

## 6. Results of Imaging Processing







st.0804		st.0803		st.0806		st.0807	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1141	94	1141	92	1143	95	1137	108
1131	101	1141	92	1132	105	1135	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	169	1066	151	1065	150	1056	144
1038	192	1041	179	1040	162	1032	150
1005	244	1010	208	1012	183	1006	155
967	292	972	255	978	256	974	181
914	328	927	190	936	285	939	349
857	367	867	222	873	310	897	340
		842	252			798	349

st.0819		st.0820		st.0821		st.0822	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1115	118	1117	95	1132	63	1143	47
1098	103	1102	86	1120	63	1136	50
1083	97	1088	82	1105	64	1127	84
1066	91	1073	78	1087	66	1117	58
1047	86	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	139			934	221		
868	159			873	202		
764	192			790	209		

st.0823		st.0824		st.0825		st.0826	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1152	39	1151	35	1149	41	1152	44
1145	42	1143	36	1141	42	1145	47
1127	46	1132	39	1131	45	1126	50
1127	51	1119	46	1117	45	1126	50
1116	57	1106	59	1104	63	1114	72
1103	68	1090	87	1088	92	1099	96
1086	100	1068	134	1066	152	1079	173
						1053	419
						1013	330
						959	346

st.0827		st.0828		st.0829	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1143	52	1139	58	1135	53
1136	54	1131	61	1123	60
1127	59	1121	62	1114	64
1116	66	1110	65	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		
		952	196		

st.1003		st.1004		st.1005		st.1006		st.1019		st.1020		st.1021		st.1022	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1129	294	1139	122	1130	91	1135	83	1139	92	1132	89	1144	79	1140	62
1110	238	1143	137	1120	96	1125	89	1124	99	1122	96	1134	85	1131	65
1091	223	1112	151	1108	104	1113	97	1112	107	1109	102	1122	90	1121	69
1070	219	1095	163	1093	113	1100	105	1097	115	1095	107	1109	83	1109	71
1047	205	1075	171	1076	126	1083	114	1080	123	1079	109	1093	94	1086	72
1022	201	1051	187	1056	143	1064	127	1060	127	1060	106	1076	93	1081	74
987	226	1025	237	1032	174	1042	154	1037	121	1040	103	1057	95	1064	80
954	263	993	240	1002	243	1014	220	1012	133	1008	106	1026	104	1044	94
812	404			963	286	975	286	975	562	970	145	1000	167	1020	405
859	423			909	84	928	110	933	407	936	156	967	296	988	274
771	446			880	87	865	344	831	375	878	183	905	267	907	253
				942	92							837	278		

st.1007		st.1008		st.1009		st.1010		st.1023		st.1024		st.1025		st.1026	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1142	79	1153	85	1140	104	1123	139	1152	58	1148	50	1147	47	1143	47
1132	82	1143	103	1129	117	1109	130	1144	61	1137	51	1137	47	1140	47
1121	99	1131	126	1125	132	1095	132	1134	64	1124	52	1125	48	1130	47
1107	114	1116	156	1099	148	1080	156	1123	67	1108	55	1110	50	1117	49
1090	132	1098	195	1080	164	1062	135	1110	69	1094	58	1091	52	1100	53
1069	154	1075	204	1057	174	1041	135	1095	72	1078	63	1067	57	1078	59
1045	226	1047	226	1031	173	1003	140	1078	84	1058	75	1047	73	1058	74
				1001	214	968	146	1058	105	1034	104	1021	96	1032	122
				970	256	918	162	1031	918	1003	357	983	199	998	119
				919	287	874	194	997	371	959	246	939	175	944	123
						806	202	909	320	875	236	857	178		

st.1011		st.1012		st.1013		st.1014		st.1027		st.1028		st.1029		st.1030	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1109	207	1097	229	1102	205	1130	150	1158	47	1156	48	1160	54	1157	63
1090	162	1077	174	1084	165	1117	166	1190	46	1147	48	1149	54	1147	62
1069	150	1060	161	1065	157	1101	176	1139	45	1137	48	1135	54	1135	60
1049	140	1041	151	1044	150	1127	146	1127	46	1122	50	1119	55	1121	59
1026	133	1019	141	1020	141	1060	177	1111	49	1105	52	1099	55	1104	57
1000	134	993	134	993	137	1037	166	1090	54	1082	57	1075	57	1085	57
968	136	963	129	962	134	1011	149	1071	70	1062	69	1046	66	1062	65
922	160	926	121	923	128	975	139	1047	114	1038	105	1009	95	1031	97
		883	109	878	128	941	147			1004	162	970	138		
		836	98	836	132	899	118			954	151				
		787	98	751	133	854	127			892	159				
		730	97			841	132								

st.1015		st.1016		st.1017		st.1018	
DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)	DEPTH RESISTIVITY	(ohm-m)
1136	149	1129	139	1119	128	1124	143
1123	167	1116	151	1105	112	1109	119
1107	181	1100	160	1088	114	1096	114
1088	188	1082	164	1070	128	1076	119
1067	188	1062	161	1042	145	1051	129
1042	183	1039	155	1017	151	1019	135
1016	183	1015	148	986	140	991	132
988	185	977	135	953	131	945	133
958	234	935	228	912	150	891	170
904	268			856	164	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)
1111	190	1107	221	1107	253	1116	301	1128	377	1127	276	1116	199	1118	115
1093	157	1087	172	1086	186	1094	201	1103	281	1105	217	1116	174	1118	136
1075	173	1066	180	1053	186	1076	211	1083	274	1081	216	1094	183	1133	166
1050	189	1040	194	1033	192	1057	224	1051	262	1053	217	1067	197	1116	212
1026	205	1016	204	1001	204	1001	204	1012	248	1017	224	1042	214	1094	285
998	236	987	215	959	224	1006	235	976	256	973	250	1013	252	1066	395
964	255	941	237	921	251	967	284	927	293	936	336	978	301		
921	310	898	232	876	196			861	327			931	343		
		849	234												
		777	239												
		709	260												
		511	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)
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	129	1100	184	1105	147	1108	152
1071	201	1083	118	1094	127	1108	85	1077	146	1095	200	1085	180	1089	191
1045	219	1061	173	1074	160	1090	114	1021	251	1054	202	1062	217	1065	246
1016	276	1034	209	1049	232	1069	181	981	338	1025	202	1033	239	1036	296
		1002	303			1041	194	926	357	994	275	997	375		
		960	491					926	357	960	328	957	433		
		902	505					859	391	900	355	890	486		
		826	555												

st. 2424		st. 2425		st. 2426		st. 2427		st. 2413		st. 24135		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)
1131	48	1135	54	1131	71	1126	84	1141	99	1148	92	1141	97	1145	95
1121	49	1127	57	1119	71	1116	86	1130	113	1135	108	1130	106	1134	114
1108	53	1118	61	1103	72	1105	87	1117	130	1122	130	1117	140	1121	139
1096	60	1107	65	1085	74	1092	86	1101	153	1107	160	1101	180	1105	174
1083	71	1094	80	1062	76	1071	84	1082	183	1087	203	1080	246	1086	233
1066	93	1079	91	1046	92	1053	91	1058	234	1063	276	1055	323	1061	298
1044	139	1061	103	998	94	1037	86	1029	336	1033	410	1021	399		
1014	235	1038	151	966	134	983	93	991	286	994	400				
						950	120	940	354	942	503				
						913	175	887	422	893	613				
						850	129								

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)		
1133	94	1125	93	1123	97	1135	126	1123	141	1123	101	1122	159		
1122	100	1114	153	1101	92	1123	141	1108	102	1104	125	1104	125		
1109	102	1101	132	1089	96	1108	156	1093	123	1090	142	1097	135		
1095	101	1087	101	1075	96	1090	169	1077	160	1077	175	1082	147		
1079	96	1071	97	1060	93	1070	178	1054	206	1067	175	1059	171		
1062	88	1054	92	1043	87	1046	207	1025	226	1045	205	1037	195		
1036	84	1028	84	1017	81	1019	357	993	237	1016	239	1008	212		
1011	87	1003	82	991	77	983	311	949	329	981	272	974	230		
980	99	973	91	963	94					937	267	935	257		
936	149	937	95	929	108										
890	147	894	99	879	110										
816	149			822	114										

st. 2601		st. 2602		st. 2603		st. 2604		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)
1123	570	1125	355	1140	231	1148	194	1145	162	1131	198	1126	418	1126	212
1090	302	1102	238	1120	200	1132	182	1130	150	1113	156	1103	272	1109	203
1062	289	1081	246	1104	218	1115	199	1109	169	1097	146	1091	229	1092	218
1029	279	1051	256	1084	238	1096	215	1090	179	1077	160	1060	205	1071	215
991	284	1013	254	1060	237	1072	230	1070	178	1054	226	1035	184	1047	193
952	265	985	269	1032	252	1046	267	1029	357	1025	205	1017	174	1012	178
910	312	912	321	989	287	1014	298	1019	311	993	237	981	212	980	185
860	434	859	392	946	318	974	266	946	318	945	327	935	528		
797	443					929	183					882	433		
696	458					880	208					776	130		
												710	125		

st. 2610		st. 2611		st. 2612		st. 2613		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)
1132	220	1132	160	1134	189	1128	247	1125	221	1130	215	1129	385	1103	179
1114	204	1117	156	1115	146	1108	161	1106	161	1104	156	1109	366	1087	221
1096	215	1102	177	1096	157	1085	158	1096	157	1094	146	1085	336	1067	269
1076	218	1084	202	1071	180	1061	172	1076	218	1074	177	1067	301	1040	269
1052	178	1081	223	1048	210	1031	199	1052	178	1050	216	1037	288	1029	270
1027	135	1034	218	1019	250	1007	240	1027	135	1025	303	1019	277	1009	270
1006	101	1002	205	993	282	986	290	1006	101	991	398	987	321	977	278
988	70	958	246	937	323	918	276	958	246	950	444	962	360	938	270
		902	461	894	367							906	467		
		841	459	817	403							865	522		
		739	474												



