

DATA SET: 3801

CLIENT: MINDECO DATE: 728  
 LOCATION: 100 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1243.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 100.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 5 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.90 AMPS EM-57 11.90 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2027.40	170.29				
12	0.105	920.20	199.93				
13	0.136	475.60	205.33				
14	0.173	271.50	201.81				
15	0.217	159.90	199.15				
16	0.280	88.90	195.41				
17	0.354	49.13	197.76				
18	0.435	26.32	207.24				
19	0.552	13.23	219.04				
20	0.702	6.92	229.97				
21	0.865	3.48	260.41	3.00	288.05		
22	1.100	1.70	292.38	0.80	483.27		
23	1.410	0.82	312.92	0.30	611.74		
24	1.760	0.39	344.79	0.20	538.16		
25	2.240	0.06	831.09		284.23		
26	2.820	0.04	792.51		156.20		
27	3.570		453.87		94.32		
28	4.380		274.24		76.27		
29	5.550		195.62		36.32		
30	7.050		21.54		21.54		
31	8.650		23.06		23.06		
32	10.700		15.00		15.00		
33	13.800		11.26		11.26		
34	17.500		7.18		7.18		
35	21.900		5.53		5.53		
36	28.200		3.70		3.70		
37	35.600		2.50		2.50		
38	43.700		1.87		1.87		
39	55.400		1.31		1.31		
40	70.400		0.15	1.37			

DATA SET: 3802

CLIENT: MINDECO DATE: 728  
 LOCATION: 200 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1243.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 200.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 4 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3511.80	74.79				
12	0.105	1690.40	84.44				
13	0.136	731.50	98.09				
14	0.173	317.20	115.25				
15	0.217	140.70	137.39				
16	0.280	58.20	165.03				
17	0.354	24.00	201.96				
18	0.435	10.80	237.78				
19	0.552	4.55	282.61				
20	0.702	1.93	342.03				
21	0.865	1.09	357.68	1.80	407.18		
22	1.100	0.47	436.44	0.80	485.98		
23	1.410	0.18	544.76	0.10	1279.59		
24	1.760	0.05	859.06		541.17		
25	2.240		1095.13	0.20	374.53		
26	2.820		997.35		140.07		
27	3.570		324.68		136.54		
28	4.380		234.82		94.32		
29	5.550		143.80		72.17		
30	7.050				27.22		
31	8.650			0.02	176.52		
32	10.700			0.01	195.00		
33	13.800			0.03	61.52		
34	17.500			0.06	26.02		
35	21.900			0.07	16.25		
36	28.200				16.40		
37	35.600				8.12		
38	43.700				2.16		
39	55.400				1.62		
40	70.400			0.12			

DATA SET: 3803

CLIENT: MINDECO DATE: 728  
 LOCATION: 300 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1244.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 300.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 4 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.70 AMPS EM-57 11.70 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 53.0 muSEC RAMP: 53.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3694.40	71.10				
12	0.105	1855.80	78.02				
13	0.136	816.80	89.61				
14	0.173	346.00	106.94				
15	0.217	144.50	132.71				
16	0.280	52.95	172.82				
17	0.354	19.10	231.24				
18	0.435	6.92	314.43				
19	0.552	2.58	406.14				
20	0.702	0.90	558.30				
21	0.865	0.68	481.69	0.70	751.47		
22	1.100	0.25	653.68				
23	1.410	0.11	743.81		604.87		
24	1.760		2459.87		406.08		
25	2.240	0.02	1076.80		584.58		
26	2.820		579.74		335.38		
27	3.570		598.05		181.47		
28	4.380		230.89				
29	5.550		193.42		58.58		
30	7.050	0.13	43.04		42.49		
31	8.650				37.39		
32	10.700				33.01		
33	13.800				25.44		
34	17.500				13.89		
35	21.900				10.57		
36	28.200				7.32		
37	35.600				5.98		
38	43.700				3.63		
39	55.400				2.72		
40	70.400			0.08	2.10		

DATA SET: 3810

CLIENT: MINDECO DATE: 731  
 LOCATION: 1000 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1239.40 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 999.6000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3889.30	279.49				
12	0.105	1468.70	370.55				
13	0.136	724.00	395.08				
14	0.173	384.00	405.85				
15	0.217	212.50	417.49				
16	0.280	109.37	433.47				
17	0.354	57.53	451.05				
18	0.435	31.00	470.92				
19	0.552	16.70	475.09				
20	0.702	9.73	484.68				
21	0.865	6.21	448.51	6.60	431.50		
22	1.100	3.82	431.86	4.60	381.54		
23	1.410	1.75	478.36	2.90	341.60		
24	1.760	1.05	451.44	2.00	293.79		
25	2.240	0.58	464.08	1.20	285.82		
26	2.820	0.23	568.28	1.00	214.87		
27	3.570	0.08	783.68	0.28	344.07		
28	4.380		1364.03	0.65	133.94		
29	5.550		243.75	0.50	106.79		
30	7.050				213.74		
31	8.650				116.09		
32	10.700				84.59		
33	13.800				80.61		
34	17.500						
35	21.900			0.08	37.45		
36	28.200			0.40	8.56		
37	35.600			0.47	5.17		
38	43.700			0.62	2.99		
39	55.400			0.67	1.90		
40	70.400			0.13	3.82		

DATA SET: 3811

CLIENT: MINDECO LOCATION: 1100 3800E DATE: 731 SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1227.30 m EQUIPMENT: Geonics PROTEM  
 PROJECT: G/G HONGOL TEN SURVEY LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y) SOUNDING COORDINATES: X: 3800.0000 Y: 1100.4000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 1.00 Hz GAIN: 7  
 12.10 AMPS EM-57 12.10 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 mUSEC RAMP: 55.0 mUSEC RAMP: 130.0 mUSEC  
 SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	5258.00	229.86				
12 0.105	1983.30	305.32				
13 0.136	907.60	341.71				
14 0.173	459.70	361.97				
15 0.217	245.70	381.08				
16 0.280	123.35	402.30				
17 0.354	63.17	426.09				
18 0.435	32.75	456.51				
19 0.552	16.48	482.07				
20 0.702	9.85	463.30				
21 0.865	5.95	464.04	4.00	605.86		
22 1.100	3.37	472.10	1.10	995.84		
23 1.410	2.04	434.27		3242.26		
24 1.760	1.09	442.77		468.96		
25 2.240	0.52	501.90		247.68		
26 2.820	0.25	537.31		196.84		
27 3.570		1805.88		127.75		
28 4.380		2177.27		71.12		
29 5.550		3672.52		54.71		
30 7.050				32.51		
31 8.650				18.75		
32 10.700				12.42		
33 13.800				8.26		
34 17.500				5.31		
35 21.900				4.01		
36 28.200				2.97		
37 35.600				2.11		
38 43.700				1.55		
39 55.400				1.18		
40 70.400			0.39	1.84		

DATA SET: 3812

CLIENT: MINDECO LOCATION: 1200 3800E DATE: 731 SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1221.10 m EQUIPMENT: Geonics PROTEM  
 PROJECT: G/G HONGOL TEN SURVEY LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y) SOUNDING COORDINATES: X: 3800.0000 Y: 1199.8000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.60 AMPS EM-57 11.60 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 mUSEC RAMP: 54.0 mUSEC RAMP: 130.0 mUSEC  
 SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	2976.30	205.74				
12 0.105	1146.70	269.45				
13 0.136	517.10	304.53				
14 0.173	254.70	328.65				
15 0.217	129.30	358.08				
16 0.280	61.72	390.93				
17 0.354	29.75	431.16				
18 0.435	14.60	479.13				
19 0.552	7.00	522.42				
20 0.702	3.10	613.30				
21 0.865	2.36	526.49	2.80	410.69		
22 1.100	1.32	540.13	2.10	396.34		
23 1.410	0.70	542.68	1.20	378.87		
24 1.760	0.35	578.34	1.00	287.23		
25 2.240	0.18	623.54	0.90	213.25		
26 2.820	0.05	975.06	0.85	147.48		
27 3.570		165.17	0.42	158.53		
28 4.380		427.99	0.50	98.26		
29 5.550		769.27	0.35	83.43		
30 7.050	0.26	68.36	0.05	208.96		
31 8.650			0.12	82.97		
32 10.700			0.14	52.10		
33 13.800			0.30	26.95		
34 17.500			0.25	15.59		
35 21.900			0.38	8.16		
36 28.200			0.52	4.42		
37 35.600			0.53	2.94		
38 43.700			0.33	2.78		
39 55.400			0.34	1.85		
40 70.400			0.12	2.52		

DATA SET: 3813

CLIENT: MINDECO LOCATION: 1300 3800E DATE: 731 SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1229.40 m EQUIPMENT: Geonics PROTEM  
 PROJECT: G/G HONGOL TEN SURVEY LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y) SOUNDING COORDINATES: X: 3800.0000 Y: 1300.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.90 AMPS EM-57 11.90 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 mUSEC RAMP: 55.0 mUSEC RAMP: 130.0 mUSEC  
 SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	3366.80	192.76				
12 0.105	1367.90	243.67				
13 0.136	607.60	278.18				
14 0.173	293.80	303.93				
15 0.217	147.10	334.22				
16 0.280	70.32	364.52				
17 0.354	34.53	397.13				
18 0.435	17.48	432.32				
19 0.552	8.40	470.57				
20 0.702	5.07	449.11				
21 0.865	2.85	472.24	1.00	951.12		
22 1.100	1.55	493.51	0.50	1049.45		
23 1.410	0.79	509.23		801.61		
24 1.760	0.41	529.38		410.70		
25 2.240	0.21	572.30		256.47		
26 2.820	0.09	696.29		200.52		
27 3.570	0.08	480.97		128.13		
28 4.380	0.01	1169.94		107.22		
29 5.550		1441.34		53.46		
30 7.050				34.19		
31 8.650				18.08		
32 10.700				11.76		
33 13.800				7.79		
34 17.500				5.40		
35 21.900				3.68		
36 28.200				2.90		
37 35.600				2.15		
38 43.700				1.60		
39 55.400				1.25		
40 70.400			0.29	1.39		

DATA SET: 3814

CLIENT: MINDECO LOCATION: 1400 3800E DATE: 731 SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.90 m EQUIPMENT: Geonics PROTEM  
 PROJECT: G/G HONGOL TEN SURVEY LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y) SOUNDING COORDINATES: X: 3800.0000 Y: 1210.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 12.10 AMPS EM-57 12.10 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 56.0 mUSEC RAMP: 56.0 mUSEC RAMP: 130.0 mUSEC  
 SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC SHIFT: 0.0 mUSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	2652.50	228.56				
12 0.105	1001.90	303.23				
13 0.136	449.90	343.68				
14 0.173	227.30	364.67				
15 0.217	120.30	386.45				
16 0.280	60.12	409.18				
17 0.354	31.52	426.66				
18 0.435	16.85	447.89				
19 0.552	9.18	448.64				
20 0.702	4.18	517.24				
21 0.865	2.77	486.66	2.00	605.86		
22 1.100	1.38	539.32	1.00	668.50		
23 1.410	0.85	490.40	0.60	618.58		
24 1.760	0.40	544.18	0.30	659.22		
25 2.240	0.21	578.69	0.20	597.83		
26 2.820	0.04	1214.90		191.34		
27 3.570	0.07	530.10		163.05		
28 4.380	0.03	698.78		97.93		
29 5.550				107.38		
30 7.050	0.13	110.91		116.68		
31 8.650				41.80		
32 10.700				28.55		
33 13.800				20.26		
34 17.500				12.82		
35 21.900				8.40		
36 28.200				6.51		
37 35.600				4.48		
38 43.700				3.25		
39 55.400				2.62		
40 70.400			0.17	2.06		

DATA SET: 3817

CLIENT: MINDECO DATE: 731  
 LOCATION: 1700 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1201.70 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 1722.4000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.20 AMPS EM-57 11.20 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 50.0 muSEC RAMP: 50.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2611.80	217.97			
12	0.105	019.60	327.30			
13	0.136	342.60	389.10			
14	0.173	180.20	401.93			
15	0.217	101.10	409.89			
16	0.280	53.28	418.76			
17	0.354	29.20	423.92			
18	0.435	15.90	439.54			
19	0.552	8.50	445.71			
20	0.702	5.12	425.95			
21	0.865	3.16	430.84	2.50	492.94	
22	1.100	1.74	436.27	1.20	558.90	
23	1.410	1.09	415.45	0.70	526.97	
24	1.760	0.57	405.72	0.20	815.55	
25	2.240	0.43	339.82			
26	2.820	0.19	385.45			
27	3.570	0.15	308.23			
28	4.380	0.04	493.54			
29	5.550	0.05	306.76			
30	7.050					
31	8.650					
32	10.700					
33	13.800					
34	17.500					
35	21.900					
36	28.200					
37	35.600					
38	43.700					
39	55.400					
40	70.400			0.06	3.94	

DATA SET: 3818

CLIENT: MINDECO DATE: 731  
 LOCATION: 1800 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1200.10 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 1791.6000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2682.10	225.57			
12	0.105	972.10	307.69			
13	0.136	444.70	344.44			
14	0.173	227.30	362.66			
15	0.217	121.60	381.57			
16	0.280	61.85	399.32			
17	0.354	32.75	413.66			
18	0.435	17.37	436.40			
19	0.552	9.65	431.40			
20	0.702	4.90	462.31			
21	0.865	3.00	458.92	1.90	623.48	
22	1.100	1.64	478.04	0.50	1055.32	
23	1.410	0.74	534.90		805.09	
24	1.760	0.36	580.55		541.17	
25	2.240	0.16	589.89		218.12	
26	2.820	0.04	1208.20		122.03	
27	3.570		1150.07		77.95	
28	4.380		794.39		56.07	
29	5.550		293.04		37.02	
30	7.050	0.13	110.30		18.39	
31	8.650			0.21	58.44	
32	10.700			0.18	45.07	
33	13.800			0.04	80.61	
34	17.500				27.57	
35	21.900				12.81	
36	28.200				3.31	
37	35.600				2.10	
38	43.700				1.29	
39	55.400				0.81	
40	70.400			0.18	1.96	

DATA SET: 3819

CLIENT: MINDECO DATE: 731  
 LOCATION: 1900 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1191.40 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 1891.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.20 AMPS EM-57 11.20 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 52.0 muSEC RAMP: 52.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3844.10	169.47			
12	0.105	1548.50	215.44			
13	0.136	672.20	249.76			
14	0.173	313.30	279.65			
15	0.217	150.90	315.57			
16	0.280	69.93	351.42			
17	0.354	34.55	381.22			
18	0.435	17.73	411.28			
19	0.552	9.18	426.11			
20	0.702	5.22	423.02			
21	0.865	3.25	415.51	1.20	808.90	
22	1.100	1.69	447.50			
23	1.410	0.88	455.12		663.44	
24	1.760	0.44	485.03		248.47	
25	2.240	0.27	464.84		208.32	
26	2.820	0.11	571.80		107.16	
27	3.570	0.08	481.58		68.33	
28	4.380	0.01	1122.64		43.30	
29	5.550		1384.24		33.98	
30	7.050		106.68		17.60	
31	8.650				16.28	
32	10.700				13.28	
33	13.800				8.45	
34	17.500				5.54	
35	21.900				3.77	
36	28.200				2.27	
37	35.600				1.53	
38	43.700				1.09	
39	55.400				0.76	
40	70.400			6.14	2.16	

DATA SET: 3820

CLIENT: MINDECO DATE: 731  
 LOCATION: 2000 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1197.30 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2000.7000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	4230.20	169.24			
12	0.105	1638.90	220.82			
13	0.136	700.50	258.65			
14	0.173	331.60	285.62			
15	0.217	168.90	311.60			
16	0.280	81.35	338.16			
17	0.354	41.17	361.00			
18	0.435	21.42	385.81			
19	0.552	10.70	409.38			
20	0.702	6.10	406.13			
21	0.865	3.53	418.58	2.70	501.45	
22	1.100	1.82	453.38	1.30	567.39	
23	1.410	0.82	507.81	0.60	625.37	
24	1.760	0.43	524.26		959.42	
25	2.240	0.19	625.42		346.75	
26	2.820	0.13	636.22		134.76	
27	3.570	0.08	501.88		152.20	
28	4.380		954.88		68.39	
29	5.550		423.05		37.41	
30	7.050	0.13	112.13		35.22	
31	8.650				24.51	
32	10.700				16.57	
33	13.800				10.80	
34	17.500				7.58	
35	21.900				5.70	
36	28.200				4.14	
37	35.600				3.18	
38	43.700				2.51	
39	55.400				2.51	
40	70.400			0.13	2.45	

DATA SET: 3825

CLIENT: MINDECO  
 LOCATION: 2500 3800E  
 COUNTY: MONGOLIA  
 PROJECT: G/G MONGOL TEM SURVEY  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2500.3999

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO.  
 30.00 Hz GAIN: 3 1.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3516.70	47.07				
12	0.105	2026.20	47.14				
13	0.136	1062.20	48.19				
14	0.173	558.70	49.78				
15	0.217	298.10	52.47				
16	0.280	148.45	55.69				
17	0.354	72.10	61.11				
18	0.435	35.90	67.25				
19	0.552	16.27	76.12				
20	0.702	7.38	88.00				
21	0.865	4.09	93.31	14.70	100.41		
22	1.100	1.95	106.48	7.10	113.37		
23	1.410	0.87	120.05	2.30	150.22		
24	1.760	0.41	133.08	0.90	198.55		
25	2.240	0.23	135.41	0.20	374.53		
26	2.820	0.10	157.07		395.80		
27	3.570	0.04	195.92	0.03	675.36		
28	4.380	0.01	341.01		57.68		
29	5.550	0.00	575.19		49.18		
30	7.050				18.91		
31	8.650				18.08		
32	10.700				13.17		
33	13.800				8.35		
34	17.500				6.42		
35	21.900				4.32		
36	28.200				3.08		
37	35.600				2.27		
38	43.700				1.67		
39	55.400				1.37		
40	70.400			0.17	1.29		

DATA SET: 3827

CLIENT: MINDECO  
 LOCATION: 2700 3800E  
 COUNTY: MONGOLIA  
 PROJECT: G/G MONGOL TEM SURVEY  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2700.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO.  
 30.00 Hz GAIN: 1 3.00 Hz GAIN: 3 3.00 Hz GAIN: 7  
 12.50 AMPS EM-57 12.50 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3460.80	19.40				
12	0.105	2526.20	16.60				
13	0.136	1785.40	13.90				
14	0.173	1232.80	11.98				
15	0.217	826.90	10.83				
16	0.280	507.10	10.01				
17	0.354	297.92	9.68				
18	0.435	171.68	9.66				
19	0.552	88.25	10.06				
20	0.702	43.17	11.05				
21	0.865	21.85	12.45	86.40	12.57		
22	1.100	9.55	15.06	36.70	15.46		
23	1.410	3.39	19.77	12.60	20.76		
24	1.760	1.13	27.61	4.20	28.99		
25	2.240	0.39	38.83	1.20	46.26		
26	2.820	0.11	58.22	0.25	87.62		
27	3.570	0.04	79.90		94.19		
28	4.380	0.00	350.41		75.49		
29	5.550		234.56		38.57		
30	7.050		11.24		9.93		
31	8.650			0.08	28.57		
32	10.700			0.04	31.56		
33	13.800			0.03	25.09		
34	17.500				35.03		
35	21.900				9.62		
36	28.200				6.41		
37	35.600			0.01	13.24		
38	43.700			0.01	6.51		
39	55.400				1.93		
40	70.400			0.08	0.85		

DATA SET: 3826

CLIENT: MINDECO  
 LOCATION: 2600 3800E  
 COUNTY: MONGOLIA  
 PROJECT: G/G MONGOL TEM SURVEY  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2599.8000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO.  
 30.00 Hz GAIN: 3 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 12.00 AMPS EM-57 12.00 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	5197.40	36.28				
12	0.105	3142.30	35.19				
13	0.136	1746.90	34.59				
14	0.173	963.30	34.52				
15	0.217	532.10	35.66				
16	0.280	275.23	36.90				
17	0.354	138.75	39.50				
18	0.435	71.70	42.41				
19	0.552	33.87	46.69				
20	0.702	16.33	51.81				
21	0.865	8.76	56.16	32.30	59.41		
22	1.100	4.44	61.52	16.30	65.15		
23	1.410	2.06	67.58	7.20	73.93		
24	1.760	0.99	73.94	3.20	85.23		
25	2.240	0.54	76.65	1.50	97.75		
26	2.820	0.31	73.88	0.55	127.03		
27	3.570	0.12	91.66	0.10	268.01		
28	4.380	0.06	106.25		107.82		
29	5.550	0.02	132.94		45.46		
30	7.050	0.13	27.93		19.60		
31	8.650				26.70		
32	10.700				23.44		
33	13.800				14.58		
34	17.500				8.52		
35	21.900				6.02		
36	28.200				3.33		
37	35.600				2.41		
38	43.700				1.65		
39	55.400				1.22		
40	70.400			0.09	1.90		

DATA SET: 3828

CLIENT: MINDECO  
 LOCATION: 2800 3800E  
 COUNTY: MONGOLIA  
 PROJECT: G/G MONGOL TEM SURVEY  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2799.8999

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 5-10,16,20; NO.  
 30.00 Hz GAIN: 1 3.00 Hz GAIN: 3 3.00 Hz GAIN: 7  
 12.40 AMPS EM-57 12.40 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL	T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	4651.90	15.85				
12	0.105	3604.50	13.02				
13	0.136	2668.50	10.58				
14	0.173	1914.60	8.88				
15	0.217	1330.90	7.85				
16	0.280	854.28	7.03				
17	0.354	534.72	6.52				
18	0.435	330.12	6.22				
19	0.552	186.30	6.08				
20	0.702	98.75	6.13				
21	0.865	56.59	6.57	224.50	6.52		
22	1.100	27.98	7.31	109.30	7.43		
23	1.410	11.78	8.57	45.90	8.72		
24	1.760	4.76	10.53	18.10	10.89		
25	2.240	2.00	12.99	7.40	13.68		
26	2.820	0.75	16.70	2.67	17.95		
27	3.570	0.27	22.25	0.95	24.24		
28	4.380	0.14	24.10	0.60	22.74		
29	5.550	0.04	36.74	0.15	38.36		
30	7.050	0.13	11.18		11.04		
31	8.650			0.03	54.64		
32	10.700				51.90		
33	13.800			0.01	21.95		
34	17.500				14.58		
35	21.900				9.62		
36	28.200				6.41		
37	35.600			0.03	7.32		
38	43.700			0.01	9.37		
39	55.400				18.92		
40	70.400			0.17	3.46		

