Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)	Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)
RS-109	RB	G	13	2	RS-163	RB	G	119	1
RS-110	RB	G	27	2	RS-164	RB	G	180	2
RS-111	RB	G	74	1	RS-165	RB	G	100	3
RS-112	RB	Ğ	65	2	RS-166	RB	G	197	3
RS-113	RB	Ğ	82	2	RS-167	RB	G	85	3
RS-114	RB	Ğ	23	2	RS-168	RB	G	40	2
RS-115	RB	Ğ	96	ī	RS-169	RB	Ğ	60	2
RS-116	RB	G	43	2	RS-170	RB	G	53	2
RS-117	RB	Ğ	26	1	RS-171	RB	G	68	2
RS-119	RB	Ğ	56	2	RS-172	RB	Ğ	49	2
RS-120	RB	Ğ	64	ĩ	RS-173	RB	Ğ	13	2
RS-121	RB	Ğ	37	1	RS-174	RB	Ğ	8	3
RS-122	RB	G	58	2	RS-175	RB	Ğ	69	3
RS-123	RB	G	51	2	RS-176	RB	Ğ	33	3
RS-124	RB	G	37	2	RS-177	RB	Ğ	7	-2
RS-125	RB	G	122	2	RS-178	RB	Ğ	7	2
RS-126	RB	G	39	2	RS-179	RB	G	11	3
RS-127	RB	G	152	1	RS-182	RB	G	23	3
RS-128	RB	G	142	2	RS-183	RB	G	15	2
RS-129	RB	G	245	1	RS-184	RB	G	7	2
RS-130	RB	G	192	1	RS-185	RB	G	19	2
RS-131	RB	G	326	1	RS-186	RB	G	62	2
RS-132	RB	G	408	1	RS-187	RB	G	57	1
RS-133	RB	G	128	1	RS-188	RB	G	39	2
RS-134	RB	G	35	1	RS-189	RB	G	78	1
RS-135	RB	G	318	1	RS-190	RB	G	92	1
RS-136	RB	G	152	1	RS-191	RB	G	269	1
RS-137	RB	G	124	2	RS-192	RB	G	78	2
RS-138	RB	G	188	1	RS-193	RB	S	30	2
RS-139	RB	G	83	4	RS-194	RB	S	151	2
RS-140	RB	G	62	3	RS-195	RB	S	50	2
RS-141	RB	G	428	1	RS-196	RB	S	52	2
RS-142	RB	G	231	4	RS-197	RB	S	26	2
RS-143	RB	G	349	5	RS-198	RB	S	79	2
RS-144	R.B	G	487	7	RS-199	RB	S	45	1
RS-145	RB	G	310	7	RS-200	RB	S	16	2
RS-146	RB	G	727	9	RS-201	RB	G	88	2
RS-147	RB	G	326	5	RS-202	RB	G	142	3
RS-148	RB	G	164	3 2	RS-203	RB	G	170	2
RS-149	RB	G	72	2	RS-204	RB	G	61	2
RS-150	RB	G	31	2	RS-205	RB	G	83	2
RS-151	RB	G	145	1	RS-206	RB	G	88	3
RS-152	RB	G	427	2	RS-207	RB	Ģ	41	2
RS-153	RB	G	159	2	RS-208	RB	G	30	3
RS-154	RB	G	62	2 2	RS-211	RB	G	19	3 3 2
RS-155	RB	G	91		RS-212	RB	G	26	3
RS-156	RB	G	187	3 2	RS-213	RB	G	43	2
RS-157	RB	G	186		RS-214	RB	G	43	2
RS-158	RB	G	65	3 2	RS-215	RB	G	10	3
RS-159	RB	G	182		RS-216	RB	G	19	3
RS-160	RB	G	134	3	RS-217	RB	G	11	3
RS-161	RB	G	117	2	RS-218	RB	G	43	2
RS-162	RB	G	220	2	RS-220	RB	G	80	2

RS-221 RB G 34 2 RS-275 RB G 123 2 RS-222 RB G 34 2 RS-276 RB G 123 2 RS-224 RB G 34 2 RS-276 RB G 123 2 RS-224 RB G 32 2 RS-225 RB G 32 2 RS-226 RB G 32 2 RS-277 RB G 105 2 RS-278 RB G 155 3 RS-227 RB G 105 2 RS-278 RB G 155 3 RS-227 RB G 105 2 RS-280 RB G 25 2 RS-229 RB G 23 2 RS-280 RB G 25 2 RS-229 RB G 23 2 RS-229 RB G 244 1 RS-285 RB G 9 2 RS-231 RB G 244 1 RS-285 RB G 9 2 RS-231 RB G 244 1 RS-285 RB G 9 2 RS-231 RB G 244 1 RS-285 RB G 9 2 RS-231 RB G 244 1 RS-285 RB G 9 2 RS-231 RB G 244 1 RS-287 RB G 145 2 RS-231 RB G 145 2 RS-285 RB G 3 32 RS-228 RB G 2 RS-238 RB G 3 32 RS-228 RB G 2 RS-238 RB G 3 32 RS-228 RB G 2 RS-238 RB G 3 32 RS-238 RB G 3 32 RS-239 RB G 325 RS-238 RB G 6 40 2 RS-297 RB G 102 2 RS-238 RB G 6 40 2 RS-298 RB G 233 4 RS-285 RB G 6 40 2 RS-299 RB G 102 2 RS-238 RB G 6 40 2 RS-299 RB G 102 2 RS-238 RB G 6 40 2 RS-299 RB G 102 2 RS-238 RB G 6 40 2 RS-299 RB G 102 2 RS-240 RB G 155 1 RS-299 RB G 104 2 RS-240 RB G 157 1 RS-299 RB G 104 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-299 RB G 39 2 RS-244 RB G 148 RS-301 RB G 4 1 RS-255 RB G 141 1 RS-249 RB G 156 1 RS-306 RB G 44 1 RS-255 RB G 141 1 RS-249 RB G 148 RS-257 RB G 144 1 RS-255 RB G 144 1 RS-255 RB G 144 1 RS-255 RB G 144 1 RS-256 RB G 18 1 RS-310 RB G 4 4 RS-256 RB G 18 1 RS-310 RB G 4 4 RS-256 RB G 144 1 RS-256 RB G 144 1 RS-257 RB G 144 1 RS-256 RB G 144 1 RS-257 RB G 144 1 RS-256 RB G 144 1 RS-256 RB G 144 1 RS-257 RB G 144 1 RS-256 RB G 144 1 RS-257 RB G 144 1 RS-256 RB G 144 1 RS-257 RB	Sample	Locality	Geology	Assay	Value	Sample	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)
RS-222 RB G 34 2 RS-276 RB G 123 2 RS-227 RB G 46 2 RS-228 RB G 46 2 RS-277 RB G 6 2 RS-225 RB G 32 2 RS-277 RB G 6 5 3 RS-277 RB G 6 2 RS-227 RB G 6 32 RS-278 RB G 6 5 3 RS-277 RB G 105 2 RS-288 RB G 5 5 3 RS-277 RB G 105 2 RS-288 RB G 25 2 RS-229 RB G 268 2 RS-288 RB G 25 2 RS-229 RB G 23 2 RS-288 RB G 3 2 RS-229 RB G 23 2 RS-288 RB G 3 2 RS-229 RB G 249 1 RS-288 RB G 3 2 RS-231 RB G 114 2 RS-231 RB G 244 1 RS-286 RB G 9 2 RS-231 RB G 244 1 RS-286 RB G 9 2 RS-231 RB G 244 1 RS-288 RB G 8 1 RS-283 RB G 8 1 RS-283 RB G 1 1 2 RS-231 RB G 240 2 RS-231 RB G 240 2 RS-232 RB RB G 3 1 RS-288 RB G 8 1 RS-283 RB G 1 1 2 RS-231 RB G 115 1 RS-288 RB G 8 1 RS-283 RB G 1 1 2 RS-231 RB G 115 1 RS-288 RB G 8 1 RS-283 RB G 1 1 2 RS-231 RB G 1 15 1 RS-288 RB G 8 1 RS-231 RB G 1 15 1 RS-288 RB G 8 1 RS-231 RB G 1 15 1 RS-299 RB G 1002 2 RS-237 RB G 155 1 RS-299 RB G 1002 2 RS-239 RB G 233 4 RS-239 RB G 215 1 RS-299 RB G 1002 2 RS-241 RB G 155 1 RS-296 RB G 1004 RS-241 RB G 113 2 RS-298 RB G 1004 RS-241 RB G 113 2 RS-299 RB G 1004 RS-241 RB G 154 RS-299 RB G 1004 RS-244 RB G 154 RS-299 RB G 1004 RS-244 RB G 154 RS-299 RB G 104 2 RS-244 RB G 154 RS-299 RB G 104 2 RS-244 RB G 154 RS-299 RB G 122 RS-245 RB G 149 2 RS-246 RB G 149 2 RS-246 RB G 149 2 RS-248 RB G 149 1 RS-248 RB G	No.	<u> </u>	_	Cu(ppm)	Mo(ppm)	No.				