st. 3209		st. 3210		st. 3211		st. 3212		st. 3228		st. 3229		st. 3230	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1127	479	1129	359	1138	361	1127	323	1129	24	1127	25	1119	25
1101	310	1106	363	1117	361	1104	276	1124	22	1121	23	1115	22
1079	342	1084	444	1094	459	1085	347	1118	20	1115	21	1111	19
1053	306	1055	451	1057	578	1059	391	1111	19	1109	19	1105	18
1025	309	1020	359	1032	458	1029	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	953	433	1082	20	1080	18	1078	20
								1066	30	1066	24	1050	27
								1047	80	1049	49	1041	54
										1024	39		
										981	37		

st. 3213		st. 3214		st. 3215		st. 3216	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1120	422	1086	396	1075	485	1025	457
1092	289	1066	342	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	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1100	879	1101	604	1135	109	1129	74
1080	392	1066	342	1124	127	1119	81
1033	377	1041	344	1110	150	1108	91
996	365	1006	328	1093	179	1095	106
960	344	963	295	1072	216	1078	127
910	339	923	272	1047	261	1058	160
865	374	882	242	1016	315	1033	221
788	357	831	151			1001	321
		787	142			958	351
		758	141			903	395
		742	138				

st. 3224		st. 3225		st. 3226		st. 3227	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1126	60	1132	40	1146	21	1124	26
1114	62	1125	43	1141	24	1121	22
1104	66	1117	47	1138	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	133		
				1023	134		

st. 3400		st. 3401		st. 3402		st. 3403		st. 3421		st. 3422		st. 3423		st. 3424	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1107	406	1074	345	1144	721	1146	474	1114	238	1123	228	1139	71	1127	51
1083	358	1039	342	1111	332	1121	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	120	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	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1135	687	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	1046	692	1087	576	1119	38	1143	23	1125	22	1112	24
1052	439	1052	516	1097	472	1056	644	1106	43	1136	25	1117	20	1107	20
1019	334	1014	419	982	364	1017	516	1093	54	1128	28	1109	18	1101	17
995	270	977	407	934	353	973	442	1077	83	1118	32	1100	17	1094	15
963	250	936	597	886	280	922	526			1107	45	1088	19	1086	15
924	176			855	415					1093	92	1074	26	1076	17
892	106			805	441					1072	89	1057	72	1059	34
				891	443					1041	54	1031	48	1036	25
												981	44	996	23

st. 3413		st. 3414		st. 3415		st. 3416		st. 3429		st. 3430	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1134	638	1096	394	1116	712	1063	464	1132	26	1139	13
1105	417	1073	407	1082	433	1026	423	1127	22	1133	17
1081	481	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	15
975	397	944	356	951	379	858	407	1102	14	1107	15
933	467	886	273	908	175	777	512	1093	13	1097	14
				838	433			1082	15	1084	15
								1066	23	1065	27
								1047	75		
								1015	40		
								962	36		

st. 3417		st. 3418		st. 3419		st. 3420	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1065	449	1061	433	1068	359	1094	534
1031	413	1028	415	1038	352	1060	327
998	415	990	410	1002	348	1036	330
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	368	749	393	778	312	849	353
705	338			705	296	769	391

st. 3621		st. 3622		st. 3623		st. 3624	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1092	300	1091	169	1132	357	1129	30
1070	250	1075	158	1120	434	1122	31
1051	113	1055	184	1104	511	1113	35
1027	355	1036	222	1095	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				
		706	279				
		732	309				

st. 3625		st. 3626		st. 3627		st. 3628	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(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	1105	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	DEPTH	RESISTIVITY
(m)	(ohm-m)	(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	1073	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	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1153	243	1187	262	1191	467	1089	450	1151	14	1144	17
1132	187	1172	348	1176	714	1054	491	1147	13	1138	17
1110	196	1154	483			1035	497	1141	13	1130	17
1083	229					999	435	1135	12	1121	17
1058	301					946	446	1128	12	1111	16
1024	412					899	460	1120	11	1100	15
						844	569	1110	12	1087	15
						779	622	1098	16	1072	15
						669	656	1084	40	1054	25
								1063	50		
								1027	40		
								995	42		

st. 3811		st. 3812		st. 3813		st. 3814	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1122	765	1120	674	1133	653	1073	469
1089	454	1091	479	1105	462	1047	494
1064	495	1085	581	1079	521	1016	498
1034	531	1032	655	1048	560	982	505
998	488	992	595	1011	518	944	515
959	429	947	546	969	507	901	540
911	443			912	560		
859	571						
801	633						
713	672						

st. 3817		st. 3818		st. 3819		st. 3820	
DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1059	451	1062	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	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY	DEPTH	RESISTIVITY
(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)	(m)	(ohm-m)
1155	56	1150	40	1159	2	1163	4
1147	65	1143	44	1156	7	1163	4
1137	78	1134	50	1153	8	1161	5
1125	98	1125	57	1148	10	1158	6
1109	129	1113	66	1143	15	1154	7
1090	171	1098	79	1135	42	1149	11
1065	184	1081	94			1143	24
1034	191	1059	82			1134	88
		1033	103			1121	96
		1005	146			1103	100
		959	162			1082	105
		920	178			1053	126

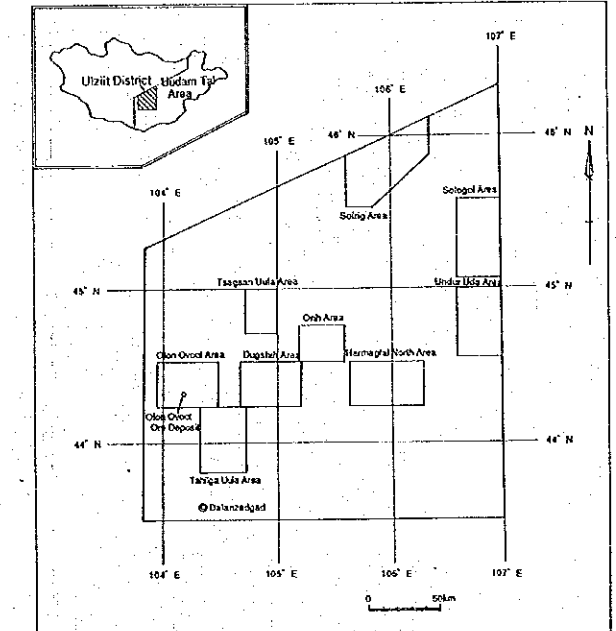






MINERAL EXPLORATION  
IN  
THE UUDAM TAL AREA, MONGOLIA (PHASE II)