DATA SET: 3829

CLIENT: MINDECO DATE: 801  
 LOCATION: 2900 3800E SOUNDING: 00500  
 COUNTY: MONGOLIA ELEVATION: 1179.40 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 2900.1001

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 2 3.00 Hz GAIN: 4 3.00 Hz GAIN: 7  
 12.30 AMPS EM-57 12.30 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CINL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	4711.90	24.00			
12	0.105	3030.40	23.08			
13	0.136	1059.40	21.25			
14	0.173	1141.50	19.80			
15	0.217	711.60	18.81			
16	0.280	425.50	17.67			
17	0.354	250.45	16.62			
18	0.435	165.62	15.54			
19	0.552	102.60	14.28			
20	0.702	62.97	13.49			
21	0.865	42.55	12.54	168.70	12.64	
22	1.100	25.90	12.16	101.40	12.33	
23	1.410	14.15	11.98	55.70	12.10	
24	1.760	7.44	12.34	29.60	12.39	
25	2.240	3.87	13.21	14.80	13.61	
26	2.820	1.74	14.97	6.70	15.37	
27	3.570	0.70	18.51	2.71	18.95	
28	4.380	0.28	23.97	0.90	27.40	
29	5.550	0.12	27.14	0.10	79.36	
30	7.050	0.11	17.66		17.43	
31	8.650				179.45	
32	10.700				34.13	
33	13.600				32.52	
34	17.500				26.45	
35	21.900				18.30	
36	28.200				21.84	
37	35.600				8.25	
38	43.700				4.05	
39	55.400				4.04	
40	70.400			0.09	1.22	

DATA SET: 3830

CLIENT: MINDECO DATE: 801  
 LOCATION: 3000 3800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1173.90 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 3800.0000 Y: 3000.5000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 2 3.00 Hz GAIN: 4 3.00 Hz GAIN: 7  
 12.40 AMPS EM-57 12.40 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CINL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	4186.80	26.98			
12	0.105	2590.70	25.77			
13	0.136	1548.70	24.13			
14	0.173	932.40	22.70			
15	0.217	575.90	21.78			
16	0.280	335.70	20.81			
17	0.354	198.98	20.00			
18	0.435	122.18	19.14			
19	0.552	71.45	18.28			
20	0.702	42.08	17.75			
21	0.865	27.30	16.95	107.60	17.15	
22	1.100	16.41	16.57	64.00	16.85	
23	1.410	9.33	15.89	36.50	16.13	
24	1.760	5.26	15.64	20.50	15.91	
25	2.240	3.00	15.73	11.70	16.00	
26	2.820	1.50	16.67	5.78	17.06	
27	3.570	0.64	19.76	2.55	19.92	
28	4.380	0.27	24.55	1.10	24.10	
29	5.550	0.08	38.36	0.42	30.41	
30	7.050	0.13	17.75		13.95	
31	8.650				54.64	
32	10.700				31.39	
33	13.600				22.52	
34	17.500				18.92	
35	21.900				13.09	
36	28.200				10.56	
37	35.600				10.87	
38	43.700				4.94	
39	55.400			0.01	7.98	
40	70.400			0.16	0.84	

DATA SET: 4000

CLIENT: MINDECO DATE: 806  
 LOCATION: 0 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1277.60 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 0.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 5 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.70 AMPS EM-37 11.70 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	2720.90	130.39				
12 0.105	1333.50	154.34				
13 0.136	681.10	160.57				
14 0.173	376.00	160.60				
15 0.217	212.40	162.96				
16 0.280	116.95	161.76				
17 0.354	63.25	165.22				
18 0.435	34.47	171.19				
19 0.552	17.12	182.30				
20 0.702	8.57	197.19				
21 0.865	4.47	217.90	5.40	192.48		
22 1.100	2.07	253.53	2.20	243.44		
23 1.410	0.87	297.44	0.60	381.04		
24 1.760	0.22	435.35	0.20	532.12		
25 2.240	0.17	410.40	0.20	368.26		
26 2.820		1806.38		187.09		
27 3.570	0.05	404.94		263.53		
28 4.380		322.02		156.87		
29 5.550		176.21	0.08	147.61		
30 7.050				23.35		
31 8.650				34.07		
32 10.700				21.85		
33 13.800				13.98		
34 17.500				12.78		
35 21.900				11.15		
36 28.200				7.23		
37 35.600				6.88		
38 43.700				11.47		
39 55.400			0.01	10.50		
40 70.400			0.17	1.25		

DATA SET: 4001

CLIENT: MINDECO DATE: 806  
 LOCATION: 100 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1239.30 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 100.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 4 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.80 AMPS EM-37 11.80 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 56.0 muSEC RAMP: 56.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	3910.90	68.84				
12 0.105	1928.00	76.49				
13 0.136	842.60	88.28				
14 0.173	368.10	101.20				
15 0.217	166.20	121.58				
16 0.280	70.95	143.00				
17 0.354	30.45	170.41				
18 0.435	14.02	197.54				
19 0.552	6.03	231.75				
20 0.702	2.70	269.93				
21 0.865	1.68	265.07	2.50	323.45		
22 1.100	0.76	313.27	0.60	582.16		
23 1.410	0.29	391.97				
24 1.760	0.08	620.98				
25 2.240	0.05	587.90				
26 2.820						
27 3.570		321.06				
28 4.380		649.45				
29 5.550		308.78				
30 7.050	0.13	43.28				
31 8.650						
32 10.700						
33 13.800						
34 17.500						
35 21.900						
36 28.200						
37 35.600						
38 43.700						
39 55.400						
40 70.400			0.13			

DATA SET: 4002

CLIENT: MINDECO DATE: 806  
 LOCATION: 200 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1242.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 199.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 4 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.70 AMPS EM-37 11.70 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	4832.40	59.44				
12 0.105	2550.90	63.11				
13 0.136	1181.10	70.06				
14 0.173	524.80	81.01				
15 0.217	227.70	98.01				
16 0.280	87.40	123.74				
17 0.354	31.20	165.71				
18 0.435	11.55	223.57				
19 0.552	4.05	300.30				
20 0.702	1.55	388.57				
21 0.865	0.30	399.59	1.00	592.44		
22 1.100	0.39	485.98	0.30	918.90		
23 1.410	0.14	633.34	0.10	1258.18		
24 1.760	0.04	980.17	0.20	532.12		
25 2.240			0.20	368.26		
26 2.820		617.77		617.77		
27 3.570		351.20	0.10	263.53		
28 4.380		271.16		182.03		
29 5.550		193.42		147.61		
30 7.050	0.13	43.04		31.79		
31 8.650				63.68		
32 10.700			0.01	191.74		
33 13.800			0.02	79.26		
34 17.500			0.02	53.21		
35 21.900				58.46		
36 28.200			0.04	16.88		
37 35.600			0.05	9.33		
38 43.700			0.04	7.90		
39 55.400			0.06	3.80		
40 70.400			0.16	1.31		

DATA SET: 4003

CLIENT: MINDECO DATE: 806  
 LOCATION: 300 4090E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1250.70 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 299.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 5 3.00 Hz GAIN: 5 3.00 Hz GAIN: 7  
 11.80 AMPS EM-37 11.80 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 54.0 muSEC RAMP: 54.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	3829.70	110.81				
12 0.105	1834.90	125.49				
13 0.136	904.50	133.66				
14 0.173	477.70	137.69				
15 0.217	255.80	144.78				
16 0.280	127.10	153.90				
17 0.354	60.95	170.31				
18 0.435	29.80	189.73				
19 0.552	13.20	218.09				
20 0.702	6.28	244.21				
21 0.865	3.53	256.49	3.60	253.65		
22 1.100	1.53	311.90	1.70	290.74		
23 1.410	0.84	306.21	0.70	345.79		
24 1.760	0.23	487.53	0.60	257.27		
25 2.240	0.18	397.31	0.40	233.31		
26 2.820		873.36	0.45	143.59		
27 3.570	0.01	1230.15				
28 4.380		189.43	0.15	139.70		
29 5.550		148.45		148.45		
30 7.050	0.13	68.71		38.23		
31 8.650			0.15	45.56		
32 10.700			0.23	23.84		
33 13.800			0.22	16.12		
34 17.500			0.29	9.00		
35 21.900			0.25	6.88		
36 28.200			0.29	4.12		
37 35.600			0.28	2.91		
38 43.700			0.28	1.96		
39 55.400			0.31	1.25		
40 70.400			0.16	1.29		

DATA SET: 4012

CLIENT: MINDECO DATE: 730  
 LOCATION: 1200 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1214.20 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1200.6000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 5-10,16,20; NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.40 AMPS EM-37 11.40 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 50.0 muSEC RAMP: 50.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3279.60	190.63			
12	0.105	1161.90	264.01			
13	0.136	502.70	306.74			
14	0.173	251.20	322.75			
15	0.217	135.60	342.91			
16	0.280	69.20	358.07			
17	0.354	35.03	382.25			
18	0.435	17.52	419.32			
19	0.552	8.57	451.05			
20	0.702	4.47	474.63			
21	0.865	2.60	487.88	1.40	738.56	
22	1.100	1.36	523.38	0.80	745.51	
23	1.410	0.60	594.48	0.10	1962.94	
24	1.760	0.36	561.04		830.18	
25	2.240	0.13	765.68		574.94	
26	2.820	0.04	1074.11		222.76	
27	3.570		790.63		140.61	
28	4.380		399.21		129.43	
29	5.550		187.00		67.28	
30	7.050	0.26	67.57		32.53	
31	8.650				33.48	
32	10.700				26.47	
33	13.800				15.29	
34	17.500				10.74	
35	21.900				4.21	
36	28.200				5.73	
37	35.600				5.05	
38	43.700				4.72	
39	55.400				2.17	
40	70.400			0.21	1.69	

DATA SET: 4013

CLIENT: MINDECO DATE: 730  
 LOCATION: 1300 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1217.70 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1300.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 5-10,16,20; NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.30 AMPS EM-37 11.30 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 52.0 muSEC RAMP: 52.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	4213.80	160.35			
12	0.105	1501.60	221.22			
13	0.136	591.90	273.48			
14	0.173	305.50	286.08			
15	0.217	158.60	307.09			
16	0.280	78.87	326.23			
17	0.354	40.65	344.09			
18	0.435	20.33	377.64			
19	0.552	10.07	402.72			
20	0.702	5.50	411.23			
21	0.865	2.84	457.30	2.00	578.85	
22	1.100	1.57	472.82	1.00	638.70	
23	1.410	0.80	487.86	0.80	487.86	
24	1.760	0.38	538.00	0.60	356.77	
25	2.240	0.11	552.90		905.69	
26	2.820	0.10	603.61		380.25	
27	3.570		723.08		238.04	
28	4.380	0.02	763.19		215.46	
29	5.550		281.53	0.08	228.94	
30	7.050	0.26	57.18		39.18	
31	8.650				81.53	
32	10.700				118.02	
33	13.800				93.82	
34	17.500				35.80	
35	21.900				27.46	
36	28.200				17.79	
37	35.600				64.88	
38	43.700			0.04	12.25	
39	55.400			0.01	18.90	
40	70.400			0.08	3.20	

DATA SET: 4014

CLIENT: MINDECO DATE: 730  
 LOCATION: 1400 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1214.60 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1400.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 5-10,16,20; NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.30 AMPS EM-37 11.30 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 52.0 muSEC RAMP: 52.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3551.00	179.73			
12	0.105	1256.20	249.16			
13	0.136	516.90	299.33			
14	0.173	266.40	313.43			
15	0.217	139.40	334.67			
16	0.280	70.57	351.33			
17	0.354	36.05	372.77			
18	0.435	18.58	401.00			
19	0.552	8.98	434.99			
20	0.702	4.87	445.87			
21	0.865	2.87	454.11	2.20	543.22	
22	1.100	1.47	494.03	1.10	599.38	
23	1.410	0.84	566.11	0.30	938.16	
24	1.760	0.37	547.65	0.10	1310.11	
25	2.240	0.18	612.74		906.69	
26	2.820	0.06	872.93		380.25	
27	3.570	0.04	752.90		238.04	
28	4.380		1310.45		164.42	
29	5.550	0.00	2210.41	0.05	300.00	
30	7.050				53.59	
31	8.650				35.37	
32	10.700				23.51	
33	13.800				16.68	
34	17.500				12.24	
35	21.900				8.81	
36	28.200				8.12	
37	35.600				5.90	
38	43.700				6.53	
39	55.400				6.46	
40	70.400			0.21	1.68	

DATA SET: 4015

CLIENT: MINDECO DATE: 730  
 LOCATION: 1500 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 108.60 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1500.2000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 5-10,16,20; NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.80 AMPS EM-37 11.80 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 53.0 muSEC RAMP: 53.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3719.30	179.37			
12	0.105	1287.20	252.32			
13	0.136	495.00	317.12			
14	0.173	244.20	341.87			
15	0.217	122.80	374.86			
16	0.280	61.92	394.55			
17	0.354	30.62	427.76			
18	0.435	17.10	436.15			
19	0.552	7.92	486.45			
20	0.702	4.55	480.31			
21	0.865	2.72	484.43	3.60	402.65	
22	1.100	1.09	620.70	0.70	833.87	
23	1.410	0.49	656.24	0.40	397.11	
24	1.760	0.05	2140.58		1348.48	
25	2.240	0.06	1311.88		370.36	
26	2.820				361.83	
27	3.570		809.02		265.03	
28	4.380		184.61		115.32	
29	5.550		194.52		122.54	
30	7.050				29.17	
31	8.650				33.30	
32	10.700				147.16	
33	13.800				23.49	
34	17.500				23.21	
35	21.900				16.88	
36	28.200				9.59	
37	35.600				7.51	
38	43.700				5.00	
39	55.400				5.32	
40	70.400			0.12	3.44	

DATA SET: 4016

CLIENT: MINDECO DATE: 730  
 LOCATION: 1600 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1213.20 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1599.1000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.70 AMPS EM-37 11.70 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	2728.40	219.28				
12 0.105	984.80	299.93				
13 0.136	449.80	336.11				
14 0.173	228.50	355.34				
15 0.217	120.20	378.09				
16 0.280	62.30	390.75				
17 0.354	32.95	405.09				
18 0.435	17.58	425.84				
19 0.552	8.80	451.08				
20 0.702	5.10	442.61				
21 0.865	2.58	498.97	2.30	539.73		
22 1.100	1.19	582.11	0.90	701.25		
23 1.410	0.46	722.09	0.10	1997.23		
24 1.760	0.12	1187.39	0.10	1340.85		
25 2.240	0.04	1709.32		927.96		
26 2.820	0.05	869.42		255.94		
27 3.570	0.06	557.49		360.50		
28 4.380	0.22	173.46		92.74		
29 5.550	0.31	90.01		83.91		
30 7.050				33.81		
31 8.650				63.68		
32 10.700				41.31		
33 13.800				24.00		
34 17.500				17.62		
35 21.900				10.06		
36 28.200				7.87		
37 35.600				6.21		
38 43.700				4.86		
39 55.400				2.77		
40 70.400			0.09	3.14		

DATA SET: 4017

CLIENT: MINDECO DATE: 730  
 LOCATION: 1700 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1195.30 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 1697.5000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.20 AMPS EM-37 11.20 AMPS EM-37 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 52.0 muSEC RAMP: 52.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	2768.90	210.90				
12 0.105	922.70	304.25				
13 0.136	396.00	354.93				
14 0.173	215.40	359.00				
15 0.217	115.40	375.19				
16 0.280	62.17	380.04				
17 0.354	33.65	387.98				
18 0.435	17.27	416.39				
19 0.552	8.52	447.50				
20 0.702	4.85	444.56				
21 0.865	2.73	466.73	2.20	540.01		
22 1.100	1.30	533.04	1.80	429.08		
23 1.410	0.97	426.52	0.50	663.44		
24 1.760		2398.99		820.44		
25 2.240	0.12	798.17	0.10	981.33		
26 2.820	0.10	600.05		220.14		
27 3.570	0.05	691.93		185.19		
28 4.380		445.52		106.97		
29 5.550		194.41		74.56		
30 7.050		105.34		30.88		
31 8.650				47.20		
32 10.700				46.56		
33 13.800				31.89		
34 17.500				17.11		
35 21.900				14.20		
36 28.200				8.50		
37 35.600				5.86		
38 43.700				4.42		
39 55.400				3.02		
40 70.400			0.13	2.30		

DATA SET: 4023

CLIENT: MINDECO DATE: 730  
 LOCATION: 2300 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1198.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 2299.7000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.20 AMPS EM-57 11.20 AMPS EM-57 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 50.0 muSEC RAMP: 50.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	3288.50	188.06				
12 0.105	1145.00	263.48				
13 0.136	523.40	295.10				
14 0.173	304.20	285.20				
15 0.217	177.80	282.88				
16 0.280	100.53	275.89				
17 0.354	55.55	277.77				
18 0.435	30.42	286.88				
19 0.552	15.43	301.38				
20 0.702	8.12	315.17				
21 0.865	4.40	339.52	4.50	335.13		
22 1.100	2.53	333.24	2.00	399.99		
23 1.410	1.34	363.86	0.50	663.44		
24 1.760	0.76	336.92	0.10	1302.37		
25 2.240	0.38	370.14		901.33		
26 2.820	0.31	282.23		413.20		
27 3.570	0.07	515.39		130.43		
28 4.380	0.05	445.52		99.32		
29 5.550		232.79		52.60		
30 7.050				26.40		
31 8.650				26.55		
32 10.700				23.37		
33 13.800				20.09		
34 17.500				16.33		
35 21.900				16.30		
36 28.200				5.18		
37 35.600				2.90		
38 43.700				2.13		
39 55.400				4.42		
40 70.400			0.05	4.66		

DATA SET: 4024

CLIENT: MINDECO DATE: 730  
 LOCATION: 2400 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1189.20 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 2399.5000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 6 3.00 Hz GAIN: 7  
 11.80 AMPS EM-57 11.80 AMPS EM-57 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 55.0 muSEC RAMP: 55.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085	4740.90	152.58				
12 0.105	2173.50	177.94				
13 0.136	992.40	199.45				
14 0.173	480.40	217.75				
15 0.217	245.60	236.15				
16 0.280	124.28	247.99				
17 0.354	67.22	253.26				
18 0.435	36.72	262.02				
19 0.552	19.48	267.13				
20 0.702	10.77	270.35				
21 0.865	7.02	257.47	6.20	280.24		
22 1.100	3.90	265.33	3.60	279.87		
23 1.410	2.06	267.29	2.20	295.83		
24 1.760	0.99	292.47	0.80	337.12		
25 2.240	0.74	245.76	0.90	215.69		
26 2.820	0.28	310.90	0.12	535.41		
27 3.570	0.15	324.68	0.20	265.03		
28 4.380	0.02	785.54	0.12	250.43		
29 5.550	0.06	259.23		167.63		
30 7.050				38.23		
31 8.650			0.06	133.21		
32 10.700				58.40		
33 13.800				68.69		
34 17.500				14.98		
35 21.900				13.59		
36 28.200				9.49		
37 35.600				9.22		
38 43.700				6.16		
39 55.400				9.35		
40 70.400			0.14	2.24		



DATA SET: 4028

CLIENT: MINDECO DATE: 731  
 LOCATION: 2900 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1182.70 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 2801.3000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 3.00 Hz GAIN: 3 3.00 Hz GAIN: 7  
 11.20 AMPS EM-57 11.80 AMPS EM-57 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 52.0 muSEC RAMP: 52.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2809.30	21.46			
12	0.105	1828.80	19.81			
13	0.136	1067.50	18.85			
14	0.173	598.00	18.67			
15	0.217	328.80	19.22			
16	0.280	162.80	20.55			
17	0.354	76.10	23.13			
18	0.435	35.90	26.39			
19	0.552	15.05	31.47			
20	0.702	6.15	38.98			
21	0.865	3.18	43.31	12.10	44.86	
22	1.100	1.54	48.51	5.20	54.76	
23	1.410	0.70	54.46	2.30	62.09	
24	1.760	0.35	58.04	1.10	68.16	
25	2.240	0.19	60.36	0.70	63.76	
26	2.820	0.10	61.84	0.28	79.13	
27	3.570	0.05	64.14	0.15	80.26	
28	4.380	0.03	68.18		88.01	
29	5.550	0.00	225.72		3.69	
30	7.050	0.13	10.82	0.06	33.30	
31	8.650				7.050	
32	10.700				14.11	
33	13.800			50.21		
34	17.500				11.22	
35	21.900				4.46	
36	28.200				2.34	
37	35.600				1.90	
38	43.700				0.88	
39	55.400				0.14	
40	70.400				0.55	

DATA SET: 4029

CLIENT: MINDECO DATE: 731  
 LOCATION: 2900 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1178.90 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 2899.8999

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 3.00 Hz GAIN: 3 3.00 Hz GAIN: 7  
 11.20 AMPS EM-57 11.20 AMPS EM-57 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 48.0 muSEC RAMP: 48.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3877.00	16.72			
12	0.105	2938.60	13.94			
13	0.136	2072.80	11.70			
14	0.173	1415.10	10.15			
15	0.217	933.90	9.29			
16	0.280	598.87	8.72			
17	0.354	311.67	8.73			
18	0.435	166.87	9.15			
19	0.552	77.35	10.21			
20	0.702	33.45	12.17			
21	0.865	15.60	14.49	62.70	14.47	
22	1.100	6.80	17.55	26.50	17.86	
23	1.410	2.64	21.71	9.70	22.97	
24	1.760	1.08	26.45	4.00	27.84	
25	2.240	0.49	31.00	1.60	35.43	
26	2.820	0.20	37.82	0.65	43.07	
27	3.570	0.10	40.31	0.05	161.25	
28	4.380	0.03	62.13		60.47	
29	5.550				29.59	
30	7.050				10.39	
31	8.650				26.55	
32	10.700				17.08	
33	13.800				10.46	
34	17.500				6.58	
35	21.900				5.21	
36	28.200				4.00	
37	35.600				2.23	
38	43.700				1.83	
39	55.400				1.79	
40	70.400			0.14	0.53	

DATA SET: 4030

CLIENT: MINDECO DATE: 731  
 LOCATION: 3000 4000E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1165.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 100.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 0.000 m (Y)  
 SOUNDING COORDINATES: X: 4000.0000 Y: 2999.1001

