN INTRUSIVES

 6A: Granite
 6B: Granodiorite
 6C: Diorite

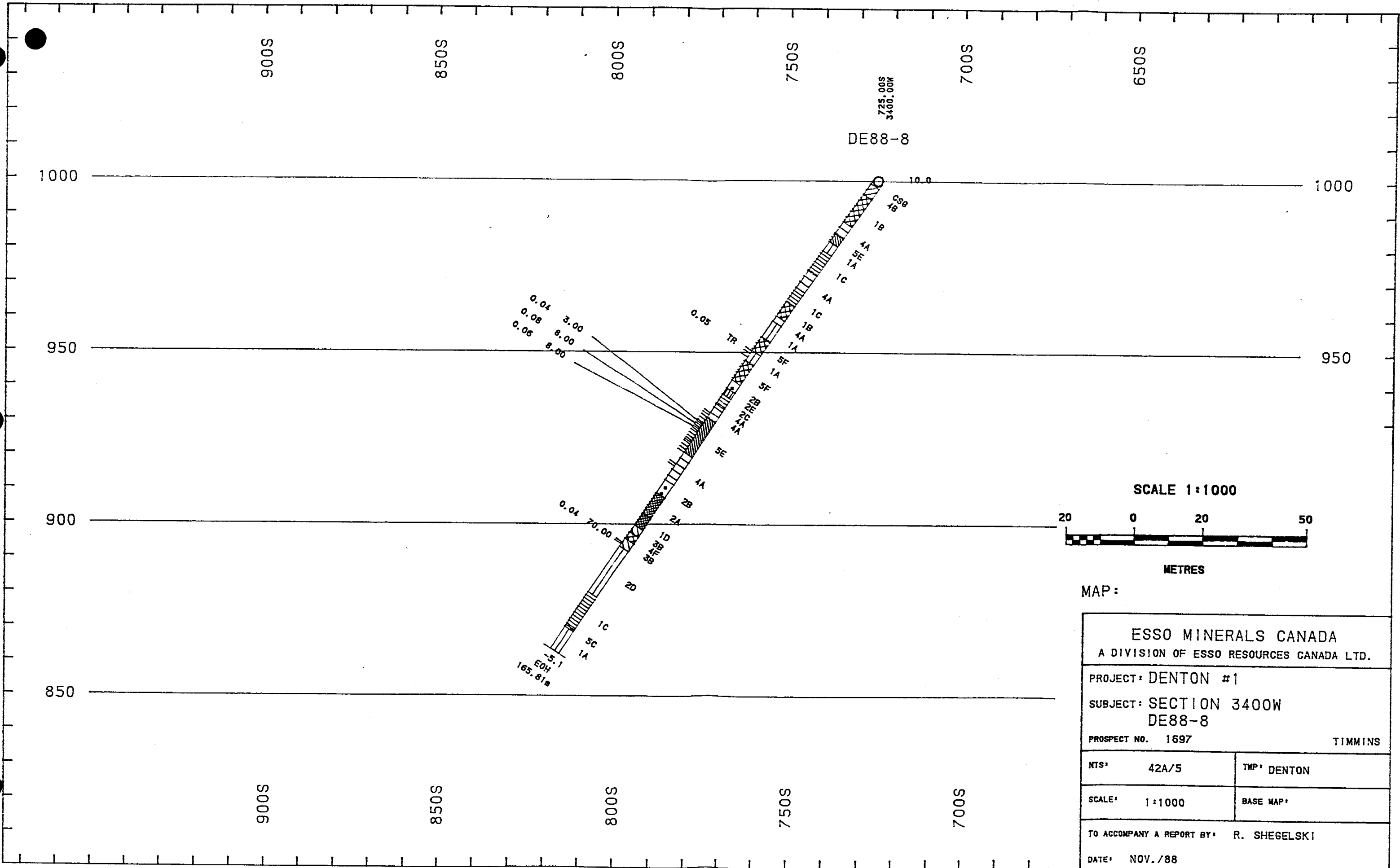
LATE MAFIC INTRUSIVE ROCKS

 7A: Diabase Dyke
 7B: Quartz Diabase Dyke



MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1 SUBJECT: SECTION 3200W DE88-7	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TWP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



900S

850S

800S

750S

700S

650S

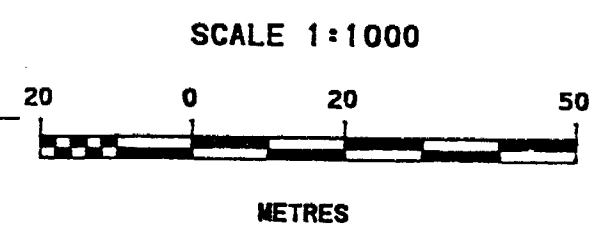
1000

1000

950

950

900



850

900S

850S

800S

750S

700S

725.00S
3400.00W
DE88-8

0.04 3.00
0.08 8.00
0.06 8.00

0.05 TR

10.0 CSB
AB

1B
1A
1C
4A
4B
4C
5A
5B
5C

0.04 70.00
10.0

8A
8B
8C

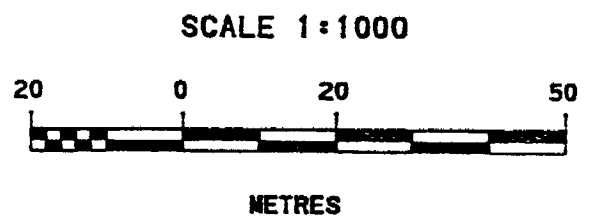
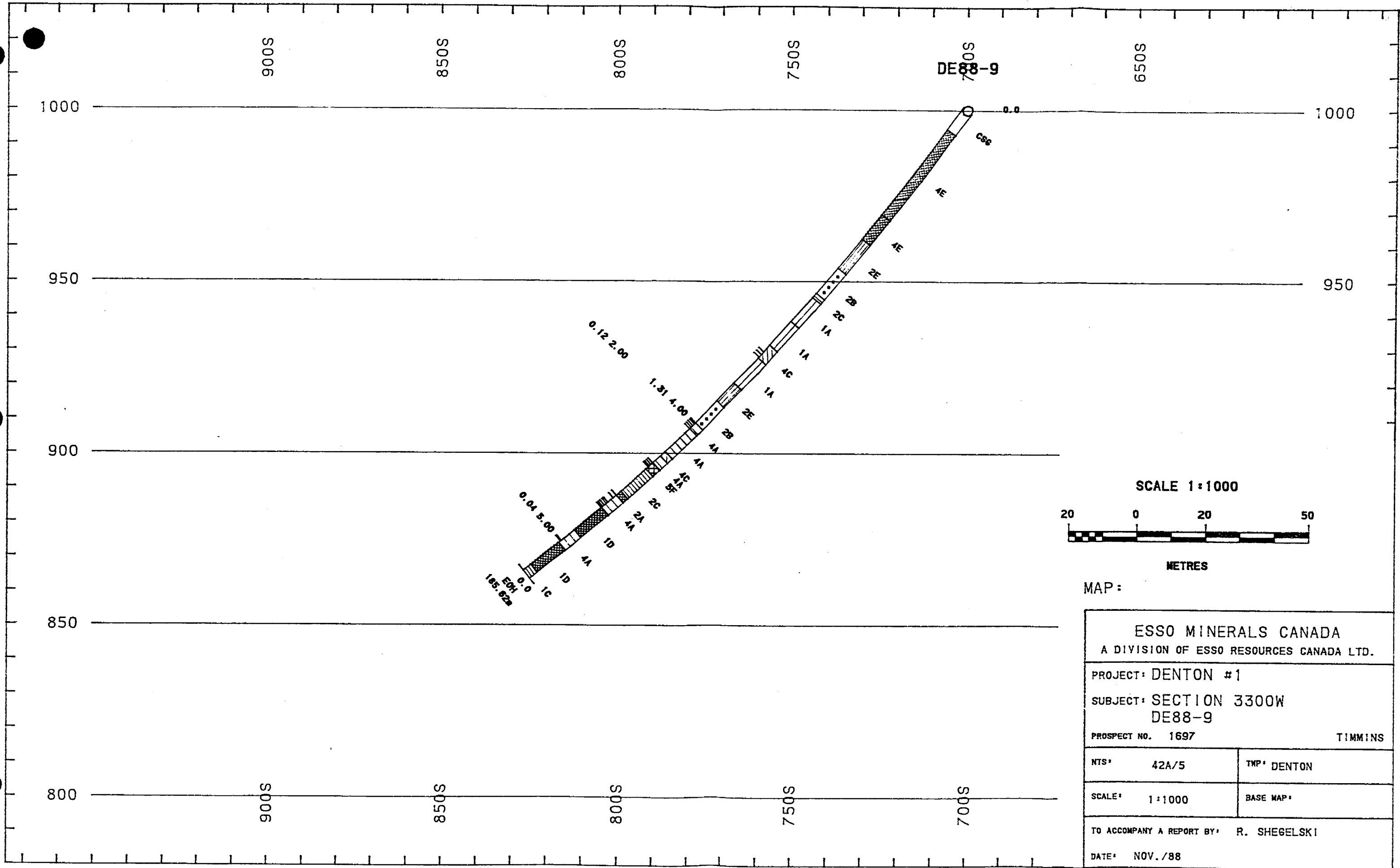
2A
2B
2C

1C
5C
1A

-5.1
EQH
165.81W

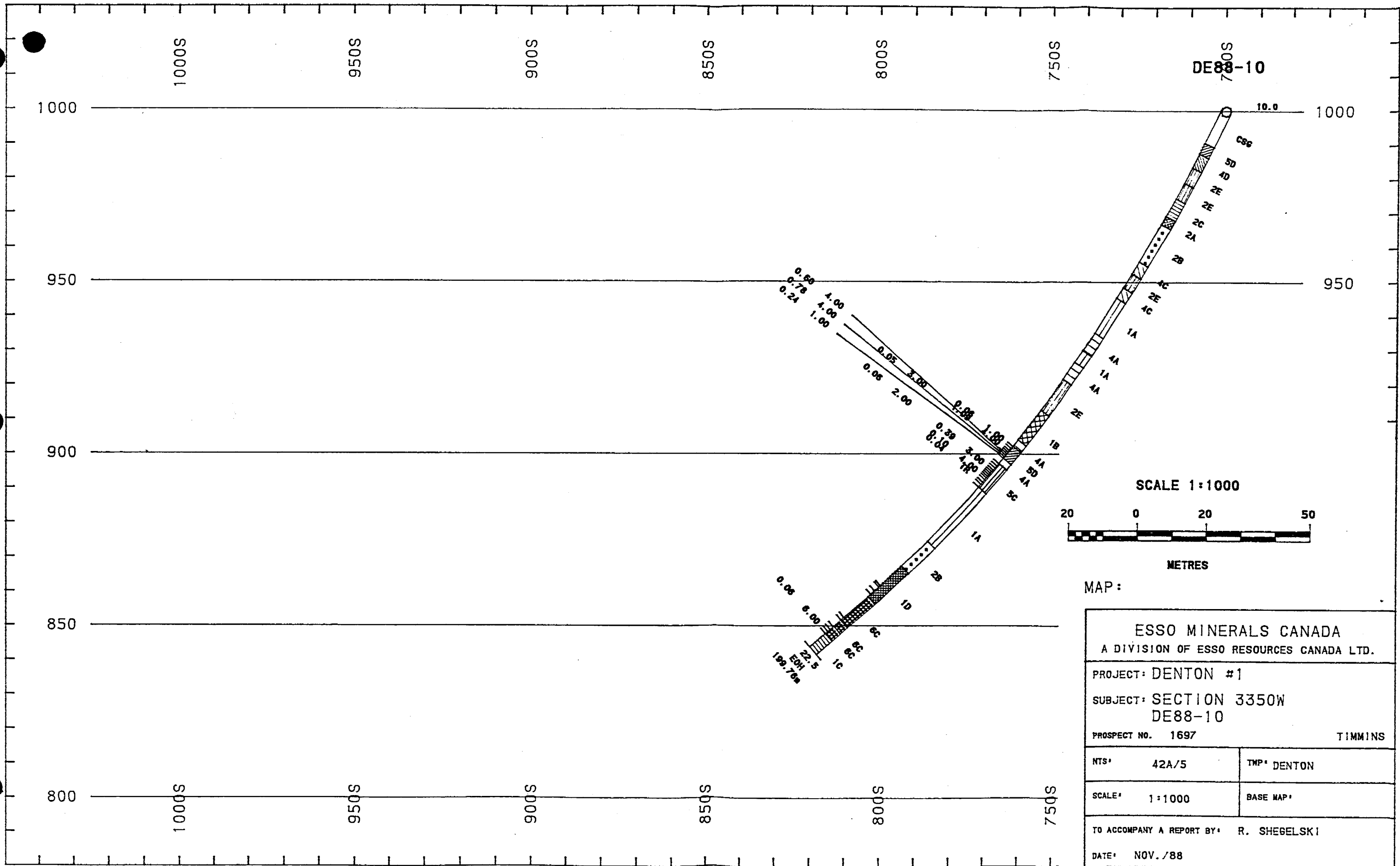
MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3400W DE88-8</p>	
<p>PROSPECT NO. 1697</p>	
<p>TIMMINS</p>	
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	

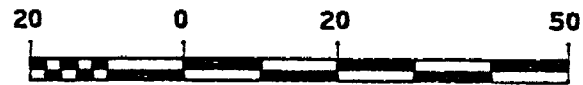


MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3300W DE88-9</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