Geologic Map of the Ulzii District



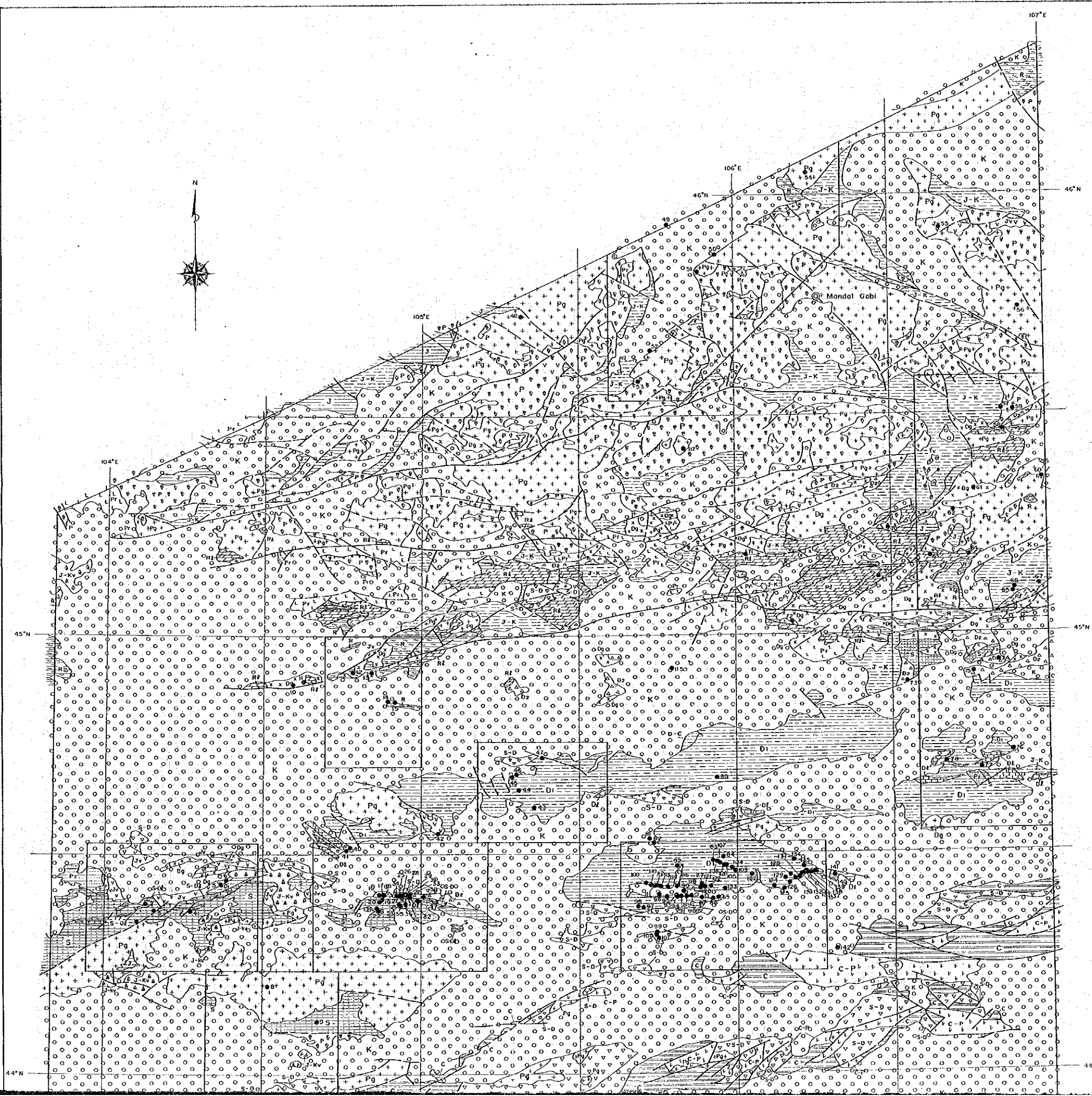
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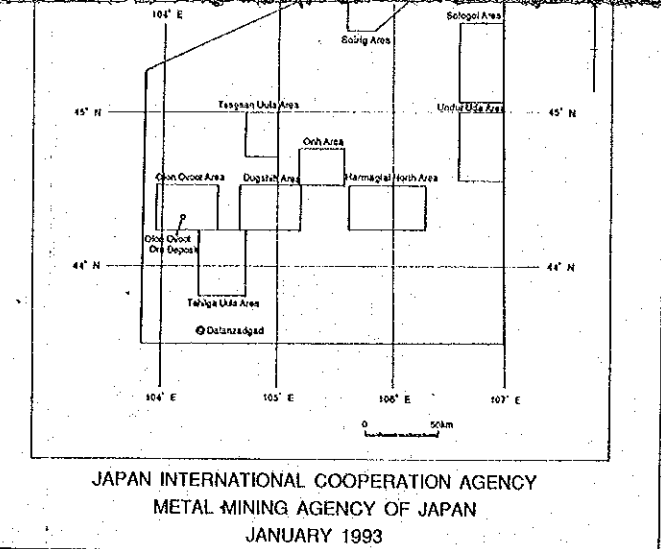
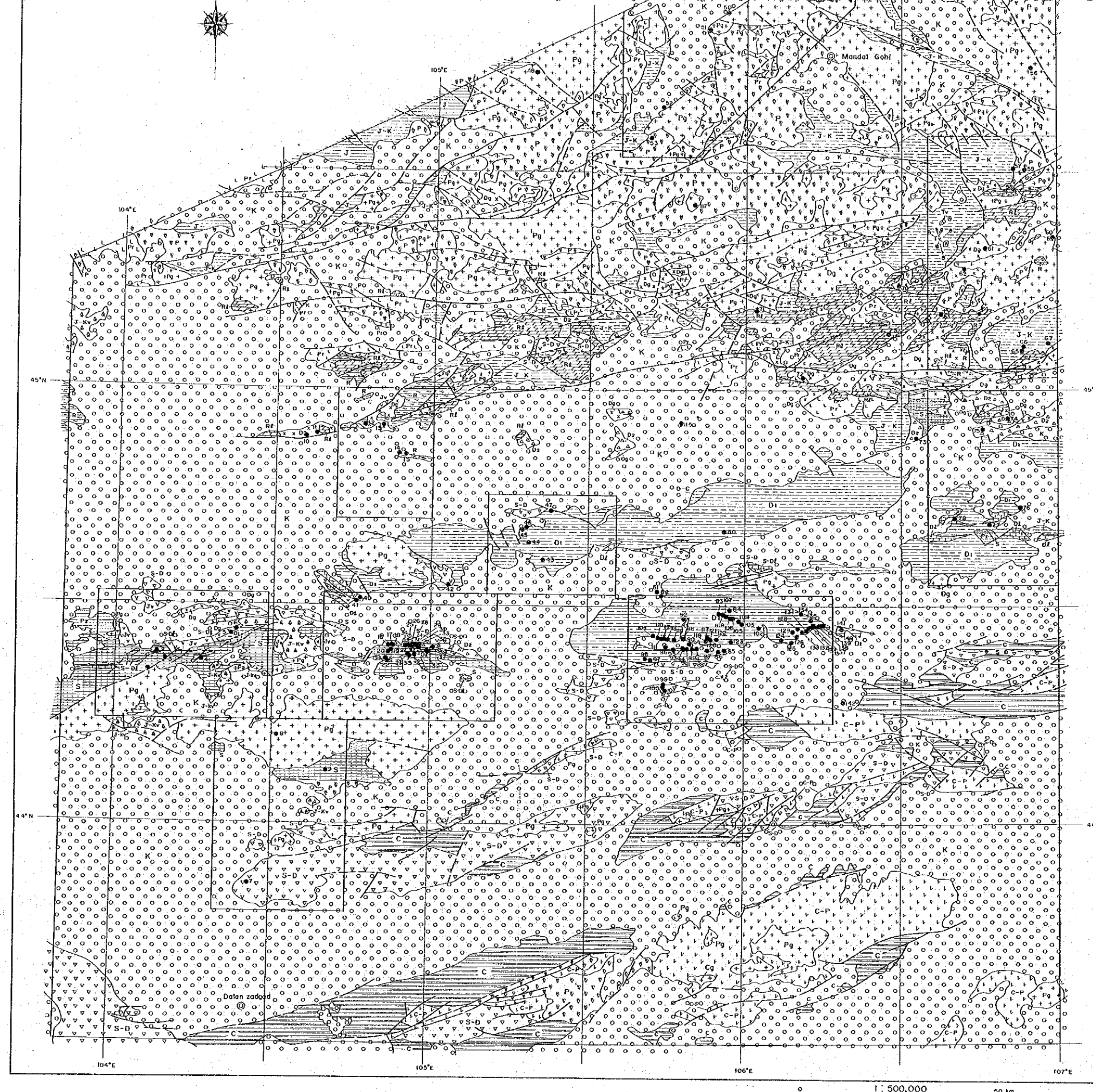
Geologic Age	Geologic Unit	Symbol	Rock Types
Tertiary	Tv	▲▲▲▲	olivine basalt, tuff
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
	J-Kv	▨▨▨▨	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨▨▨▨	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyrhyolite
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
	Df	▨▨▨▨	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1	▨▨▨▨	sandstone, shale, siltstone
Silurian-Devonian	S-Df	▨▨▨▨	limestone
	S-D	▽▽▽▽	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
Intusive Rocks	Pg	++++	granite, gneiss
	Pr	llll	rhyolite, rhyolitic breccia, quartz porphyry
	Dg	xxxx	granite, granodiorite

• ore showing

K	unit name and boundary
↗	strike and dip direction
↖	anticline
↘	syncline







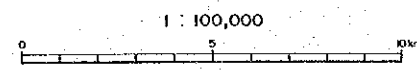
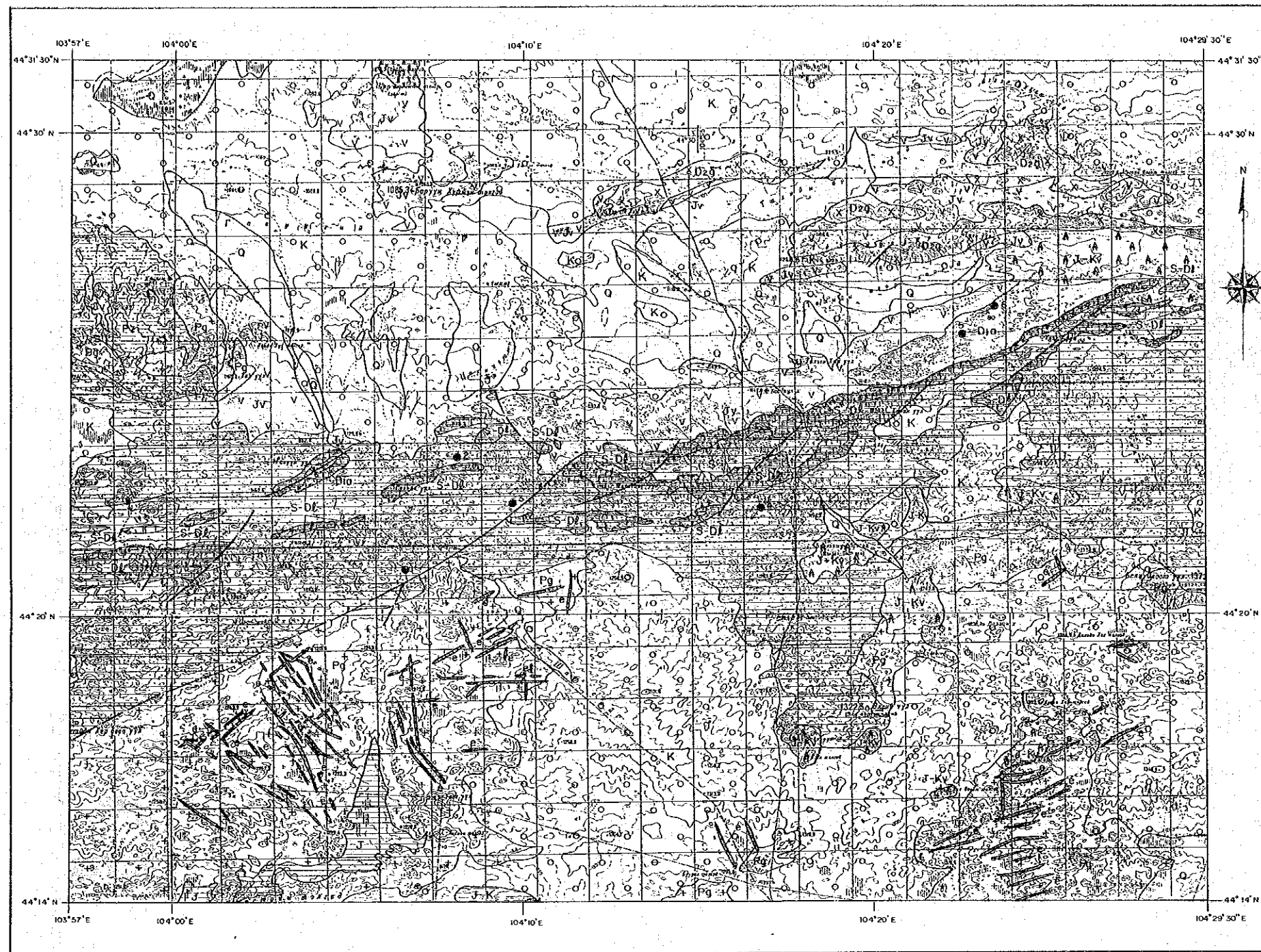
LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Tertiary	Tv	▲▲▲▲	olivine basalt, tuff
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, trachyrhyolite
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
	Df	▨▨▨▨	limestone
Devonian	D2	▲▲▲▲	basalt, trachybasalt, andesite, dacite, rhyolite, tuff
	D1	▨▨▨▨	sandstone, shale, siltstone
	S-Df	▨▨▨▨	limestone
Silurian-Devonian	S-D	▽▽▽▽	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
	Pg	++++	granite, granosyenite
Intrusive Rocks	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