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RS-232		RB	G	244		RS-286	RB	G	9	
RS-233 RB G 41 3 RS-288 RB G 325 2 RS-234 RB G 40 2 RS-292 RB G 102 2 RS-236 RB G 165 2 RS-291 RB G 102 2 RS-237 RB G 159 1 RS-292 RB G 176 3 RS-237 RB G 159 1 RS-295 RB G 176 3 RS-239 RB G 46 2 RS-295 RB G 176 3 RS-239 RB G 157 1 RS-296 RB G 104 2 RS-240 RB G 157 1 RS-296 RB G 104 2 RS-240 RB G 113 2 RS-298 RB G 68 2 RS-241 RB G 113 2 RS-298 RB G 68 2 RS-242 RB G 54 1 RS-299 RB G 69 2 RS-243 RB G 52 2 RS-299 RB G 69 2 RS-244 RB G 128 1 RS-299 RB G 69 2 RS-246 RB G 128 1 RS-301 RB G 69 2 RS-246 RB G 128 1 RS-301 RB G 22 RS-246 RB G 128 1 RS-301 RB G 22 RS-246 RB G 128 1 RS-301 RB G 22 RS-248 RB G 128 1 RS-304 RB G 22 RS-249 RB G 30 1 RS-306 RB G 22 RS-249 RB G 30 1 RS-308 RB G 22 RS-258 RB G 30 1 RS-308 RB G 22 RS-258 RB G 30 1 RS-308 RB G 30 1 RS-308 RB G 30 1 RS-308 RB G 31 1 RS-255 RB G 181 1 RS-314 RB G 33 3 RS-255 RB G 141 1 RS-314 RB G 3 5 RS-255 RB G 141 1 RS-314 RB G 3 5 RS-255 RB G 141 1 RS-316 RB G 3 5 RS-257 RB G 10 1 RS-258 RB G 34 2 RS-320 RB G 19 4 RS-258 RB G 10 1 RS-316 RB G 3 5 RS-258 RB G 10 1 RS-316 RB G 3 3 SRS-255 RB G 10 1 RS-316 RB G 3 3 SRS-255 RB G 10 1 RS-316 RB G 3 3 SRS-255 RB G 10 1 RS-316 RB G 3 3 SRS-258 RB G 34 2 RS-320 RB G 22 4 RS-258 RB G 34 2 RS-320 RB G 22 4 RS-258 RB G 34 2 RS-320 RB G 22 4 RS-258 RB G 34 2 RS-320 RB G 22 4 RS-258 RB G 34 2 RS-320 RB G 22 4 RS-258 RB G 34 2 RS-320 RB G 34 2 RS-320 RB G 32 4 RS-261 RB G 34 2 RS-326 RB G 34 2 RS-328 RB G 34 4 RS-266 RB G 34 2 RS-328 RB G 34 4 RS-266 RB G 34 2 RS-328 RB G 34 4 RS-266 RB G 34 8 SR-338 RB G 34 4 RS-268 RB G 36 13 RS-337 RB G 6 100 1 RS-270 RB G 66 5 RS-268 RB G 6 104 2 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-333 RB S 95 1 RS-271 RB G 6 202 3 RS-33		RB	G	115	1	RS-287	RB	G	1	2
RS-234 RB         G         41         3         RS-291 RB         G         325         2           RS-235 RB         G         40         2         RS-292 RB         G         102         2           RS-237 RB         G         165         2         RS-293 RB         G         233         4           RS-237 RB         G         159         1         RS-294 RB         G         176         3           RS-238 RB         G         46         2         RS-295 RB         G         104         2           RS-240 RB         G         157         1         RS-296 RB         G         104         2           RS-241 RB         G         113         2         RS-299 RB         G         45         2           RS-243 RB         G         54         1         RS-299 RB         G         39         2           RS-244 RB         G         128         1         RS-300 RB         G         69         2           RS-246 RB         G         149         2         RS-302 RB         G         12         2           RS-247 RB         G         30         1         RS-304 RB         G			G	200		RS-288	RB	G	8	
RS-235   RB					3	1	RB	G	325	2
RS-236					2				102	2
RS-237 RB G 159 1 RS-294 RB G 176 3 RS-238 RB G 46 2 RS-295 RB G 104 2 RS-240 RB G 157 1 RS-296 RB G 104 2 RS-241 RB G 113 2 RS-297 RB G 68 2 RS-241 RB G 113 2 RS-298 RB G 45 2 RS-241 RB G 113 2 RS-298 RB G 45 2 RS-243 RB G 52 2 RS-244 RB G 52 2 RS-244 RB G 128 1 RS-299 RB G 69 2 RS-245 RB G 149 2 RS-300 RB G 69 2 RS-245 RB G 128 1 RS-301 RB G 12 RS-245 RB G 128 1 RS-302 RB G 12 RS-246 RB G 128 1 RS-304 RB G 22 RS-247 RB G 30 1 RS-306 RB G 12 RS-248 RB G 26 1 RS-304 RB G 22 RS-248 RB G 18 1 RS-306 RB G 81 1 RS-249 RB G 18 1 RS-310 RB G 61 2 RS-251 RB G 141 1 RS-310 RB G 61 2 RS-251 RB G 141 1 RS-310 RB G 61 2 RS-252 RB G 141 1 RS-310 RB G 61 2 RS-255 RB G 141 1 RS-314 RB G 3 3 5 RS-255 RB G 25 1 RS-316 RB G 3 3 5 RS-255 RB G 25 1 RS-316 RB G 3 3 5 RS-257 RB G 10 1 RS-316 RB G 92 5 RS-259 RB G 10 1 RS-321 RB G 19 4 RS-257 RB G 10 1 RS-321 RB G 19 4 RS-257 RB G 10 1 RS-321 RB G 19 4 RS-257 RB G 10 1 RS-321 RB G 19 4 RS-258 RB G 146 1 RS-322 RB G 2 4 RS-259 RB G 141 RS-321 RB G 19 4 RS-256 RB G 142 1 RS-325 RB G 124 1 RS-321 RB G 19 4 RS-256 RB G 144 1 RS-322 RB G 92 5 RS-259 RB G 144 1 RS-321 RB G 92 5 RS-259 RB G 144 1 RS-322 RB G 92 5 RS-259 RB G 144 1 RS-325 RB G 19 4 RS-266 RB G 131 2 RS-326 RB G 24 1 RS-327 RB G 206 S RS-268 RB G 6 104 2 RS-333 RB S 95 5 1 RS-268 RB G 6 66 5 RS-268 RB G 6 104 2 RS-333 RB S 95 5 1 RS-270 RB G 66 3 RS-335 RB S 151 1 RS-271 RB G 66 2 2 RS-327 RB G 66 5 RS-268 RB G 6 104 2 RS-333 RB S 95 5 1 RS-270 RB G 66 3 RS-335 RB S 151 1 RS-271 RB G 666 3 RS-337 RB G 6 100 1 RS-271 RB G 666 3 RS-337 RB G 6 100 1 RS-271 RB G 666 3 RS-338 RB S 85 5 151 1 RS-271 RB G 666 3 RS-					2				1	
RS-240         RB         G         157         1         RS-297         RB         G         68         2           RS-241         RB         G         113         2         RS-298         RB         G         45         2           RS-242         RB         G         54         1         RS-299         RB         G         39         2           RS-243         RB         G         52         2         RS-300         RB         G         69         2           RS-245         RB         G         149         2         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2         2           RS-246         RB         G         18         1         RS-306         RB         G         48         1         1         RS-310         RB         G         61         1         2         RS-325         RB         G         18         1				1		•				
RS-240         RB         G         157         1         RS-297         RB         G         68         2           RS-241         RB         G         113         2         RS-298         RB         G         45         2           RS-242         RB         G         54         1         RS-299         RB         G         39         2           RS-243         RB         G         52         2         RS-300         RB         G         69         2           RS-245         RB         G         149         2         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2         2           RS-246         RB         G         18         1         RS-306         RB         G         48         1         1         RS-310         RB         G         61         1         2         RS-325         RB         G         18         1		t .				1	l			3
RS-240         RB         G         157         1         RS-297         RB         G         68         2           RS-241         RB         G         113         2         RS-298         RB         G         45         2           RS-242         RB         G         54         1         RS-299         RB         G         39         2           RS-243         RB         G         52         2         RS-300         RB         G         69         2           RS-245         RB         G         149         2         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2           RS-245         RB         G         128         1         RS-301         RB         G         12         2         2           RS-246         RB         G         18         1         RS-306         RB         G         48         1         1         RS-310         RB         G         61         1         2         RS-325         RB         G         18         1	i .						l			2
RS-241         RB         G         113         2         RS-298         RB         G         45         2           RS-242         RB         G         54         1         RS-299         RB         G         39         2           RS-244         RB         G         52         2         RS-300         RB         G         69         2           RS-245         RB         G         149         2         RS-302         RB         G         12         2           RS-246         RB         G         128         1         RS-304         RB         G         22         2           RS-247         RB         G         30         1         RS-306         RB         G         81         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-252         RB         G         141         1         RS-312         RB         G         23         2           RS-252							l			
RS-242         RB         G         54         1         RS-299         RB         G         39         2           RS-243         RB         G         52         2         RS-300         RB         G         69         2           RS-244         RB         G         128         1         RS-301         RB         G         4         1           RS-245         RB         G         149         2         RS-302         RB         G         12         2           RS-246         RB         G         128         1         RS-304         RB         G         22         2           RS-247         RB         G         30         1         RS-306         RB         G         81         1           RS-248         RB         G         26         1         RS-308         RB         G         48         1           RS-248         RB         G         18         1         RS-308         RB         G         48         1           RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-253	i						I			2