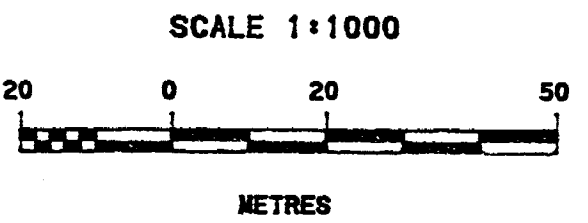
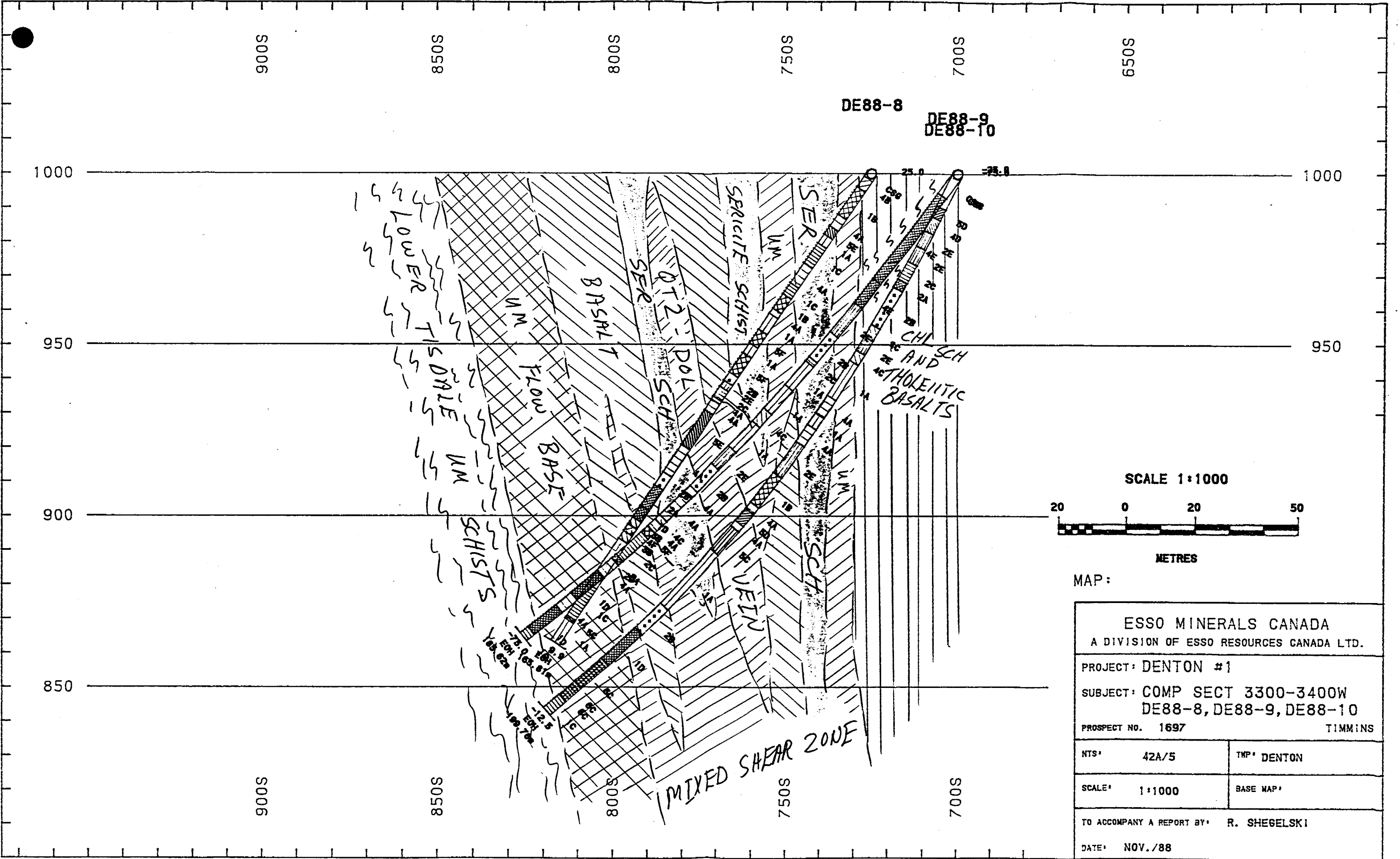
SCALE 1:1000



METRES

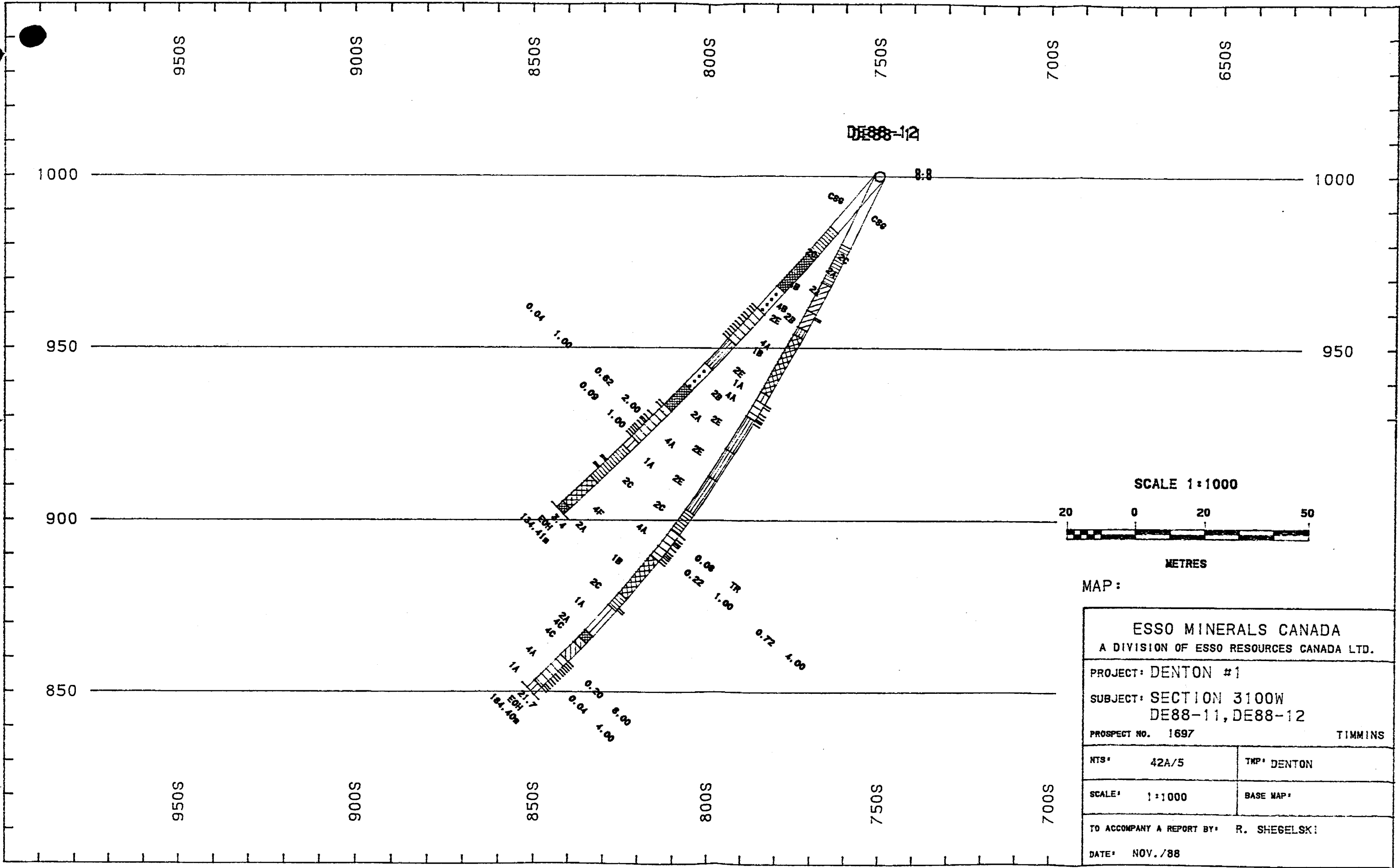
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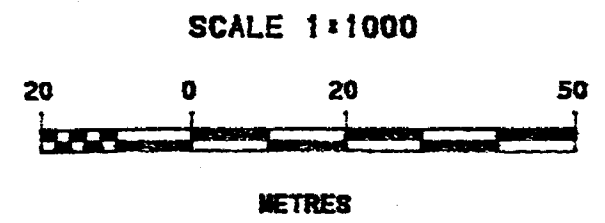
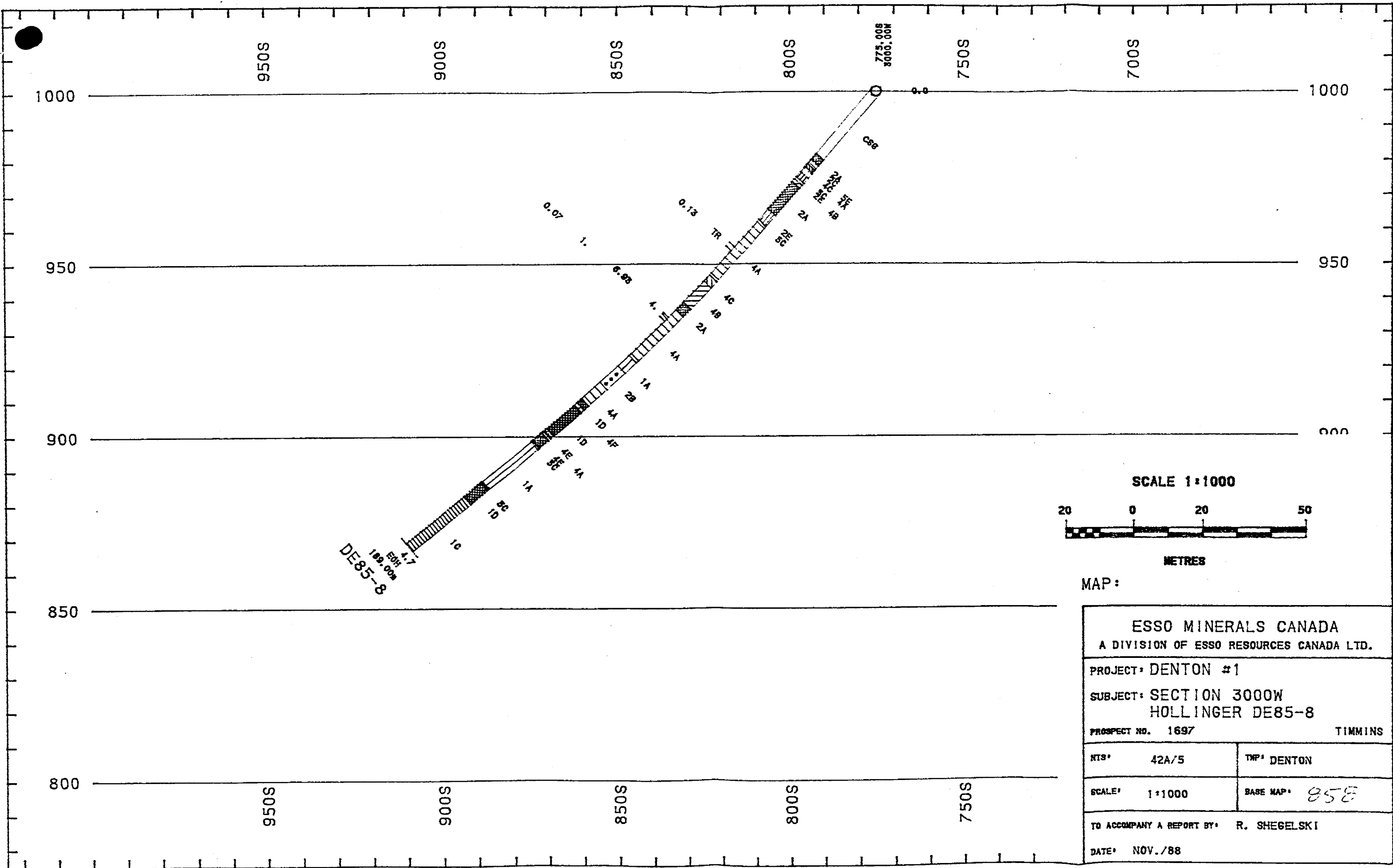
<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3350W DE88-10</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEBELSKI</p>	
<p>DATE: NOV. /88</p>	



MAP:

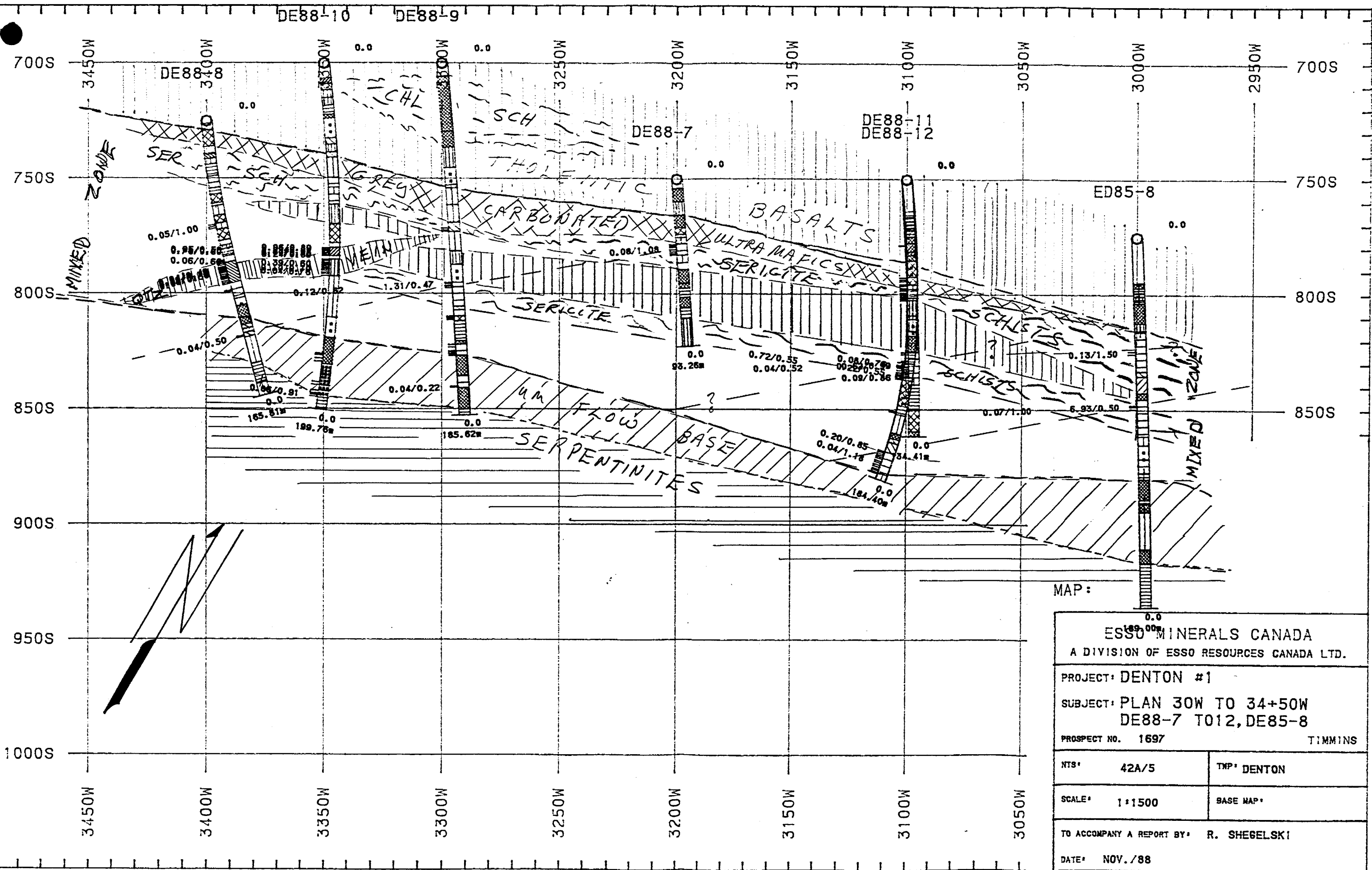
<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: COMP SECT 3300-3400W DE88-8, DE88-9, DE88-10</p>	
<p>PROSPECT NO. 1697 TIMMINS</p>	
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	





MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3000W HOLLINGER DE85-8</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TWP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP: 85E</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: PLAN 30W TO 34+50W DE88-7 T012, DE85-8	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TRP: DENTON
SCALE: 1:1500	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	

APPENDIX II

DIRECTORY

WAKEMAC AREA

LEGEND

SECTION	43+00W,	HOLE	DE88-1
SECTION	40+50W,	HOLE	DE88-2
SECTION	41+30W,	HOLE	DE88-3
SECTION	40+10W,	HOLE	DE88-4
SECTION	40+10W,	HOLES	DE88-4, 5
COMPOSITE SECTION		HOLES	DE88-2, 4, 5
SECTION	38+00W,	HOLE	DE88-6
PLAN	3650W to 4450W,	HOLES	DE88-1 to 6

SCOTT SHEAR ZONE

LEGEND

SECTION	32+00W,	HOLE	DE88-7
SECTION	34+00W,	HOLE	DE88-8
SECTION	33+00W,	HOLE	DE88-9
SECTION	33+50W,	HOLE	DE88-10
COMPOSITE SECTION		HOLES	DE88-8, 9, 10
SECTION	31+00W,	HOLES	DE88-11, 12
SECTION	30+00W,	HOLE	DE85-8
PLAN	3000W TO 3450W,	HOLES	DE88-7 to 12 and DE85-8

LEGEND



Casing

ULTRAMAFIC VOLCANIC ROCKS



1A: Grey Carbonated Ultramafics



1B: Kemetitic Basalt



1C: Serpentinite and Schistose Ultramafics



1D: Ultramafic Flow Base

MAFIC VOLCANIC ROCKS



2A: Massive Flow Base



2B: Pillowed Flow



2C: Schistose Basalt



2D: Synvolcanic Diorite Sills



2E: Leucoxene Basalt

FELSIC VOLCANIC ROCKS



3A: Schistose Volcanics



3B: Graphitic Pyritic Schist

ALTERED VOLCANIC ROCKS AND RELATED TUFFS



4A: (Quartz) Carbonate Sericite Schist



4B: (Quartz) Carbonate Chlorite Schist



4C: Chlorite Sericite Schist



4D: Talc Chlorite Schist



4E: Chlorite Schist



4F: Carbonated Ultramafic Flow Base



5A: Silicified Shear Zone



5B: Fault Gouge



5C: Quartz Calcite Vein



5D: Quartz Calcite Chlorite Vein



5E: Quartz Calcite Sericite Vein



5F: Completely Carbonated Rock

KENORAN INTRUSIVES



6A: Granite



6B: Granodiorite



6C: Diorite

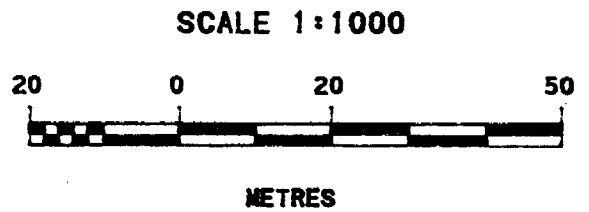
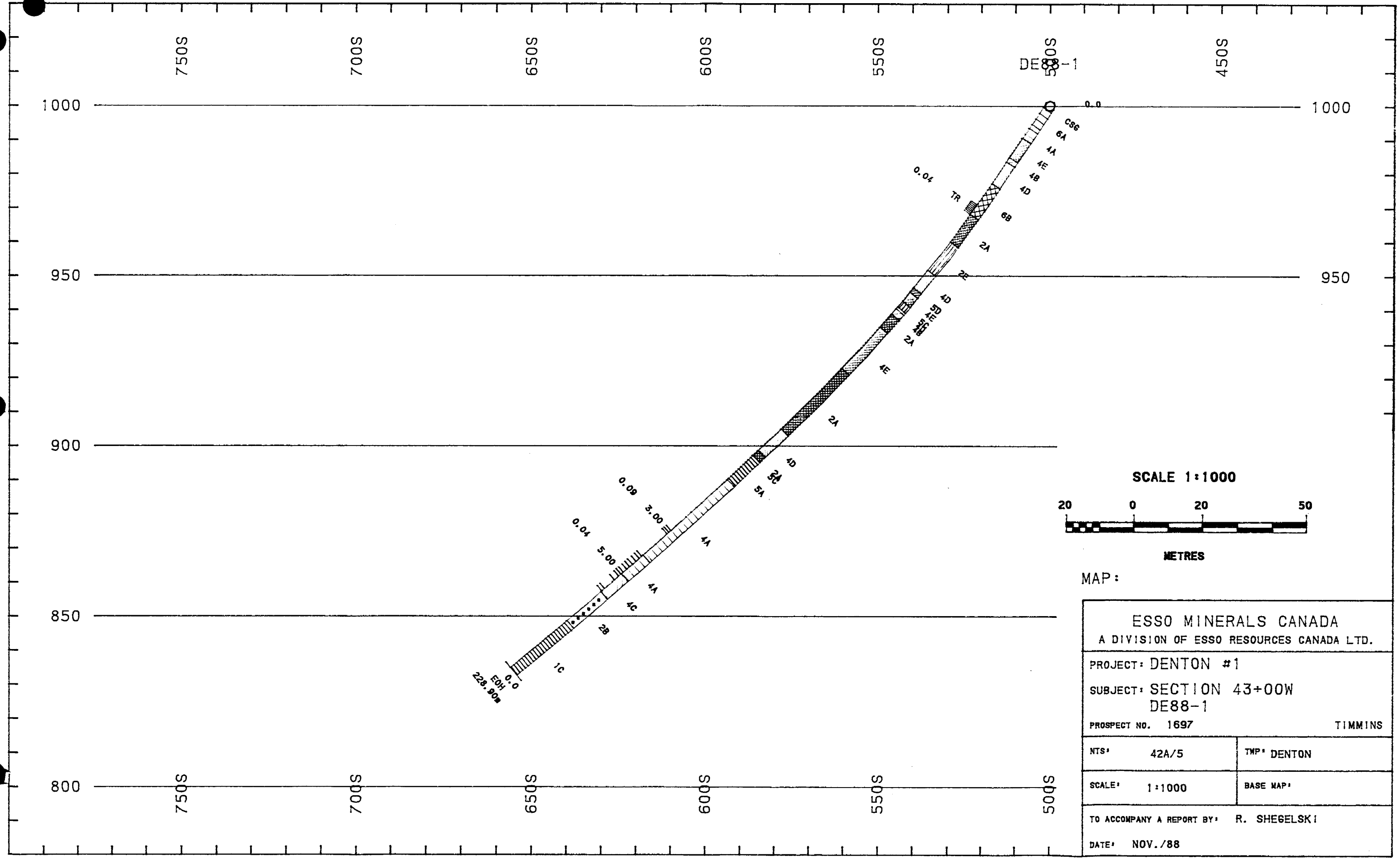
LATE MAFIC INTRUSIVE ROCKS