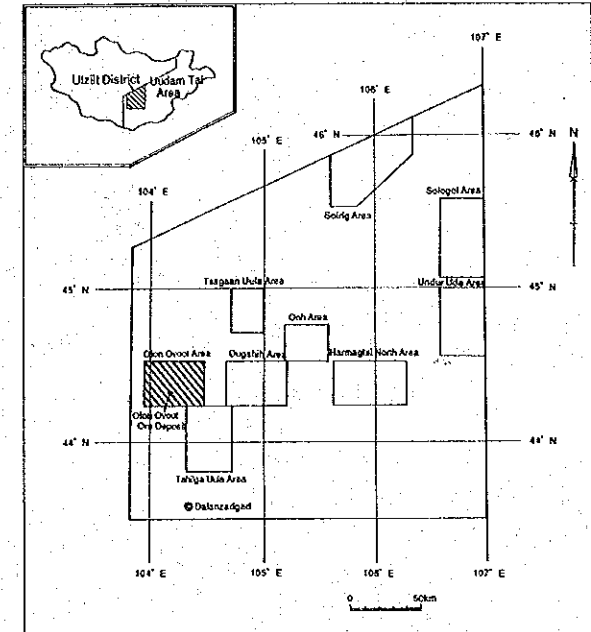
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● ore showing

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

Geologic Map of the Olon Ovoot Area

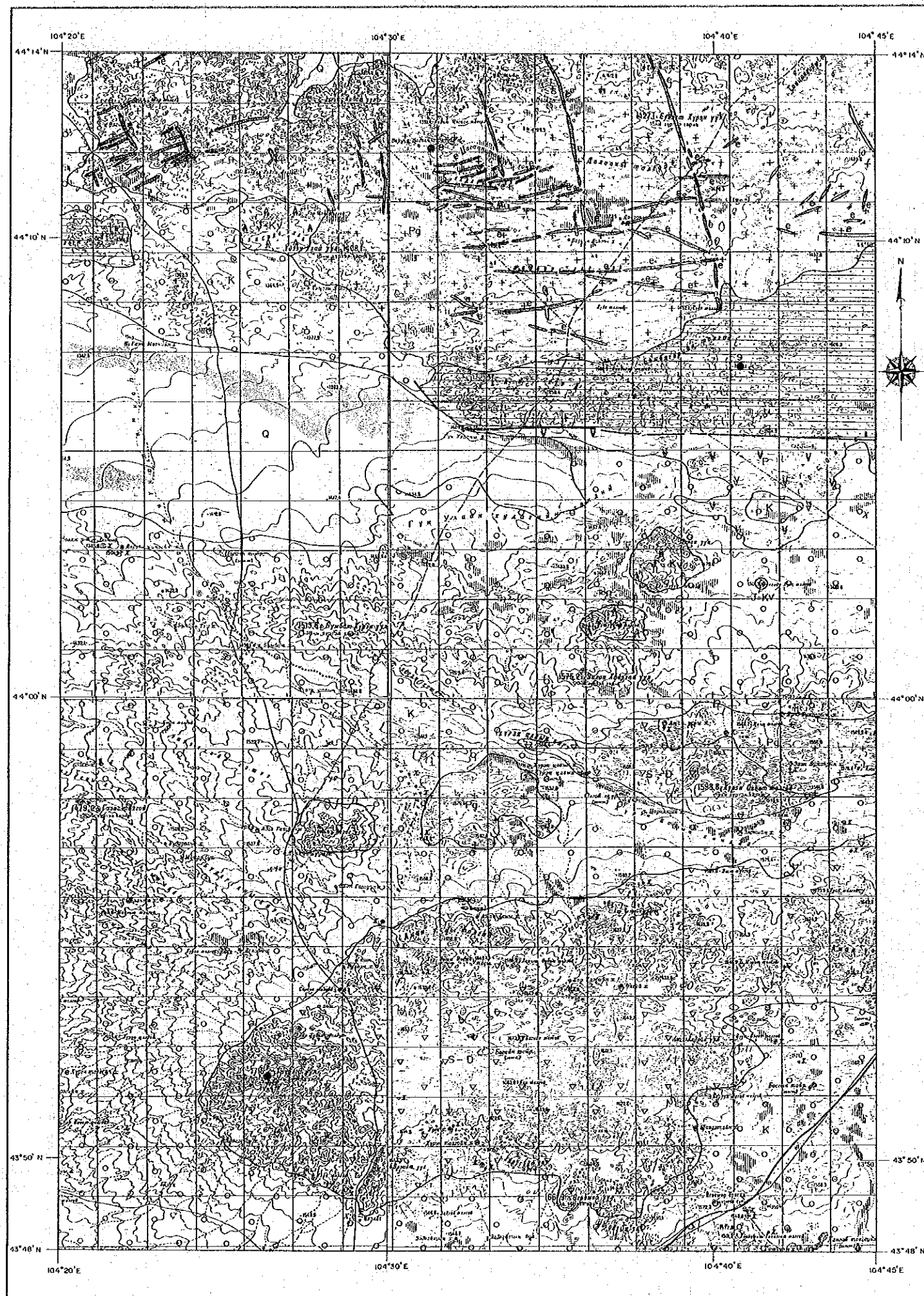


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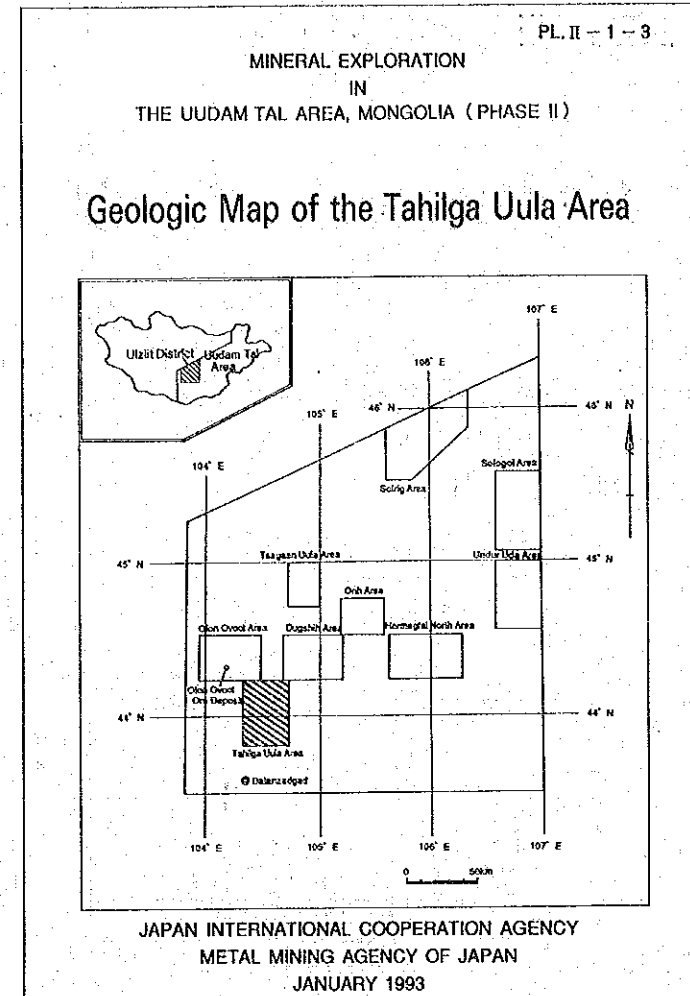
LEGEND

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
	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