RS-243         RB         G         52         2         RS-300         RB         G         69         2           RS-245         RB         G         149         2         RS-301         RB         G         4         1           RS-246         RB         G         149         2         RS-302         RB         G         12         2           RS-246         RB         G         30         1         RS-306         RB         G         22         2           RS-248         RB         G         26         1         RS-308         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-310         RB         G         61         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-255		1					l		L.	2
RS-244         RB         G         128         1         RS-301         RB         G         4         1           RS-245         RB         G         149         2         RS-302         RB         G         12         2           RS-247         RB         G         128         1         RS-306         RB         G         22         2           RS-247         RB         G         26         1         RS-306         RB         G         81         1           RS-248         RB         G         26         1         RS-308         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-312         RB         G         61         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         25         1         RS-318         RB         G         33         3           RS-255										2
RS-245         RB         G         149         2         RS-302         RB         G         12         2           RS-246         RB         G         128         1         RS-304         RB         G         22         2           RS-248         RB         G         26         1         RS-306         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-314         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256		F .			1		I			
RS-246         RB         G         128         1         RS-304         RB         G         22         2           RS-247         RB         G         30         1         RS-306         RB         G         81         1           RS-248         RB         G         26         1         RS-3010         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-252         RB         G         156         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         24         RS-319         RB         G         19         4           RS-256         RB							1			
RS-247         RB         G         30         1         RS-306         RB         G         81         1           RS-248         RB         G         26         1         RS-308         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-310         RB         G         61         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         25         1         RS-319         RB         G         19         4           RS-257	4									2
RS-248         RB         G         26         1         RS-308         RB         G         48         1           RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-316         RB         G         19         4           RS-256         RB         G         34         2         RS-320         RB         G         15         6           RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258										
RS-249         RB         G         18         1         RS-310         RB         G         61         2           RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         25         1         RS-319         RB         G         19         4           RS-257         RB         G         10         1         RS-319         RB         G         15         6           RS-258         RB         G         24         1         RS-321         RB         G         15         6           RS-259										1 1
RS-251         RB         G         18         1         RS-312         RB         G         23         2           RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         34         2         RS-319         RB         G         19         4           RS-257         RB         G         10         1         RS-321         RB         G         2         4           RS-258         RB         G         65         1         RS-322         RB         G         92         5           RS-259         RB         G         65         1         RS-324         RB         G         124         4           RS-261		1								1 2
RS-252         RB         G         141         1         RS-314         RB         G         4         4           RS-253         RB         G         156         1         RS-316         RB         G         3         5           RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         34         2         RS-320         RB         G         2         4           RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258         RB         G         24         1         RS-321         RB         G         15         6           RS-259         RB         G         65         1         RS-322         RB         G         92         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-262	1	Į.								2 2
RS-253 RB G 156 1 RS-316 RB G 33 5 RS-254 RB G 47 2 RS-318 RB RB G 33 3 RS-255 RB G 25 1 RS-319 RB G 19 4 RS-256 RB G 34 2 RS-320 RB G 2 4 RS-257 RB G 10 1 RS-321 RB G 15 6 RS-258 RB G 24 1 RS-321 RB G 92 5 RS-259 RB G 65 1 RS-322 RB G 92 5 RS-260 RB G 146 1 RS-325 RB G 124 4 RS-261 RB G 131 2 RS-325 RB G 216 4 RS-262 RB G 142 1 RS-325 RB G 216 4 RS-262 RB G 142 1 RS-327 RB G 206 5 RS-263 RB G 72 2 RS-328 RB G 243 4 RS-264 RB G 61 2 RS-329 RB G 243 4 RS-265 RB G 80 3 RS-330 RB G 805 4 RS-266 RB G 21 3 RS-331 RB G 66 5 RS-266 RB G 21 3 RS-331 RB G 66 5 RS-266 RB G 21 3 RS-331 RB G 66 5 RS-266 RB G 22 RS-332 RB G 66 5 RS-266 RB G 21 RS-327 RB G 66 5 RS-266 RB G 21 RS-333 RB G 641 C RS-266 RB G 66 SRS-266 RB RB G 66 SRS-266 RB RB G 66 SRS-266 RB RB RS-266 R	1	1								2
RS-254         RB         G         47         2         RS-318         RB         G         33         3           RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         34         2         RS-320         RB         G         2         4           RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258         RB         G         24         1         RS-321         RB         G         15         6           RS-258         RB         G         65         1         RS-322         RB         G         92         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263	1						l .			
RS-255         RB         G         25         1         RS-319         RB         G         19         4           RS-256         RB         G         34         2         RS-320         RB         G         2         4           RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258         RB         G         24         1         RS-321         RB         G         92         5           RS-259         RB         G         65         1         RS-322         RB         G         92         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         61         2         RS-328         RB         G         243         4           RS-264 <td></td>										
RS-256         RB         G         34         2         RS-320         RB         G         2         4           RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258         RB         G         24         1         RS-322         RB         G         92         5           RS-259         RB         G         65         1         RS-324         RB         G         92         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265 <td></td>										
RS-257         RB         G         10         1         RS-321         RB         G         15         6           RS-258         RB         G         24         1         RS-322         RB         G         92         5           RS-259         RB         G         65         1         RS-324         RB         G         9         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-325         RB         G         216         4           RS-262         RB         G         142         1         RS-326         RB         G         216         4           RS-263         RB         G         72         2         RS-327         RB         G         206         5           RS-264         RB         G         61         2         RS-328         RB         G         243         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266 </td <td></td> <td>i .</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		i .								