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 100.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 3.00 Hz GAIN: 3 3.00 Hz GAIN: 7  
 11.40 AMPS EM-57 11.40 AMPS EM-57 1.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 49.0 muSEC RAMP: 49.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2976.50	20.18			
12	0.105	1939.90	18.61			
13	0.136	1156.70	17.46			
14	0.173	695.40	16.66			
15	0.217	410.70	16.25			
16	0.280	233.90	15.77			
17	0.354	134.15	15.49			
18	0.435	79.50	15.18			
19	0.552	45.22	14.77			
20	0.702	25.98	14.58			
21	0.865	16.39	14.18	69.60	13.66	
22	1.100	9.48	14.23	39.80	13.78	
23	1.410	4.87	14.60	20.60	14.07	
24	1.760	2.46	15.46	10.40	14.90	
25	2.240	1.27	16.62	5.30	16.16	
26	2.820	0.58	18.66	2.22	19.19	
27	3.570	0.24	22.76	1.15	20.17	
28	4.380	0.08	32.03	0.32	32.36	
29	5.550	0.02	55.15	0.08	57.57	
30	7.050		4.22		14.11	
31	8.650			0.04	42.65	
32	10.700			0.07	20.44	
33	13.800			0.03	23.59	
34	17.500			0.05	11.27	
35	21.900			0.05	7.80	
36	28.200			0.04	6.02	
37	35.600			0.06	3.03	
38	43.700			0.08	1.77	
39	55.400			0.07	1.33	
40	70.400			0.15	0.53	

DATA SET: 175125

CLIENT: HINDECO      DATE: 804  
 LOCATION: 1250 1750E      SOUNDING: 00000  
 COUNTY: MONGOLIA      ELEVATION: 1211.80 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 100.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1250.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m      PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5      3.00 Hz GAIN: 7      3.00 Hz GAIN: 7  
 8.50 AMPS EM-37      8.90 AMPS EM-57      17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC      RAMP: 60.0 muSEC      RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3042.00	261.62			
12	0.105	2146.70	228.87			
13	0.136	1410.00	201.31			
14	0.173	926.90	179.22			
15	0.217	606.40	164.89			
16	0.280	372.65	152.12			
17	0.354	220.62	145.28			
18	0.435	130.77	143.33			
19	0.552	70.45	144.60			
20	0.702	37.02	151.44			
21	0.865	21.35	156.46	81.20	167.17	
22	1.100	11.46	164.98	44.10	174.56	
23	1.410	5.57	175.67	20.60	190.86	
24	1.760	2.71	190.65	10.20	204.73	
25	2.240	1.47	198.39	4.70	237.50	
26	2.820	0.73	210.12	2.50	240.84	
27	3.570	0.34	236.19	0.82	341.51	
28	4.380	0.23	209.72	0.32	438.97	
29	5.550	0.11	236.45		267.10	
30	7.050	0.19	111.37		175.13	
31	8.650					
32	10.700			402.61		
33	13.800			82.31		
34	17.500			50.92		
35	21.900			32.77		
36	28.200			15.54		
37	35.600			13.22		
38	43.700			7.79		
39	55.400			4.90		
40	70.400			0.06	13.59	

DATA SET: 1751275

CLIENT: HINDECO      DATE: 804  
 LOCATION: 1275 1750E      SOUNDING: 00000  
 COUNTY: MONGOLIA      ELEVATION: 1211.00 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 125.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1275.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m      PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5      3.00 Hz GAIN: 7      3.00 Hz GAIN: 7  
 8.50 AMPS EM-37      8.90 AMPS EM-57      17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC      RAMP: 60.0 muSEC      RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2125.50	332.25			
12	0.105	1585.80	280.07			
13	0.136	1097.30	237.93			
14	0.173	750.70	206.27			
15	0.217	507.90	185.58			
16	0.280	323.17	167.28			
17	0.354	198.20	157.12			
18	0.435	120.40	151.45			
19	0.552	66.47	150.31			
20	0.702	35.70	155.17			
21	0.865	20.69	159.77	81.40	166.89	
22	1.100	11.20	167.52	43.30	176.70	
23	1.410	5.44	178.46	21.20	187.24	
24	1.760	2.76	188.34	10.60	199.34	
25	2.240	1.45	200.20	5.50	213.87	
26	2.820	0.74	209.64	2.65	231.67	
27	3.570	0.41	208.65	1.33	249.07	
28	4.380	0.21	227.85	0.75	251.37	
29	5.550	0.11	236.45	0.40	255.65	
30	7.050	0.15	126.08	0.28	224.82	
31	8.650			0.06	441.50	
32	10.700			0.01	1014.51	
33	13.800					
34	17.500				446.93	
35	21.900			0.10	66.64	
36	28.200			0.02	119.52	
37	35.600			0.02	53.14	
38	43.700			0.02	60.67	
39	55.400			0.04	24.57	
40	70.400			0.09	9.72	

DATA SET: 17513

CLIENT: HINDECO      DATE: 804  
 LOCATION: 1300 1750E      SOUNDING: 00000  
 COUNTY: MONGOLIA      ELEVATION: 1210.30 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 150.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1299.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m      PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7      3.00 Hz GAIN: 7      3.00 Hz GAIN: 7  
 8.70 AMPS EM-37      8.60 AMPS EM-57      17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC      RAMP: 65.0 muSEC      RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A	
11	0.085	3195.60	647.90				
12	0.105	2087.20	459.72				
13	0.136	2581.80	344.22				
14	0.173	2007.20	274.02				
15	0.217	1483.20	232.46				
16	0.280	1017.22	199.32				
17	0.354	662.03	179.95				
18	0.435	420.85	168.28				
19	0.552	241.82	162.62				
20	0.702	133.35	164.95				
21	0.865	79.18	167.12	74.20	173.51		
22	1.100	43.52	173.46	40.90	179.40		
23	1.410	21.41	183.22	19.80	191.54		
24	1.760	10.94	192.45	10.10	201.42		
25	2.240	5.81	203.09	5.60	206.54		
26	2.820	3.00	210.07	2.13	262.34		
27	3.570	1.60	216.30	1.20	260.02		
28	4.380	0.90	219.66	0.52	311.65		
29	5.550	0.47	224.73	0.20	396.97		
30	7.050	0.12	370.15		1086.64		
31	8.650			0.86	73.13		
32	10.700			0.87	50.50		
33	13.800			0.70	38.31		
34	17.500			0.46	34.03		
35	21.900			0.52	21.70		
36	28.200				117.30		
37	35.600			0.00	216.34		
38	43.700				14.83		
39	55.400				5.32		
40	70.400				0.10	9.18	

DATA SET: 1751325

CLIENT: HINDECO      DATE: 804  
 LOCATION: 1325 1750E      SOUNDING: 00000  
 COUNTY: MONGOLIA      ELEVATION: 1211.10 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 175.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1325.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m      PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7      3.00 Hz GAIN: 7      3.00 Hz GAIN: 7  
 8.70 AMPS EM-37      8.60 AMPS EM-57      17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>      COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC      RAMP: 65.0 muSEC      RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC      SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	689.50	1801.04			
12	0.105	1349.70	798.08			
13	0.136	1494.50	495.58			
14	0.173	1338.60	358.59			
15	0.217	1081.40	286.96			
16	0.280	793.17	235.28			
17	0.354	544.90	204.89			
18	0.435	361.62	186.19			
19	0.552	214.68	176.06			
20	0.702	121.85	175.17			
21	0.865	73.19	176.12	69.60	181.07	
22	1.100	40.87	180.88	38.60	186.46	
23	1.410	20.36	189.46	19.90	190.89	
24	1.760	10.31	200.21	10.60	195.03	
25	2.240	5.63	207.40	6.30	190.94	
26	2.820	2.91	214.13	3.47	189.00	
27	3.570	1.67	210.21	2.25	171.00	
28	4.380	0.89	220.89	1.60	148.26	
29	5.550	0.48	222.39	1.35	111.14	
30	7.050	0.05	660.14	0.80	107.83	
31	8.650			1.07	63.22	
32	10.700			1.12	42.68	
33	13.800			0.85	33.66	
34	17.500			0.93	21.28	
35	21.900			0.80	16.28	
36	28.200			0.71	11.71	
37	35.600			0.71	7.97	
38	43.700			0.86	4.85	
39	55.400			0.73	3.61	
40	70.400			0.07	11.65	

DATA SET: 175135

CLIENT: MINDECO DATE: 804  
 LOCATION: 1350 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 200.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1350.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.095	1206.41				
12	0.105	5241.10				
13	0.136	953.18				
14	0.173	745.80	530.19			
15	0.217	710.20	379.81			
16	0.280	581.70	289.51			
17	0.354	431.12	239.51			
18	0.435	300.20	210.79			
19	0.552	186.07	193.12			
20	0.702	109.50	188.11			
21	0.865	66.90	186.99	63.20	193.10	
22	1.100	37.95	190.04	34.10	202.52	
23	1.410	19.43	195.46	17.30	209.57	
24	1.760	9.92	205.43	8.70	222.49	
25	2.240	5.39	213.51	4.60	235.48	
26	2.820	2.88	215.87	2.40	241.90	
27	3.570	1.47	218.87	0.90	314.98	
28	4.380	0.87	223.84	0.48	333.14	
29	5.550	0.47	225.52	0.17	433.94	
30	7.050	0.16	310.73		522.40	
31	8.650				107.88	
32	10.700				60.71	
33	13.800				36.27	
34	17.500				24.35	
35	21.900				16.56	
36	28.200				12.29	
37	35.600				10.14	
38	43.700				6.91	
39	55.400				4.71	
40	70.400			0.12	8.25	

DATA SET: 1751375

CLIENT: MINDECO DATE: 804  
 LOCATION: 1375 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 225.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1375.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	948.26				
12	0.105	1336.08				
13	0.136	112.50	2779.79			
14	0.173	416.60	781.69			
15	0.217	483.70	430.64			
16	0.280	439.52	348.75			
17	0.354	348.20	276.17			
18	0.435	253.48	235.96			
19	0.552	154.37	210.36			
20	0.702	98.72	201.56			
21	0.865	61.75	191.25	55.70	210.07	
22	1.100	35.61	198.27	32.00	211.28	
23	1.410	18.38	202.84	16.60	215.42	
24	1.760	9.54	210.84	8.50	225.36	
25	2.240	5.26	217.01	3.90	262.88	
26	2.820	2.88	215.87	2.10	264.41	
27	3.570	1.62	214.73	0.88	320.95	
28	4.380	0.91	218.04	0.40	373.59	
29	5.550	0.44	237.39		763.20	
30	7.050	0.15	327.79	0.12	371.76	
31	8.650				89.05	
32	10.700				70.28	
33	13.800				47.94	
34	17.500				27.89	
35	21.900				18.89	
36	28.200				12.71	
37	35.600				9.29	
38	43.700				6.92	
39	55.400				10.98	
40	70.400			0.10	9.18	

DATA SET: 17514

CLIENT: MINDECO DATE: 804  
 LOCATION: 1400 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1213.60 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 250.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1400.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	879.19				
12	0.105	1017.70				
13	0.136	1950.53				
14	0.173	171.10	1414.75			
15	0.217	300.70	673.59			
16	0.280	319.65	431.24			
17	0.354	295.00	323.23			
18	0.435	211.05	266.60			
19	0.552	141.90	232.02			
20	0.702	88.55	216.72			
21	0.865	56.38	209.58	52.00	219.92	
22	1.100	33.14	208.01	29.70	222.06	
23	1.410	17.38	210.54	15.10	229.46	
24	1.760	9.13	217.11	7.80	239.29	
25	2.240	5.15	220.09	3.80	267.47	
26	2.820	2.76	222.21	2.05	268.70	
27	3.570	1.51	224.81	0.73	363.81	
28	4.380	0.94	212.61		941.17	
29	5.550	0.47	225.52		250.07	
30	7.050	0.16	317.30		101.58	
31	8.650				565.34	
32	10.700				110.17	
33	13.800				50.68	
34	17.500				38.65	
35	21.900				20.90	
36	28.200				12.05	
37	35.600				7.97	
38	43.700				4.81	
39	55.400				3.55	
40	70.400			0.14	7.52	

DATA SET: 1751425

CLIENT: MINDECO DATE: 804  
 LOCATION: 1425 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 275.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1425.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	897.45				
12	0.105	950.70				
13	0.136	1290.88				
14	0.173	10.40	9151.51			
15	0.217	170.20	984.41			
16	0.280	224.73	545.43			
17	0.354	212.75	383.55			
18	0.435	172.68	304.77			
19	0.552	121.12	257.65			
20	0.702	77.87	235.09			
21	0.865	51.04	223.95	55.47	210.65	
22	1.100	30.58	219.46	29.00	225.62	
23	1.410	16.25	220.20	16.30	218.06	
24	1.760	8.68	224.55	9.60	208.35	
25	2.240	4.95	225.98	5.20	217.00	
26	2.820	2.66	227.32	3.63	181.75	
27	3.570	1.50	225.81	2.40	163.80	
28	4.380	0.94	212.99	1.70	142.38	
29	5.550	0.47	226.32	1.02	133.54	
30	7.050	0.10	415.78	0.30	99.69	
31	8.650				193.39	
32	10.700				270.92	
33	13.800				150.35	
34	17.500			0.02	275.13	
35	21.900			0.02	190.41	
36	28.200			0.35	18.81	
37	35.600			0.47	10.43	
38	43.700			0.57	6.34	
39	55.400			0.83	3.32	
40	70.400			0.10	9.03	

## DATA SET: 175145

CLIENT: MINDECO DATE: 804  
 LOCATION: 1450 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 300.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1450.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	973.75				
12	0.105	988.79				
13	0.136	1207.40				
14	0.173	2841.83				
15	0.217	1443.02				
16	0.280	164.50	671.52			
17	0.354	189.18	446.86			
18	0.435	143.95	344.07			
19	0.552	105.05	283.52			
20	0.702	69.62	254.39			
21	0.865	46.23	239.23	43.20	248.85	
22	1.100	28.06	232.41	26.20	241.42	
23	1.410	15.25	229.72	14.50	235.75	
24	1.760	8.42	229.15	7.90	237.26	
25	2.240	4.68	234.59	4.00	258.48	
26	2.820	2.65	228.18	2.78	219.58	
27	3.570	1.51	224.56	1.45	229.20	
28	4.380	0.85	227.77	0.85	226.02	
29	5.550	0.44	236.49	0.73	168.22	
30	7.050	0.05	731.28	0.15	329.19	
31	8.650				88.14	
32	10.700				74.05	
33	13.800			0.86	33.40	
34	17.500				30.58	
35	21.900				20.41	
36	28.200				31.06	
37	35.600				27.98	
38	43.700				14.38	
39	55.400			0.00	100.03	
40	70.400			0.14	7.17	

## DATA SET: 1751475

CLIENT: MINDECO DATE: 804  
 LOCATION: 1475 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.20 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 325.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1475.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1039.53				
12	0.105	1003.89				
13	0.136	1111.91				
14	0.173	1660.99				
15	0.217	25.50	3489.72			
16	0.280	106.55	897.02			
17	0.354	126.92	541.21			
18	0.435	115.45	398.59			
19	0.552	88.65	317.49			
20	0.702	60.85	278.10			
21	0.865	41.44	257.33	37.50	273.47	
22	1.100	25.90	245.16	24.30	253.84	
23	1.410	14.38	239.89	13.70	250.98	
24	1.760	7.86	239.91	7.80	239.29	
25	2.240	4.58	237.39	4.40	242.57	
26	2.820	2.54	235.03	2.02	270.90	
27	3.570	1.48	227.84	1.15	267.50	
28	4.380	0.87	224.70	0.50	321.93	
29	5.550	0.48	223.94	0.12	543.12	
30	7.050	0.05	621.16	0.08	522.40	
31	8.650			1.17	59.56	
32	10.700			0.59	65.43	
33	13.800			0.67	39.44	
34	17.500			0.61	28.19	
35	21.900			0.52	21.70	
36	28.200				50.31	
37	35.600				31.49	
38	43.700				11.24	
39	55.400				4.40	
40	70.400			0.05	12.91	

## DATA SET: 17515

CLIENT: MINDECO DATE: 804  
 LOCATION: 1500 1750E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.40 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: -50.000 m (X), 350.000 m (Y)  
 SOUNDING COORDINATES: X: 1750.0000 Y: 1491.2000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.60 AMPS EM-57 8.60 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1040.10				
12	0.105	931.42				
13	0.136	905.51				
14	0.173	995.44				
15	0.217	1381.29				
16	0.280	11.18	4033.40			
17	0.354	62.30	869.78			
18	0.435	73.05	540.80			
19	0.552	64.53	392.38			
20	0.702	47.78	327.00			
21	0.865	34.29	291.96			
22	1.100	22.22	271.53	32.40	301.46	
23	1.410	12.78	258.44	12.60	258.89	
24	1.760	7.36	250.66	7.60	243.47	
25	2.240	4.21	251.74	4.70	232.13	
26	2.820	2.40	243.60	2.87	214.46	
27	3.570	1.40	216.44	1.85	194.84	
28	4.380	0.81	235.21	1.22	177.15	
29	5.550	0.49	219.37	0.88	148.40	
30	7.050	0.16	317.27	0.82	127.12	
31	8.650			0.85	73.13	
32	10.700			0.77	54.79	
33	13.800			0.88	32.89	
34	17.500			0.62	27.89	
35	21.900			0.80	16.28	
36	28.200			0.63	12.71	
37	35.600			0.54	9.57	
38	43.700			0.51	6.82	
39	55.400			0.41	5.32	
40	70.400			0.10	9.03	

CLIENT: MINDECO DATE: 804  
 LOCATION: 1250 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 100.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1750.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5 3.00 Hz GAIN: 7 30.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.70 AMPS EM-37 17.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC RAMP: 60.0 muSEC RAMP: 130.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	3008.10	267.70			
12	0.105	2148.10	232.34			
13	0.136	1424.30	203.08			
14	0.173	940.10	180.31			
15	0.217	614.20	166.05			
16	0.280	376.75	153.38			
17	0.354	222.70	147.64			
18	0.435	130.77	145.57			
19	0.552	70.20	147.20			
20	0.702	36.72	154.64			
21	0.865	21.11	160.10	82.60	152.79	
22	1.100	11.35	168.53	43.30	174.04	
23	1.410	5.47	180.58	21.30	183.85	
24	1.760	2.68	195.07	11.10	190.60	
25	2.240	1.50	198.78	6.10	196.60	
26	2.820	0.75	210.07	3.33	196.15	
27	3.570	0.45	198.50	2.10	180.43	
28	4.380	0.26	200.39	1.65	146.37	
29	5.550	0.11	232.97	1.17	122.86	
30	7.050	0.10	165.00	1.00	93.65	
31	8.650			0.58	95.83	
32	10.700			0.57	67.47	
33	13.800			0.59	43.27	
34	17.500			0.51	32.01	
35	21.900			0.27	33.85	
36	28.200			9.01	154.78	
37	35.600				31.17	
38	43.700			0.67	5.78	
39	55.400			1.12	2.72	
40	70.400			0.05	14.22	

CLIENT: MINDECO DATE: 804  
 LOCATION: 1275 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 175.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1275.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5 3.00 Hz GAIN: 7 30.00 Hz GAIN: 5  
 8.70 AMPS EM-37 8.70 AMPS EM-37 17.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC RAMP: 60.0 muSEC RAMP: 60.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2147.70	335.11			
12	0.105	1625.90	279.75			
13	0.136	1133.40	236.49			
14	0.173	778.10	204.54			
15	0.217	523.10	183.87			
16	0.280	333.62	166.32			
17	0.354	203.55	156.75			
18	0.435	122.93	151.70			
19	0.552	67.47	151.14			
20	0.702	36.00	156.71			
21	0.865	20.63	162.26	81.00	164.92	
22	1.100	11.20	170.14	44.00	172.19	
23	1.410	5.44	181.25	21.10	185.01	
24	1.760	2.68	195.07	10.90	192.92	
25	2.240	1.47	201.48	5.70	205.70	
26	2.820	0.73	213.89	2.97	211.25	
27	3.570	0.38	222.84	1.58	218.58	
28	4.380	0.20	235.24	0.70	259.24	
29	5.550	0.09	275.48	0.22	369.83	
30	7.050	0.20	165.00	0.22	253.14	
31	8.650			0.65	98.82	
32	10.700			0.63	63.11	
33	13.800			0.53	46.47	
34	17.500			0.53	31.20	
35	21.900			0.61	19.66	
36	28.200			0.28	22.13	
37	35.600			0.02	94.57	
38	43.700			0.12	18.10	
39	55.400			0.04	27.55	
40	70.400			0.10	8.96	

CLIENT: MINDECO DATE: 804  
 LOCATION: 1300 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.30 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 150.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1259.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 6 3.00 Hz GAIN: 7 30.00 Hz GAIN: 5  
 8.70 AMPS EM-37 8.70 AMPS EM-37 17.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 60.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2032.10	551.95			
12	0.105	1900.60	400.18			
13	0.136	1532.10	307.07			
14	0.173	1154.50	249.59			
15	0.217	834.40	214.89			
16	0.280	560.40	186.85			
17	0.354	358.90	170.50			
18	0.435	225.18	160.85			
19	0.552	128.02	156.54			
20	0.702	69.75	160.07			
21	0.865	41.05	163.13		171.91	
22	1.100	22.38	170.24		178.75	
23	1.410	10.99	180.04		188.60	
24	1.760	5.50	191.75		196.54	
25	2.240	2.95	201.02		198.78	
26	2.820	1.53	207.31		199.15	
27	3.570	0.77	221.88		176.26	
28	4.380	0.46	217.64		180.39	
29	5.550	0.24	221.63		155.53	
30	7.050	0.07	335.28		139.50	
31	8.650				358.97	
32	10.700			0.18	145.48	
33	13.800			0.05	224.25	
34	17.500			0.25	51.49	
35	21.900			0.05	104.19	
36	28.200				34.92	
37	35.600				17.49	
38	43.700				8.32	
39	55.400				5.38	
40	70.400			0.09	10.31	

CLIENT: MINDECO DATE: 804  
 LOCATION: 1325 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.10 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 175.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1325.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 30.00 Hz GAIN: 5  
 8.70 AMPS EM-37 8.70 AMPS EM-37 17.00 AMPS EM-37  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 65.0 muSEC RAMP: 60.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1278.60	1193.23			
12	0.105	1886.30	638.46			
13	0.136	1868.20	427.07			
14	0.173	1582.60	321.04			
15	0.217	1235.70	262.83			
16	0.280	882.30	219.16			
17	0.354	594.55	193.32			
18	0.435	385.57	178.39			
19	0.552	228.25	169.01			
20	0.702	127.53	169.94			
21	0.865	76.47	171.04		181.09	
22	1.100	42.31	176.75		187.25	
23	1.410	21.04	185.36		193.67	
24	1.760	10.54	197.29		207.10	
25	2.240	5.81	203.09		210.65	
26	2.820	3.00	209.95		199.15	
27	3.570	1.68	209.37		209.79	
28	4.380	0.50	219.66		287.10	
29	5.550	0.50	217.17		203.80	
30	7.050	0.06	603.79		159.47	
31	8.650				113.50	
32	10.700			0.45	95.21	
33	13.800			0.49	49.65	
34	17.500			0.33	42.79	
35	21.900			0.49	22.75	
36	28.200			0.16	31.94	
37	35.600			0.03	62.60	
38	43.700				22.78	
39	55.400				8.03	
40	70.400			0.12	8.08	