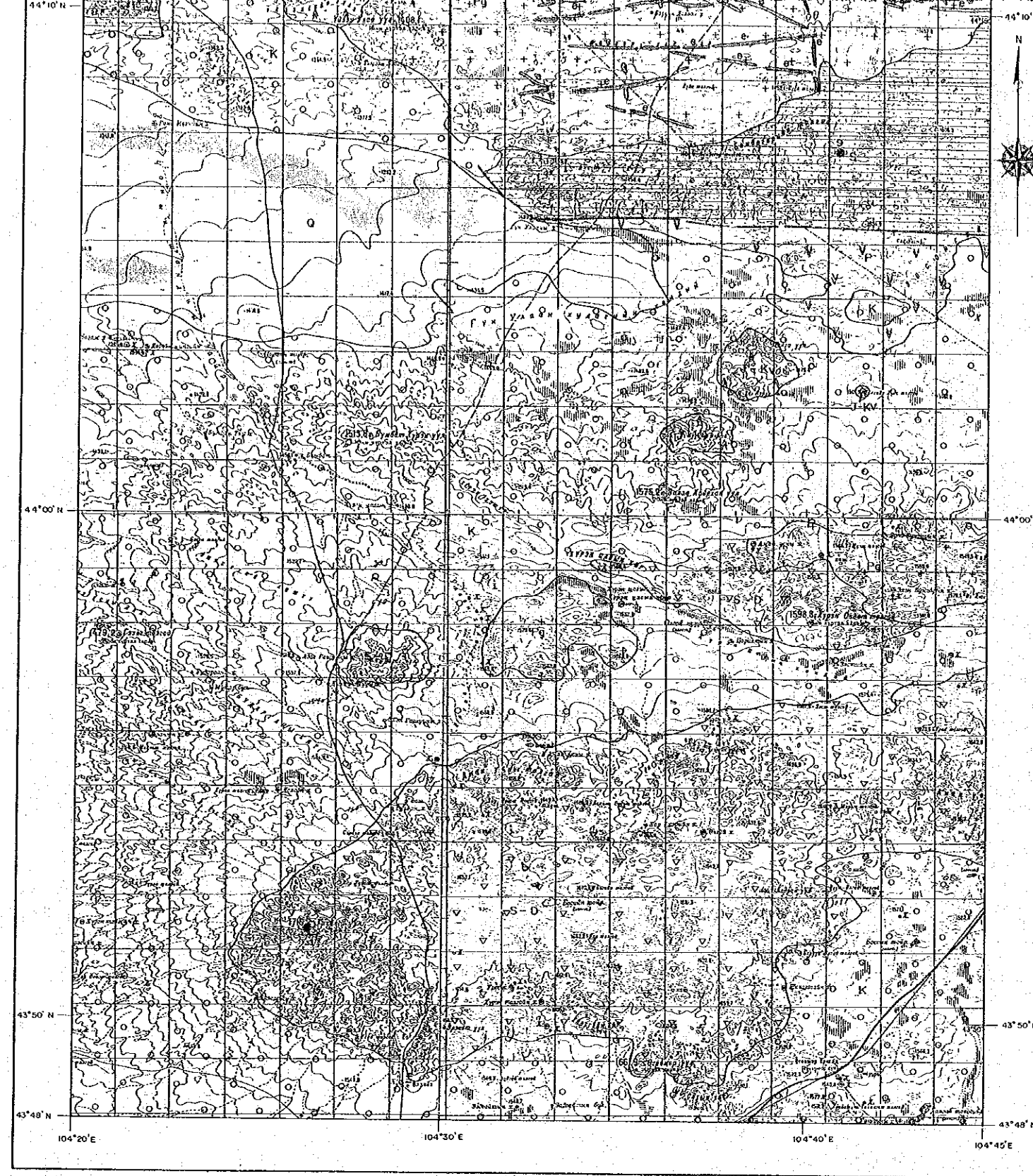


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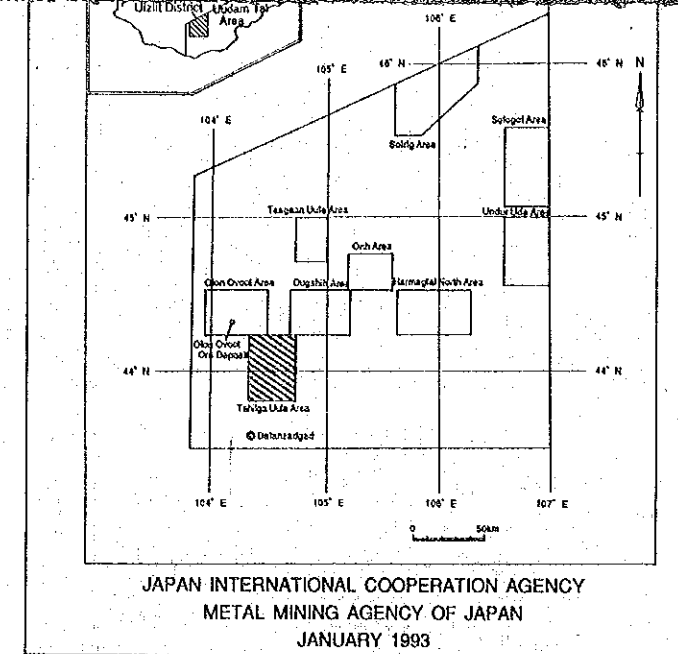
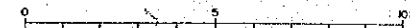


#### LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	A A A A	olivine basalt
Cretaceous	K	O O O O	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	— — — —	conglomerate, siltstone, sandstone
	J-Kv	■ ■ ■ ■	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	— — — —	conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyrhyolite
Permian	P	V V V V	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	V V V V	basalt, trachyandesite, andesite, tuff, conglomerate
Carboniferous	C	V V V V	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	V V V V	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
	D2c	X X X X	andesite, trachyte



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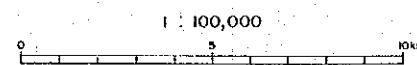
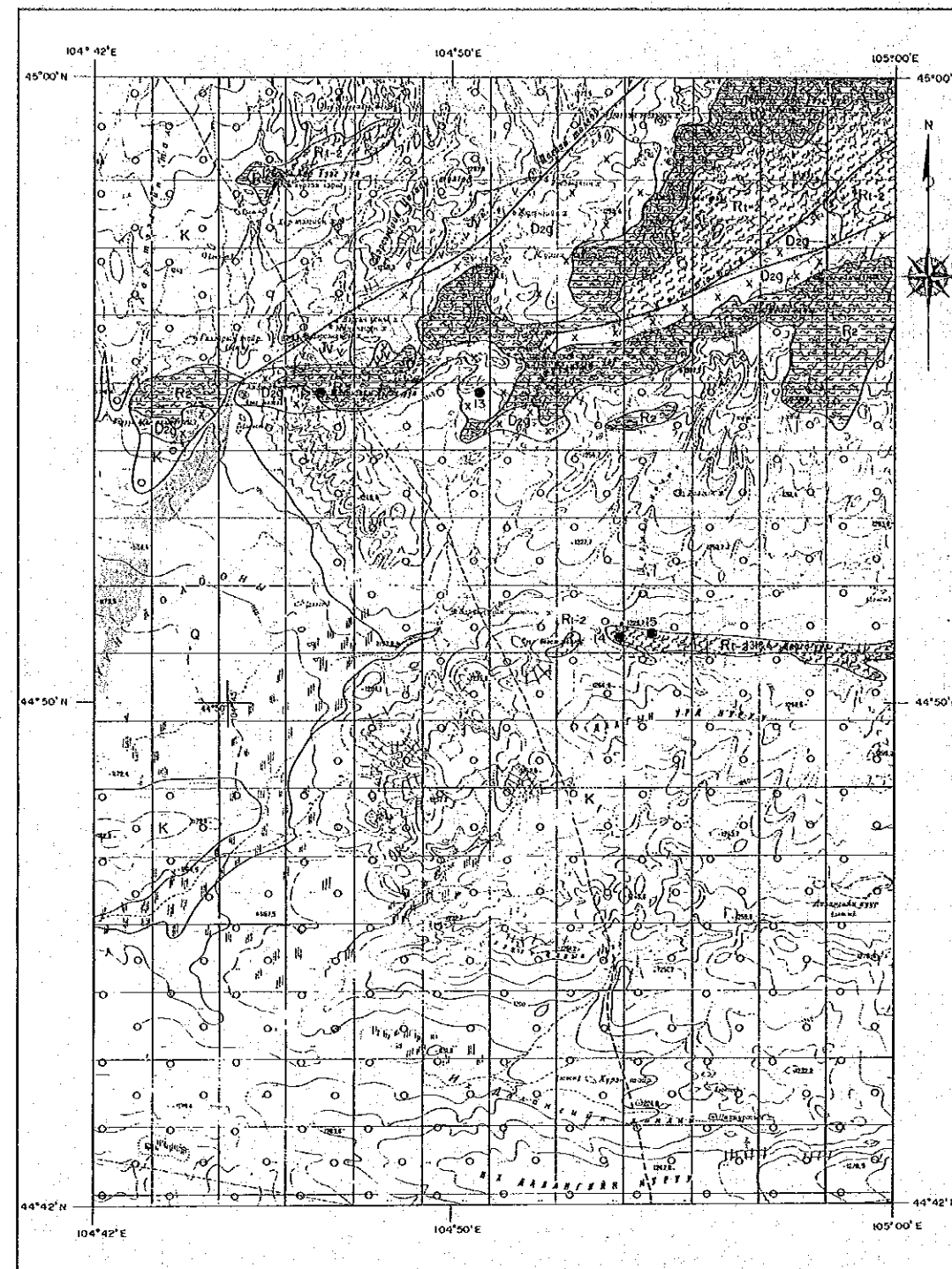
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JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	A A A A	olivine basalt
Cretaceous	K	O O O O	sandstone, siltstone, conglomerate, limestone, coal
	J-K		conglomerate, siltstone, sandstone
Jurassic-Cretaceous	J-Kv	A A A A	basalt, trachybasalt-trachyandesite, trachyte
	J		conglomerate, siltstone, sandstone
Jurassic	Jv	V V V V	trachyte-dacite, trachyrhyolite
	P	V V V V	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		luffaceous conglomerate, sandstone, siltstone
Devonian	D2f		limestone
	D2	Δ Δ Δ Δ	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		granite, granodiorite
	D2d		diorite, gabbro
	D1r		rhyolite, dacite