RS-258         RB         G         24         1         RS-322         RB         G         92         5           RS-259         RB         G         65         1         RS-324         RB         G         92         5           RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-328         RB         G         805         4           RS-265         RB         G         80         3         RS-329         RB         G         805         4           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267<		1								
RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-26								1		
RS-260         RB         G         146         1         RS-325         RB         G         124         4           RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-26										5
RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269	RS-259	RB		65	1 1					
RS-261         RB         G         131         2         RS-326         RB         G         216         4           RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269	RS-260	RB			1	RS-325	RB			
RS-262         RB         G         142         1         RS-327         RB         G         206         5           RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271<	RS-261	RB.		131	2	RS-326	RB			
RS-263         RB         G         72         2         RS-328         RB         G         243         4           RS-264         RB         G         61         2         RS-329         RB         G         805         4           RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         66         3         RS-336         RB         G         46         2           RS-272 <td>RS-262</td> <td>RB</td> <td>G</td> <td>142</td> <td>1</td> <td>RS-327</td> <td>RB</td> <td>G</td> <td>206</td> <td></td>	RS-262	RB	G	142	1	RS-327	RB	G	206	
RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2	RS-263	RB		72	2	RS-328	RB	G	243	
RS-265         RB         G         80         3         RS-330         RB         G         441         6           RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2				61	2	RS-329	RB	G	805	4
RS-266         RB         G         21         3         RS-331         RB         G         66         5           RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2			G	80	3	RS-330	RB	G	441	6
RS-267         RB         G         42         2         RS-332         RB         G         164         2           RS-268         RB         G         104         2         RS-333         RB         S         95         1           RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2					3		1			
RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2					2					2
RS-269         RB         G         25         2         RS-334         RB         S         106         1           RS-270         RB         G         36         3         RS-335         RB         S         151         1           RS-271         RB         G         202         3         RS-336         RB         G         46         2           RS-272         RB         G         66         3         RS-337         RB         G         100         1           RS-273         RB         G         108         3         RS-338         RB         S         85         2					2					1
RS-270   RB   G   36   3   RS-335   RB   S   151   1					2					1
RS-272   RB   G   66   3   RS-337   RB   G   100   1   RS-273   RB   G   108   3   RS-338   RB   S   85   2					, 3					
RS-272   RB   G   66   3   RS-337   RB   G   100   1   RS-273   RB   G   108   3   RS-338   RB   S   85   2					3					2
RS-273 RB G 108 3 RS-338 RB S 85 2					] 3					ī
					3					
(NAMEZIA) ND   19 ( 7/   /    NAMENNE   ND   A	RS-274		Ğ	92	2	RS-339		s	155	l ï

RS-340	Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)	Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)
RS-341			_							
RS-342										2
RS-343										2
RS-344										3
RS-345										1
RS-346										14
RS-347					1					2
RS-348										1
RS-349					2					2
RS-353										2
RS-353										2 2
RS-354										
RS-355         RB         S         56         1         RS-409         RB         S         151           RS-356         RB         G         123         1         RS-410         RB         S         137           RS-357         RB         G         58         2         RS-411         RB         S         81           RS-358         RB         G         58         1         RS-412         RB         S         19           RS-359         RB         G         43         3         RS-412         RB         S         19           RS-360         RB         G         20         1         RS-414         RB         S         8           RS-361         RB         G         20         1         RS-415         RB         S         4           RS-362         RB         G         36         1         RS-416         RB         S         6           RS-363         RB         G         11         2         RS-417         RB         S         11           RS-365         RB         G         160         1         RS-418         RB         S         4	RS-353	RB		51		RS-407	RB			5 .
RS-356	RS-354	RB				RS-408	RB		59	2
RS-357	RS-355	RB	S	56	1	RS-409	RB		151	1
RS-358         RB         G         58         1         RS-412         RB         S         19           RS-359         RB         G         43         3         RS-413         RB         S         39           RS-360         RB         G         20         1         RS-414         RB         S         8           RS-361         RB         G         9         4         RS-415         RB         S         4           RS-362         RB         G         36         1         RS-416         RB         S         6           RS-363         RB         G         11         2         RS-417         RB         S         11           RS-364         RB         G         14         3         RS-418         RB         S         4           RS-365         RB         G         160         1         RS-419         RB         S         9           RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         32         1         RS-422         RB         G         143	RS-356	RB	G	123	1	RS-410	RB	S	137	1
RS-359         RB         G         43         3         RS-413         RB         S         39           RS-360         RB         G         20         1         RS-414         RB         S         8           RS-361         RB         G         9         4         RS-415         RB         S         4           RS-362         RB         G         36         1         RS-416         RB         S         6           RS-363         RB         G         11         2         RS-417         RB         S         11           RS-364         RB         G         14         3         RS-418         RB         S         4           RS-365         RB         G         160         1         RS-419         RB         S         9           RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143	RS-357	RB	G	58	2	RS-411	RB	S	81	2
RS-359	RS-358	RB	G	58	1	RS-412	RB	S	19	4
RS-360         RB         G         20         1         RS-414         RB         S         8           RS-361         RB         G         9         4         RS-415         RB         S         4           RS-362         RB         G         36         1         RS-416         RB         S         6           RS-363         RB         G         11         2         RS-417         RB         S         11           RS-364         RB         G         14         3         RS-418         RB         S         4           RS-365         RB         G         160         1         RS-419         RB         S         9           RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-424         RB         G         59	RS-359	RB	G	43		RS-413	RB	S		2
RS-361	RS-360	RB	G	20		RS-414	RB			5
RS-362   RB   G   36		RB	G							2
RS-363         RB         G         11         2         RS-417         RB         S         11           RS-364         RB         G         14         3         RS-418         RB         S         4           RS-365         RB         G         160         1         RS-419         RB         S         9           RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-424         RB         G         59           RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-426         RB         G         112           RS-373         RB         G         145         1         RS-427         RB         G         162										2
RS-364         RB         G         14         3         RS-418         RB         S         4           RS-365         RB         G         160         1         RS-419         RB         S         9           RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-423         RB         G         143           RS-370         RB         G         203         1         RS-424         RB         G         59           RS-372         RB         G         302         1         RS-425         RB         G         112           RS-373         RB         G         145         1         RS-426         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         16										2
RS-365		1								2
RS-366         RB         G         82         1         RS-421         RB         S         33           RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-424         RB         G         59           RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-425         RB         G         112           RS-373         RB         G         145         1         RS-426         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         162           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         143         1         RS-430         RB         S         137										1
RS-367         RB         G         22         2         RS-422         RB         G         83           RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-424         RB         G         59           RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-425         RB         G         112           RS-373         RB         G         145         1         RS-426         RB         G         112           RS-374         RB         G         64         1         RS-427         RB         G         162           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         189         1         RS-430         RB         S         137           RS-378         RB         G         117         1         RS-432         RB         S         68									1	2