DATA SET: 18135

CLIENT: MINDECO                      DATE: 804  
 LOCATION: 1350 1800E                  SOUNDING: 00000  
 COUNTY: MONGOLIA                    ELEVATION: 1212.00 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 200.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1350.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m    PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7    3.00 Hz GAIN: 7    30.00 Hz GAIN: 7  
 8.70 AMPS EM-37    8.70 AMPS EM-37    8.70 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC    RAMP: 65.0 muSEC    RAMP: 62.0 muSEC  
 SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1065.02				
12	0.105	4745.03				
13	0.136	628.30				
14	0.173	826.70				
15	0.217	778.00				
16	0.280	631.83				
17	0.354	463.48				
18	0.435	320.85				
19	0.552	198.00				
20	0.702	114.90				
21	0.865	70.27				
22	1.100	39.65	63.90	193.17		
23	1.410	19.99	16.70	194.33		
24	1.760	10.33	18.90	199.10		
25	2.240	5.63	10.10	202.98		
26	2.820	3.02	6.00	198.78		
27	3.570	1.53	3.15	203.35		
28	4.380	0.89	2.25	172.32		
29	5.550	0.53	1.27	173.82		
30	7.050	0.09	1.08	130.37		
31	8.650		0.55	139.50		
32	10.700		0.70	84.54		
33	13.800		0.78	84.74		
34	17.500		0.59	43.27		
35	21.900		0.61	28.41		
36	28.200		0.67	18.47		
37	35.600		0.49	15.03		
38	43.700		0.54	9.64		
39	55.400		0.44	5.90		
40	70.400		0.60	4.14		
			0.12	8.08		

DATA SET: 181375

CLIENT: MINDECO                      DATE: 804  
 LOCATION: 1375 1800E                  SOUNDING: 00000  
 COUNTY: MONGOLIA                    ELEVATION: 1212.80 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 225.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1375.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m    PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7    3.00 Hz GAIN: 7    30.00 Hz GAIN: 7  
 8.70 AMPS EM-37    8.70 AMPS EM-37    8.70 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC    RAMP: 65.0 muSEC    RAMP: 62.0 muSEC  
 SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	767.21				
12	0.105	574.25				
13	0.136	339.60				
14	0.173	453.00				
15	0.217	432.85				
16	0.280	350.23				
17	0.354	257.25				
18	0.435	166.85				
19	0.552	101.12				
20	0.702	63.03				
21	0.865	33.03	59.90	201.68		
22	1.100	16.29	32.90	209.02		
23	1.410	8.59	18.20	204.17		
24	1.760	4.68	9.80	207.10		
25	2.240	2.65	5.70	205.70		
26	2.820	1.52	3.25	188.66		
27	3.570	0.90	1.90	192.88		
28	4.380	0.59	1.82	136.86		
29	5.550	0.47	1.28	136.35		
30	7.050	0.09	1.35	76.66		
31	8.650		0.59	85.35		
32	10.700		0.54	69.95		
33	13.800		0.62	41.86		
34	17.500		0.75	24.75		
35	21.900		0.81	16.27		
36	28.200		0.74	11.48		
37	35.600		0.52	9.83		
38	43.700		0.49	7.06		
39	55.400		0.76	3.53		
40	70.400		0.06	12.66		

DATA SET: 1814

CLIENT: MINDECO                      DATE: 804  
 LOCATION: 1400 1800E                  SOUNDING: 00000  
 COUNTY: MONGOLIA                    ELEVATION: 1213.60 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 250.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1400.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m    PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7    3.00 Hz GAIN: 7    30.00 Hz GAIN: 7  
 8.70 AMPS EM-37    8.70 AMPS EM-37    8.70 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC    RAMP: 65.0 muSEC    RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	832.48				
12	0.105	954.31				
13	0.136	1764.78				
14	0.173	162.00				
15	0.217	300.70				
16	0.280	320.87				
17	0.354	275.75				
18	0.435	211.30				
19	0.552	142.37				
20	0.702	88.35				
21	0.865	56.20				
22	1.100	32.95	48.50	232.15		
23	1.410	17.41	29.60	224.28		
24	1.760	9.13	15.50	227.24		
25	2.240	5.13	7.80	241.14		
26	2.820	2.82	4.10	256.23		
27	3.570	1.57	2.18	260.30		
28	4.380	0.87	0.82	336.38		
29	5.550	0.50	0.45	349.04		
30	7.050	0.12		547.32		
31	8.650			172.50		
32	10.700			82.96		
33	13.800			47.66		
34	17.500			42.78		
35	21.900			26.17		
36	28.200			21.33		
37	35.600			8.13		
38	43.700			8.86		
39	55.400			6.11		
40	70.400			4.27		
			0.14	7.48		

DATA SET: 181425

CLIENT: MINDECO                      DATE: 804  
 LOCATION: 1425 1800E                  SOUNDING: 00000  
 COUNTY: MONGOLIA                    ELEVATION: 1212.80 m  
 PROJECT: G/G MONGOL TEM SURVEY      EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 275.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1425.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m    PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7    3.00 Hz GAIN: 7    30.00 Hz GAIN: 7  
 8.70 AMPS EM-37    8.70 AMPS EM-37    8.70 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>    COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC    RAMP: 65.0 muSEC    RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC    SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	884.51				
12	0.105	946.76				
13	0.136	1309.86				
14	0.173	15.70				
15	0.217	175.30				
16	0.280	228.05				
17	0.354	215.52				
18	0.435	174.20				
19	0.552	122.10				
20	0.702	78.37				
21	0.865	51.12				
22	1.100	30.64				
23	1.410	16.33				
24	1.760	8.68				
25	2.240	5.00				
26	2.820	2.65				
27	3.570	1.53				
28	4.380	0.86				
29	5.550	0.50	0.40	250.07		
30	7.050	0.14	0.32	136.58		
31	8.650		0.61	91.95		
32	10.700		0.57	66.95		
33	13.800		0.67	39.44		
34	17.500		0.58	29.15		
35	21.900		0.65	18.70		
36	28.200		0.67	12.25		
37	35.600		0.57	9.23		
38	43.700		0.57	6.37		
39	55.400		0.51	4.58		
40	70.400		0.08	10.88		

DATA SET: 18145

CLIENT: MINDECO DATE: 804  
 LOCATION: 1450 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 300.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1450.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		917.50				
12 0.105		915.25				
13 0.136		1064.85				
14 0.173		1844.88				
15 0.217	60.20	1988.28				
16 0.280	143.52	735.45				
17 0.354	157.87	467.94				
18 0.435	137.48	354.79				
19 0.552	102.03	289.10				
20 0.702	68.22	257.86				
21 0.865	45.44	242.00	42.70	250.79		
22 1.100	27.93	233.13	26.20	241.42		
23 1.410	15.12	231.03	15.00	230.48		
24 1.760	8.29	231.54	8.60	224.21		
25 2.240	4.70	233.93	5.30	214.26		
26 2.820	2.59	231.54	2.98	209.62		
27 3.570	1.50	226.31	2.27	169.74		
28 4.380	0.95	227.77	1.28	172.49		
29 5.550	0.49	220.87	0.97	138.07		
30 7.050	0.16	310.73	1.00	92.93		
31 8.650		0.95	68.44			
32 10.700		0.86	50.89			
33 13.800		0.69	38.68			
34 17.500		0.75	24.56			
35 21.900		0.70	17.80			
36 28.200		0.69	11.96			
37 35.600		0.65	8.43			
38 43.700		0.64	5.88			
39 55.400		0.58	4.21			
40 70.400		0.07	11.93			

DATA SET: 181475

CLIENT: MINDECO DATE: 804  
 LOCATION: 1475 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1711.20 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 325.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1475.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		945.50				
12 0.105		981.05				
13 0.136		905.51				
14 0.173		1100.48				
15 0.217		2158.31				
16 0.280	58.10	1343.56				
17 0.354	99.12	638.18				
18 0.435	99.50	438.95				
19 0.552	79.97	340.06				
20 0.702	56.78	291.46				
21 0.865	39.29	266.63	37.30	274.45		
22 1.100	24.90	251.68	24.00	255.95		
23 1.410	11.83	245.19	12.70	257.53		
24 1.760	7.62	244.92	8.00	235.28		
25 2.240	4.47	241.88	5.10	219.83		
26 2.820	2.45	240.11	2.60	229.32		
27 3.570	1.49	226.56	1.68	208.18		
28 4.380	0.80	237.16	1.42	180.16		
29 5.550	0.49	220.12	0.55	202.24		
30 7.050	0.12	385.74	0.55	138.43		
31 8.650		0.97	67.49			
32 10.700		0.82	52.54			
33 13.800		0.71	37.95			
34 17.500		0.71	25.48			
35 21.900		0.55	20.90			
36 28.200		0.31	20.51			
37 35.600		0.26	15.43			
38 43.700		0.55	6.47			
39 55.400		0.42	5.22			
40 70.400		0.10	9.34			

DATA SET: 1815

CLIENT: MINDECO DATE: 804  
 LOCATION: 1500 1800E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.40 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 0.000 m (X), 350.000 m (Y)  
 SOUNDING COORDINATES: X: 1800.0000 Y: 1491.2000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		1050.02				
12 0.105		944.41				
13 0.136		921.42				
14 0.173		1019.98				
15 0.217		1429.14				
16 0.280	14.60	3374.96				
17 0.354	63.80	856.09				
18 0.435	74.22	535.08				
19 0.552	65.20	389.66				
20 0.702	48.37	324.29				
21 0.865	34.50	290.77	29.30	322.37		
22 1.100	22.48	269.43	20.10	288.07		
23 1.410	12.81	258.03	10.90	285.15		
24 1.760	7.36	250.66	5.80	291.54		
25 2.240	4.26	249.77	1.00	313.12		
26 2.820	2.43	241.75	1.80	293.04		
27 3.570	1.40	235.87	0.45	500.00		
28 4.380	0.83	231.88	0.23	548.23		
29 5.550	0.52	210.22		433.54		
30 7.050	0.13	360.60		371.76		
31 8.650				74.29		
32 10.700				45.42		
33 13.800				30.00		
34 17.500				21.91		
35 21.900				17.47		
36 28.200				21.32		
37 35.600				20.82		
38 43.700				11.31		
39 55.400				12.94		
40 70.400			0.11	8.62		

DATA SET: 18515

CLIENT: MINDECO DATE: 804  
 LOCATION: 1500 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 0.00 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 350.000 m (Y)  
 SOUNDING COORDINATES: X: 0.0000 Y: 0.0000

FITTING ERROR: 34.597 PERCENT

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		1195.72				
12 0.105		1073.81				
13 0.136		1033.30				
14 0.173		1124.04				
15 0.217		1538.65				
16 0.280	13.77	3508.40				
17 0.354	58.62	905.76				
18 0.435	69.35	559.87				
19 0.552	61.05	407.13				
20 0.702	45.72	336.70				
21 0.865	32.69	301.41				
22 1.100	21.35	278.85	31.20	316.29		
23 1.410	12.25	265.84	11.60	279.89		
24 1.760	7.08	257.22	5.50	309.03		
25 2.240	4.13	254.98	4.70	237.50		
26 2.820	2.29	251.69	1.75	305.49		
27 3.570	1.29	249.69	0.85	334.78		
28 4.380	0.78	240.69	0.15	735.01		
29 5.550	0.41	248.91	0.15	492.01		
30 7.050	0.12	370.15		161.90		
31 8.650				77.24		
32 10.700				38.94		
33 13.800				22.59		
34 17.500				14.80		
35 21.900				12.51		
36 28.200				13.94		
37 35.600			0.18	20.49		
38 43.700			0.25	11.19		
39 55.400				4.44		
40 70.400			0.08	10.90		

DATA SET: 185125

CLIENT: MINDECO DATE: 804  
 LOCATION: 1250 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.80 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 100.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1250.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.50 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2982.00	265.11			
12	0.105	2136.50	229.60			
13	0.136	1423.00	200.09			
14	0.173	941.40	177.37			
15	0.217	619.20	162.61			
16	0.280	379.05	150.41			
17	0.354	224.73	144.50			
18	0.435	131.77	142.60			
19	0.552	70.45	144.60			
20	0.702	36.77	152.13			
21	0.865	21.01	158.14	81.20	157.17	
22	1.100	11.15	168.02	42.40	179.19	
23	1.410	5.50	177.16	20.30	192.73	
24	1.760	2.71	190.65	10.10	206.08	
25	2.240	1.42	203.01	4.80	234.19	
26	2.820	0.71	215.04	2.42	245.78	
27	3.570	0.35	231.70	1.37	242.95	
28	4.380	0.19	241.64	463.03		
29	5.550	0.11	236.45	555.60		
30	7.050	0.10	162.46	141.63		
31	8.650			90.18		
32	10.700			75.76		
33	13.800			48.41		
34	17.500			35.33		
35	21.900			25.60		
36	28.200			11.98		
37	35.600			7.23		
38	43.700			6.64		
39	55.400			6.46		
40	70.400			0.10	9.55	

DATA SET: 1851275

CLIENT: MINDECO DATE: 804  
 LOCATION: 1275 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 125.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1275.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 5 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.50 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 60.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	2009.30	344.94			
12	0.105	1540.60	285.52			
13	0.136	1092.20	238.67			
14	0.173	758.60	204.83			
15	0.217	516.80	183.44			
16	0.280	329.80	165.03			
17	0.354	202.02	155.13			
18	0.435	122.43	149.77			
19	0.552	67.23	149.19			
20	0.702	35.57	155.24			
21	0.865	20.62	160.13	80.20	168.55	
22	1.100	11.12	169.32	42.40	179.19	
23	1.410	5.42	178.90	20.60	190.86	
24	1.760	2.68	192.07	10.10	206.08	
25	2.240	1.47	198.38	4.80	234.19	
26	2.820	0.73	210.60	1.80	239.81	
27	3.570	0.39	215.68	0.98	305.52	
28	4.380	0.23	214.29	735.01		
29	5.550	0.17	177.70	200.97		
30	7.050	0.14	135.73	182.83		
31	8.650			0.62	93.06	
32	10.700			0.60	66.19	
33	13.800			0.47	51.12	
34	17.500			0.24	53.72	
35	21.900			0.10	66.64	
36	28.200				25.65	
37	35.600				34.86	
38	43.700				38.22	
39	55.400				4.72	
40	70.400			0.08	11.38	

DATA SET: 18513

CLIENT: MINDECO DATE: 804  
 LOCATION: 1300 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.30 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 150.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1299.9000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	5033.00	478.62			
12	0.105	4121.40	379.18			
13	0.136	3105.30	304.35			
14	0.173	2261.80	253.05			
15	0.217	1612.40	219.87			
16	0.280	1076.67	192.63			
17	0.354	681.10	176.57			
18	0.435	424.60	167.29			
19	0.552	241.92	162.62			
20	0.702	131.07	166.85			
21	0.865	77.13	170.07	76.40	174.10	
22	1.100	42.21	177.03	42.30	179.47	
23	1.410	20.83	186.60	20.80	189.63	
24	1.760	10.33	199.95	10.70	198.30	
25	2.240	5.71	205.46	5.80	206.43	
26	2.820	2.90	216.87	4.35	166.48	
27	3.570	1.50	225.81	1.55	224.30	
28	4.380	0.88	222.99	0.75	251.37	
29	5.550	0.41	245.90	1.37	112.33	
30	7.050	0.14	347.36	1.27	80.86	
31	8.650			0.70	85.83	
32	10.700			0.40	86.74	
33	13.800			0.31	67.46	
34	17.500			0.40	38.21	
35	21.900			0.39	26.90	
36	28.200			0.26	23.61	
37	35.600			0.17	20.89	
38	43.700			0.25	11.42	
39	55.400			0.06	19.00	
40	70.400			0.09	10.27	

DATA SET: 1851325

CLIENT: MINDECO DATE: 804  
 LOCATION: 1325 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.10 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 175.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1325.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20; NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1864.80	927.81			
12	0.105	2058.70	602.39			
13	0.136	1874.60	426.10			
14	0.173	1544.90	326.27			
15	0.217	1192.60	268.84			
16	0.280	851.70	224.38			
17	0.354	572.90	198.16			
18	0.435	372.95	182.40			
19	0.552	218.35	174.08			
20	0.702	122.65	174.41			
21	0.865	73.11	176.24	70.10	184.38	
22	1.100	40.86	181.50	38.30	191.76	
23	1.410	20.09	191.16	18.20	207.29	
24	1.760	10.23	201.25	9.20	215.31	
25	2.240	5.57	208.89	4.20	255.99	
26	2.820	2.92	213.77	2.03	277.17	
27	3.570	1.51	225.06	0.40	553.36	
28	4.380	0.91	218.04	0.15	735.01	
29	5.550	0.37	265.45		644.71	
30	7.050	0.13	360.60		212.15	
31	8.650				498.57	
32	10.700				91.37	
33	13.800				46.60	
34	17.500				29.83	
35	21.900				30.69	
36	28.200			0.04	85.31	
37	35.600			0.34	13.42	
38	43.700			0.11	18.90	
39	55.400				3.17	
40	70.400			0.11	8.69	



DATA SET: 185135

CLIENT: MINDECO DATE: 804  
 LOCATION: 1350 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 200.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1350.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	359.10	2782.29			
12	0.105	902.40	1043.77			
13	0.136	1074.33	617.59			
14	0.173	1009.40	433.32			
15	0.217	849.70	337.01			
16	0.280	648.70	269.03			
17	0.354	460.20	239.32			
18	0.435	312.55	205.20			
19	0.552	190.60	190.59			
20	0.702	109.82	187.74			
21	0.865	67.06	186.69	65.60	192.72	
22	1.100	37.82	190.47	36.30	198.74	
23	1.410	19.09	197.70	18.30	206.53	
24	1.760	9.86	196.26	9.30	217.73	
25	2.240	5.39	213.51	4.50	244.48	
26	2.820	2.82	219.10	2.35	250.98	
27	3.570	1.56	220.21	0.87	328.38	
28	4.380	0.88	222.56	0.62	283.86	
29	5.550	0.47	224.73	0.13	556.60	
30	7.050	0.14	339.19		441.30	
31	8.650				97.29	
32	10.700				62.75	
33	13.800				55.10	
34	17.500				29.49	
35	21.900				21.42	
36	28.200				18.54	
37	35.600				13.55	
38	43.700				7.17	
39	55.400				6.17	
40	70.400			0.09	10.47	

DATA SET: 1851375

CLIENT: MINDECO DATE: 804  
 LOCATION: 1375 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 225.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1375.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085	1094.82				
12	0.105	1623.01				
13	0.136	149.90	2295.68			
14	0.173	411.30	788.39			
15	0.217	469.70	500.35			
16	0.280	429.05	354.40			
17	0.354	340.10	280.43			
18	0.435	248.43	239.14			
19	0.552	160.68	213.58			
20	0.702	96.47	204.68			
21	0.865	60.40	200.17	61.10	202.07	
22	1.100	34.77	201.46	34.20	206.80	
23	1.410	17.86	206.75	17.60	211.97	
24	1.760	9.34	213.84	10.20	204.73	
25	2.240	5.34	214.84	5.20	222.02	
26	2.820	2.85	217.25	2.70	228.80	
27	3.570	1.47	229.13	1.87	197.57	
28	4.380	0.85	227.32	1.42	163.86	
29	5.550	0.41	247.89	0.28	328.46	
30	7.050	0.10	415.78	0.75	115.17	
31	8.650			0.78	79.86	
32	10.700			0.41	85.32	
33	13.800			0.26	75.95	
34	17.500			0.09	103.30	
35	21.900			0.04	122.75	
36	28.200				33.12	
37	35.600				18.47	
38	43.700				8.04	
39	55.400				4.17	
40	70.400			0.09	9.72	

DATA SET: 18514

CLIENT: MINDECO DATE: 804  
 LOCATION: 1400 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1213.80 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 250.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1400.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085		978.27			
12	0.105		1121.16			
13	0.136		2084.08			
14	0.173	148.90	1552.09			
15	0.217	273.80	717.01			
16	0.280	296.17	453.74			
17	0.354	258.92	336.47			
18	0.435	198.93	277.33			
19	0.552	134.73	240.19			
20	0.702	84.37	223.81			
21	0.865	53.62	216.71	53.40	221.05	
22	1.100	31.69	214.31	32.20	215.27	
23	1.410	16.70	216.22	16.10	224.94	
24	1.760	8.84	221.83	8.90	224.21	
25	2.240	5.00	224.47	4.00	264.46	
26	2.820	2.69	226.05	3.67	186.29	
27	3.570	1.51	225.31	1.60	219.60	
28	4.380	0.87	224.27	1.12	191.83	
29	5.550	0.48	223.94	0.87	151.83	
30	7.050	0.16	310.75	0.40	175.13	
31	8.650			0.84	76.01	
32	10.700			0.86	52.07	
33	13.800			0.35	62.22	
34	17.500			0.05	152.85	
35	21.900			0.01	309.31	
36	28.200			0.42	17.11	
37	35.600			0.89	6.97	
38	43.700			0.76	5.37	
39	55.400				162.46	
40	70.400			0.10	9.09	

DATA SET: 1851425

CLIENT: MINDECO DATE: 804  
 LOCATION: 1425 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.80 m  
 PROJECT: G/G HONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM  
 LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 275.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1425.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO  
 30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57  
 COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 muSEC RAMP: 60.0 muSEC RAMP: 65.0 muSEC  
 SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC SHIFT: 0.0 muSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11	0.085		1027.07			
12	0.105		1085.73			
13	0.136		1462.83			
14	0.173	10.40	9151.51			
15	0.217	153.60	1054.12			
16	0.280	205.48	578.98			
17	0.354	196.87	403.90			
18	0.435	160.93	319.43			
19	0.552	114.12	268.29			
20	0.702	74.18	243.88			
21	0.865	48.49	231.74	48.50	235.70	
22	1.100	29.14	226.63	27.70	238.00	
23	1.410	15.72	225.12	14.10	245.74	
24	1.760	8.39	229.70	7.80	244.82	
25	2.240	4.87	228.45	4.30	252.01	
26	2.820	2.58	232.29	2.03	277.17	
27	3.570	1.52	223.82	1.33	249.02	
28	4.380	0.82	232.35	0.42	367.08	
29	5.550	0.50	217.17		492.01	
30	7.050	0.16	317.30	0.63	1112.00	
31	8.650				161.98	
32	10.700				81.40	
33	13.800				55.10	
34	17.500				38.21	
35	21.900				21.13	
36	28.200				14.59	
37	35.600				12.02	
38	43.700				8.88	
39	55.400				5.47	
40	70.400			0.11	6.69	