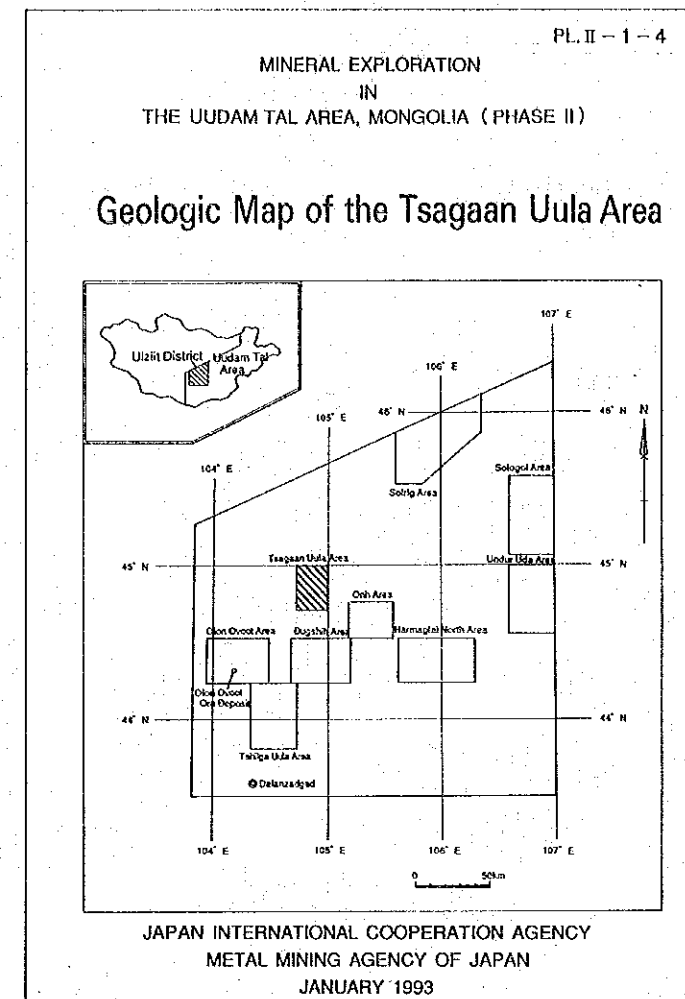
● ore showing

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



• ore showing

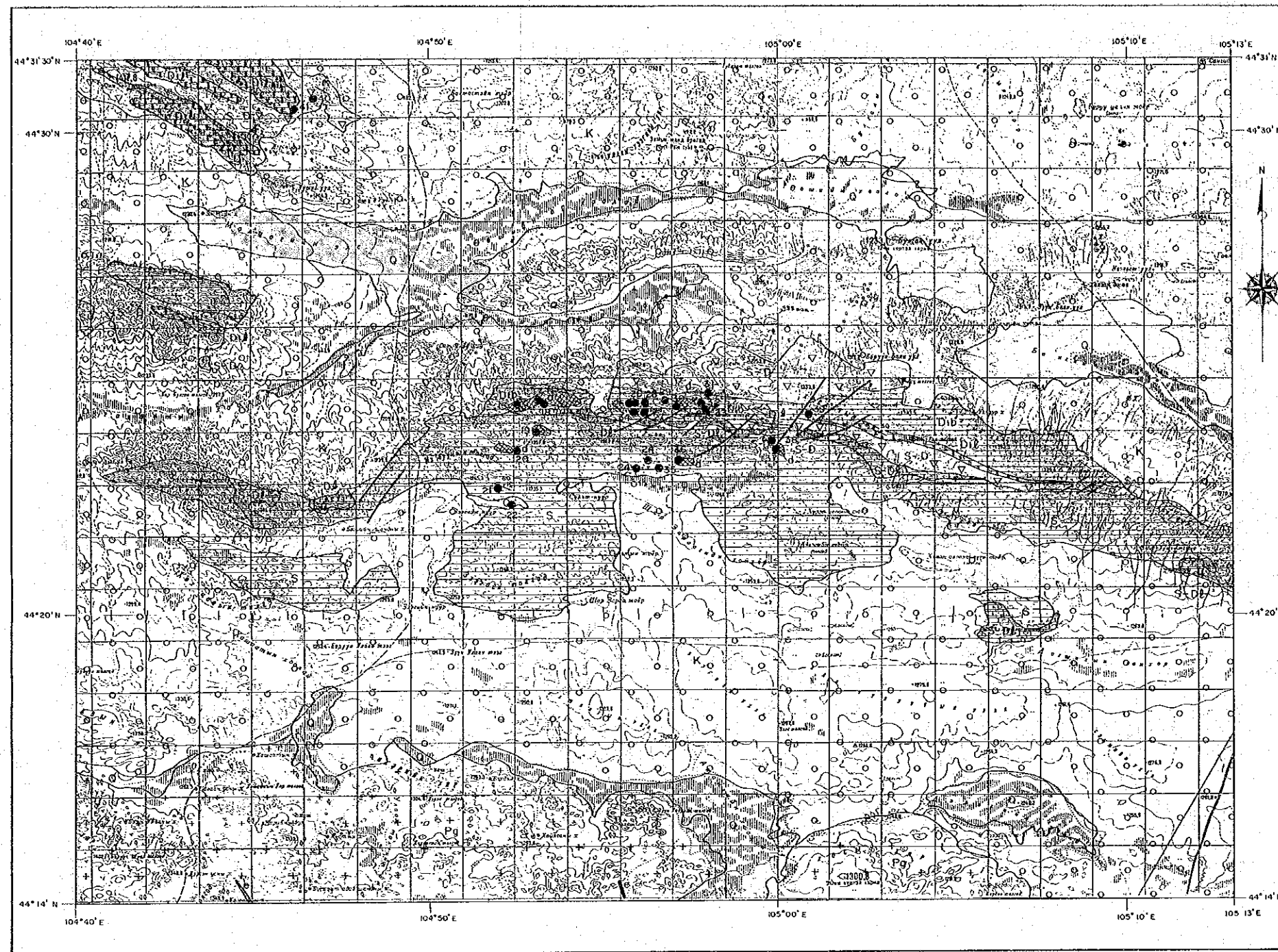
	unit name and boundary
	strike and dip direction
	anticline
	syncline
	fault
	inferred fault
	thrust fault



### LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	▨▨▨▨	conglomerate, siltstone, sandstone
	J-Kv	▨▨▨▨	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	▨▨▨▨	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyrhyolite
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
Ripheian	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	LLLL	rhyolite, quartz porphyry
	C-Pg	▨▨▨▨	granite, granodiorite, granosyenite, diorite
	D2g	XXXX	granite, granodiorite
	D2d	XXXX	diorite, gabbro
	D1r	rrrr	rhyolite, dacite





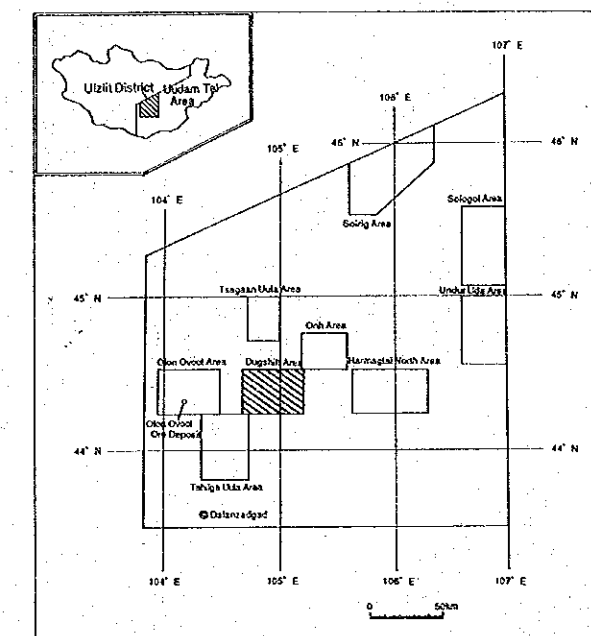
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● ore showing

	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)