7A: Diabase Dyke

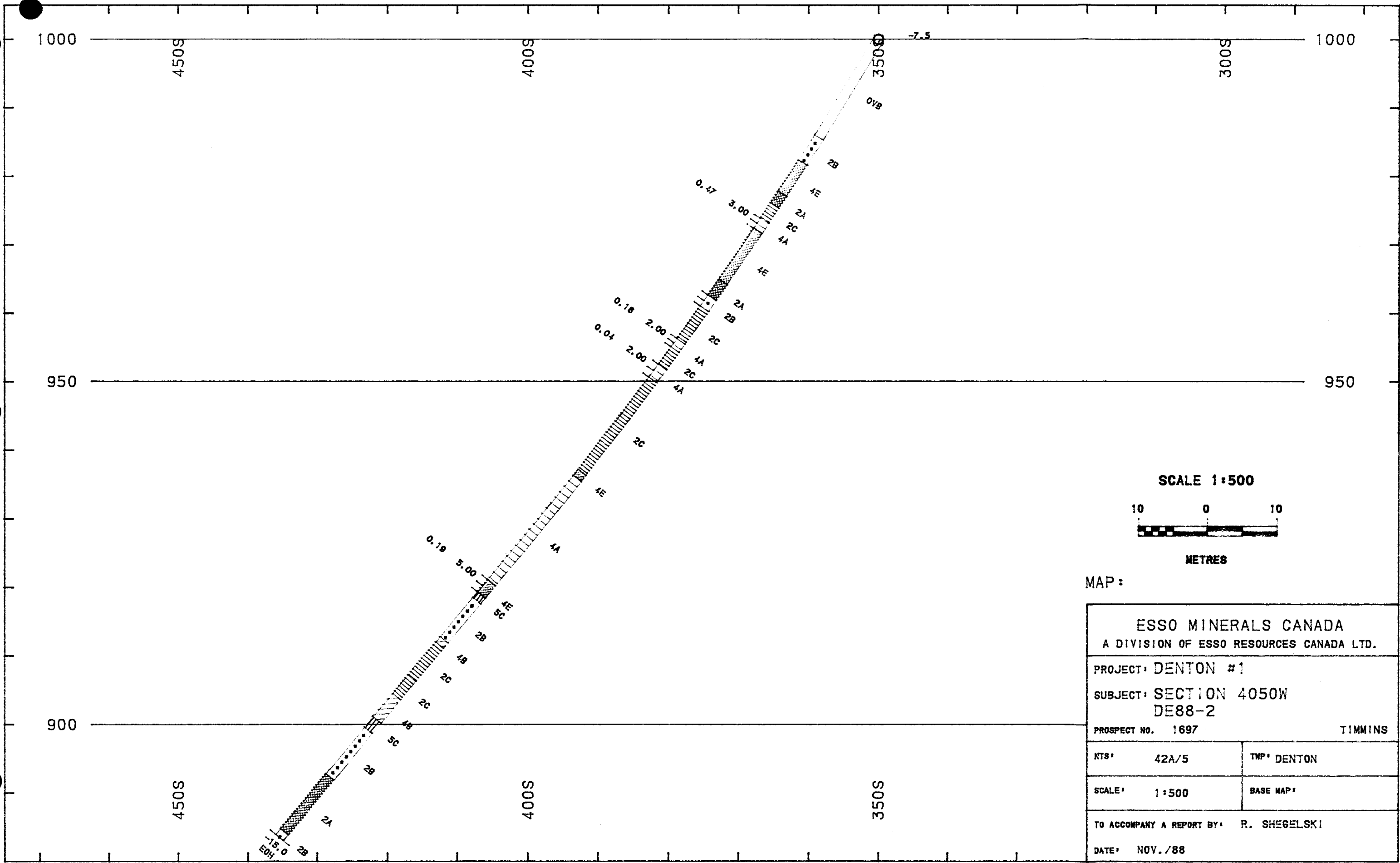


7B: Quartz Diabase Dyke



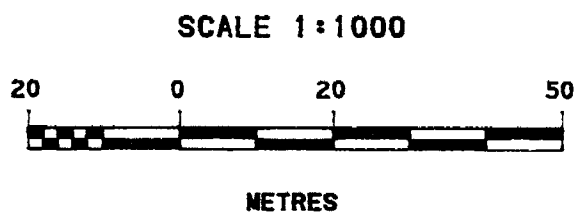
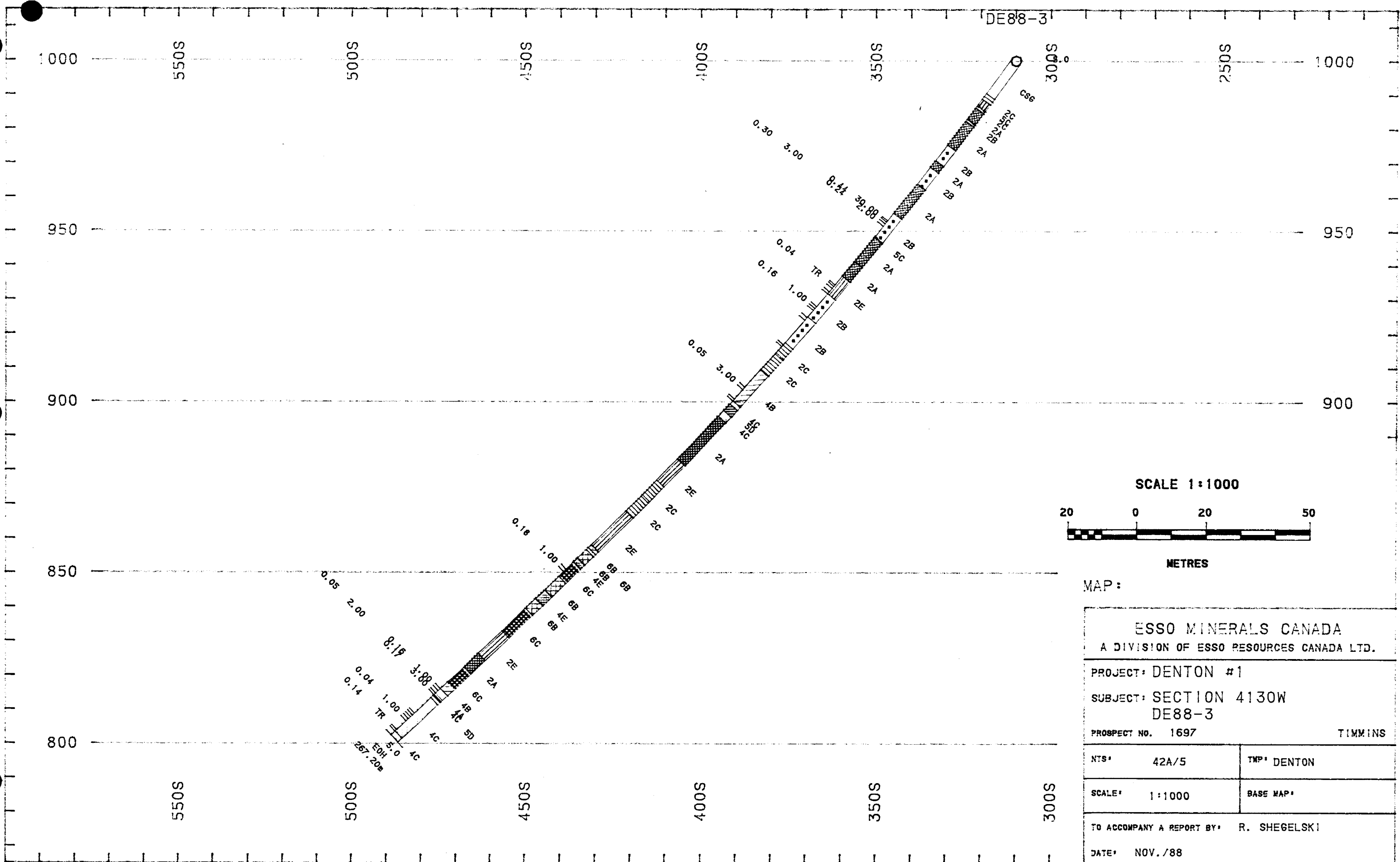
MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 43+00W DE88-1	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



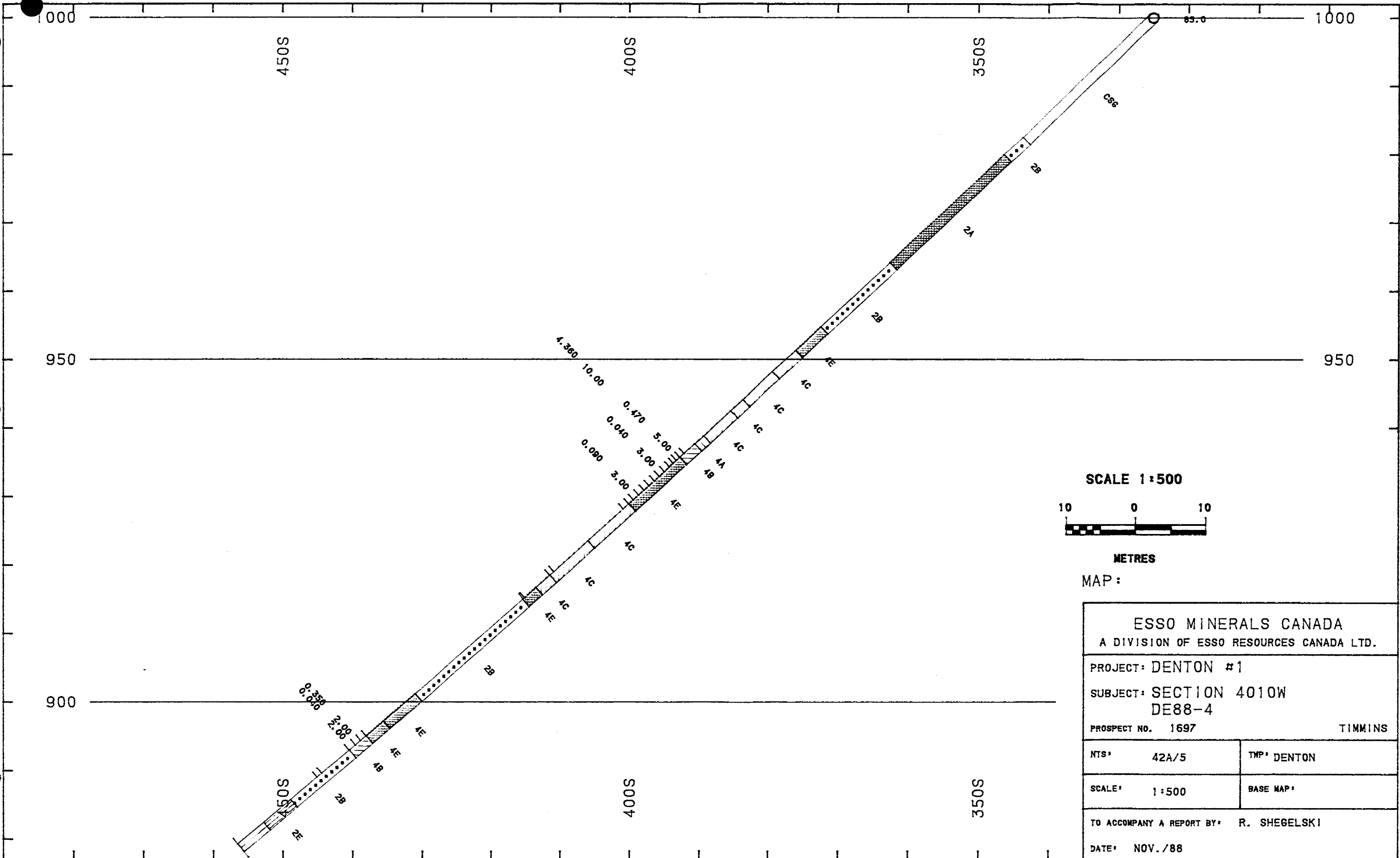
MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 4050W DE88-2	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TWP: DENTON
SCALE: 1:500	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



MAP:

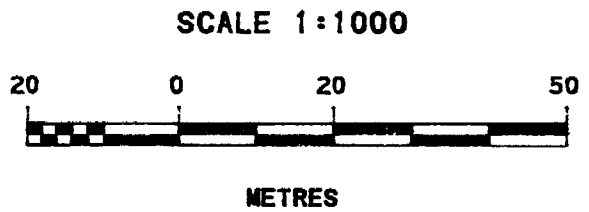
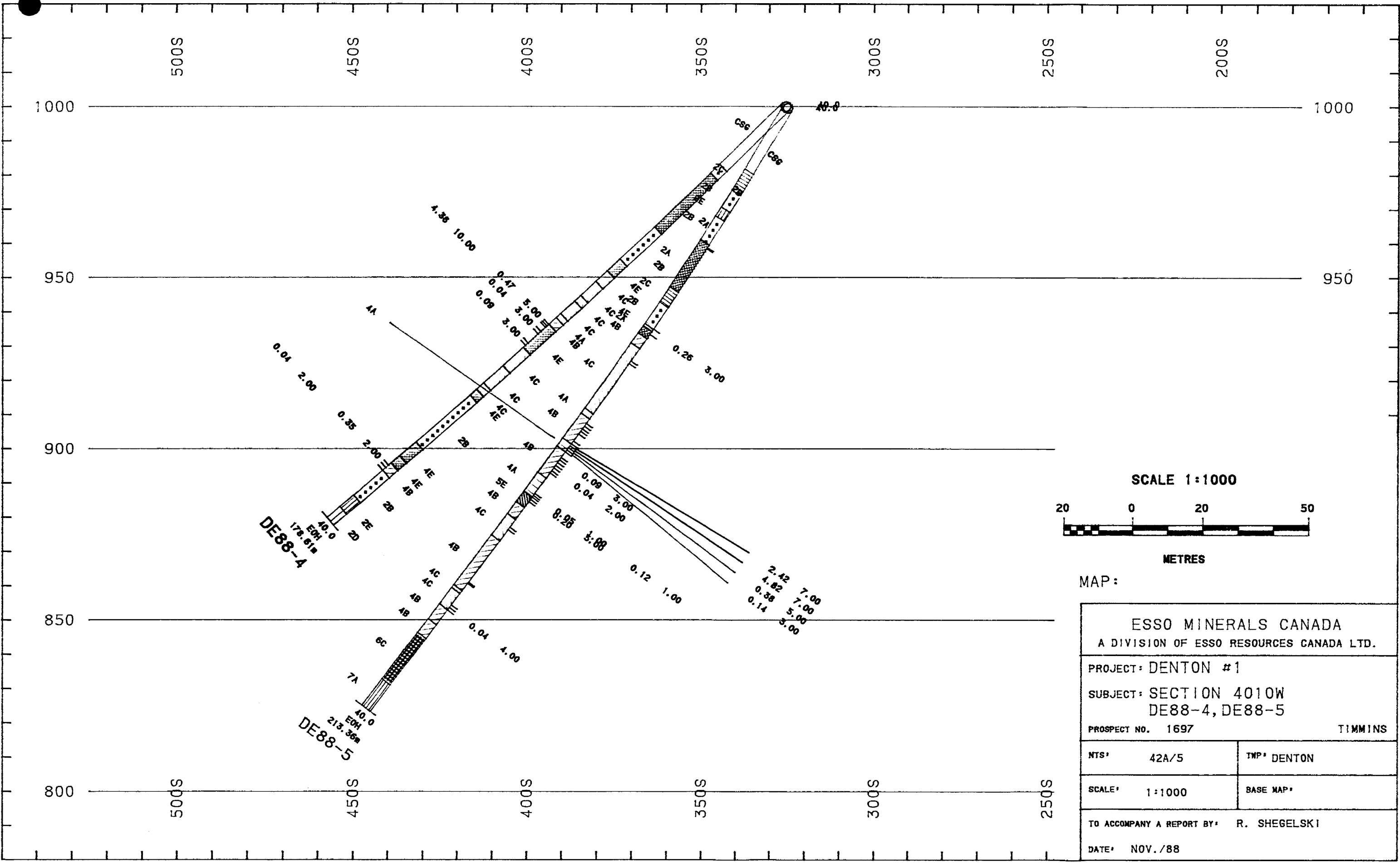
ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 4130W DE88-3	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TWP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



SCALE 1:500
 10 0 10
 METRES

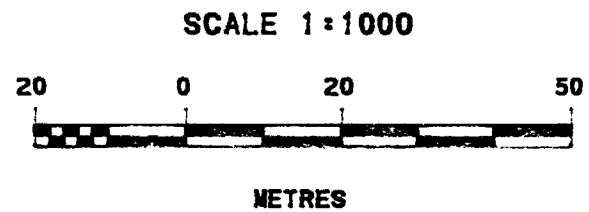
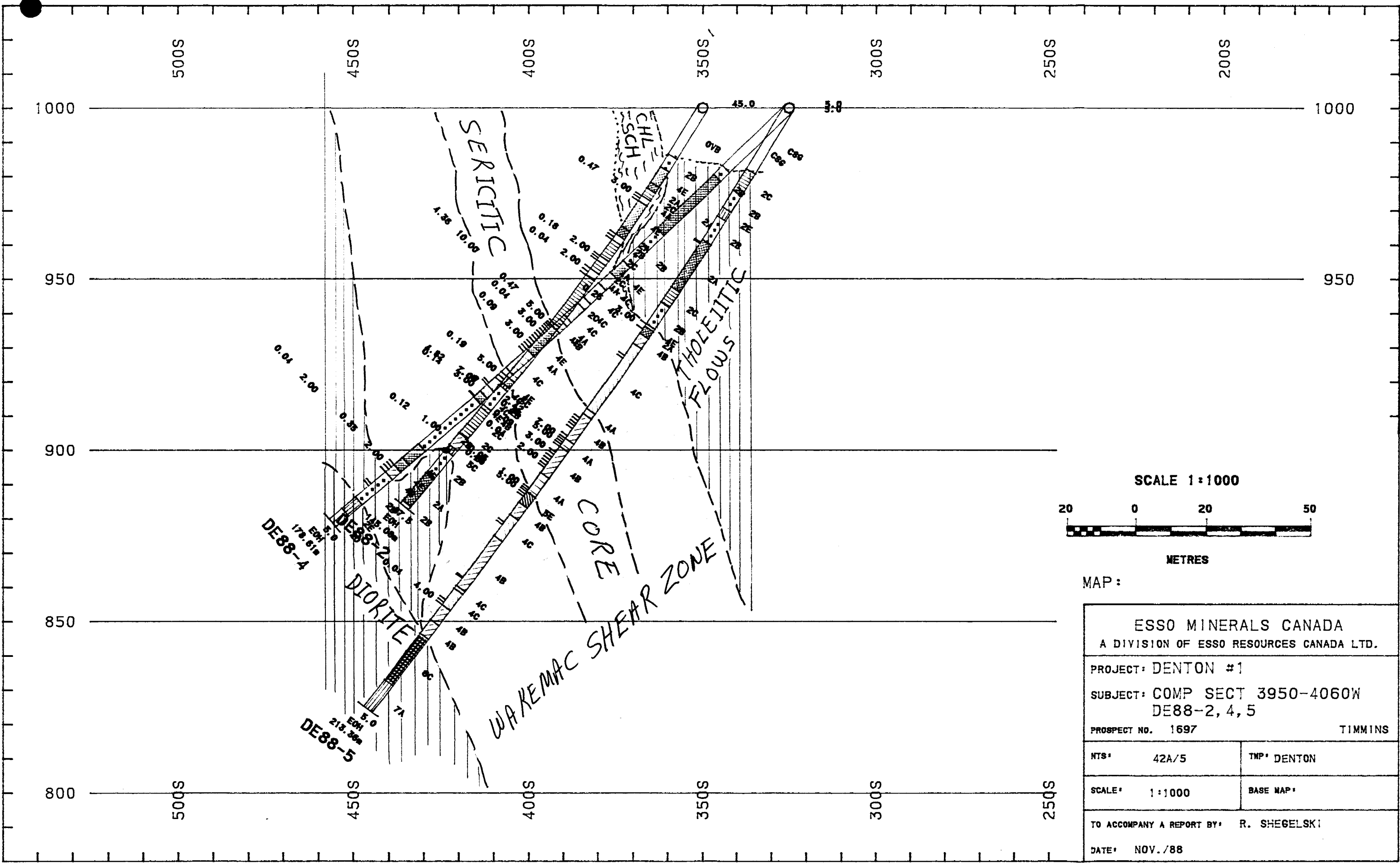
MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 4010W DE88-4	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:500	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