RS-368         RB         G         32         1         RS-423         RB         G         143           RS-369         RB         G         7         2         RS-424         RB         G         59           RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-426         RB         G         112           RS-373         RB         G         145         1         RS-426         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         162           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         189         1         RS-430         RB         S         137           RS-377         RB         G         143         1         RS-431         RB         S         118           RS-378         RB         G         151         1         RS-432         RB         S         68		I								2
RS-369         RB         G         7         2         RS-424         RB         G         59           RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-426         RB         G         112           RS-373         RB         G         145         1         RS-427         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         16           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         189         1         RS-430         RB         S         137           RS-377         RB         G         143         1         RS-431         RB         S         118           RS-378         RB         G         117         1         RS-432         RB         S         68           RS-379         RB         G         151         1         RS-433         RB         S         31		I i								2
RS-370         RB         G         203         1         RS-425         RB         G         112           RS-372         RB         G         302         1         RS-426         RB         G         112           RS-373         RB         G         145         1         RS-427         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         16           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         189         1         RS-430         RB         S         137           RS-377         RB         G         143         1         RS-431         RB         S         118           RS-378         RB         G         151         1         RS-432         RB         S         68           RS-379         RB         G         151         1         RS-433         RB         S         31		I								9
RS-372         RB         G         302         1         RS-426         RB         G         112           RS-373         RB         G         145         1         RS-427         RB         G         162           RS-374         RB         G         64         1         RS-428         RB         G         16           RS-375         RB         G         26         1         RS-429         RB         S         121           RS-376         RB         G         189         1         RS-430         RB         S         137           RS-377         RB         G         143         1         RS-431         RB         S         118           RS-378         RB         G         117         1         RS-432         RB         S         68           RS-379         RB         G         151         1         RS-433         RB         S         31		ł I								1
RS-373   RB   G   145   1   RS-427   RB   G   162   RS-374   RB   G   64   1   RS-428   RB   G   16   RS-375   RB   G   26   1   RS-429   RB   S   121   RS-376   RB   G   189   1   RS-430   RB   S   137   RS-377   RB   G   143   1   RS-431   RB   S   118   RS-378   RB   G   117   1   RS-432   RB   S   68   RS-379   RB   G   151   1   RS-433   RB   S   31										3
RS-374   RB   G   64   1   RS-428   RB   G   16   RS-375   RB   G   26   1   RS-429   RB   S   121   RS-376   RB   G   189   1   RS-430   RB   S   137   RS-377   RB   G   143   1   RS-431   RB   S   118   RS-378   RB   G   117   1   RS-432   RB   S   68   RS-379   RB   G   151   1   RS-433   RB   S   31										3
RS-375   RB   G   26   1   RS-429   RB   S   121   RS-376   RB   G   189   1   RS-430   RB   S   137   RS-377   RB   G   143   1   RS-431   RB   S   118   RS-378   RB   G   117   1   RS-432   RB   S   68   RS-379   RB   G   151   1   RS-433   RB   S   31										3
RS-376   RB   G   189   1   RS-430   RB   S   137   RS-377   RB   G   143   1   RS-431   RB   S   118   RS-378   RB   G   117   1   RS-432   RB   S   68   RS-379   RB   G   151   1   RS-433   RB   S   31		•					l i			2
RS-377   RB   G   143   1   RS-431   RB   S   118   RS-378   RB   G   117   1   RS-432   RB   S   68   RS-379   RB   G   151   1   RS-433   RB   S   31		1								2
RS-378 RB G 117 1 RS-432 RB S 68 RS-379 RB G 151 1 RS-433 RB S 31										1
RS-379 RB G 151 1 RS-433 RB S 31										3
RS-3/9   RB					)					2
					1			S		3
RS-380   RB   G   120   1   RS-434   RB   S   16					1			S		4
RS-381   RB   G   192   1   RS-435   RB   S   118					T			S		2
RS-382   RB   G   9   2   RS-436   RB   S   17					2			S		2
RS-383   RB   G   32   4   RS-437   RB   S   41										5
RS-384   RB   G   117   2   RS-438   RB   S   52   RS-385   RB   G   32   3   RS-439   RB   S   97   RS-386   RB   G   18   3   RS-440   RB   S   43   RS-387   RB   G   2   3   RS-441   RB   S   74   RS-388   RB   G   3   3   RS-442   RB   S   99   RS-389   RB   G   1   2   RS-443   RB   S   16   RS-390   RB   G   4   3   RS-444   RB   S   86   RS-391   RB   G   14   3   RS-445   RB   S   6   RS-392   RB   G   5   2   RS-446   RB   S   16					2			S		3
RS-385   RB   G   32   3   RS-439   RB   S   97		1			3			S		3 2 2
RS-386   RB   G   18   3   RS-440   RB   S   43		1			3					2
RS-387   RB   G   2   3   RS-441   RB   S   74				2	3			S		2
RS-388   RB   G   3   RS-442   RB   S   99		1		3	3					1
RS-389 RB G 1 2 RS-443 RB S 16					2			S		2
RS-390 RB G 4 3 RS-444 RB S 86					] 3		RB			3
RS-391   RB   G   14   3   RS-445   RB   S   6					] 3	RS-445	RB			2
	RS-392	RB		5		RS-446		S	16	2
RS-393 RB G 33 1 RS-447 RB S 10	RS-393	RB	G	33	1					2
RS-394 RB G 1 2 RS-448 RB S 64	RS-394	RB	G	1	2				64	1
RS-395 RB G 5 3 RS-449 RB S 13		RB		5	3					2

Sample	Locality	Geology	Assay	Value	Sample	Locality	Geology	Assay	Value
140.				Mo(ppm)	No.			Cu(ppm)	Mo(ppm)
RS-450	RB	S	20	2	RS-511	RB	G	990	14
RS-451	RB	G	762	9	RS-512	RB	G	278	4
RS-452	RB	G	326	7	RS-513	RB	G	54	3
RS-453	RB	G	461	13	RS-514	RB	G	39	4
RS-454	RB	G	235	8	RS-515	RB	G	209	6
RS-455	RB	G	81	4	RS-516	RB	G	120	3
RS-456	RB	G	824	3	RS-517	RB	G	175	5
RS-457	RB	G	76	2	RS-518	RB	G	335	8
RS-458	RB	G	121	3	RS-519	RB	G	210	4
RS-459	RB	G	75	3	RS-520	RB	G	315	4
RS-460	RB	G	155	2	RS-521	RB	G	310	3
RS-461	RB	G	55	2	RS-522	RB	G	25	2
RS-462	RB	S	88	2	RS-523	RB	G	189	3
RS-463	RB	S	46	ī	RS-524	RB	Ğ	182	2
RS-464	RB	G	11	3	RS-525	RB	G	79	1
RS-465	RB	Ğ	208	1 1	RS-525	RB	G	615	2
RS-466	RB	G	30	2	RS-527	RB	G		
RS-467	RB	Ğ	20	2		1	G	287	2
RS-468	RB	G	151		RS-528	RB		273	1
				3	RS-529	RB	G	190	2
RS-469	RB	G	259	2	RS-530	RB	G	297	1
RS-470	RB	G	643	1	RS-531	RB	G	94	2
RS-471	RB	G	150	1	RS-532	RB	G	432	5
RS-472	RB	G	176	2	RS-533	RB	G	460	3
RS-473	RB	G	32	2	RS-534	RB	G	39	2
RS-474	RB	G	52	2	RS-535	RB	G	62	2
RS-475	RB	G	36	2	RS-536	RB	G	91	3
RS-476	RB	G	61	1	RS-537	RB	G	155	3
RS-477	RB	G	8	2	RS-538	RB	G	337	3
RS-478	RB	G	6	2	RS-539	RB	G	441	3
RS-479	RB	G	3	2	RS-540	RB	G	31	2
RS-480	RB	G	2	2	RS-541	RB	G	77	2
RS-481	RB	G	10	4	RS-542	RB	Ğ	102	1
RS-482	RB	G	2	2	RS-543	RB	Ğ	94	1
RS-483	RB	Ğ	3	2	RS-544	RB	G	77	2
RS-484	RB	Ğ	3	2	RS-545	RB	G		
RS-485	RB	G	5	4	RS-546	RB	G	193	1 2
RS-486	RB	Ğ	7	1	1			15	
RS-489	RB	Ğ	12	2	RS-547	RB	G	93	3
RS-492	RB	G	68	1	RS-548	RB	G	284	1
	1				RS-549	RB	G	134	2
RS-493	RB	G	16	2	RS-550	RB	G	126	2
RS-494	RB	G	80	3	RS-551	RB	G	95	2
RS-495	RB	G	49	2	RS-552	RB	G	31	2
RS-496	RB	G	79	1	RS-553	RB	G	115	1
RS-498	RB	G	159	1	RS-554	RB	G	29	2
RS-500	RB	G	38	1	RS-555	RB	G	94	2
RS-501	RB	G	27	2	RS-556	RB	G	18	4
RS-502	RB	G	93	2	RS-557	RB	G	35	3
RS-503	RB	G	32	2	RS-558	RB	G	288	7
RS-504	R.B	G	31	, 2	RS-559	RB	G	23	3
RS-505	RB	G	36	2	RS-560	RB	G	8	3
RS-508	RB	G	100	2	RS-561	RB	G	17	2
RS-509	RB	G	1698	4	RS-562	RB	G	15	2
RS-510	RB	Ğ	2501	10	RS-563	RB	G	25	2

Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)	Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)
RS-564	RB	G	45	3	RS-622	RB	G	189	1
RS-565	RB	G	71	2	RS-623	RB	G	114	2
RS-566	RB	G	80	3	RS-624	RB	G	110	2
RS-567	RB	G	17	3	RS-625	RB	G	67	2
RS-568	RB	G	115	2	RS-626	RB .	G	110	2
RS-569	RB	G	38	1	RS-627	RB	G	179	2
RS-570	RB	G	20	3	RS-628	RB	G	163	2
RS-571	RB	G	4	3	RS-629	RB	G	419	1
RS-572	RB	G	4	2	RS-630	RB	G	90	3
RS-573	RB	G	3	2	RS-631	RB	G	40	2
RS-574	RB	G	1	3 2	RS-632	RB	G	14	2
RS-575	RB	G	17	2	RS-633	RB	G	12	3
RS-576	RB	G	5	3	RS-635	RB	G	20	2
RS-577	RB	G	13	2	RS-636	RB	G	38	2
RS-578	RB	G	17	2	RS-637	RB	G	21	·2
RS-579	RB	G	46	1	RS-638	RB	G	11	2
RS-580	RB	G	22	2	RS-639	RB .	G	22	1
RS-581	RB	G	11	2	RS-640	RB	G	6	2
RS-582	RB	G	19	1	RS-641	RB	G	4	2
RS-583	RB	G	23	2	RS-642	RB	G	13	2
RS-584	RB	G	9	2	RS-643	RB	G	10	2
RS-585	RB	G	17	2	RS-644	RB	G	82	1
RS-586	RB	G	254	2	RS-645	RB	G	16	2
RS-587	RB	G	46	3	RS-646	RB	G	19	2
RS-588	RB	G	43	2	RS-647	RB	G	202	2
RS-589	RB	G	6	2	RS-650	RB	G	173	2
RS-590	RB	G	21	2	RS-651	RB	G	173	1
RS-591	RB	G	22	2	RS-652	RB	G	10	2
RS-592	RB	G	11	2	RS-653	RB	G	8	2
RS-593	RB	G	15	3	RS-654	RB	G	59	3
RS-594	RB	G	19	3	RS-655	RB	G	58	2
RS-595	RB	G	13	2	RS-656	RB	G	12	1
RS-596	RB	G	13	3	RS-657	RB	G	4	2
RS-598	RB	G	26	2	RS-658	RB	G	8	3
RS-600	RB	G	103	2	RS-659	RB	G	3	3
RS-601	RB	G	50	2	RS-660	RB	G	8	2
RS-602	RB	G	698	7	RS-661	RB	G	178	1
RS-603	RB	G	137	1	RS-662	RB	G	40	2
RS-604	RB	G	232	2	RS-663	RB	G	120	1
RS-605	RB	G	254	2	RS-664	RB	G	72	2
RS-606	RB	G	179	2	RS-665	RB	G	182	2
RS-607	RB	G	133	2	RS-666	RB	G	57	3
RS-608	RB	G	162	2	RS-667	RB	G	92	2
RS-609	RB	G	44	2	RS-668	RB	G	268	2
RS-610	RB	G	127	2	RS-669	RB	G	33	3
RS-611	RB	G	252	2	RS-670	RB	G	77	3
RS-612	RB	G	194	1	RS-672	RB	G	21	3
RS-614	RB	G	34	2	RS-673	RB	G	144	2
RS-616	RB	G	208	2	RS-674	RB	G	102	2
RS-618	RB	G	196	1	RS-675	RB	G	8	2
RS-619	RB	G	210	1	RS-676	RB	G	25	1
RS-620	RB	G	507	1	RS-677	RB	G	36	7
RS-621	RB	G_	185	1	RS-678	RB	G	81	6

No.	Sample	Locality	Geology	Assay	Value	Sample	Locality	Geology	Assay	Value
RS-681	No.			<b>Ն</b> և ( β.Խ)		No.			cu(ppm)	Mo(ppm)
RS-682										
RS-683	i i		i .	ll i			1			
RS-684										
RS-685						1				1
RS-686							4			
RS-687   RB										
RS-688		[					1			1
RS-689		1		ľ						
RS-691				l .		I .				