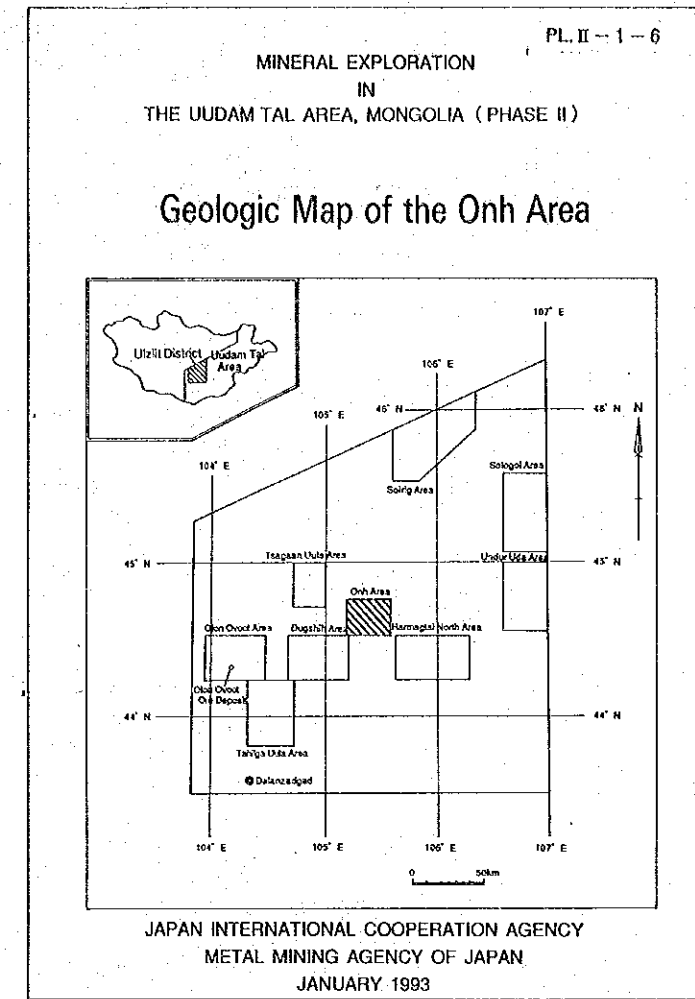
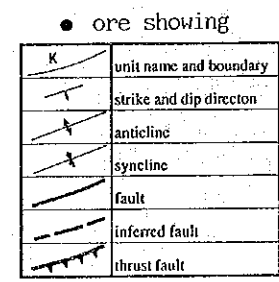
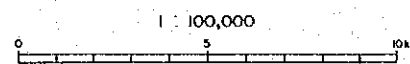
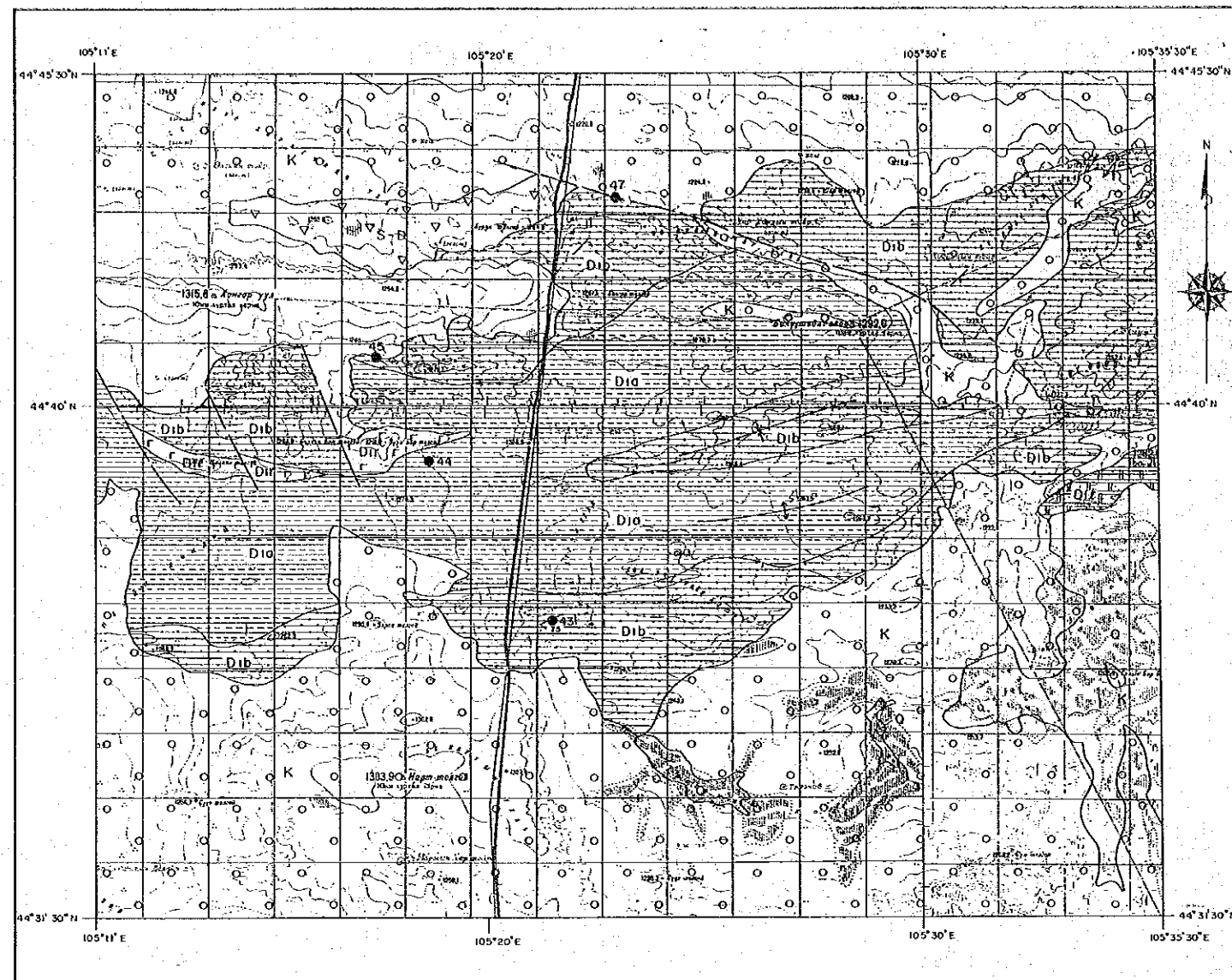
Geologic Map of the Dugshih Area



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	▲▲▲▲	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, trachyrhyolite
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
	R2	▨▨▨▨	quartzite, phyllite, siltstone, sandstone, amphibolite
Ripheian	R1-2	▨▨▨▨	shale, amphibolite, quartzite, phyllite, gneiss
	c	▨▨▨▨	granodiorite porphyry
Intrusive Rocks	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

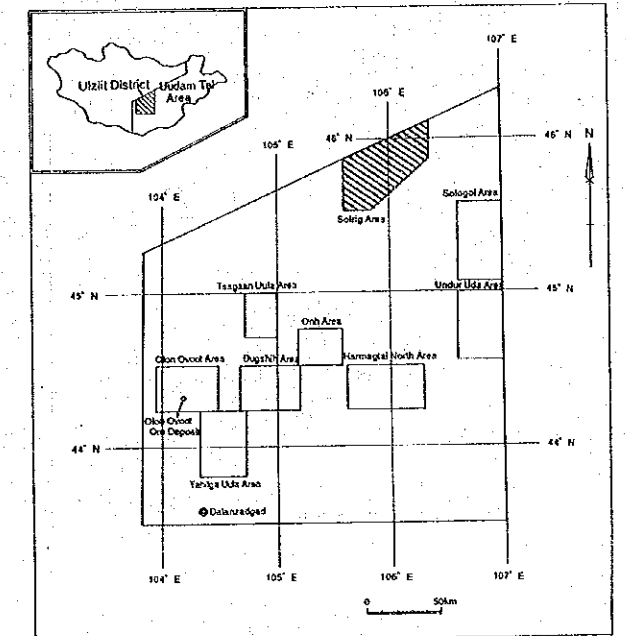


LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	A A A A	olivine basalt
Cretaceous	K	O O O O	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K		conglomeratic, siltstone, sandstone
	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J		conglomerate, siltstone, sandstone
	Jv	V V V V	trachyte-dacite, trachyrhyolite
Permian	P	ψ ψ ψ ψ	trachyte, andesite, trachyandesite, dacite, tuff
Carboniferous-Permian	C-P	ψ ψ ψ ψ	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	c		granodiorite porphyry
	d		diorite, microdiorite, diorite porphyry
	Pg	+++++	granite, granosyenite
	Pr		rhyolite, quartz porphyry
	C-Pg		granite, granodiorite, granosyenite, diorite
	D2g	XXXXX	granite, granodiorite
	D2d	XXXXX	diorite, gabbro
	D1r		rhyolite, dacite