DATA SET: 185145

CLIENT: MINDECO DATE: 804  
 LOCATION: 1450 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1212.00 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 100.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1450.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57

COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 μSEC RAMP: 60.0 μSEC RAMP: 65.0 μSEC  
 SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		1010.11				
12 0.105		981.12				
13 0.136		1080.70				
14 0.173		1579.80				
15 0.217	25.50	3489.72				
16 0.280	112.02	863.44				
17 0.354	134.80	519.92				
18 0.435	122.22	383.72				
19 0.552	92.62	308.34				
20 0.702	62.90	272.22				
21 0.865	42.60	252.63	42.80	256.19		
22 1.100	26.35	242.36	26.60	244.52		
23 1.410	14.41	238.56	14.90	237.93		
24 1.760	7.92	238.70	8.70	227.63		
25 2.240	4.55	239.04	4.60	240.93		
26 2.820	2.47	238.81	2.62	233.13		
27 3.570	1.44	231.77	1.85	199.34		
28 4.380	0.79	238.66	1.00	207.50		
29 5.350	0.47	227.13	0.73	146.31		
30 7.050	0.10	413.78	0.32	201.13		
31 8.650			0.74	82.71		
32 10.700			0.59	66.94		
33 13.800			0.44	53.41		
34 17.500			0.51	32.50		
35 21.900			0.49	23.10		
36 28.200			0.47	15.81		
37 35.600			0.38	12.28		
38 43.700			0.27	10.77		
39 55.400			0.34	6.17		
40 70.400			0.11	8.69		

DATA SET: 1851475

CLIENT: MINDECO DATE: 804  
 LOCATION: 1475 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1211.20 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 325.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1475.0000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57

COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 μSEC RAMP: 60.0 μSEC RAMP: 65.0 μSEC  
 SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		1096.18				
12 0.105		1017.77				
13 0.136		1031.50				
14 0.173		1238.48				
15 0.217		2494.26				
16 0.280	53.42	1421.26				
17 0.354	90.37	678.74				
18 0.435	91.40	465.75				
19 0.552	74.60	356.20				
20 0.702	53.22	304.28				
21 0.865	36.95	277.77	37.30	280.79		
22 1.100	23.56	261.14	23.30	267.09		
23 1.410	13.20	252.93	14.10	245.74		
24 1.760	7.31	251.80	8.50	231.19		
25 2.240	4.34	246.69	4.60	240.93		
26 2.820	2.38	244.96	3.05	210.94		
27 3.570	1.38	239.00	2.20	177.59		
28 4.380	0.85	228.67	1.42	163.66		
29 5.350	0.44	238.30	1.12	126.41		
30 7.050	0.12	385.74	0.32	108.08		
31 8.650			0.47	111.94		
32 10.700			0.33	98.61		
33 13.800			0.37	59.95		
34 17.500			0.39	39.86		
35 21.900			0.46	24.09		
36 28.200			0.42	16.97		
37 35.600			0.47	10.63		
38 43.700			0.56	6.58		
39 55.400			0.51	4.17		
40 70.400			0.13	7.59		

DATA SET: 18515

CLIENT: MINDECO DATE: 804  
 LOCATION: 1500 1850E SOUNDING: 00000  
 COUNTY: MONGOLIA ELEVATION: 1210.40 m  
 PROJECT: G/G MONGOL TEM SURVEY EQUIPMENT: Geonics PROTEM

LOOP SIZE: 200.000 m by 100.000 m  
 COIL LOC: 50.000 m (X), 350.000 m (Y)  
 SOUNDING COORDINATES: X: 1850.0000 Y: 1491.2000

Geonics PROTEM Data Worksheet  
 LOOP SIZE: 200.00 m PREAMP GAIN: 52.10  
 4x GAIN, CHANS 6-10,16,20: NO

30.00 Hz GAIN: 7 3.00 Hz GAIN: 7 3.00 Hz GAIN: 7  
 8.70 AMPS EM-37 8.90 AMPS EM-57 17.20 AMPS EM-57

COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup> COIL: 100.0 m<sup>2</sup>  
 RAMP: 62.0 μSEC RAMP: 60.0 μSEC RAMP: 65.0 μSEC  
 SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC SHIFT: 0.0 μSEC

CHNL T (mSEC)	mVOLT	RHO-A	mVOLT	RHO-A	mVOLT	RHO-A
11 0.085		1195.72				
12 0.105		1073.61				
13 0.136		1033.30				
14 0.173		1124.04				
15 0.217		1538.65				
16 0.280	13.77	3508.40				
17 0.354	58.62	905.76				
18 0.435	69.35	559.87				
19 0.552	61.05	407.13				
20 0.702	45.72	336.70				
21 0.865	32.69	301.41	31.20	316.29		
22 1.100	21.35	278.86	20.60	289.95		
23 1.410	12.25	265.84	11.60	279.89		
24 1.760	7.08	257.22	5.50	309.03		
25 2.240	4.13	254.98	4.70	237.50		
26 2.820	2.29	251.69	1.75	305.49		
27 3.570	1.29	249.69	0.85	334.78		
28 4.380	0.78	240.69	0.15	735.01		
29 5.350	0.41	248.91	0.15	492.01		
30 7.050	0.12	370.15		161.90		
31 8.650				77.24		
32 10.700				38.94		
33 13.800				22.59		
34 17.500				14.80		
35 21.900				12.51		
36 28.200				13.94		
37 35.600			0.18	20.49		
38 43.700			0.25	11.19		
39 55.400				4.44		
40 70.400			0.08	10.90		



## 6. Results of Imaging Processing







st.0804		st.0805		st.0806		st.0807	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1141	94	1141	92	1143	95	1137	109
1131	101	1130	99	1132	105	1125	118
1118	111	1118	107	1119	115	1112	127
1104	124	1104	118	1104	127	1096	135
1086	144	1086	132	1086	138	1077	141
1064	168	1066	151	1065	150	1056	144
1038	194	1041	179	1040	162	1032	150
1005	244	1010	208	1012	181	1005	155
967	292	972	255	978	256	974	181
914	328	927	190	936	285	939	349
857	367	867	222	873	310	887	340
		842	252			798	349

st.0819		st.0820		st.0821		st.0822	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1115	119	1117	95	1132	63	1143	47
1098	103	1121	85	1130	83	1136	50
1083	97	1088	82	1105	64	1127	54
1066	91	1073	78	1087	66	1117	58
1047	85	1055	73	1065	67	1105	61
1025	86	1034	74	1038	71	1091	67
999	95	1010	89	1006	86	1074	87
959	115	971	124	976	130		
920	239			934	223		
868	199			873	202		
764	192			790	209		

st.0823		st.0824		st.0825		st.0826	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1152	39	1151	35	1149	41	1152	44
1145	42	1143	36	1141	42	1145	47
1137	46	1132	39	1131	45	1136	52
1127	51	1119	46	1117	51	1126	59
1116	57	1106	59	1104	63	1114	72
1103	68	1090	87	1088	92	1099	96
1086	100	1068	134	1066	192	1079	173
						1053	419
						1013	330
						959	346

st.0827		st.0828		st.0829	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1143	52	1139	58	1135	53
1136	54	1131	61	1123	60
1127	59	1121	65	1114	64
1116	66	1110	71	1102	70
1103	77	1097	79	1088	80
1087	94	1081	92	1071	96
1067	125	1061	117	1049	121
1042	274	1037	158	1022	224
		1004	170		
		962	186		

st.1003		st.1004		st.1005		st.1006	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1129	294	1139	322	1130	91	1135	83
1110	238	1127	337	1120	96	1125	89
1091	223	1112	351	1108	104	1113	97
1070	219	1095	163	1093	113	1100	105
1047	205	1075	171	1076	126	1083	114
1022	201	1051	187	1056	143	1064	127
997	226	1025	257	1032	174	1042	164
954	251	993	240	1002	243	1014	220
912	404			961	192	975	286
859	423			909	84	928	310
771	446			880	87	865	344
				942	92		

st.1019		st.1020		st.1021		st.1022	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1155	92	1132	87	1144	79	1140	62
1124	99	1122	96	1134	85	1131	65
1112	107	1109	102	1122	90	1121	69
1097	115	1095	107	1109	93	1109	71
1080	123	1079	109	1093	94	1096	72
1060	127	1060	106	1076	93	1081	74
1037	121	1040	103	1057	95	1064	80
1012	133	1008	106	1026	104	1044	94
975	162	970	145	1000	167	1020	405
933	407	936	156	967	296	988	274
831	375	878	163	905	267	907	253
				837	278		

st.1007		st.1008		st.1009		st.1010	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1142	79	1153	85	1140	104	1123	139
1132	88	1143	103	1129	117	1109	130
1121	99	1121	126	1115	122	1095	132
1107	114	1116	156	1099	148	1080	136
1090	132	1098	195	1080	164	1062	135
1069	154	1075	204	1057	174	1041	135
1045	226	1047	226	1031	173	1009	140
				1001	214	968	146
				976	256	918	182
				919	287	874	194
						806	202

st.1023		st.1024		st.1025		st.1026	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1152	58	1148	50	1147	47	1149	47
1144	61	1137	51	1137	47	1146	47
1134	64	1124	52	1125	48	1130	47
1123	67	1108	55	1110	50	1117	49
1110	69	1094	58	1091	52	1100	53
1095	72	1078	63	1067	57	1078	59
1078	84	1058	75	1047	73	1058	74
1058	105	1034	104	1021	96	1032	122
1031	918	1003	357	983	199	998	119
997	371	958	246	939	175	944	123
909	320	875	236	857	178		

st.1011		st.1012		st.1013		st.1014	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1109	207	1097	229	1102	205	1130	150
1090	162	1077	174	1084	155	1117	166
1069	150	1060	161	1065	157	1101	176
1049	140	1041	151	1044	150	1092	181
1026	133	1019	141	1020	141	1060	177
1000	134	993	134	993	137	1037	166
968	136	963	129	962	134	1011	149
922	160	926	121	923	128	975	139
		893	109	878	128	941	147
		835	98	826	132	899	118
		787	98	751	133	854	127
		730	97			841	132

st.1027		st.1028		st.1029		st.1030	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1158	47	1156	48	1160	54	1157	63
1150	46	1147	48	1149	54	1147	62
1139	45	1137	48	1135	54	1135	60
1127	46	1122	50	1119	55	1121	59
1111	49	1105	52	1099	55	1104	57
1090	54	1082	57	1075	57	1085	57
1071	70	1062	59	1046	66	1062	65
1047	114	1038	105	1009	95	1031	97
		1004	162	990	138		
		954	151				
		892	159				

st.1015		st.1016		st.1017		st.1018	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1126	149	1129	139	1119	128	1124	143
1123	167	1116	151	1105	112	1109	119
1107	181	1100	160	1088	114	1095	114
1088	186	1082	164	1070	126	1076	119
1067	188	1062	161	1042	145	1051	129
1042	193	1039	155	1017	151	1019	135
1016	183	1015	148	986	140	991	132
988	185	977	135	953	131	945	133
956	234	935	228	912	150	891	170
904	268			856	162	824	181
839	291			792	169	742	188









st. 2417		st. 24175		st. 2418		st. 2419		st. 2401		st. 2402		st. 2403		st. 2404	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1111	190	1107	221	1107	255	1116	301	1129	377	1127	376	1134	199	1160	115
1093	157	1087	172	1086	186	1094	209	1103	281	1105	217	1116	174	1149	136
1075	173	1066	180	1063	186	1076	211	1083	274	1081	216	1094	183	1133	166
1050	189	1049	196	1035	182	1057	224	1012	249	1017	217	1067	197	1116	212
1026	205	1016	204	1001	204	1034	233	976	256	973	230	1042	214	1054	285
998	236	987	215	959	224	1008	235	927	293	936	336	1011	252	1066	395
964	255	941	237	921	251	967	284	861	327			978	301		
921	310	898	232	876	196							931	345		
		845	234												
		777	239												
		709	260												
		611	274												

st. 2420		st. 2421		st. 2422		st. 2423		st. 2405		st. 2411		st. 2412		st. 24125	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1138	133	1139	95	1144	71	1147	48	1147	106	1146	130	1144	94	1147	90
1126	150	1128	103	1135	79	1139	53	1135	103	1133	148	1133	106	1136	104
1110	168	1116	114	1124	90	1130	60	1119	111	1118	166	1120	123	1124	124
1092	185	1101	129	1111	106	1119	70	1097	125	1100	184	1105	147	1108	152
1071	201	1083	148	1094	127	1106	85	1077	146	1079	200	1084	160	1089	191
1045	219	1061	173	1074	160	1090	114	1053	182	1054	206	1062	217	1065	246
1016	276	1034	209	1049	232	1069	181	1021	251	1025	202	1033	239	1036	296
		1002	303			1041	194	991	338	994	275	997	375		
		960	491			950		926	357	960	328	957	433		
		902	505			913		940	354	942	503	937	486		
		826	555			850		887	422	893	613				

st. 2424		st. 2425		st. 2426		st. 2427		st. 2413		st. 2415		st. 2414		st. 24145	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1121	49	1127	57	1119	71	1116	66	1141	99	1146	92	1141	97	1145	96
1109	53	1118	61	1103	72	1105	87	1130	113	1135	108	1130	114	1134	114
1096	60	1107	65	1085	74	1092	86	1117	130	1122	130	1117	140	1121	139
1083	71	1094	76	1062	76	1071	94	1101	153	1107	160	1101	180	1105	174
1066	93	1079	80	1033	81	1046	82	1092	183	1097	203	1090	245	1086	223
1044	138	1061	103	1034	160	1013	96	1058	234	1063	276	1055	323	1061	298
1014	235	1038	151	966	134	983	93	1029	336	1033	410	1021	399		
						950		991	286	994	400				
						913		940	354	942	503				
						850		887	422	893	613				

st. 2428		st. 2429		st. 2430		st. 2415		st. 24155		st. 2416		st. 24165	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1132	94	1125	95	1112	87	1123	126	1135	126	1123	101	1122	159
1122	100	1114	103	1101	92	1108	141	1123	156	1108	102	1104	125
1109	102	1101	132	1089	96	1098	169	1090	169	1077	160	1067	175
1095	101	1087	101	1075	96	1070	178	1070	178	1054	205	1045	205
1079	96	1071	57	1060	93	1046	207	1019	357	1025	226	1016	235
1062	88	1054	93	1045	87	1019	357	993	311	998	317	981	272
1036	84	1028	66	1017	81								
1011	87	1003	82	991	77								
980	99	973	91	963	94								
936	149	937	96	929	108								
890	147	894	99	879	110								
816	149			822	114								

st. 2601		st. 2602		st. 2603		st. 2604	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1123	570	1129	365	1140	231	1148	194
1090	302	1102	238	1120	200	1132	182
1062	289	1081	246	1104	218	1115	199
1029	279	1051	256	1084	239	1096	215
991	261	1013	254	1060	237	1072	230
952	266	965	269	1032	252	1046	267
910	312	912	321	989	267	1014	298
860	434	859	392	946	318	974	266
797	443					929	183
636	458					880	208

st. 2605		st. 2606		st. 2608		st. 2609	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1145	162	1131	198	1125	418	1125	212
1130	159	1113	156	1103	272	1109	203
1115	153	1097	146	1081	229	1092	218
1098	161	1079	142	1060	205	1071	215
1079	173	1057	146	1035	184	1047	193
1056	215	1029	166	1007	174	1022	179
1028	330	987	222	961	212	980	185
		945	327	935	523		
				882	433		
				776	130		
				718	126		

st. 2610		st. 2611		st. 2612		st. 2613	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1114	220	1132	160	1134	189	1128	247
1096	215	1117	156	1115	166	1106	161
1076	218	1102	177	1096	157	1085	158
1052	178	1084	202	1071	180	1061	172
1027	135	1061	223	1048	210	1031	199
1006	101	1034	218	1019	250	1002	240
988	70	1002	205	983	253	966	250
		958	246	937	323	910	276
		902	461	894	367		
		841	459	817	403		
		739	474				

st. 2614		st. 2615		st. 2616		st. 2617	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1125	221	1130	219	1145	380	1119	176
1106	162	1114	203	1129	385	1103	179
1091	168	1096	215	1109	366	1087	221
1074	183	1076	227	1085	336	1067	269
1054	200	1051	250	1057	301	1040	269
1029	252	1025	303	1027	288	1039	270
1000	302	991	398	997	301	977	278
956	330	950	444	962	360	936	270
912	377			906	447		
852	420			865	522		



st. 3209		st. 3210		st. 3211		st. 3212		st. 3228		st. 3229		st. 3230	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1127	479	1129	399	1138	381	1127	323	1179	24	1137	25	1119	26
1101	330	1105	363	1117	361	1104	276	1124	22	1121	23	1115	22
1079	341	1064	444	1094	459	1085	347	1118	20	1116	21	1111	19
1053	306	1053	451	1067	378	1059	391	1111	19	1109	19	1105	18
1025	309	1020	359	1032	458	1027	375	1103	18	1101	18	1099	17
993	364	985	343	989	390	992	360	1094	18	1091	17	1090	17
953	419	949	431	942	473	955	433	1082	20	1080	18	1078	20
								1066	30	1066	24	1060	27
								1047	80	1049	49	1041	54
										981	37		

st. 3213		st. 3214		st. 3215		st. 3216	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1120	422	1086	396	1079	485	1065	457
1092	299	1062	382	1052	443	1040	414
1064	346	1036	370	1023	410	1003	384
1038	392	1007	364	981	377	967	360
1005	383	963	398	934	385	927	390
967	372			889	423	881	443
911	398			837	469		

st. 3217		st. 3218		st. 3222		st. 3223	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1100	879	1101	604	1135	109	1129	74
1060	392	1066	342	1124	127	1119	81
1033	377	1041	344	1130	150	1108	91
996	365	1006	328	1093	179	1095	106
950	344	963	295	1072	216	1078	127
910	339	923	272	1047	261	1058	160
865	374	882	242	1016	316	1033	221
788	357	831	191			1001	321
		787	142			958	351
		758	141			903	395
		742	138				

st. 3224		st. 3225		st. 3226		st. 3227	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1126	60	1132	40	1146	21	1124	26
1114	62	1125	43	1141	24	1121	22
1104	66	1117	47	1135	27	1116	20
1092	73	1108	52	1127	31	1111	18
1078	83	1096	59	1118	35	1104	18
1061	100	1082	71	1108	42	1095	20
1039	143	1065	102	1095	62	1082	27
1011	257	1044	258	1079	123	1067	46
				1056	123		
				1023	134		

st. 3400		st. 3401		st. 3402		st. 3403		st. 3421		st. 3422		st. 3423		st. 3424	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1107	406	1074	345	1144	221	1146	474	1114	238	1123	228	1139	71	1127	51
1083	358	1039	345	1111	332	1111	367	1096	229	1107	262	1129	83	1118	51
1049	344	998	330	1090	345	1098	404	1078	267	1089	292	1118	99	1108	54
1017	339	947	353	1066	351	1070	423	1055	306	1066	315	1104	170	1093	61
970	349	899	437	1038	366	1038	441	1027	303	1039	328	1088	149	1079	77
924	432			992	384	1002	483	994	295	1007	357	1067	202	1061	114
				951	479			961	286	972	455			1037	185
								923	331	930	419			1002	246
								874	402						
								804	199						
								741	210						

st. 3409		st. 3410		st. 3411		st. 3412		st. 3425		st. 3426		st. 3427		st. 3428	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1135	887	1130	523	1105	535	1135	487	1138	34	1153	19	1137	26	1121	35
1106	417	1103	370	1078	602	1111	455	1130	35	1148	21	1131	24	1117	29
1082	449	1081	488	1045	692	1087	576	1119	38	1143	23	1125	22	1112	24
1052	439	1052	516	1007	472	1056	644	1106	43	1136	25	1117	20	1107	20
1019	334	1014	419	962	364	1017	515	1093	54	1128	28	1109	18	1101	17
985	270	977	407	934	333	973	442	1077	83	1118	32	1100	17	1094	15
963	250	936	597	886	280	886	415			1107	45	1088	19	1085	15
924	176			855	415	805	441			1091	92	1074	26	1076	17
892	106			691	443					1072	89	1057	72	1059	34
										1041	54	1031	48	1036	26
												981	44	996	23

st. 3413		st. 3414		st. 3415		st. 3416		st. 3429		st. 3430	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1134	638	1096	394	1116	712	1063	464	1132	26	1138	19
1105	417	1073	407	1082	433	1026	423	1127	22	1133	17
1081	491	1046	428	1057	432	993	409	1122	19	1128	15
1051	528	1015	381	1030	424	954	391	1116	17	1122	15
1015	455	979	339	999	385	909	396	1110	15	1115	14
975	397	944	356	951	379	858	407	1102	14	1107	15
933	467	886	273	908	375	777	512	1093	13	1097	14
				838	433			1082	15	1084	14
								1066	23	1065	27
								1047	75		
								1015	40		
								962	36		

st. 3417		st. 3418		st. 3419		st. 3420	
DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)	DEPTH RESISTIVITY (m) (ohm-m)
1065	449	1061	432	1068	359	1094	534
1031	412	1028	415	1038	352	1060	527
998	415	990	410	1002	348	1016	530
961	412	944	396	958	334	1007	346
903	391	889	398	906	331	964	347
851	377	834	406	855	329	911	350
774	348	749	393	778	312	849	353
705	338			705	296	769	391

st. 3621		st. 3622		st. 3623		st. 3624	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1092	300	1091	169	1132	357	1129	30
1070	250	1075	158	1120	434	1122	31
1051	311	1055	184	1104	511	1113	32
1027	355	1036	222	1085	587	1101	45
997	343	1011	252	1060	663	1089	71
963	361	979	279			1072	161
929	419	943	323				
		899	376				
		845	414				
		780	244				
		705	279				
		732	309				

st. 3625		st. 3626		st. 3627		st. 3628	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1131	24	1143	15	1123	24	1121	20
1125	25	1139	16	1120	20	1118	16
1118	27	1134	18	1116	17	1115	14
1107	34	1128	21	1112	15	1111	12
1097	52	1120	25	1106	14	1106	11
1082	114	1111	32	1099	14	1100	11
1061	426	1100	50	1089	17	1092	12
1030	361			1073	32	1080	18

st. 3629		st. 3630	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1136	10	1129	14
1132	10	1124	14
1127	10	1119	13
1121	10	1112	13
1114	10	1105	12
1105	10	1096	12
1093	11	1086	13
1083	13	1072	14
1071	19	1061	21
		1043	43
		1016	34
		976	33