RS-691   RB										
RS-692   RB		1	I	ř .						
RS-693	1	1	1				1			
RS-694	1					1	1			
RS-695	1	l :							1	
RS-696	1								3	
RS-697							1		9	
RS-698	1			e e		i .			1	
RS-700	1									
RS-701	•	•					1			
VS- 1	1	1								
VS- 2	1			_		1			4	
VS- 3		1								
VS- 5							l .		T .	
VS- 6         LV         G         540         2         VS- 61         LV         S         73         1           VS- 7         LV         G         523         1         VS- 62         LV         S         76         1           VS- 8         LV         G         854         1         VS- 63         LV         S         76         1           VS- 9         LV         G         489         7         VS- 64         LV         S         86         1           VS- 10         LV         G         331         3         VS- 65         LV         S         73         1           VS- 11         LV         G         729         4         VS- 66         LV         S         186         1           VS- 12         LV         G         134         3         VS- 67         LV         S         89         1           VS- 12         LV         G         509         4         VS- 68         LV         S         76         1           VS- 13         LV         G         369         2         VS- 71         LV         G         73         1           VS- 14 <td></td> <td>1</td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td></td> <td></td> <td></td>		1				1	1			
VS- 7			1	ž.		1	ľ			
VS- 8         LV         G         854         1         VS- 63         LV         S         76         1           VS- 9         LV         G         489         7         VS- 64         LV         S         86         1           VS- 10         LV         G         331         3         VS- 65         LV         S         73         1           VS- 11         LV         G         729         4         VS- 66         LV         S         186         1           VS- 12         LV         G         134         3         VS- 66         LV         S         186         1           VS- 12         LV         G         509         4         VS- 68         LV         S         76         1           VS- 14         LV         G         520         2         VS- 68         LV         S         76         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         289         2         VS- 72         LV         G         143         1           VS- 17	1		3				L .			
VS- 9         LV         G         489         7         VS- 64         LV         S         86         1           VS- 10         LV         G         331         3         VS- 65         LV         S         73         1           VS- 11         LV         G         729         4         VS- 66         LV         S         186         1           VS- 12         LV         G         134         3         VS- 67         LV         S         89         1           VS- 13         LV         G         509         4         VS- 68         LV         S         76         1           VS- 14         LV         G         520         2         VS- 69         LV         S         103         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS-	1	1	3	ž.	I I		[			
VS- 10         LV         G         331         3         VS- 65         LV         S         73         1           VS- 11         LV         G         729         4         VS- 66         LV         S         186         1           VS- 12         LV         G         134         3         VS- 67         LV         S         89         1           VS- 13         LV         G         509         4         VS- 67         LV         S         89         1           VS- 14         LV         G         520         2         VS- 68         LV         S         76         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS- 18         LV         G         289         1         VS- 74         LV         G         138         1           VS-	1	1	1			1	i e		L	
VS- 11         LV         G         729         4         VS- 66         LV         S         186         1           VS- 12         LV         G         134         3         VS- 67         LV         S         89         1           VS- 13         LV         G         509         4         VS- 68         LV         S         76         1           VS- 14         LV         G         520         2         VS- 69         LV         S         103         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS- 17         LV         G         289         2         VS- 74         LV         G         138         1           VS- 18         LV         G         340         5         VS- 75         LV         G         373         1           V	1	I .				1				
VS- 12         LV         G         134         3         VS- 67         LV         S         89         1           VS- 13         LV         G         509         4         VS- 68         LV         S         76         1           VS- 14         LV         G         520         2         VS- 69         LV         S         103         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS- 18         LV         G         194         2         VS- 74         LV         G         138         1           VS- 19         LV         G         289         1         VS- 75         LV         G         70         1           VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS	1	1								
VS- 13         LV         G         509         4         VS- 68         LV         S         76         1           VS- 14         LV         G         520         2         VS- 69         LV         S         103         1           VS- 15         LV         G         369         2         VS- 71         LV         G         73         1           VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 72         LV         G         203         1           VS- 18         LV         G         194         2         VS- 74         LV         G         138         1           VS- 19         LV         G         289         1         VS- 75         LV         G         138         1           VS- 19         LV         G         340         5         VS- 75         LV         G         373         1           VS- 20         LV         G         174         3         VS- 77         LV         G         427         2	1	1				1				
VS- 14		1				1				1
VS- 15	1	1		4			1			
VS- 16         LV         G         217         6         VS- 72         LV         G         143         1           VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS- 18         LV         G         194         2         VS- 74         LV         G         138         1           VS- 19         LV         G         289         1         VS- 75         LV         G         70         1           VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS- 21         LV         G         174         3         VS- 77         LV         G         427         2           VS- 22         LV         G         214         2         VS- 78         LV         G         541         3           VS- 23         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1 <td< td=""><td></td><td>1</td><td>4</td><td></td><td></td><td>1</td><td></td><td>b .</td><td>li .</td><td>1</td></td<>		1	4			1		b .	li .	1
VS- 17         LV         G         289         2         VS- 73         LV         G         203         1           VS- 18         LV         G         194         2         VS- 74         LV         G         138         1           VS- 19         LV         G         289         1         VS- 75         LV         G         70         1           VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS- 21         LV         G         174         3         VS- 76         LV         G         427         2           VS- 22         LV         G         214         2         VS- 78         LV         G         541         3           VS- 23         LV         G         217         2         VS- 79         LV         G         997         1           VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         534         1         VS- 82         LV         V         192         1 <td< td=""><td>1</td><td>1</td><td></td><td></td><td>I I</td><td></td><td></td><td></td><td></td><td></td></td<>	1	1			I I					
VS- 18         LV         G         194         2         VS- 74         LV         G         138         1           VS- 19         LV         G         289         1         VS- 75         LV         G         70         1           VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS- 21         LV         G         174         3         VS- 77         LV         G         427         2           VS- 22         LV         G         214         2         VS- 78         LV         G         541         3           VS- 23         LV         G         217         2         VS- 79         LV         G         997         1           VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         471         1         VS- 82         LV         V         147         1 <td< td=""><td></td><td></td><td>1</td><td></td><td>- I</td><td></td><td></td><td>t</td><td></td><td>1</td></td<>			1		- I			t		1
VS- 19         LV         G         289         1         VS- 75         LV         G         70         1           VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS- 21         LV         G         174         3         VS- 77         LV         G         427         2           VS- 22         LV         G         214         2         VS- 78         LV         G         541         3           VS- 23         LV         G         217         2         VS- 78         LV         G         997         1           VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1 <td< td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>F</td><td></td><td></td></td<>		1						F		
VS- 20         LV         G         340         5         VS- 76         LV         G         373         1           VS- 21         LV         G         174         3         VS- 77         LV         G         427         2           VS- 22         LV         G         214         2         VS- 78         LV         G         541         3           VS- 23         LV         G         217         2         VS- 79         LV         G         997         1           VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1 <t< td=""><td></td><td>1</td><td></td><td></td><td></td><td></td><td>1</td><td>l.</td><td></td><td></td></t<>		1					1	l.		