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

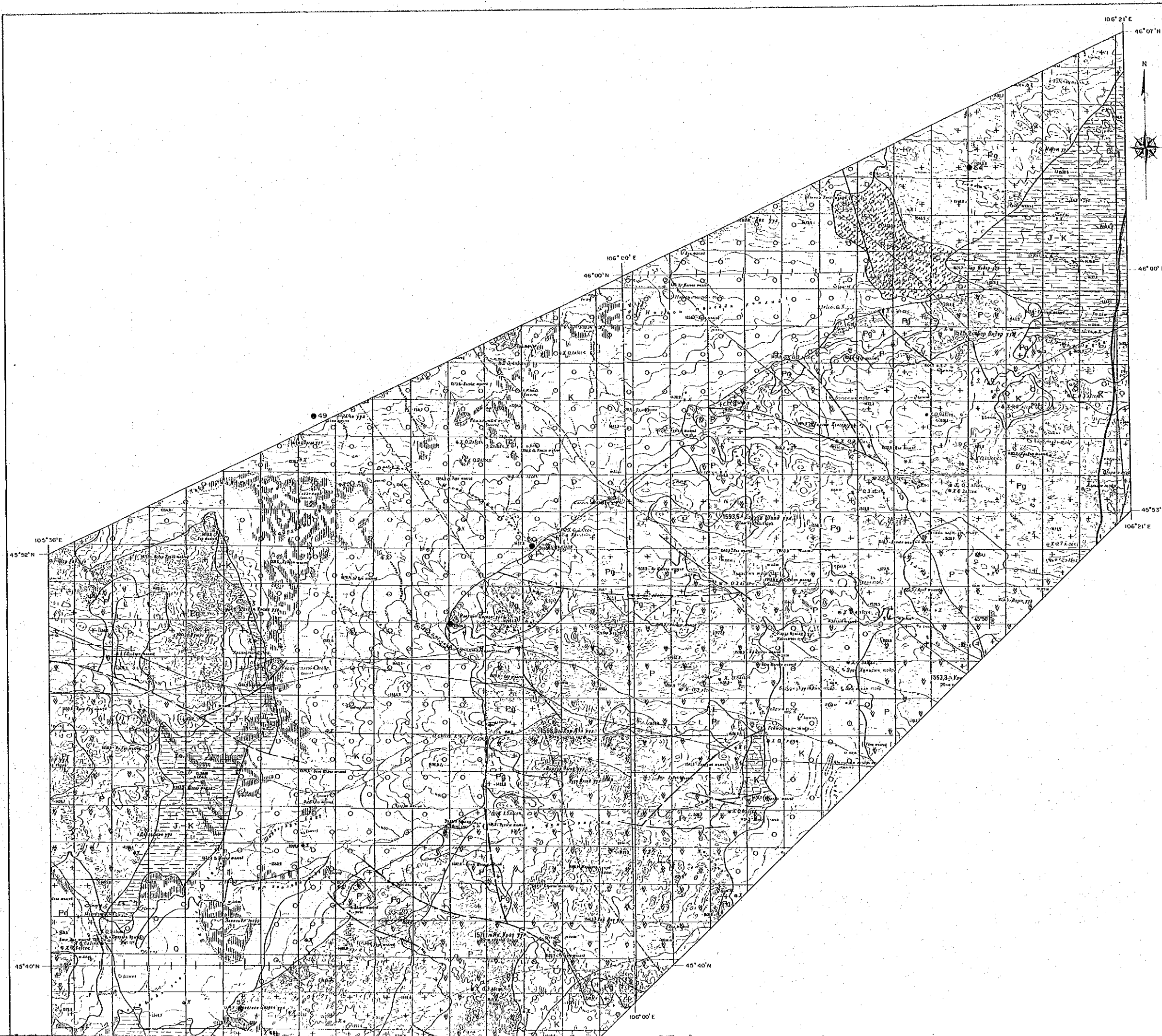
Geologic Map of the Soirig Area



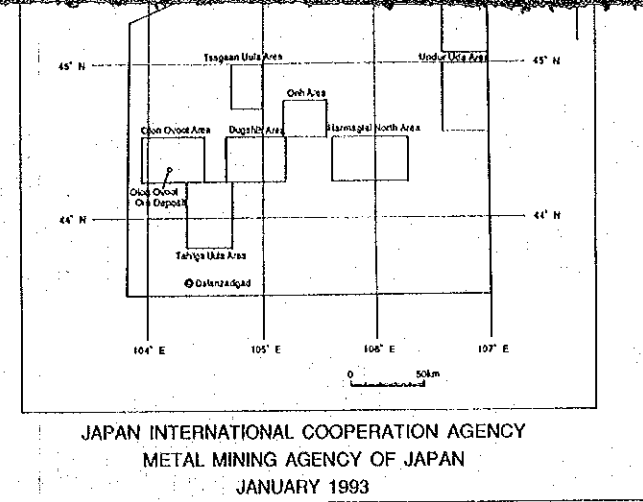
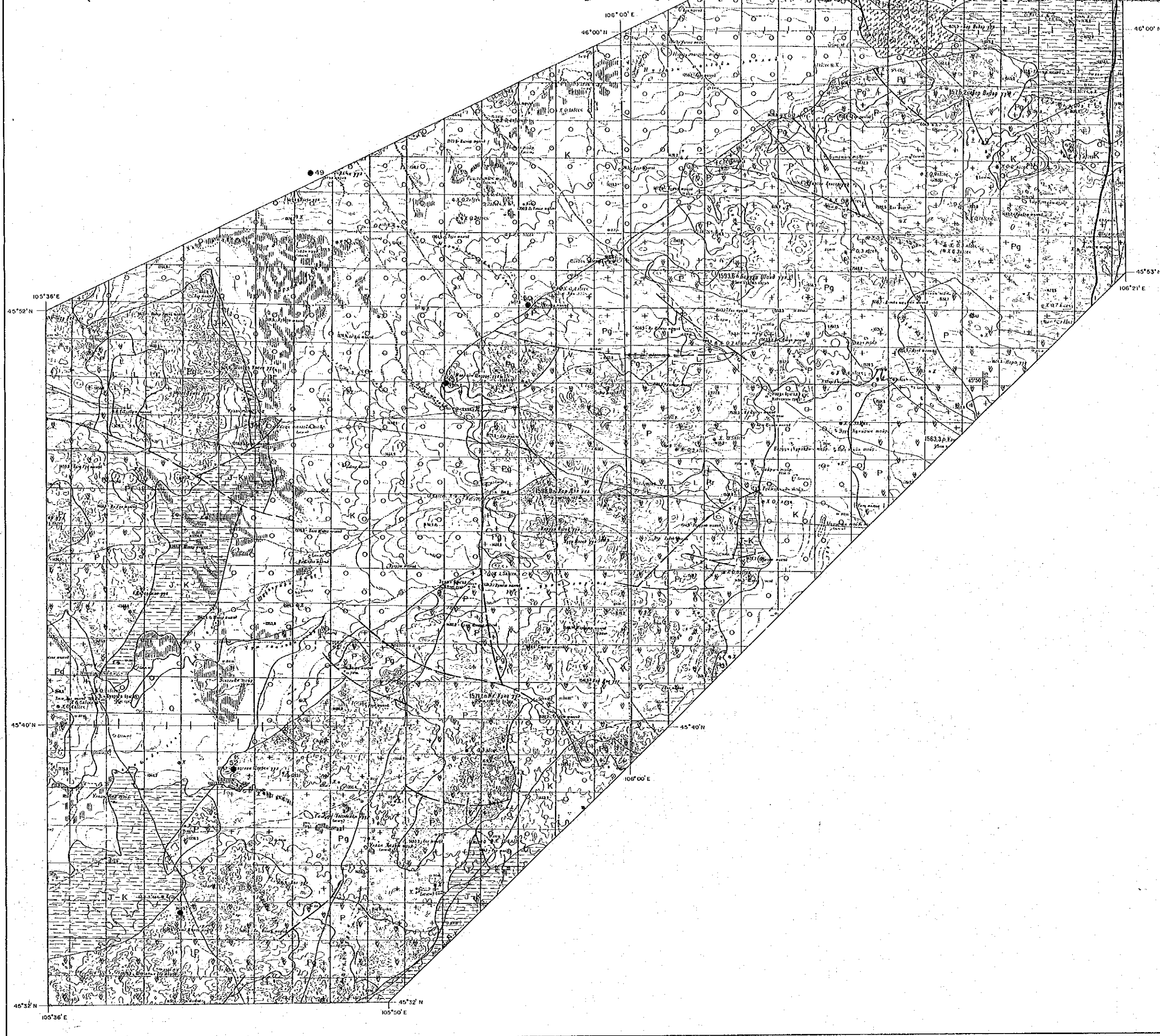
JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1993

LEGEND

Geologic Age	Geologic Unit	Symbol	Rock Types
Quaternary	Q		sand, gravel, loam
Tertiary	Tv	▲▲▲▲	olivine basalt
Cretaceous	K	○○○○	sandstone, siltstone, conglomerate, limestone, coal
Jurassic-Cretaceous	J-K	□□□□	conglomerate, siltstone, sandstone
	J-Kv	▲▲▲▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	□□□□	conglomerate, siltstone, sandstone
	Jv	▽▽▽▽	trachyte-dacite, trachyryholite
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
Riphean	R2	□□□□	quartzite, phyllite, siltstone, sandstone, amphibolite
	R1-2	□□□□	shale, amphibolite, quartzite, phyllite, gneiss
	e	□□□□	granodiorite porphyry
Intrusive Rocks	d	●	diorite, microdiorite, diorite porphyry
	Pg	++++	granite, granosyenite
	Pr	LLLL	rhyolite, quartz porphyry
	C-Pg	XXXX	granite, granodiorite, granosyenite, diorite
	D2g	XXXX	granite, granodiorite
	D2d	XXXX	diorite, gabbro
	D1e	XXXX	rhyolite, dacite







JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
JANUARY 1993

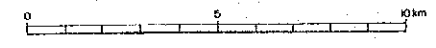
LEGEND

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
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

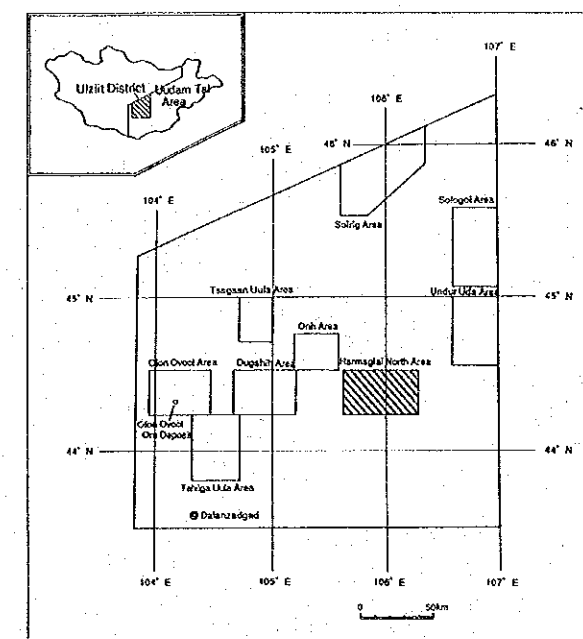
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—	strike and dip direction
—	anticline
—	syncline
—	fault
—	inferred fault
—	thrust fault

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

Geologic Map of the North Harmagtai 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
Jurassic-Cretaceous	J-K	— — — —	conglomerate, siltstone, sandstone
	J-Kv	▲ ▲ ▲ ▲	basalt, trachybasalt-trachyandesite, trachyte
Jurassic	J	— — — —	conglomerate, siltstone, sandstone
	Jv	∇ ∇ ∇ ∇	trachyte-dacite, trachyryholite
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
Silurian-Devonian	D1a	— — — —	shale, siltstone, sandstone
	S-Df	— — — —	limestone
Silurian	S-D	∇ ∇ ∇ ∇	dacite, rhyolite, andesite, tuff, phyllite, shale
	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