st. 3801		st. 3802		st. 3803		st. 3810		st. 3829		st. 3830	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1155	243	1187	262	1191	467	1089	450	1151	14	1144	17
1132	187	1172	348	1176	714	1064	491	1147	13	1138	17
1110	196	1154	483			1035	497	1141	13	1130	17
1083	229					999	446	1135	12	1121	17
1058	301					945	446	1128	12	1111	16
1024	412					899	460	1120	11	1100	15
						844	569	1110	12	1087	15
						779	622	1098	16	1072	16
						659	656	1084	40	1054	26
								1063	50		
								1027	40		
								995	42		

st. 3811		st. 3812		st. 3813		st. 3814	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1122	765	1120	574	1133	653	1073	469
1088	454	1091	479	1105	462	1047	494
1064	495	1065	581	1079	521	1016	498
1034	531	1032	655	1048	560	982	505
999	486	992	595	1011	518	944	515
958	429	947	546	969	507	901	540
911	473			912	560		
859	571						
801	633						
713	672						

st. 3817		st. 3818		st. 3819		st. 3820	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1059	451	1052	445	1074	510	1079	442
1034	444	1037	469	1048	536	1054	450
1007	449	1008	461	1016	494	1025	464
976	421	974	462	980	430	992	448
926	402	924	550	944	440	955	525
880	376			896	507	900	685
813	362			844	632	836	590
761	438					767	706
662	466					684	809
565	479						

st. 3825		st. 3826		st. 3827		st. 3828	
DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)	DEPTH RESISTIVITY (m)	(ohm-m)
1155	56	1150	40	1159	8	1165	4
1147	65	1143	44	1156	7	1162	4
1137	78	1134	50	1153	8	1161	5
1125	98	1125	57	1148	10	1158	6
1109	129	1113	65	1143	15	1154	7
1090	172	1098	79	1135	42	1149	11
1065	184	1081	94			1143	24
1034	191	1059	82			1134	88
		1033	103			1121	96
		1006	146			1103	100
		959	162			1082	105
		920	178			1053	126

st.4000		st.4001		st.4002		st.4003	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1156	187	1181	229	1194	701	1178	175
1139	160	1173	279	1179	979	1162	164
1118	167	1156	336	1161	1418	1147	212
1091	195	1135	397			1128	314
1068	256	1108	458			1101	354
1036	362					1066	352

st.175125		st.1751275		st.17513		st.1751325	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1123	93	1121	100	1126	287	1112	294
1105	93	1109	94	1102	171	1084	163
1084	96	1094	93	1077	145	1056	139
1057	102	1076	95	1053	138	1031	492
1023	114	1053	103	1027	198	1002	644
992	134	1020	121	988	246	919	695
954	160						
906	144						
846	102						
787	114						
761	122						

st.4012		st.4013		st.4014		st.4015	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1085	404	1098	383	1088	402	1080	505
1061	455	1075	422	1055	439	1054	498
1034	539	1048	462	1037	564	1024	555
998	551	1015	523	1004	505	990	541
957	655	978	538	963	597	947	626
913	710	930	577	923	632		

st.175135		st.1751375		st.17514		st.1751425	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1135	372	1053	142	1079	189	1079	195
1112	211	1026	137	1072	153	1071	160
1087	165	994	133	1064	129	1061	137
1062	155	957	130	1053	116	1049	123
1037	232	914	127	1038	112	1033	118
1008	296	863	129	1017	120	1011	124
		803	165	985	137	979	138
		714	173	950	144	928	144
		605	177	905	136	881	136
				857	149	807	155
				785	147	737	152
				705	146	639	150

st.4016		st.4017		st.4023		st.4024	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1077	439	1057	490	1071	264	1104	350
1052	450	1035	424	1046	273	1082	301
1023	476	1008	480	1016	311	1060	286
991	548	975	514	987	370	1036	279
		935	485	951	375	1011	261
		893	598	904	355	983	252
		829	685	840	283	948	280
						894	331

st.175145		st.1751475		st.17515	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1074	208	1071	228	1080	230
1065	172	1060	189	1065	203
1055	146	1048	161	1049	181
1043	131	1034	143	1030	153
1026	125	1017	132	1008	149
1003	128	994	130	982	140
972	138	964	139	951	140
921	141	922	144	912	144
877	141	877	139	853	143
805	190	807	165	779	140
714	178	725	158	691	137
595	173	623	154	587	135

st.4028		st.4029		st.4030	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1158	29	1161	7	1142	12
1153	34	1158	8	1139	13
1146	42	1155	10	1134	13
1137	52	1151	13	1129	14
1127	66	1145	23	1123	15
1114	79	1137	32	1117	14
1097	77	1126	91	1109	15
1078	68	1111	124	1101	21
1058	57	1092	136	1089	30
		1058	157	1072	43
		1038	191	1042	42

st.185125		st.1851275		st.18513		st.1851325	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1128	95	1120	98	1106	114	1110	296
1115	92	1108	92	1095	102	1081	172
1099	93	1095	90	1083	95	1052	138
1080	97	1077	93	1067	97	1025	240
1053	106	1055	105	1046	107	985	344
1018	123	1021	126	1013	128	916	411
985	145	989	141	981	143		
944	165	947	145	938	151		
893	174	900	123	892	154		
833	188	847	140	835	162		
768	203	795	150	750	170		

st.185125		st.1851275		st.18513		st.1851325	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1128	95	1120	98	1106	114	1110	296
1115	92	1108	92	1095	102	1081	172
1099	93	1095	90	1083	95	1052	138
1080	97	1077	93	1067	97	1025	240
1053	106	1055	105	1046	107	985	344
1018	123	1021	126	1013	128	916	411
985	145	989	141	981	143		
944	165	947	145	938	151		
893	174	900	123	892	154		
833	188	847	140	835	162		
768	203	795	150	750	170		

st.185135		st.1851375		st.18514		st.1851425	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1061	159	1055	221	1066	214	1068	218
1029	139	1053	166	1061	169	1061	176
988	215	1051	131	1054	139	1052	147
939	278	1045	113	1045	122	1041	130
		1034	108	1031	115	1026	122
		1015	120	1010	123	1004	127
		983	139	979	139	979	139
		946	142	927	146	927	147
		901	146	879	142	875	145
		832	188	828	148	824	142
		767	174	745	144	741	139
		670	169	668	142	642	138

st.185135		st.1851375		st.18514		st.1851425	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1061	159	1055	221	1066	214	1068	218
1029	139	1053	166	1061	169	1061	176
988	215	1051	131	1054	139	1052	147
939	278	1045	113	1045	122	1041	130
		1034	108	1031	116	1026	122
		1015	120	1010	123	1004	127
		983	139	979	139	979	139
		946	142	927	146	927	147
		901	146	879	142	875	145
		832	188	828	148	824	142
		767	174	745	144	741	139
		670	169	668	142	642	138

st.185145		st.1851475		st.18515	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1071	223	1066	248	1060	270
1051	186	1054	209	1047	228
1050	159	1041	179	1033	195
1036	141	1026	157	1017	171
1019	132	1007	144	997	154
996	132	984	138	973	144
965	141	953	143	943	143
916	148	912	149	904	149
850	148	848	141	851	149
769	155	772	156	774	163
673	151	699	151	686	155
584	149	601	146	590	150

st.185145		st.1851475		st.18515	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1071	223	1066	248	1060	270
1051	186	1054	209	1047	228
1050	159	1041	179	1033	195
1036	141	1026	157	1017	171
1019	132	1007	144	997	154
996	132	984	138	973	144
965	141	953	143	943	143
916	148	912	149	904	149
850	148	848	141	851	149
769	155	772	156	774	163
673	151	699	151	686	155
584	149	601	146	590	150

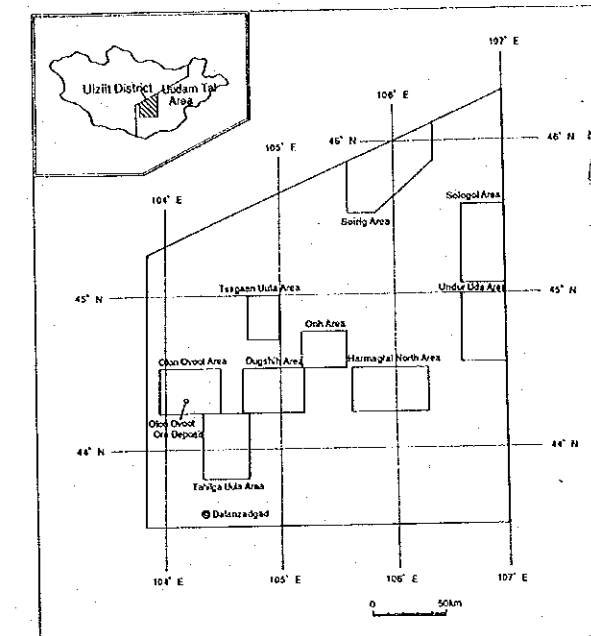






MINERAL EXPLORATION  
IN  
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Geologic Map of the Ulziit District



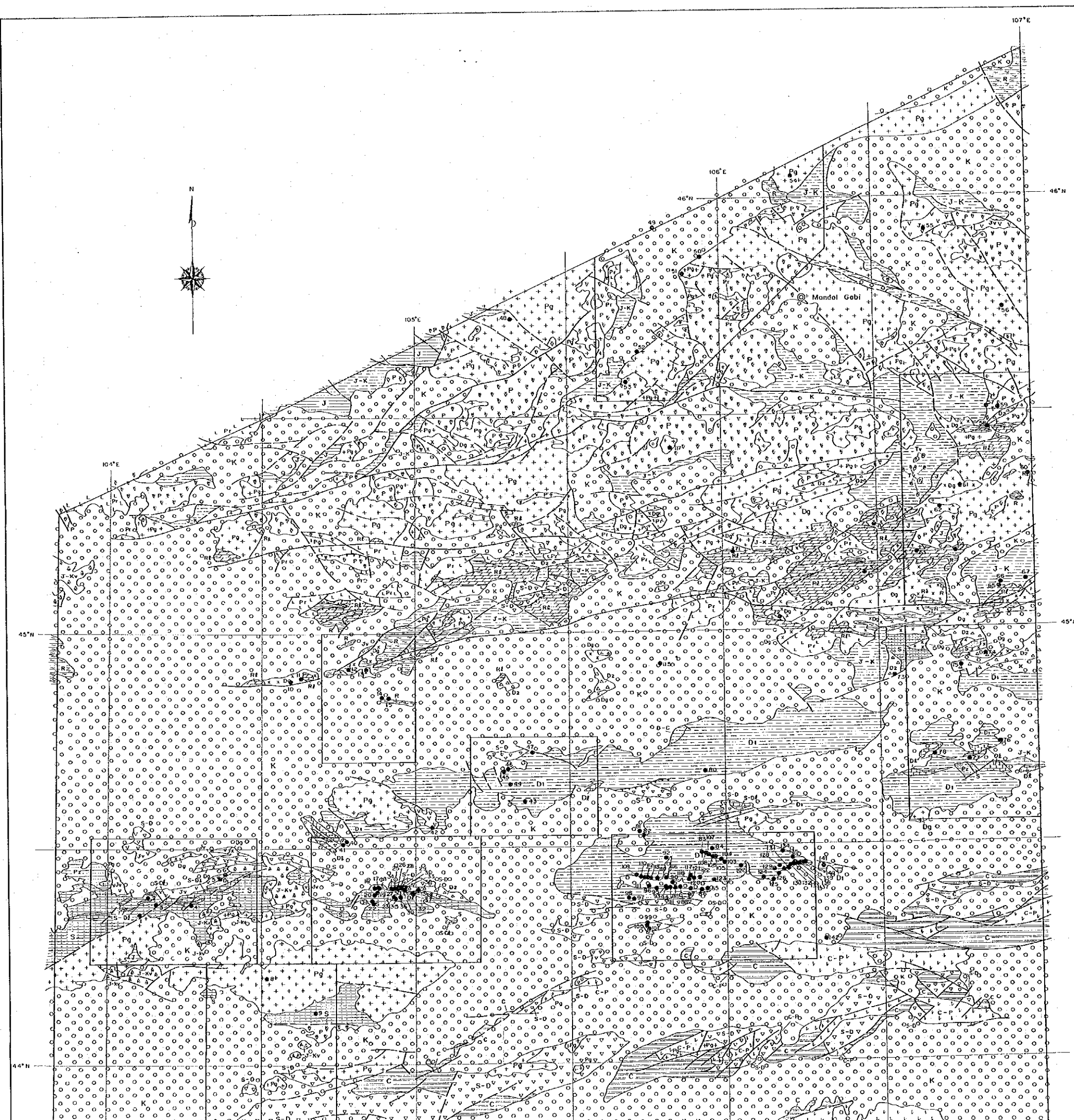
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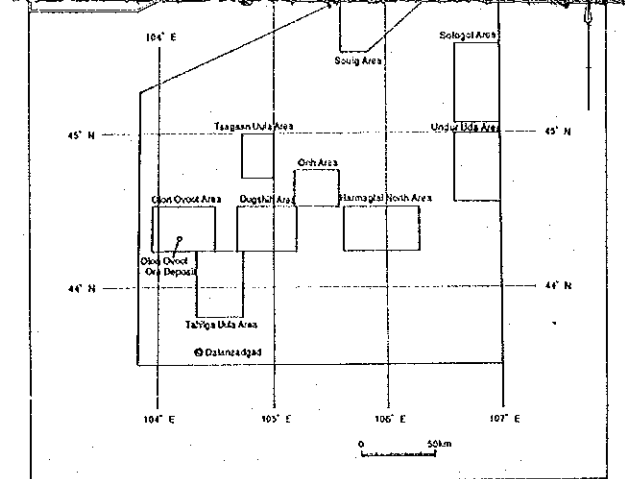
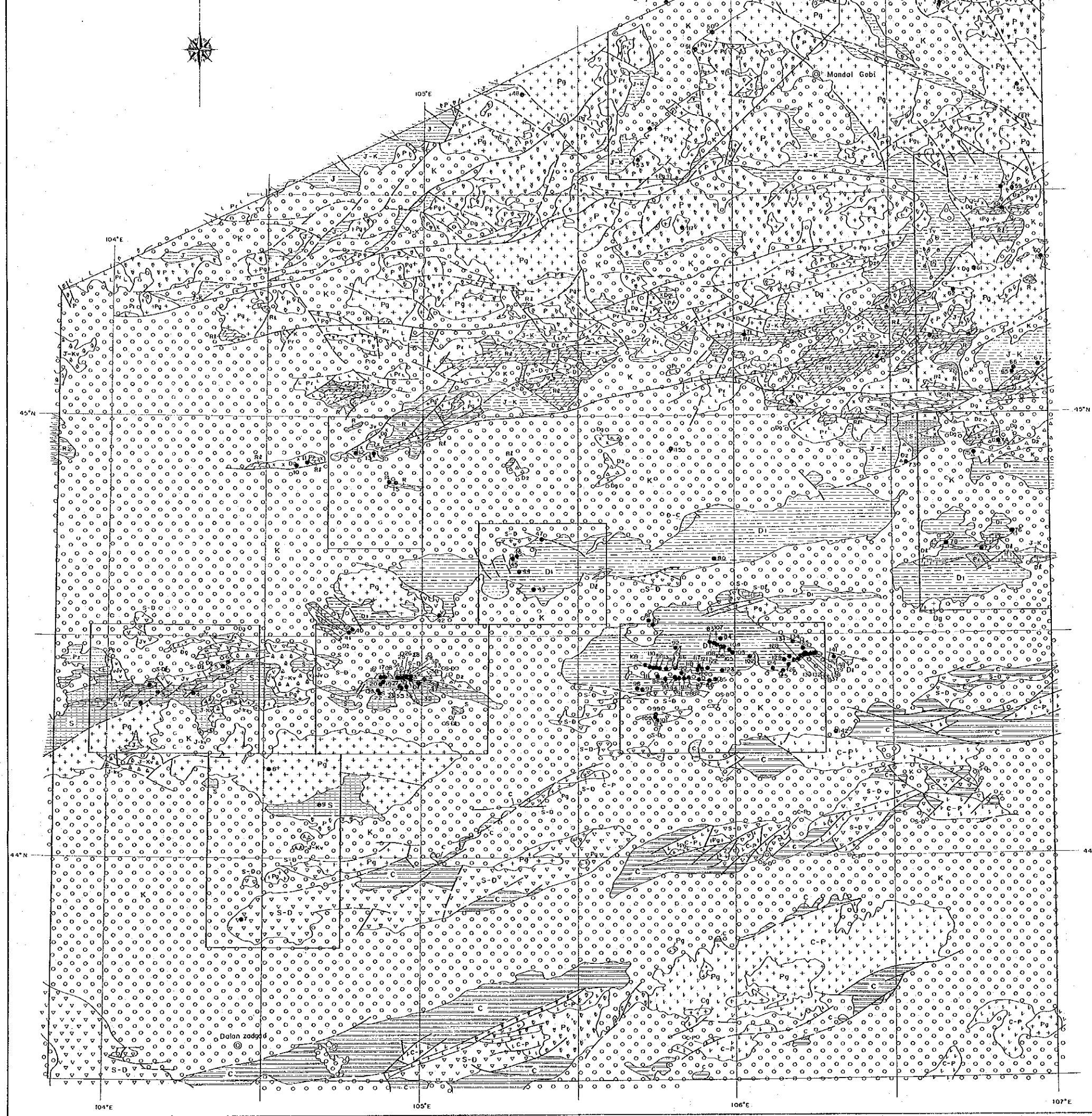
LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Tertiary	Tv	▲▲▲▲	olivine basalt, tuff
Cretaceous	K	○ ○ ○ ○	sandstone, siltstone, conglomerate, limestone, coal
		○ ○ ○ ○	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-K	— — — —	conglomerate, siltstone, sandstone
		▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	— — — —	conglomerate, siltstone, sandstone
		V V V V	trachyte-dacite, trachyrhyolite
Permian	P	— — — —	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	V V V V	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	— — — —	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	— — — —	tuffaceous conglomerate, sandstone, siltstone
		— — — —	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
		— — — —	sandstone, shale, siltstone
Silurian-Devonian	S-Df	— — — —	limestone
		V V V V	dacite, rhyolite, andesite, tuff
Silurian	S	— — — —	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	— — — —	sandstone, siltstone, clayey shale
Riphean	Rf	— — — —	limestone
R	— — — —	quartzite, phyllite, sandstone, gneiss, amphibolite	
Intrusive Rocks	Pg	++++	granite, granosyenite
	Pr	LLLL	rhyolite, rhyolitic breccia, quartz porphyry
	Dg	XXXX	granite, granodiorite

• ore showing

K	unit name and boundary
—	strike and dip direction
—	anticline
—	syncline
—	fault
—	inferred fault
—	thrust fault





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LEGEND

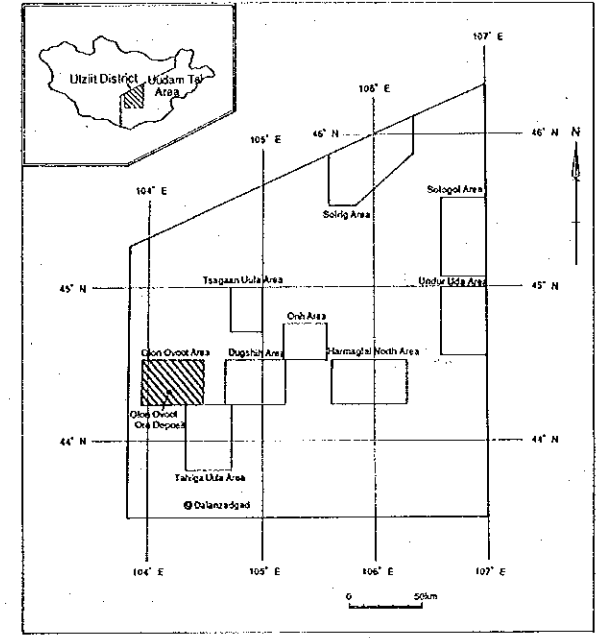
Geologic Age	Geologic Unit	Symbol	Rock Types
Tertiary	Tv	A A A A	olivine basalt, tuff
Cretaceous	K	O O O O	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	— — — —	conglomerate, siltstone, sandstone
	J-Kv	A A A A	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	— — — —	conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyryolite
Permian	P	Y Y Y Y	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	V V V V	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	— — — —	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	— — — —	tuffaceous conglomerate, sandstone, siltstone
	Df	— — — —	limestone
Devonian	D2	△ △ △ △	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1	— — — —	sandstone, shale, siltstone
Silurian-Devonian	S-Df	— — — —	limestone
	S-D	V V V V	dacite, rhyolite, andesite, tuff
Silurian	S	— — — —	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	— — — —	sandstone, siltstone, clayey shale
Ripheian	Rf	— — — —	limestone
	R	— — — —	quartzite, phyllite, sandstone, gneiss, amphibolite
Intrusive Rocks	Pg	+ + + +	granite, granosyenitic
	Pr	L L L L	rhyolite, rhyolitic breccia, quartz porphyry
	Dg	X X X X	granite, granodiorite

- ore showing
- X unit name and boundary
- strike and dip direction
- anticline
- syncline
- fault
- inferred fault
- thrust fault