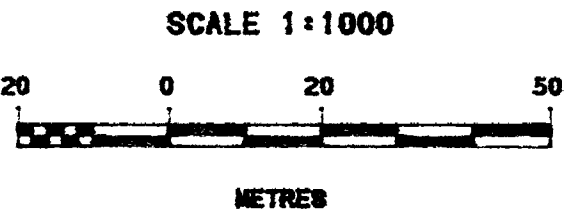
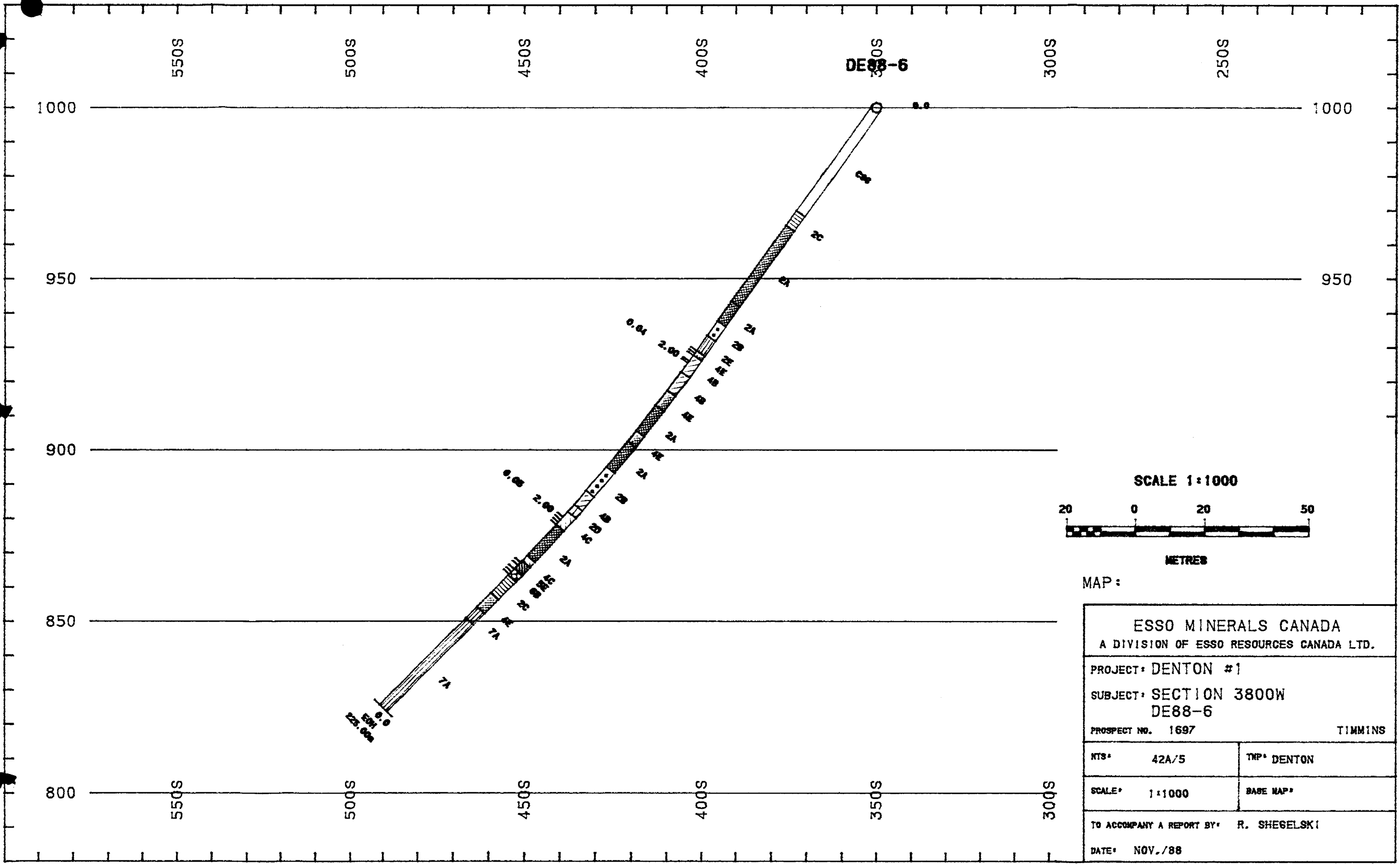
MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 4010W DE88-4, DE88-5</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



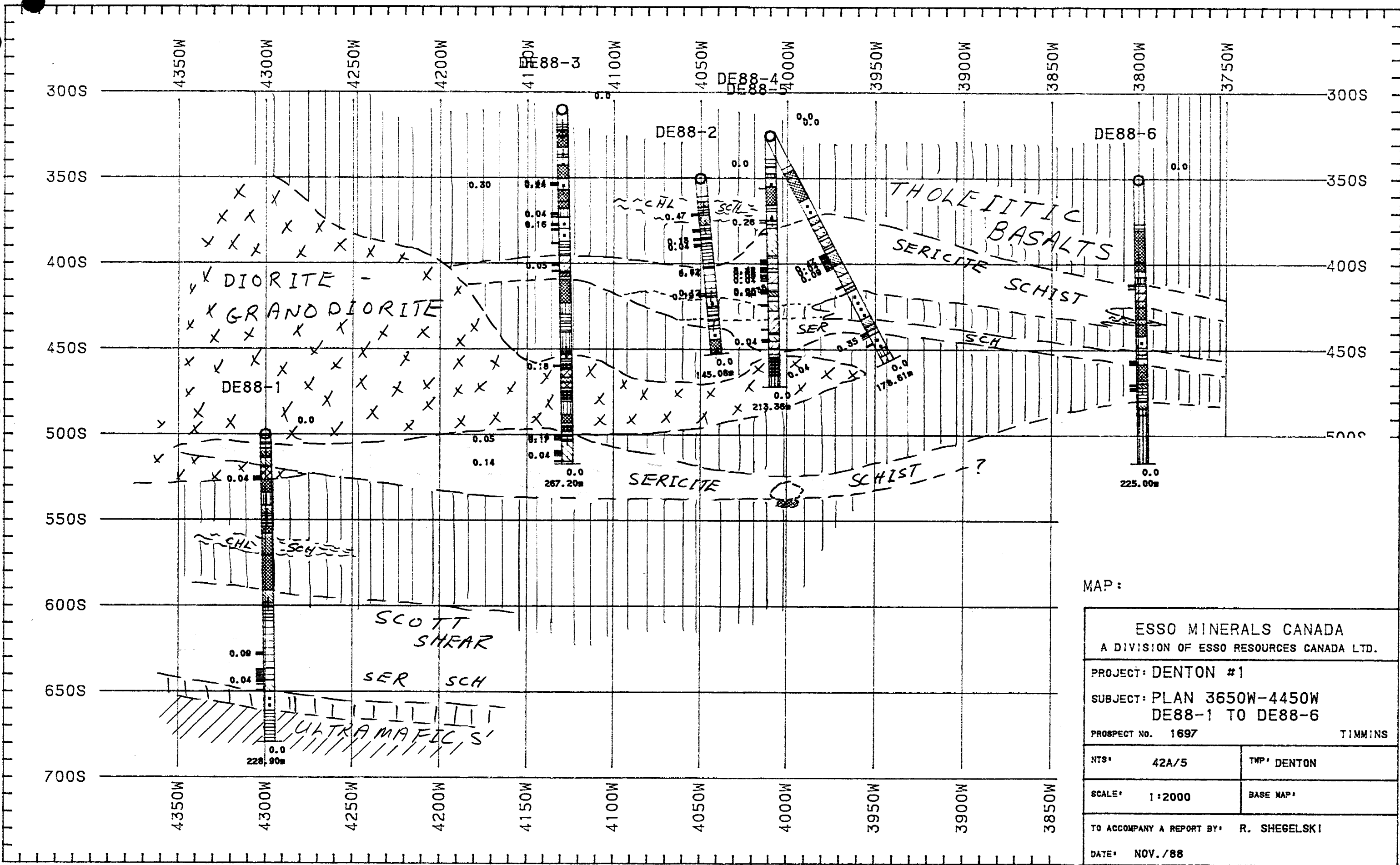
MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: COMP SECT 3950-4060W DE88-2, 4, 5	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV. /88	



MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3800W DE88-6</p>	
<p>PROSPECT NO. 1697 TIMMINS</p>	
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: PLAN 3650W-4450W DE88-1 TO DE88-6	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:2000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	