VS- 21	1	1				1		ž .		4
VS- 22     LV     G     214     2     VS- 78     LV     G     541     3       VS- 23     LV     G     217     2     VS- 79     LV     G     997     1       VS- 24     LV     G     326     4     VS- 80     LV     G     351     1       VS- 25     LV     G     340     1     VS- 81     LV     V     197     1       VS- 26     LV     G     534     1     VS- 82     LV     V     192     1       VS- 27     LV     G     471     1     VS- 83     LV     V     147     1       VS- 28     LV     G     211     1     VS- 84     LV     V     228     1       VS- 29     LV     G     137     1     VS- 85     LV     V     119     1       VS- 30     LV     G     289     1     VS- 86     LV     V     192     1			T .					L .		
VS- 23         LV         G         217         2         VS- 79         LV         G         997         1           VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1           VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1								ľ		
VS- 24         LV         G         326         4         VS- 80         LV         G         351         1           VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1           VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1		1					L			
VS- 25         LV         G         340         1         VS- 81         LV         V         197         1           VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1           VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1							1			
VS- 26         LV         G         534         1         VS- 82         LV         V         192         1           VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1           VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1							1			
VS- 27         LV         G         471         1         VS- 83         LV         V         147         1           VS- 28         LV         G         211         1         VS- 84         LV         V         228         1           VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1							1			
VS- 28     LV     G     211     1     VS- 84     LV     V     228     1       VS- 29     LV     G     137     1     VS- 85     LV     V     119     1       VS- 30     LV     G     289     1     VS- 86     LV     V     192     1					I I		1			
VS- 29         LV         G         137         1         VS- 85         LV         V         119         1           VS- 30         LV         G         289         1         VS- 86         LV         V         192         1					1			4		1
VS- 30   LV   G   289   1   VS- 86   LV   V   192   1									1	
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그 나는 그는 그 는데 그를 가는 그는 그들이 되는 그를 가는 그를 가는 그를 가는 그를 가는 다른 그를 가는 것이다.							1			
VS- 32 LV G 100 1 VS- 88 LV G 281 1					1		,			
VS- 33							}			

Sample No.	Locality	Geology	Assay Cu(ppm)	Value Mo(ppm)	Sample No.	Locality	Geology	Assay Cu(ppm)	
VS- 90	LV	G	375	2					
VS- 91	LV	G	250	1					
VS- 92	LV	G	192	1		i			
VS- 93	LV	S	203	1	1				
VS- 94	LV	S	125	1					
VS- 95	LV	S	119	1					
VS- 96	LV	S	125	1					
VS- 97	ĽΫ	S	150	1					
VS- 98	LV	S	17	1	1				
VS- 99	LV	S	61	1	i .				
VS-100	LV	S	83	1					
VS-101	LV	S	97	1					
VS-102	LV	S	108	1					
VS-103	LV	S	86	1					
VS-110	LV	S	114	1					
VS-111	LV	S	72	1					
VS-112	LV	S	194	1	, <b>[</b>				
VS-113	LV	S	44	1					
VS-114	LV	S S	97	1 1	1				
VS-115	LV	S	83 97	1					
VS-116 VS-117	LV	S	89						
VS-117	LV LV	S	97	1 1					
VS-118	LV LV	5 5	61	1					
VS-119 VS-120		S	19	1					
VS-121	LV LV	S	133	1					
VS-121	LV	G	619	4					
VS-123	LV	G	500						
VS-124	LV	G	667	2 5 2 6	1				
VS-125	LV	Ğ	403	2					
VS-126	LV	Ğ	622	6					
VS-127	LV	v	425	1					
VS-128	LV	v	178	1					
VS-129	LV	v	578	2					
VS-130	LV	V	497	1	!				
VS-131	LV	G	439	1	<b> </b>		İ		
VS-132	LV	G	353	1	i				
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Sample No.	Locality	Geology	Assay Zn(ppm)	Value As(ppm)	Sample No.	Locality	Geology	Assay Zn(ppm)	Value As(ppm)
<b></b>					-				
DS- 1 DS- 2	D	V	50.0	23.9	DS- 75	D	V	92.8	17.4
DS- 2 DS- 3	D D	V V	47.8 77.6	7.1 4.9	DS- 76 DS- 77	D D	V V	89.4 111.8	12.5 12.7
DS- 4	D	v	69.2	3.7	DS- 78	D D	v	109.1	
DS- 5	D	V	54.3	5.3	DS- 79	D D	V	93.5	16.1
DS- 6	D	v	53.8	5.7	DS- 79	D	V	96.2	1.8 41.1
DS- 7	Ð	v	56.7	4.9	DS- 81	ם	v	50.8	6.3
DS- 8	D	v	57.2	3.7	DS- 82	D	v	53.5	8.5
DS- 9	D	v	53.4	4.2	DS- 83	D	v	48.8	12.3
DS- 10	D	v	56.1	3.5	DS- 84	D	v	48.8	11.2
DS- 11	D	v	55.7	4.7	DS- 85	D	v	46.1	7.5
DS- 12	D	v	51.8	4.3	DS- 86	D	V	103.7	5.1
DS- 13	D	V	35.8	6.7	DS- 87	D	v	80.1	9.2
DS- 14	D	v	84.8	18.0	DS- 88	D	v	90.1	12.6
DS- 15	D	V	57.8	11.9	DS- 89	D	V	108.3	26.2
DS- 16	Ð	V	85.3	15.9	DS- 90	D	v	75.4	13.7
DS- 17	D	V	28.7	8.1	DS- 91	ם	v	68.1	7.9
DS- 18	D	V	61.8	8.2	DS- 92	ם	V	60.1	7.5
DS- 19	D	V	43.1	9.8	DS- 93	D	v	135.7	43.4
DS- 20	D	V	44.8	9.5	DS- 94	D	V	43.4	8.9
DS- 21	D	V	40.0	10.5	DS- 95	D	V	107.0	17.8
DS- 22	D	V	59.6	4.9	DS- 96	D	V	44.7	6.9
DS- 23	D	V	66.1	2.3	DS- 98	D	V	66.8	4.7
DS- 24	D	V	74.0	9.6	DS-100	D	V	68.1	3.1
DS- 25	D	V	85.8	11.7	DS-102	D	v	105.3	48.4
DS- 26	D	V	57.7	16.9	DS-103	D	V	66.8	3.8
DS- 27	D	V	92.9	5.7	DS-104	D	V	112.4	0.8
DS- 28	D	V	77.9	2.2	BS- 1	В	G	84.3	37.5
DS- 29	D	V	72.7	3.3	BS- 2	В	G	86.4	18.6
DS- 30	D	V	77.9	3.1	BS- 4	В	G	66.6	3.3
DS- 31	D	V	70.1	6.3	BS- 5	В	G	78.2	7.5
DS- 32	D	V	83.4	5.5	BS- 6	В	G	64.6	5.8
DS- 53	D	V	72.7	5.4	BS- 7	В	G	67.3	2.1
DS- 54	D	V	92.7	2.7	BS- 8	В	G	137.2	2.7
DS- 56	D	V	. 84.2	4.2	BS- 9	В	G	73.0	1.9
DS- 57	D	V	73.4	5.7	BS- 10	В	G	69.4	1.8
DS- 58	D	V	65.7	4.3	BS- 11	В	G	77.5	1.2
DS- 59	D	V	84.6	8.0	BS- 12	В	G	71.4	1.4
DS- 60 DS- 61	D	V V	250.0	88.4	BS- 13	В	G	57.8	1.5
DS- 62	D D	V	431.2 188.4	634.9 14.8	BS- 16 BS- 17	В	G	68.0	1.5
DS- 63	ם	v	118.3	6.9	BS- 17 BS- 18	В	G G	156.9	85.1
DS- 64	D	v	108.7	9.2	BS- 18	B B	G	70.8	20.4
DS- 65	ם	v	44.3	8.2	BS- 19	В	G	63.9	1.4
DS- 66	D	v	35.6	9.4	BS- 20	В	G	61.2 68.7	1.6 2.7
DS- 67	D	v	90.4	8.7	BS- 21	В	G	55.0	2.7
DS- 68	D	v	82.7	10.0	BS- 23	В	G	57.1	1.8
DS- 69	D	v	129.8	51.2	BS- 25	В	G	77.7	27.3
DS- 70	D	v	137.5	8.7	BS- 26	В	G	170.9	17.7
DS- 71	D	v	74.0	9.7	BS- 27	В	G	75.6	1.7
DS- 72	D	v	160.1	88.6	BS- 28	В	G	63.9	1.8
DS- 73	D	v	159.2	87.6	BS- 29	В	G	67.4	1.7
DS- 74	D	v	45.4	8.1	BS- 30	В	G	66.7	1.1

Sample No.	Locality	Geology	Assay Zn(ppm)	Value As(ppm)	Sample No.	Locality	Geology		Value As(ppm)
					110.	<del></del>		ռ(բրայ	wa(hhm)
BS- 31	В	G	103.0	3.7	1				
BS- 32	В	G	106.5	9.6	1				
BS- 33	В	G	68.3	1.5					
BS- 35	В	G	15.4	1.7					
BS- 37 BS- 38	В	G	57.6	1.1					
BS- 39	В	G	62.3	0.6	<b>,</b>				
BS- 40	B B	G	60.3	0.5	j .				