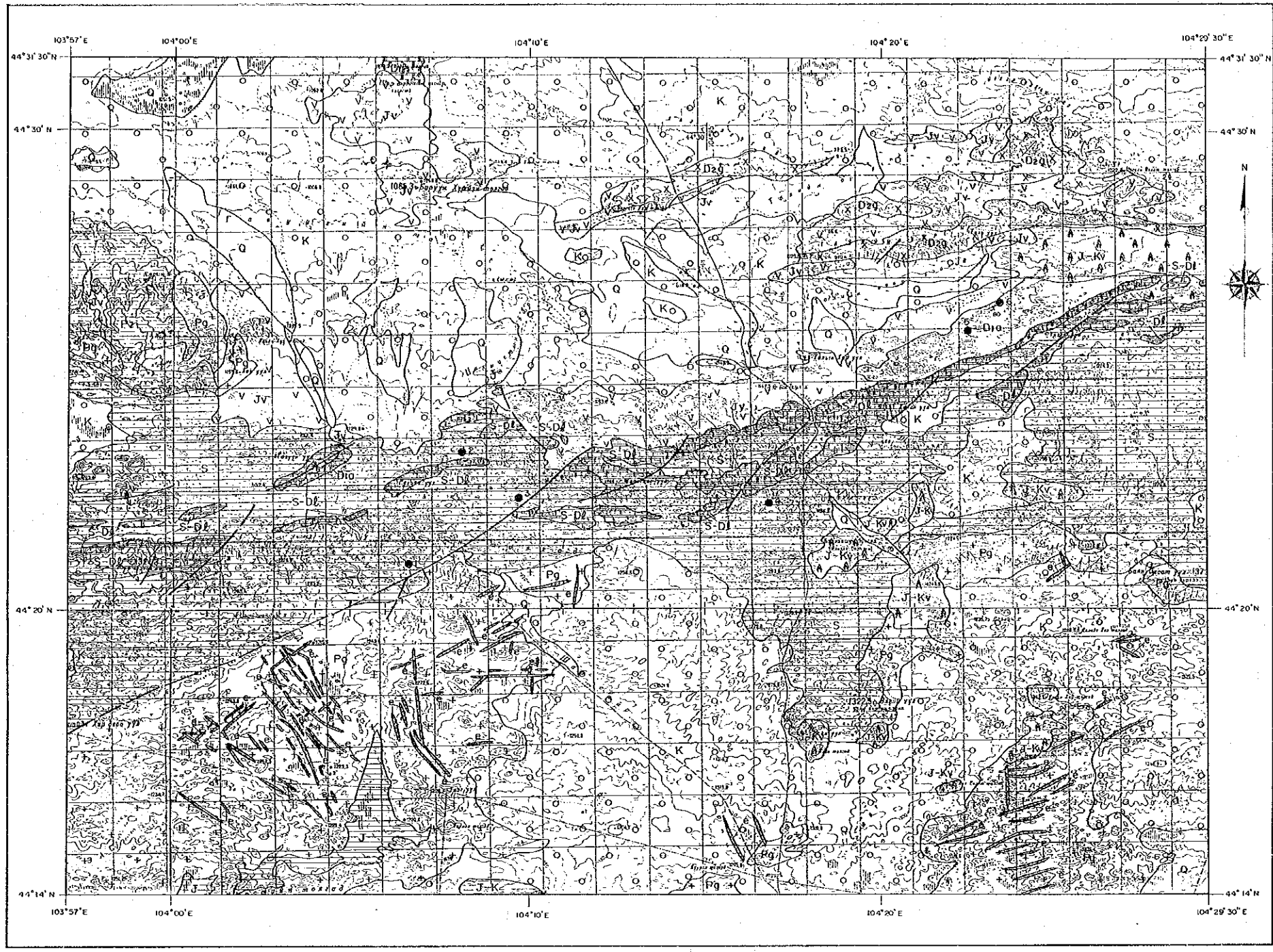
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MINERAL EXPLORATION  
IN  
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Geologic Map of the Olon Ovoot Area



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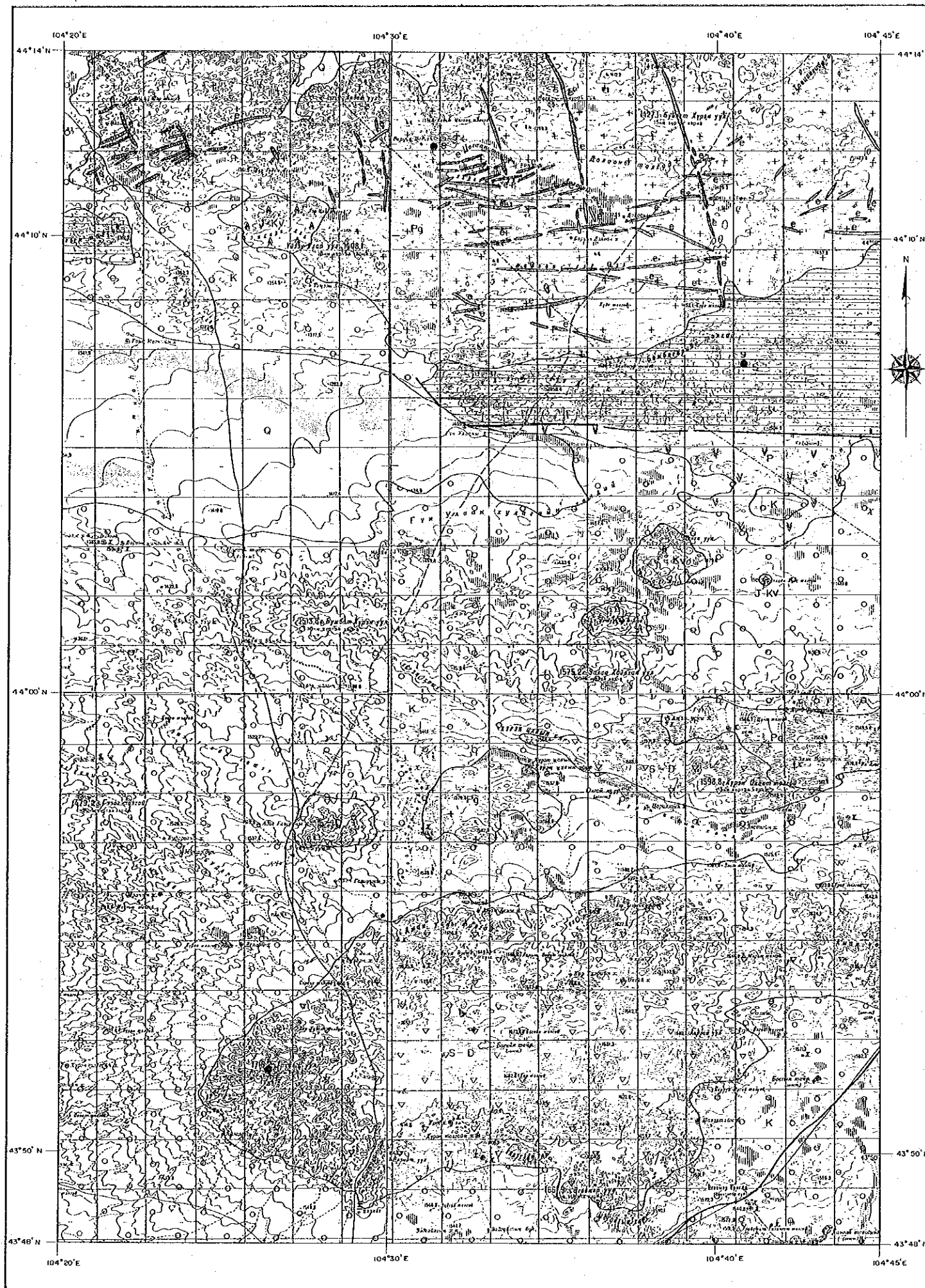
LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
	J-Kv	▨▨▨▨	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨▨▨▨	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyhyolite
Permian	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▨▨▨▨	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	▨▨▨▨	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▨▨▨▨	tuffaceous conglomerate, sandstone, siltstone
	D2f	▨▨▨▨	limestone
Devonian	D2	▨▨▨▨	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	▨▨▨▨	limestone
	D1b	▨▨▨▨	sandstone, shale, siltstone
	D1a	▨▨▨▨	shale, siltstone, sandstone
Silurian-Devonian	S-Df	▨▨▨▨	limestone
	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▨▨▨▨	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	▨▨▨▨	sandstone, siltstone, clayey shale
Riphean	Rf	▨▨▨▨	recrystallized limestone
	R2	▨▨▨▨	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	▨▨▨▨	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e	▨▨▨▨	granodiorite porphyry
	d	▨▨▨▨	diorite, microdiorite, diorite porphyry
	Pg	▨▨▨▨	granite, granosyenite
	Pr	▨▨▨▨	rhyolite, quartz porphyry
	C-Pg	▨▨▨▨	granite, granodiorite, granosyenite, diorite
	D2g	▨▨▨▨	granite, granodiorite
	D2d	▨▨▨▨	diorite, gabbro
	D1r	▨▨▨▨	rhyolite, dacite

● ore showing

▨▨▨▨	unit name and boundary
▨▨▨▨	strike and dip direction
▨▨▨▨	anticline
▨▨▨▨	syncline
▨▨▨▨	fault
▨▨▨▨	inferred fault
▨▨▨▨	thrust fault



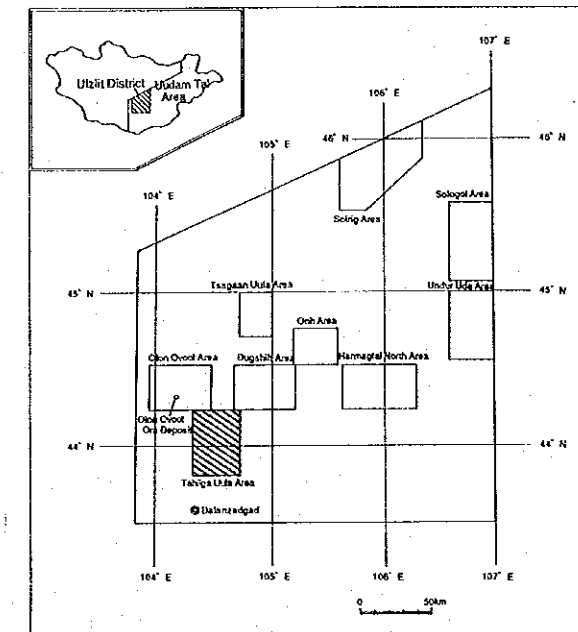


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PL. II - 1 - 3

MINERAL EXPLORATION  
IN  
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

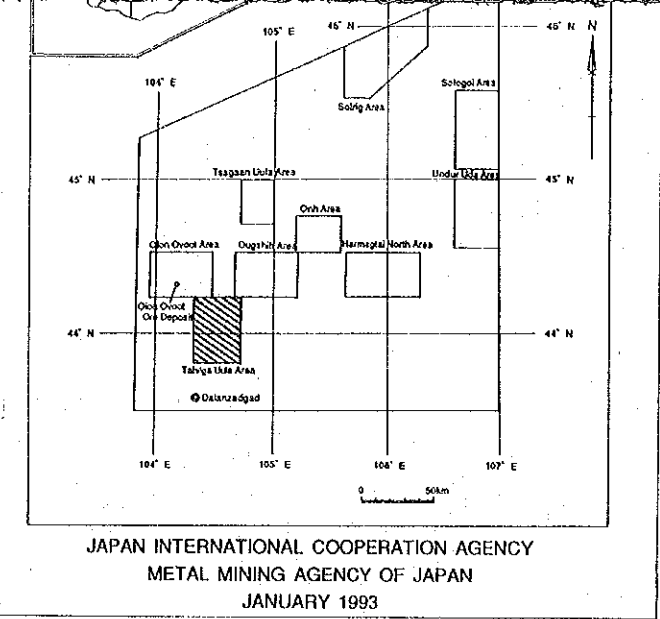
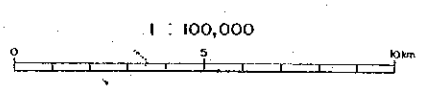
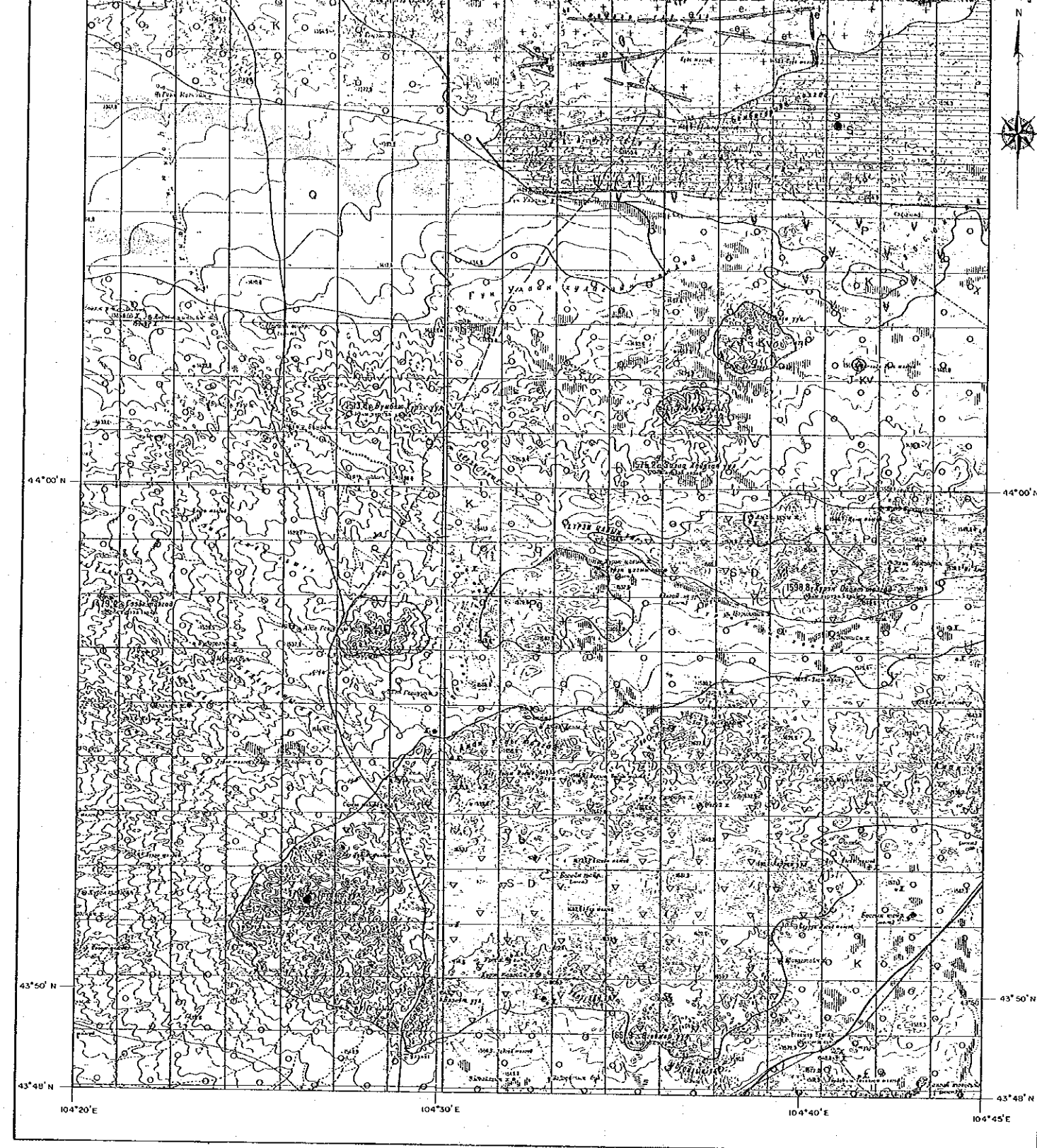
Geologic Map of the Tahilga Uula Area



JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
	J		conglomerate, siltstone, sandstone
Jurassic	Jv	▽▽▽▽	trachyte-dacite, trachyrhyolite
	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▨▨▨▨	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C		sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C		tuffaceous conglomerate, sandstone, siltstone
	D2f		limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f		limestone
	D1b		sandstone, shale, siltstone
	D1a		shale, siltstone, sandstone
Silurian-Devonian	S-Df		limestone
	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S		sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ		sandstone, siltstone, clayey shale
	Rf		recrystallized limestone
Riphean	R2		quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2		shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e		granodiorite porphyry
	d		diorite, microdiorite, diorite porphyry
	Pg	++++	granite, granosyenite
	Pr	▨▨▨▨	rhyolite, quartz porphyry
	C-Pg	▨▨▨▨	granite, granodiorite, granosyenite, diorite



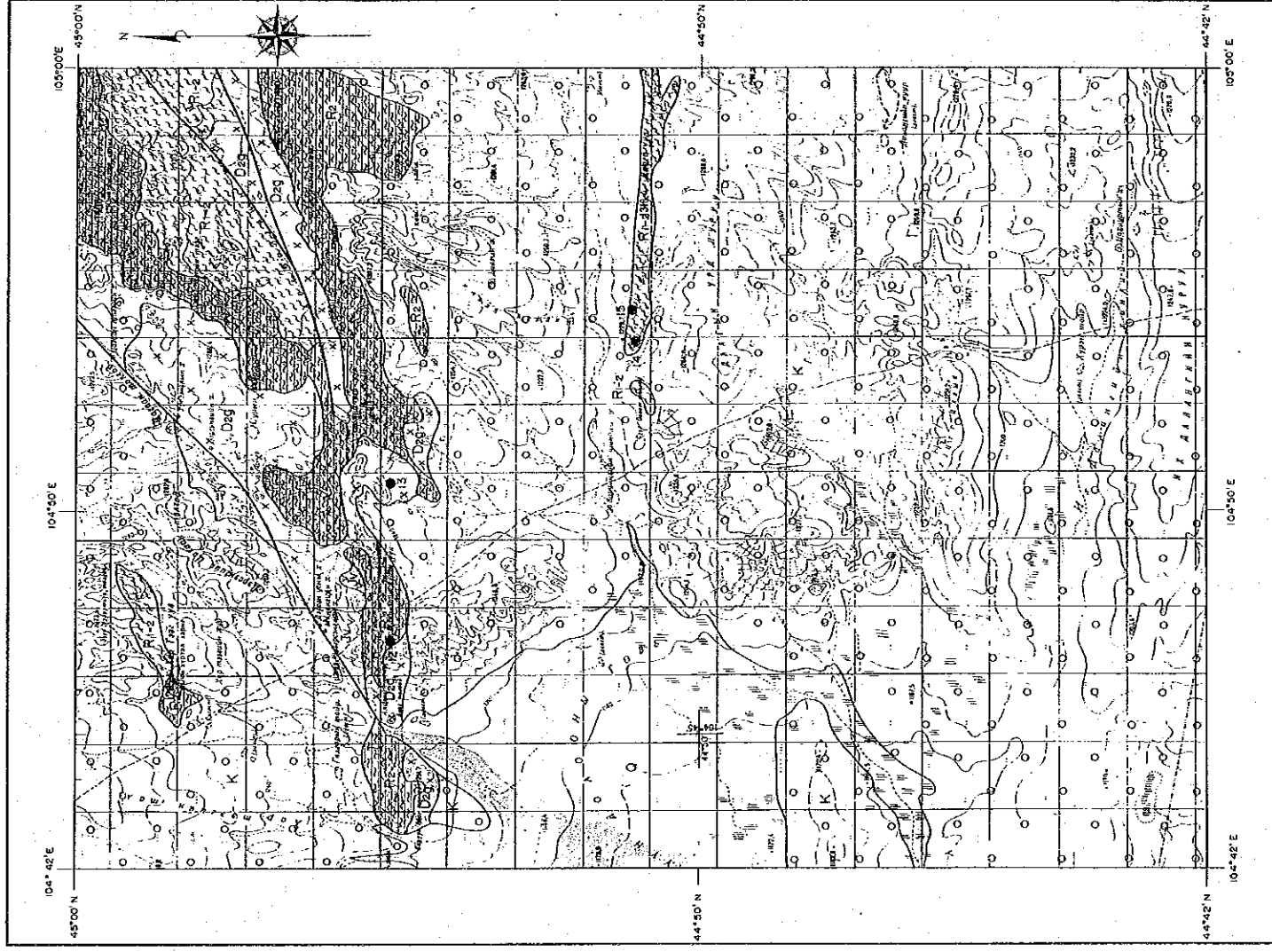
JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv		olivine basalt
Cretaceous	K		sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K		conglomerate, siltstone, sandstone
	J-Kv		basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J		conglomerate, siltstone, sandstone
	Jv		trachyte-dacite, trachyhyolite
Permian	P		trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P		basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C		sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C		tuffaceous conglomerate, sandstone, siltstone
	D2f		limestone
Devonian	D2		basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f		limestone
	D1b		sandstone, shale, siltstone
	D1a		shale, siltstone, sandstone
Silurian-Devonian	S-Df		limestone
	S-D		dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S		sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ		sandstone, siltstone, clayey shale
	Rf		recrystallized limestone
Ripheian	R2		quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2		shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e		granodiorite porphyry
	d		diorite, microdiorite, diorite porphyry
	Pg		granite, granosyenite
	Pr		rhyolite, quartz porphyry
	C-Pg		granite, granodiorite, granosyenite, diorite
	D2g		granite, granodiorite
	D2d		diorite, gabbro
	D1r		rhyolite, dacite

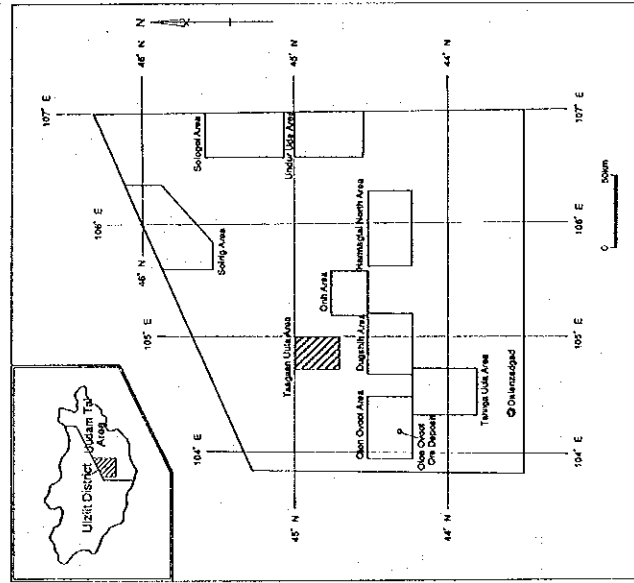
• ore showing

K	unit name and boundary
	strike and dip direction
	anticline
	syncline
	fault
	inferred fault
	thrust fault



PL. II - 1 - 4  
 MINERAL EXPLORATION  
 IN  
 THE UUDAM TAL AREA, MONGOLIA ( PHASE II )

Geologic Map of the Tsagaan Uula Area



JAPAN INTERNATIONAL COOPERATION AGENCY  
 METAL MINING AGENCY OF JAPAN  
 JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q	▲▲▲▲	sand, gravel, loam
	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
	J-K	○○○○	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
	J	▲▲▲▲	conglomerate, siltstone, sandstone
Permian	Jv	▲▲▲▲	trachy-dacite, trachyryholite
	P	▲▲▲▲	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▲▲▲▲	basalt, trachyandesite, andesite, tuff, conglomerate
	C	▲▲▲▲	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▲▲▲▲	tuffaceous conglomerate, sandstone, siltstone
	Dz	▲▲▲▲	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	▲▲▲▲	limestone
	D1b	▲▲▲▲	sandstone, shale, siltstone
	D1a	▲▲▲▲	shale, siltstone, sandstone
Silurian-Devonian	S-Df	▲▲▲▲	limestone
	S-D	▲▲▲▲	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▲▲▲▲	sandstone, siltstone, shale, phyllite
	Pz	▲▲▲▲	sandstone, siltstone, clayey shale
Undifferentiated Paleozoic	Rz	▲▲▲▲	recrystallized limestone
	R2	▲▲▲▲	quartzite, phyllite, siltstone, sandstone, amphibolite
Riphean	R1-2	▲▲▲▲	shale, amphibolite, quartzite, phyllite, gneiss
	e	▲▲▲▲	granodiorite porphyry
Intrusive Rocks	d	▲▲▲▲	diorite, microdiorite, diorite porphyry
	P1	▲▲▲▲	granite, uranosyenite
	Pr	▲▲▲▲	rhyolite, quartz porphyry
	C-P1	▲▲▲▲	granite, granodiorite, gneiss, syenite, diorite
	D21	▲▲▲▲	granite, granodiorite
	D21	▲▲▲▲	diorite, gabbro
	D1r	▲▲▲▲	rhyolite, dacite