LEGEND



Casing

ULTRAMAFIC VOLCANIC ROCKS



1A: Grey Carbonated Ultramafics



1B: Komatiitic Basalt



1C: Serpentinite and Schistose Ultramafics



1D: Ultramafic Flow Base

MAFIC VOLCANIC ROCKS



2A: Massive Flow Base



2B: Pillowed Flow



2C: Schistose Basalt



2D: Synvolcanic Diorite Sills



2E: Leucoxene Basalt

FELSIC VOLCANIC ROCKS



3A: Schistose Volcanics



3B: Graphitic Pyritic Schist

ALTERED VOLCANIC ROCKS AND RELATED TUFFS



4A: (Quartz) Carbonate Sericite Schist



4B: (Quartz) Carbonate Chlorite Schist



4C: Chlorite Sericite Schist



4D: Talc Chlorite Schist



4E: Chlorite Schist



4F: Carbonated Ultramafic Flow Base



5A: Silicified Shear Zone



5B: Fault Gouge



5C: Quartz Calcite Vein



5D: Quartz Calcite Chlorite Vein



5E: Quartz Calcite Sericite Vein



5F: Completely Carbonated Rock

KENORAN INTRUSIVES



6A: Granite



6B: Granodiorite



6C: Diorite

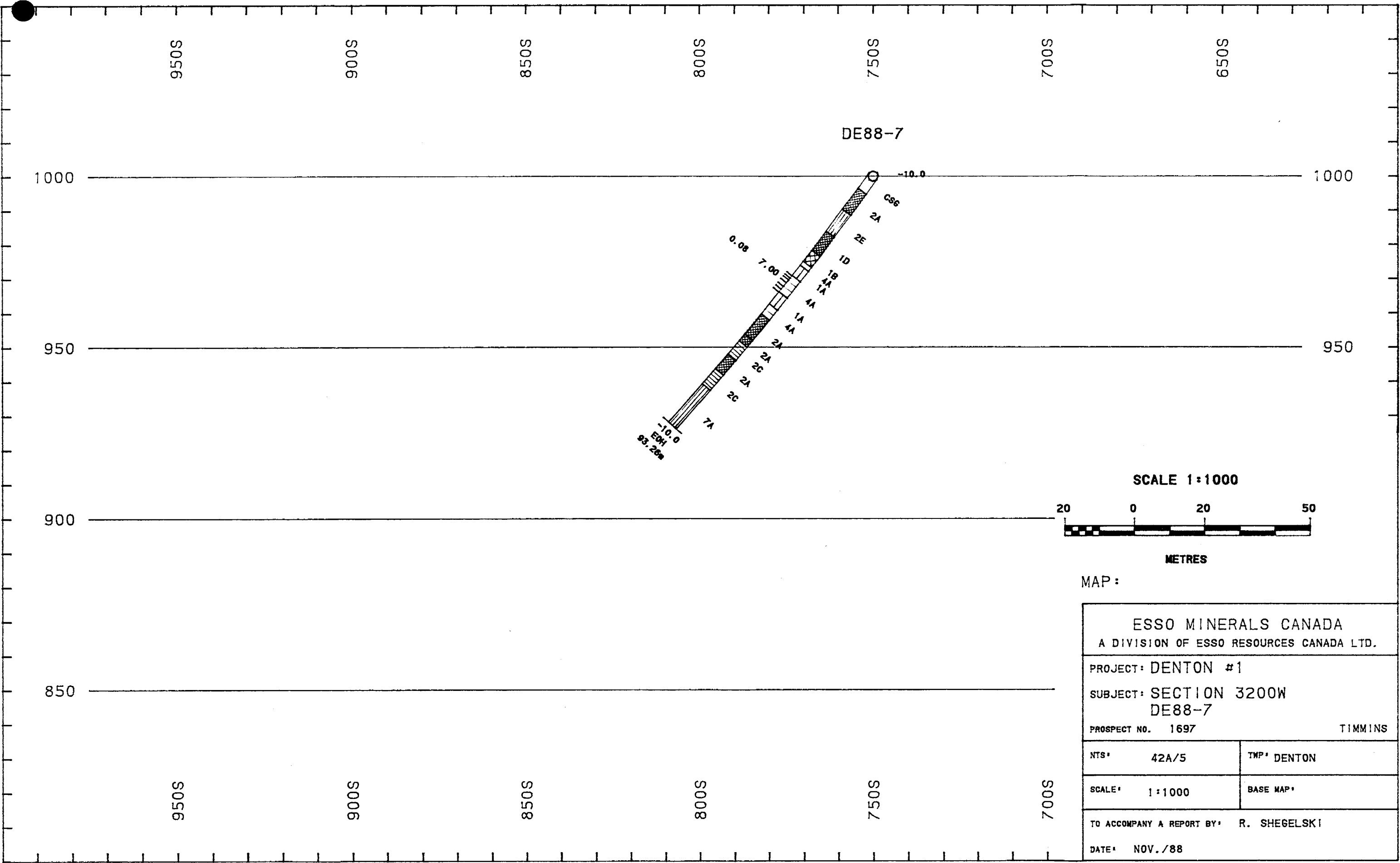
LATE MAFIC INTRUSIVE ROCKS



7A: Diabase Dyke

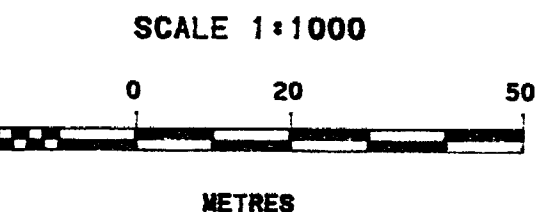
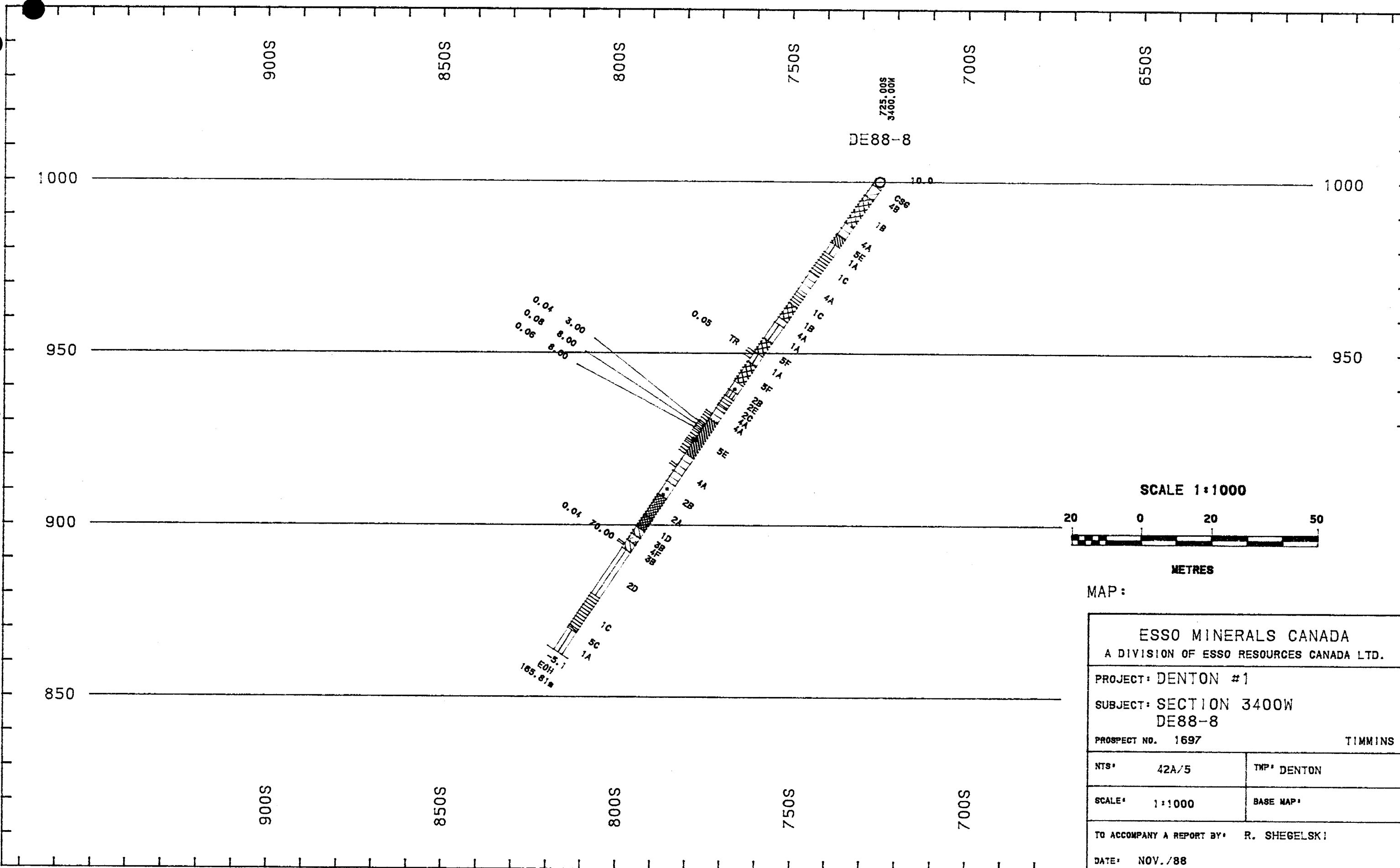


7B: Quartz Diabase Dyke



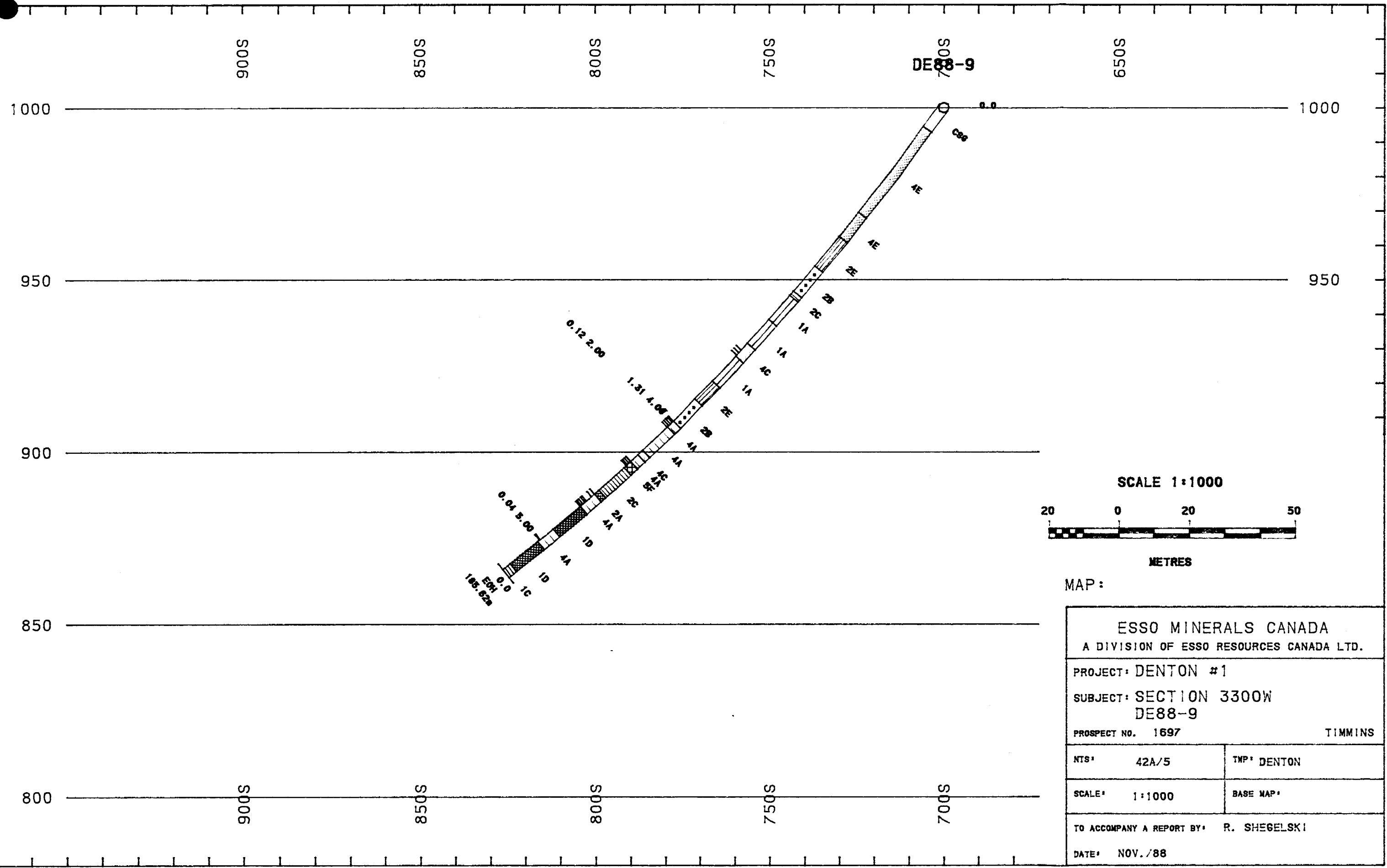
MAP:

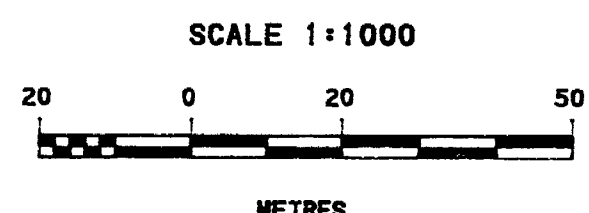
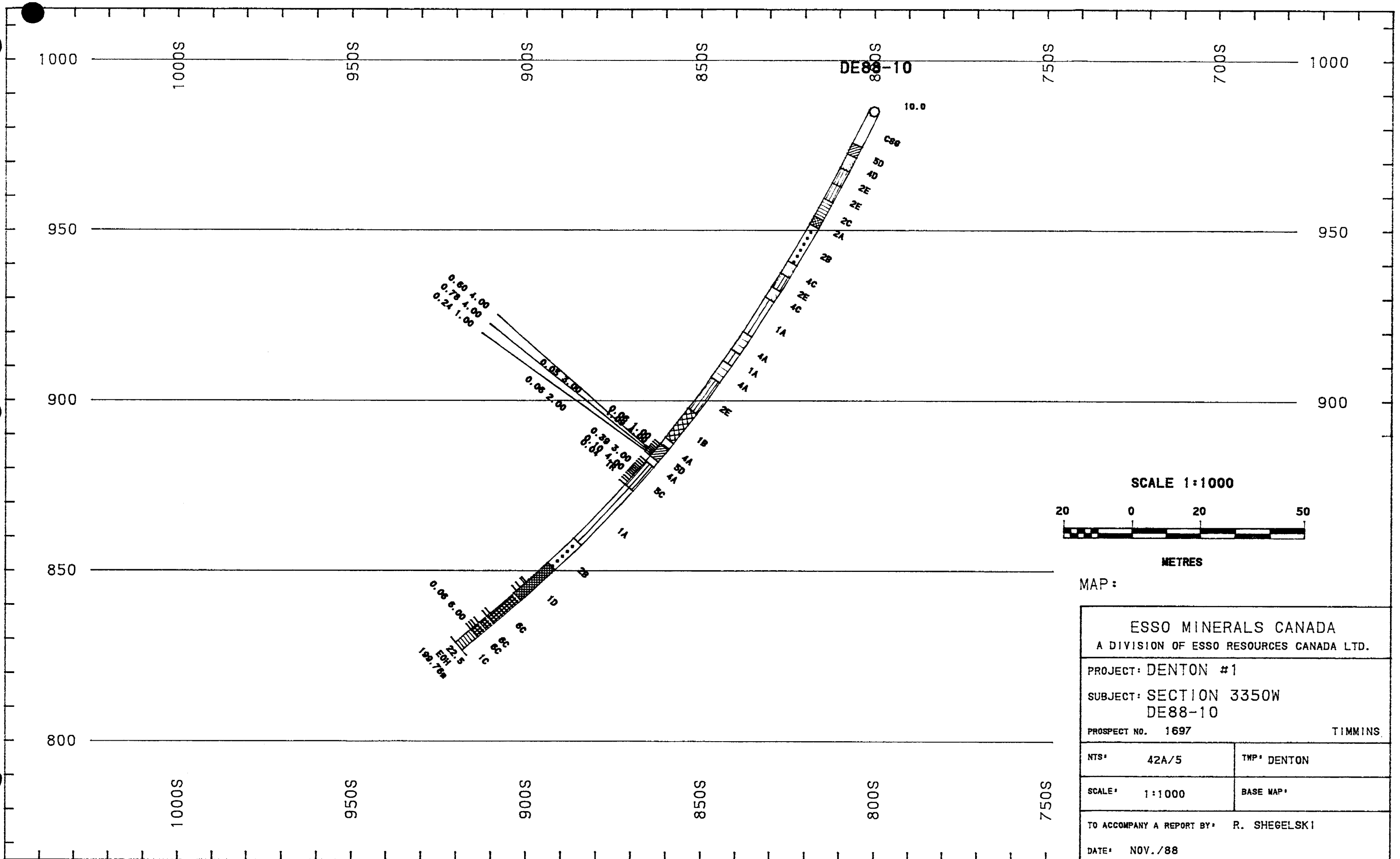
ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1 SUBJECT: SECTION 3200W DE88-7	
PROSPECT NO. 1697 TIMMINS	
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



MAP:

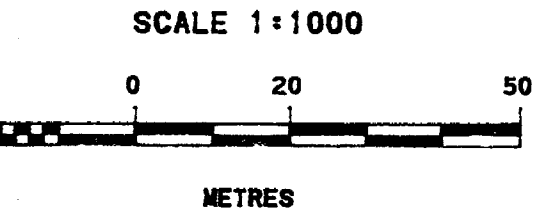
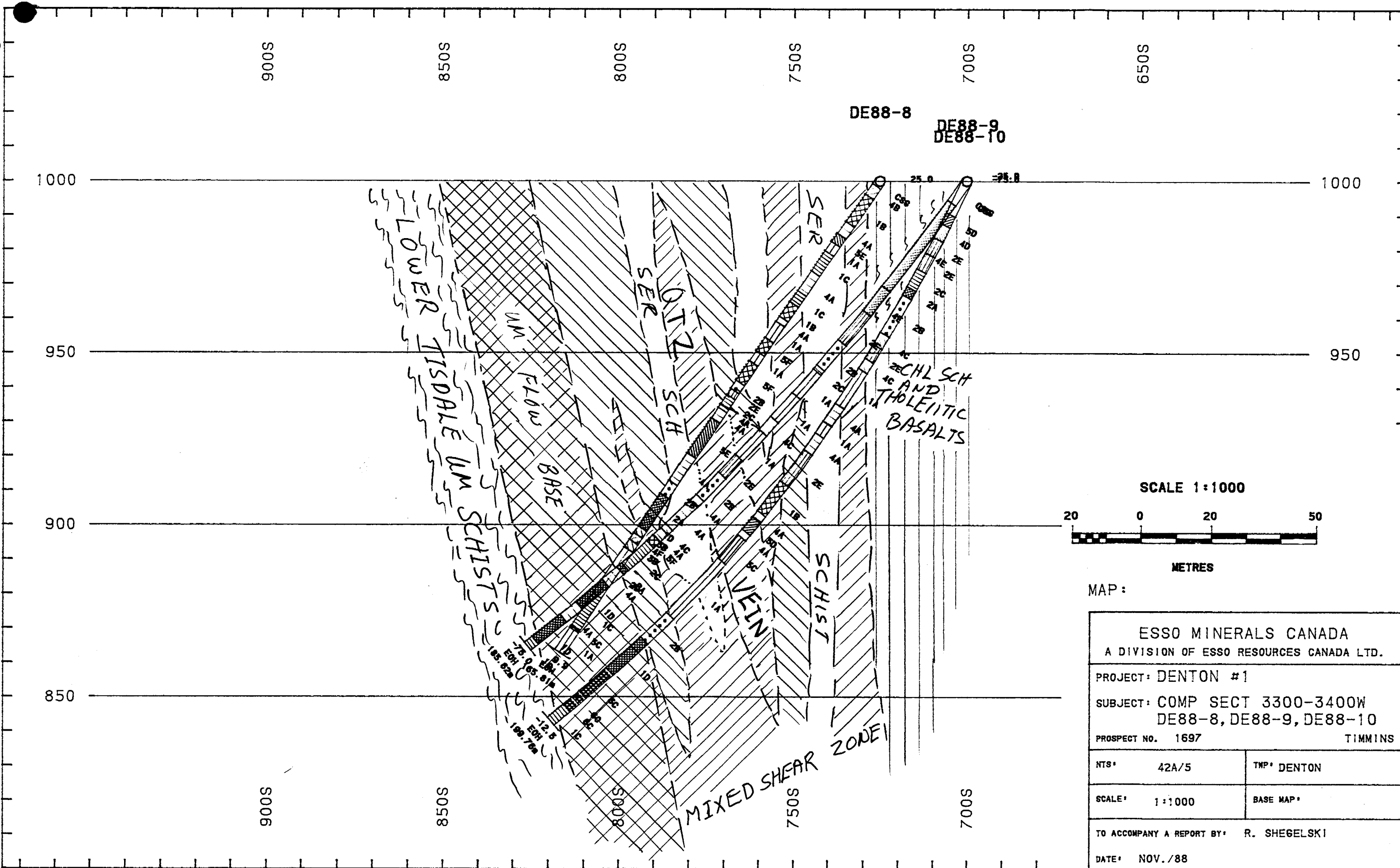
ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 3400W DE88-8	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	





MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 3350W DE88-10	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: COMP SECT 3300-3400W DE88-8, DE88-9, DE88-10</p>	
<p>PROSPECT NO. 1697 TIMMINS</p>	
<p>NTS: 42A/5</p>	<p>TWP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	

950S 900S 850S 800S 750S 700S 650S

1000 1000

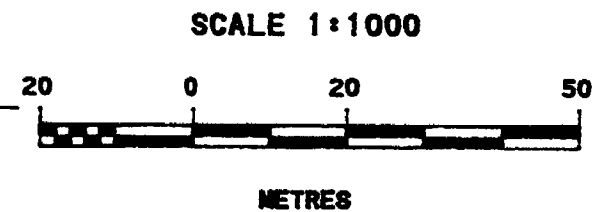
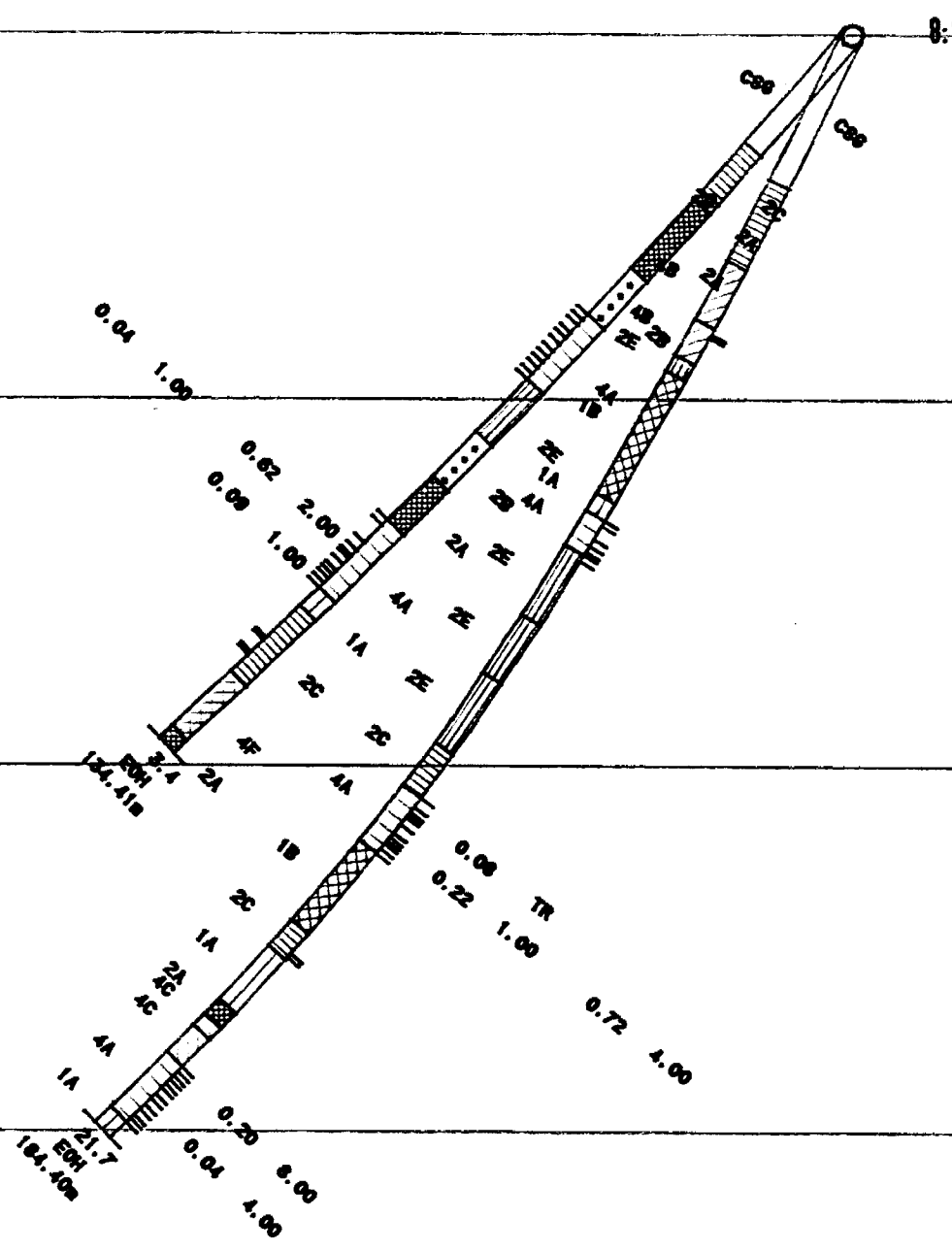
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850 850

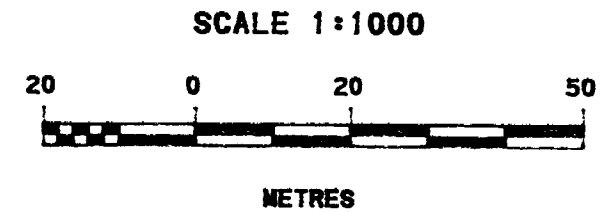
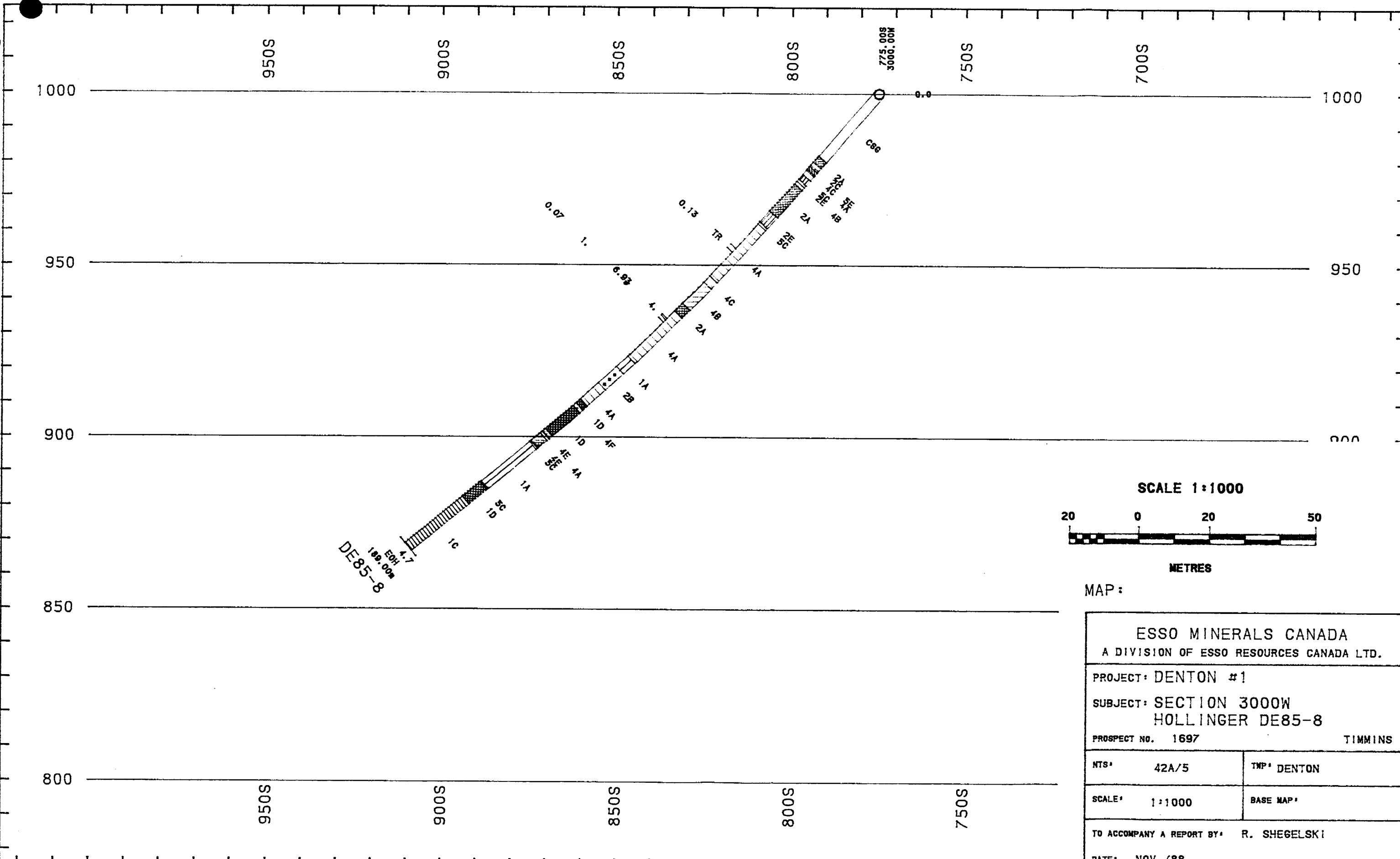
950S 900S 850S 800S 750S 700S