1 : 100,000  
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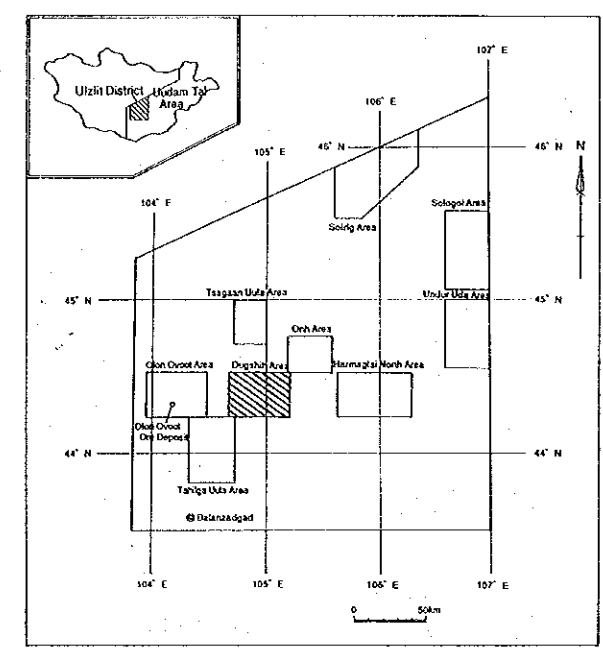
● ore showing

▲	unit name and boundary
—	strike and dip direction
—	anticline
—	syncline
—	fault
—	inferred fault
—	thrust fault



MINERAL EXPLORATION  
IN  
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

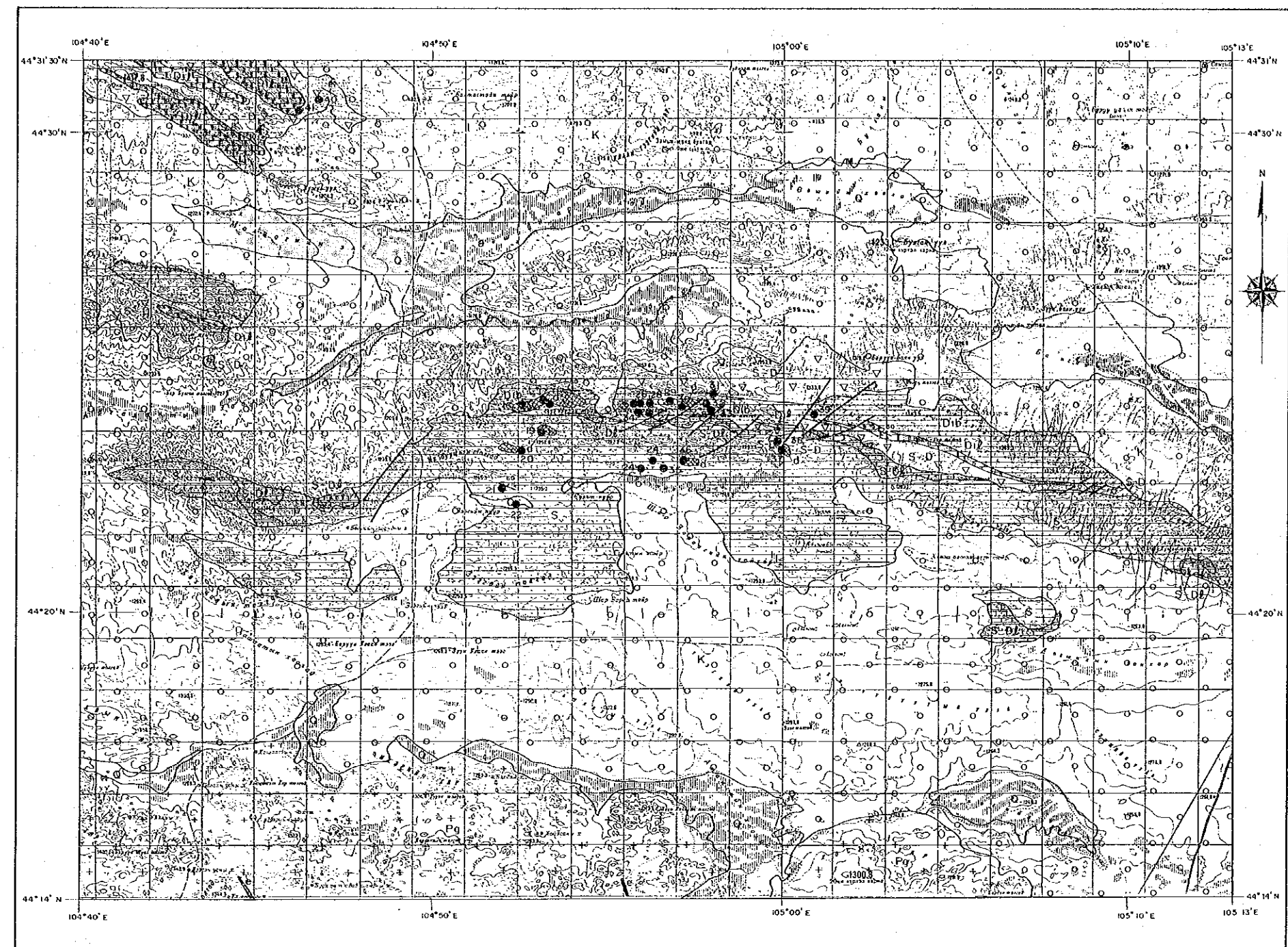
Geologic Map of the Dugshih Area



JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1993

LEGEND

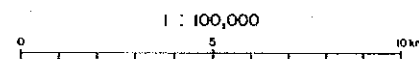
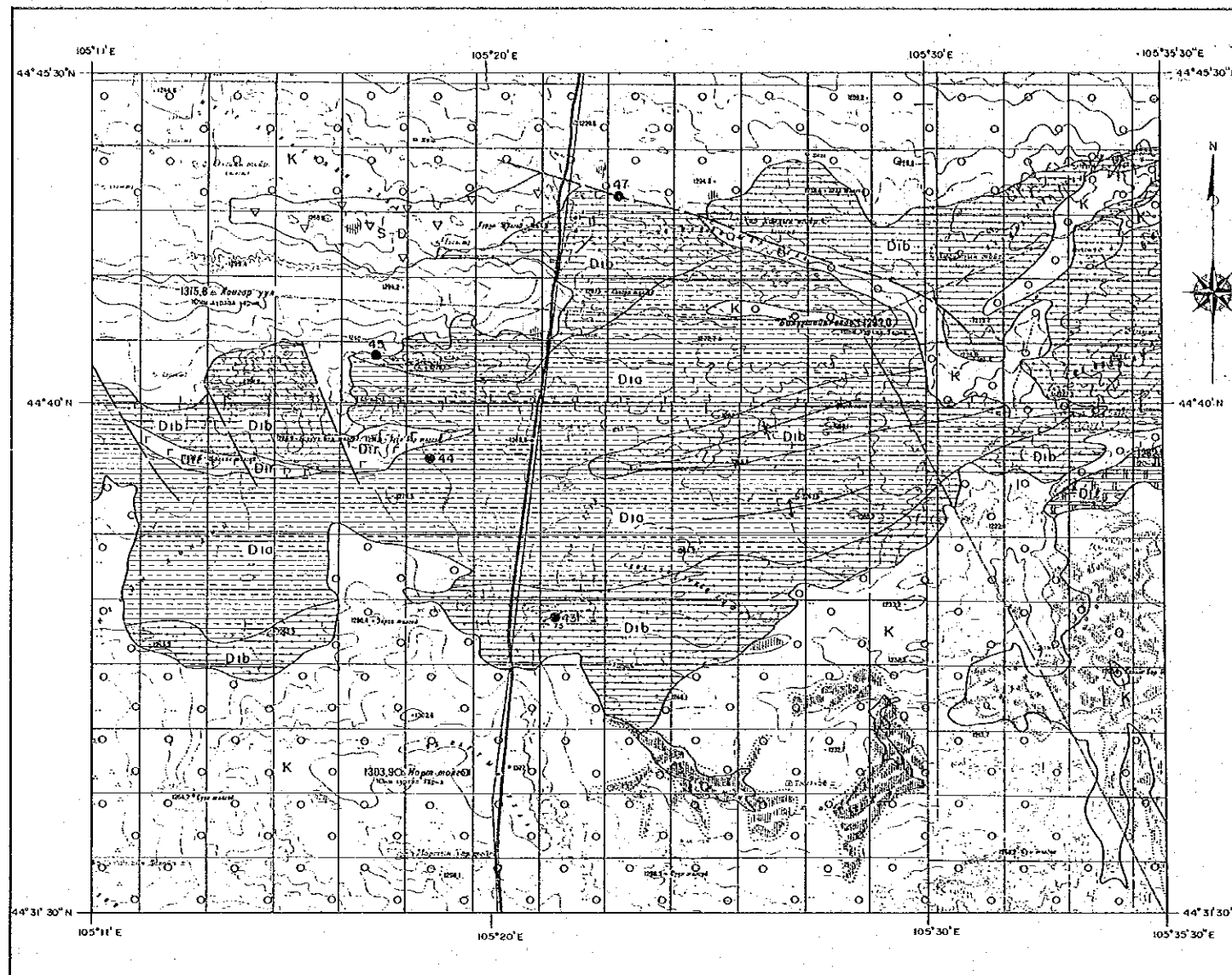
Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	A A A A	olivine basalt
Cretaceous	K	○ ○ ○ ○	sandstone, siltstone, conglomerate, limestone, coal
	J-K	— — — —	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	▲ ▲ ▲ ▲	basalt, trachybasalt-trachyandesite, trachyte
	J	— — — —	conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyrhyolite
Permian	P	U U U U	trachyte, andesite, trachyandesite, dacite, tuff
	C-P	l l l l	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	— — — —	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	— — — —	tuffaceous conglomerate, sandstone, siltstone
	D2f	— — — —	limestone
Devonian	D2	▲ ▲ ▲ ▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	— — — —	limestone
	D1b	— — — —	sandstone, shale, siltstone
	D1a	— — — —	shale, siltstone, sandstone
Silurian-Devonian	S-Df	— — — —	limestone
	S-D	▽ ▽ ▽ ▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	— — — —	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ	— — — —	sandstone, siltstone, clayey shale
Ripheian	Rf	— — — —	recrystallized limestone
	R2	— — — —	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	— — — —	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e	— — — —	granodiorite porphyry
	d	— — — —	diorite, microdiorite, diorite porphyry
	Pg	— — — —	granite, granosyenite
	Pr	— — — —	rhyolite, quartz porphyry
	C-Pg	— — — —	granite, granodiorite, granosyenite, diorite
	D2g	X X X X	granite, granodiorite
	D2d	X X X X	diorite, gabbro
D1r	— — — —	rhyolite, dacite	



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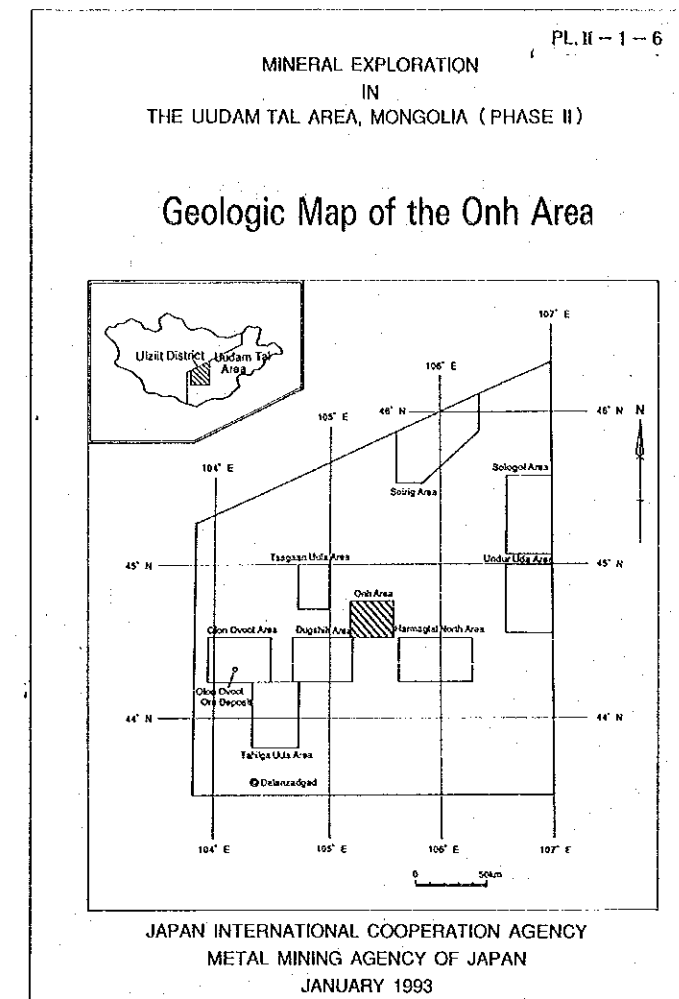
● ore showing

K	unit name and boundary
— — — —	strike and dip direction
— — — —	anticline
— — — —	syncline
— — — —	fault
— — — —	inferred fault
— — — —	thrust fault



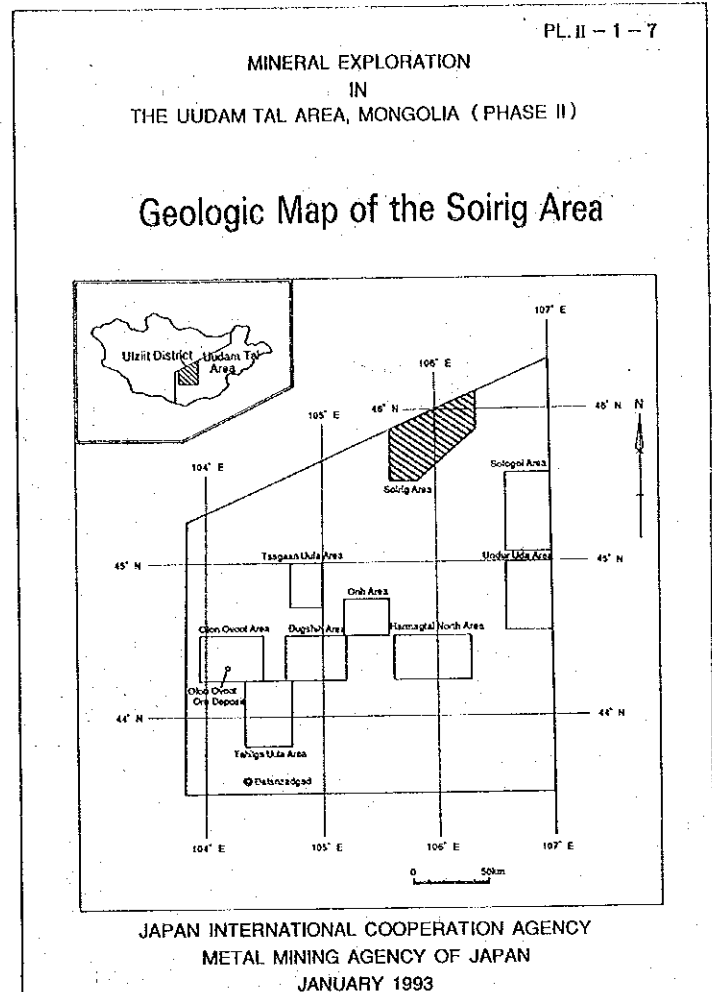
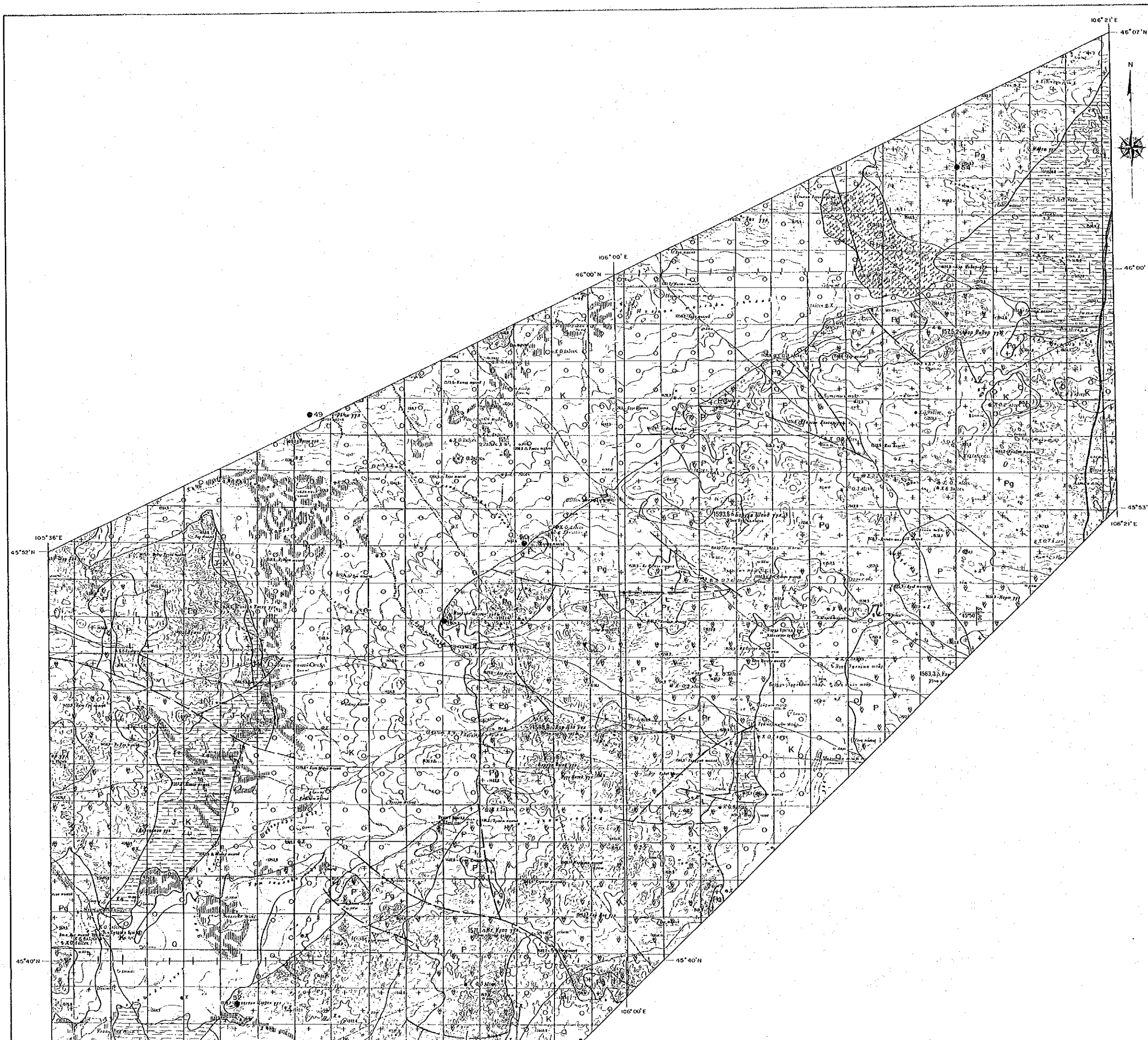
● ore showing

	unit name and boundary
	strike and dip direction
	anticline
	syncline
	fault
	inferred fault
	thrust fault



### LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv		olivine basalt
Cretaceous	K		sandstone, siltstone, conglomerate, limestone, coal
	J-K		conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv		basalt, trachybasalt-trachyandesite, trachyte
	J		conglomerate, siltstone, sandstone
Jurassic	Jv		trachyte-dacite, trachyrhyolite
	P		trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P		basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C		sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C		tuffaceous conglomerate, sandstone, siltstone
	D2f		limestone
Devonian	D2		basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f		limestone
	D1b		sandstone, shale, siltstone
	D1a		shale, siltstone, sandstone
Silurian-Devonian	S-Df		limestone
	S-D		dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S		sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	PZ		sandstone, siltstone, clayey shale
Riphean	Rf		recrystallized limestone
	R2		quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2		shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	c		granodiorite porphyry
	d		diorite, microdiorite, diorite porphyry
	Pg		granite, granosyenite
	Pr		rhyolite, quartz porphyry
	C-Pg		granite, granodiorite, granosyenite, diorite
	D2g		granite, granodiorite
	D2d		diorite, gabbro
	D1r		rhyolite, dacite



LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
	J	▨▨▨▨	conglomerate, siltstone, sandstone
Jurassic	Jv	▽▽▽▽	trachyte-dacite, trachyhyolite
	P	▽▽▽▽	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	▨▨▨▨	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	▨▨▨▨	sandstone, siltstone, conglomerate, mudstone
Devonian-Carboniferous	D-C	▨▨▨▨	tuffaceous conglomerate, sandstone, siltstone
	D2f	▨▨▨▨	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1f	▨▨▨▨	limestone
	D1b	▨▨▨▨	sandstone, shale, siltstone
	D1a	▨▨▨▨	shale, siltstone, sandstone
Silurian-Devonian	S Df	▨▨▨▨	limestone
	S-D	▽▽▽▽	dacite, rhyolite, andesite, tuff, phyllite, shale
Silurian	S	▨▨▨▨	sandstone, siltstone, shale, phyllite
Undifferentiated Paleozoic	Pz	▨▨▨▨	sandstone, siltstone, clayey shale
	Rf	▨▨▨▨	recrystallized limestone
Riphean	R2	▨▨▨▨	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	▨▨▨▨	shale, amphibolite, quartzite, phyllite, gneiss
Intrusive Rocks	e	▨▨▨▨	granodiorite porphyry
	d	▨▨▨▨	diorite, microdiorite, diorite porphyry
	Pg	▨▨▨▨	granite, granosyenite
	Pr	▨▨▨▨	rhyolite, quartz porphyry
	C-Pg	▨▨▨▨	granite, granodiorite, granosyenite, diorite
	D2g	▨▨▨▨	granite, granodiorite
	D2d	▨▨▨▨	diorite, gabbro
D1r	▨▨▨▨	rhyolite, dacite	