DE88-12



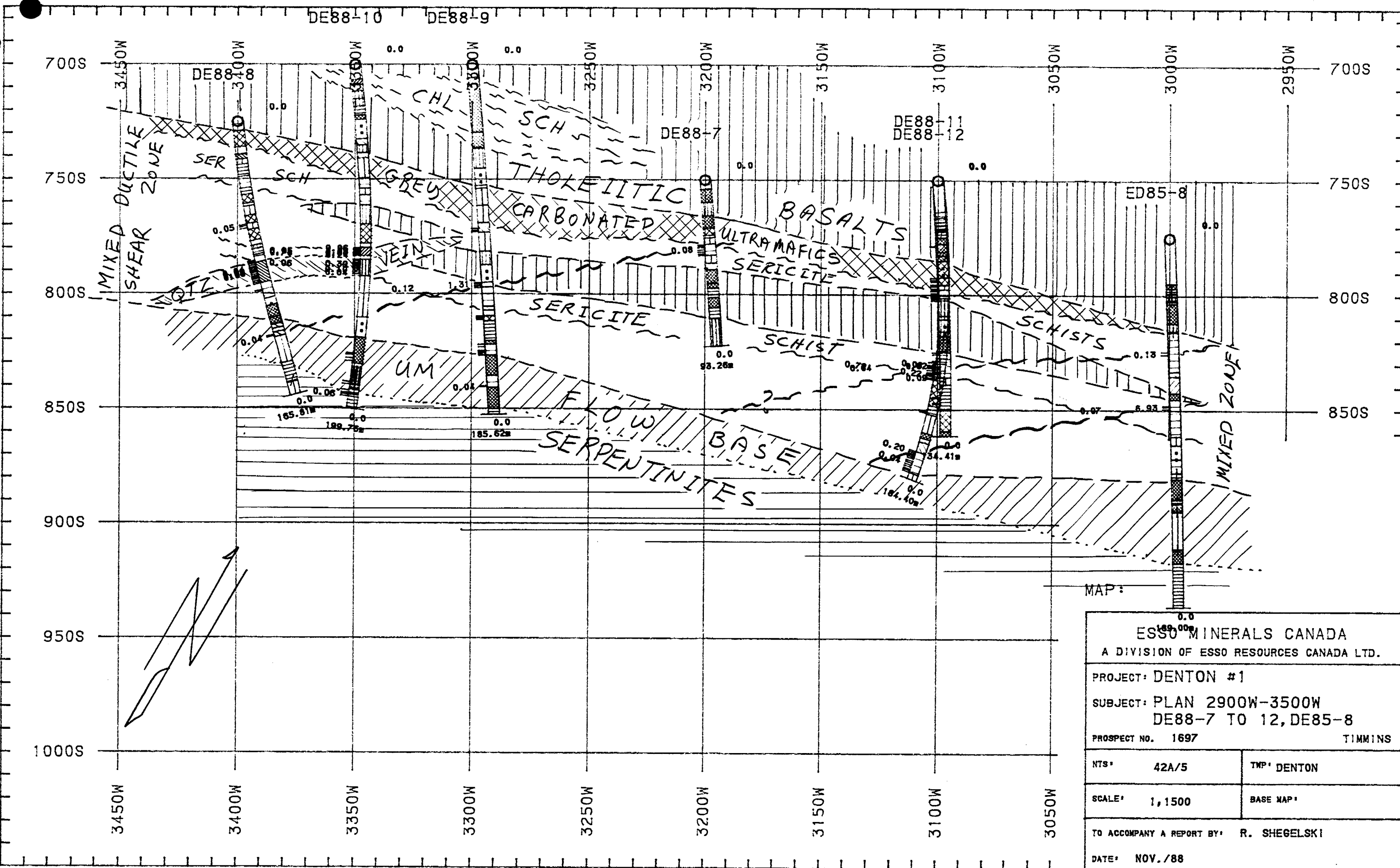
MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: SECTION 3100W DE88-11, DE88-12	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TMP: DENTON
SCALE: 1:1000	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



MAP:

<p>ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.</p>	
<p>PROJECT: DENTON #1</p>	
<p>SUBJECT: SECTION 3000W HOLLINGER DE85-8</p>	
<p>PROSPECT NO. 1697</p>	<p>TIMMINS</p>
<p>NTS: 42A/5</p>	<p>TMP: DENTON</p>
<p>SCALE: 1:1000</p>	<p>BASE MAP:</p>
<p>TO ACCOMPANY A REPORT BY: R. SHEGELSKI</p>	
<p>DATE: NOV./88</p>	



MAP:

ESSO MINERALS CANADA A DIVISION OF ESSO RESOURCES CANADA LTD.	
PROJECT: DENTON #1	
SUBJECT: PLAN 2900W-3500W DE88-7 TO 12, DE85-8	
PROSPECT NO. 1697	TIMMINS
NTS: 42A/5	TWP: DENTON
SCALE: 1,1500	BASE MAP:
TO ACCOMPANY A REPORT BY: R. SHEGELSKI	
DATE: NOV./88	



Ministry of Northern Development and Mines

Report of Work

DOCUMENT W/8906



42A05SE0124 40 DENTON

ch v. ort nd

W 8906 512

M:

900

Name and Postal Address of Recorded Holder

ESSO ~~MINERALS~~ RESOURCES CANADA LIMITED 100.

T-872

P.O. Box 290, Timmins, Ontario, P4N 7N6

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed 400	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.	Mining Claim		Work Days Cr.
	Prefix	Number		Prefix	Number		Prefix	Number	
for Performance of the following work. (Check one only)	P	1075102	200						
		1075103	200						

RECORDED
MAY 10 1989

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES
OFFICE
NOV 27 1989
RECEIVED

- Manual Work
- Shaft Sinking Drifting or other Lateral Work.
- Compressed Air, other Power driven or mechanical equip.
- Power Stripping
- Diamond or other Core drilling
- Land Survey

All the work was performed on Mining Claim(s): P - 568505

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Hole DE 88-6 was drilled to a depth of 225 metres = 738.18 ft. between October 17 and 23, 1988 using a Longyear 38 drill to recover BQ core. Work was performed by George Downings Diamond Drilling, Calumet, Quebec, JOV 180.

Duplicate copies of the drill log, section and map were filed with the Mining Recorder in Timmins on May 8, 1989.

*** 338.18 DAYS EXCESS CREDITS REMAIN**

RECEIVED
MAY 10 1989

Date of Report: May 10, 1989
Recorded Holder or Agent (Signature): [Signature]

Certification Verifying Report of Work 3:15 PM [Signature]

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying: Dane Bridge, Box 290, Timmins, Ontario, P4N 7N6

Date Certified: May 10, 1989
Certified by (Signature): [Signature]

Table of Information/Attachments Required by the Mining Recorder

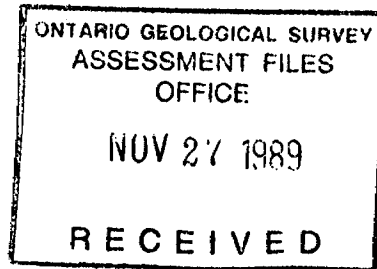
Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping	
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		

Esso

ESSO MINERALS CANADA

THIRD FLOOR, HOLLINGER BUILDING
637 ALGONQUIN AVENUE EAST, P.O. BOX 290
TIMMINS, ONTARIO P4N 7N6
TELEPHONE: (705) 267-6680

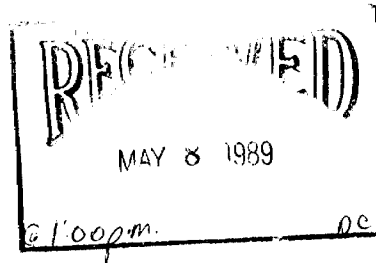
DANE A. BRIDGE
District Geologist, Timmins



File: Denton, 1697 A01

May 8, 1989

Mr. Gary White
Mining Recorder
60 Wilson Avenue
Timmins, Ontario
P4N 2S7



Dear Gary:

RE: Diamond drilling on Esso Minerals
Canada claims in Denton Township, 42A/5

Drill logs for 12 holes drilled for Esso Minerals in
September to November, 1988 are being donated to the Timmins
Assessment Files. At a later date I will be claiming
assessment on two claims from one of these 12 holes.

The following is enclosed in duplicate:

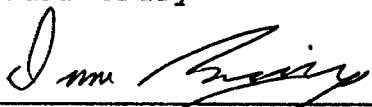
Drill logs for holes DE88-1 to DE88-12 and a relogging
of hole DE85-8.

Cross sections for above drill holes.

Map 1 showing the drill hole locations

Figures 1A and 1B showing the location of the property
and the individual claims.

Yours truly


Dane Bridge

cc. J. Pirie

A DIVISION OF ESSO RESOURCES CANADA LIMITED

Denton

SAND AND GRAVEL

①	M.T.C.	PIT 1417	FILE	126351
②	M.T.C.	PIT 1236	FILE	126351
③	M.T.C.	PIT 1470		
④	M.T.C.	PIT 1331		

NOTES

THIS TOWNSHIP LIES WITHIN THE MUNICIPALITY OF THE CITY OF TIMMINS.

IMPORTANT NOTICE

THIS TOWNSHIP FORMS PART OF THE WAFERBOARD FOREST MANAGEMENT AGREEMENT.

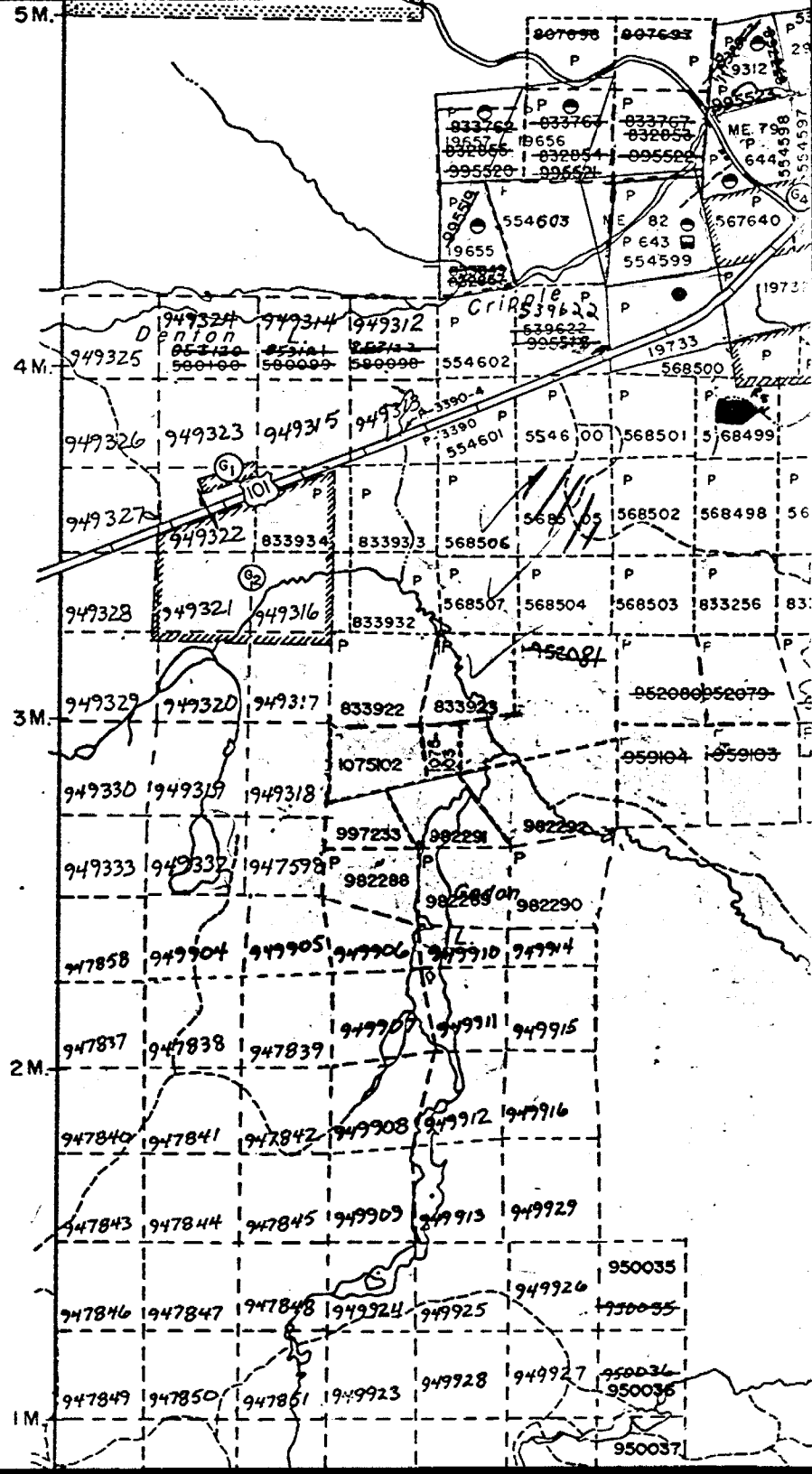
THE 1985/86 ANNUAL PLAN, ON FILE IN THE MINING RECORDER'S OFFICE, SHOWS THE AREAS TO BE AFFECTED IN THE NEXT YEAR.

IF THIS PLAN AFFECTS YOU, FURTHER INFORMATION MAY BE OBTAINED FROM:

MR, MALCOM KILGOUR,
UNIT FORESTER,
MINISTRY OF NATURAL RESOURCES,
896 Riverside Drive,
Timmins ,ontario

Tel: 705-267-7951

KEEFER TWP.



GEOLOGY OF DENTON NO. 1 PROSPECT (WESTERN SECTOR)

ESSO MINERALS CANADA DIV. OF ESSO RESOURCES CANADA LIMITED		
PROSPECT: DENTON NO. 1 PROJECT		
GEOLOGY FROM OUTCROPS, DRILLING AND GEOPHYSICAL INTERPRETATION		
ACCOUNT N°	1697	FILE N° TORONTO
DRAWN BY:	DATE	NTS
	Dec. /88	42 A / 5
DWG. N°	MAP 1	MAP N° 1
(1 cm = 2.5 m) SCALE 1:2500		
100 0 metres 100 200		
To Accompany A Report By: R. J. SHEGELSKI		
Dated: DECEMBER, 1988		

LEGEND

- 7 MATACHEWAN
DIABASE DYKES
- 6 KENORAN
GRANITIC INTRUSIONS
6B GRANODIORITE
6C DIORITE
INTRUSIVE CONTACT
ALTERATION
- 5 5D QUARTZ-CALCITE-CHLORITE VEINS
5F CARBONATED ROCK
- ALTERED AND/OR SHEARED ROCKS
- 4 4A SERICITE-CARBONATE SCHIST
4E CHLORITE SCHIST
- FELSIC VOLCANICS
- 3 3/3 UPPER TISDALE GROUP
UPPER DELORO GROUP
- MAFIC VOLCANICS
- 2 2A, B, C BASALTS
2D MASSIVE FLOW BASE
- ULTRAMAFIC ROCKS AND RELATED LAVAS
- 1B KOMATIITIC BASALT
- 1D, A ULTRAMAFIC FLOW BASE AND
CARBONATED EQUIVALENT
- 1, 1C SERPENTINITES AND ULTRAMAFIC
SCHISTS