BS- 41	В	G G	33.5 58.4	1.1	]				
BS- 41	В	G	60.3	0.9					
BS- 43	В	G	58.3	1.5 1.7					
BS- 45	В	G	53.6	1.4	ļ				
BS- 46	В	G	56.3	1.4	ነ			·	
BS- 47	В	G	62.3	1.1	1				
BS- 48	В	G	95.8	1.0					
BS- 49	В	G	59.0	1.1					
BS- 50	В	G	77.3	1.4					
BS- 51	В	Ğ	199.4	1137.0	1				
BS- 52	В	Ğ	69.4	4.2	]				
BS- 53	В	Ğ	105.3	34.0					
BS- 55	В	G	51.1	1.0					
BS- 56	В	Ğ	50.4	1.4					
BS- 57	В	Ğ	35.8	8.2					
BS- 58	В	G	61.6	6.3	ļ .			ļ	
BS- 59	В	G	71.7	2.1	1				
BS- 60	В	G	47.0	2.2					
BS- 61	В	G	41.4	2.2					j
BS- 62	В	G	73.9	39.9	!				
BS- 64	В	G	48.2	1.2	İ				
BS- 65	В	G	9.0	1.4	<b>\</b>	1	l	<u> </u>	
BS- 66	В	G	57.5	1.5					
BS- 67	В	G	64.1	1.4	l i				[
BS- 68	В	G	72.0	64.0					
BS- 69	В	G	85.8	33.2					
BS- 70	В	G	82.7	24.5	·				
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A. I - 2 Chemical Analysis of Ore Samples

(1)

Sample No.	Loca- lity	Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Sb (%)	As (%)
R-206	RB	Silicified, pyrite(5%) (10m)	Tr	-	0.04	-	_	-	•
R-210	RB	Silicified, pyrite(5%) (3m)	Tr	-	0.07	-	-	-	-
R-213	RB	Pyrite, Chalcopyrite Silicified (10m)	Tr	-	0.25	-	-	-	-
R-214	RB	Pyrite, silicified (20m)	Tr	-	0.07	_	-	-	-
V-13	ΓΛ	Pyrite dissemination argillized (lm/20m)	Tr	-	0.07		-	-	-=
V-18	LV	Pyrite dissemination (2m/30m)	Tr	-	0.05	-	-	-	-
V-21	ľV	Chalcopyrite, pyrite dis- semination., malachite veinlets (lm/20m)	Tr	-	0.13	-	-	-	-
V-55	ľV	Pyrite + clay, chal- copyrite	Tr	-	0.00	_	-	-	-
V-58	LV	Pyrite dissemination	Tr	-	0.03	-	-	-	-
V-60	LV	Pyrite	Tr	-	0.05	-	-	-	-
2-D-1	D	Sulfide	10.7	49	0.2	0.2	5.8	<0.1	1.2
2-D-2	D	Sulfide	5.3	134	0.6	0.2	3.0	<0.1	7.4
2-D-3	D	Sulfide	9.3	46	0.3	0.1	2.9	<0.1	2.2
2-D-4	D	Argillated part	0.3	30	0.1	0.5	0.1	<0.1	0.2
2-D-5	D	Quartz, pyrite	7.7	263	0.6	0.4	0.2	0,2	10.6
2-D-10	Ď	Socabon Diamante lower level 300cm	2.4	59	0.09	0.10	0.94	0.00	2.88
2-D <del>-</del> 11	D	Same place, continued 300m	16.3	64	0.07	0.09	1.41	0.00	1.11
2-D-12	D	Same place, continued 300m	4.6	80	0.19	0.21	1.61	0.00	2.57
ND-2	D	Brown gossan	Tr	Tr	0.03	0.02	0.03	0.00	0.99
ND-3	D	Argillized Vein	Tr	Tr	0.01	0.00	0.00	0.00	0.04
ND-5	D	Brown gossan	4.8	32	0.34	0.20	0.05	0.00	2.52
ND-6	D	Kaolinized sulfide vein	2.0	30	0.11	0.02	1.01	0.00	0.60
ND-7	D	Kaolinized sulfide vein	0.5	4	0.14	0.01	0.11	0.00	2.30
ND-8	D	Limonitized quartz vein	1.2	40	0.04	0.01	0.05	0.00	11.66
ND-16	D	Brownish argillized vein	Tr	30	0.07	0.32	0.09	0.00	1.51
ND-21	D	Limonitized-clayey vein	Tr	Tr	0.02	0.00	0.03	0.00	0.14

Sample No.	Loca- lity	Description	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Sb (%)	As (%)
ND-44	D	Argillized Vein containing lenticular quartz (w=230cm)	3.2	302	0.59	0.41	3.70	0.01	3.23
ND-47	D	Vein (pyrite rich part 40cm)	4.6	350	0.67	0.40	0.10	0.05	2.18
ND-48	D	Vein (argillized part 40cm)	1.2	36	0.26	0.27	0.14	0.00	0.27
ND-51	D	Limonitized vein	2.8	77	0.17	0.02	0.13	0.01	0.35
BA-SO-4	В	Oxidized vein (w=30cm)	3.7	48	<0.1	<0.1	<0.1	<0.1	3.7
BA-SO-5	В	Oxidized vein 40cm 2 veins (w=40cm, 20cm)	0.7	13	<0.1	<0.1	<0.1	<0.1	0.7
BA-SO-7	В	Quartz-pyrite-clay vein w=40cm	6.3	812	<0.1	0.2	<0.1	<0.1	2.5
B-P-0	В	Concentrated ore	29.3	120	0.1	<0.1	0.2	<0.1	3.7
B-SO-9	В	Pyrite, arsenopyrite oxide vein (w=200cm)	0.7	6	<0.1	0.2	<0.1	<0.1	0.7
B-SO-11	В	Mixed ore vein (w=200cm)	8.1	219	-	-		-	-
B-SO-14	В	Oxidized vein (w=40cm)	80.0	230	<0.1	0.5	0.7	<0.1	5.4
B-SO-15	В	Oxide vein (v,w=40cm) with sulfide vein (v,w=5cm)	1.7	51	<0.1	<0.1	<0.1	<0.1	1.0
B-15	В	Quartz, pyrite, arseno- pyrite vein (v.w=10∿30cm)	4.9	54	0.02	0.14	0.03	0.00	3.15
B-16	В	Quartz, pyrite, arseno- pyrite vein (v.w=40cm)	10.3	108	0.03	0.30	0.03	0.03	5.30
PR-1	P	Ruidosa vein, Oxide vein	Tr	14	_	-	-	-	-
P-L-1	P	Lulo vein, oxidized	Tr	Tr	-	_	_ '	-	-
P-L-2	P	- ditto -	Tr	Tr	-	-	-	-	-
P-SL-1	P	San Luis vein, oxidized	4.8	9	-	-	- ;	-	-
P-SL-2	P	Same place, old tunnel	0.6	12	-	-	-	-	_
P-SL-3	P	- ditto -	Tr	Tr	-	-	-	-	-
P-SA-1	P	San Luis, 300cm from south to north	Tr	Tr	-	-	-	-	-
P-SA-2	P	Same place, continued 300cm	4.6	5	-	_	-	-	-
P-SA-3	P	- ditto -	Tr	Tr	-	-	-	_	-
P-SA-4	P	- ditto -	Tr	Tr	-	-	<b>-</b>	-	-
P-SA-5	P	Oxidized vein in PSA-2 60cm only	5.6	10	-	-	-	-	-

Location

RB: Rio Blanco, LV: La Verde, D: Diamante, B: Bombona, P: Paraiso

A. I -3 Microscopic Observation of the Thin Sections

Sample No.	Location	Macroscopic descriptions	Microscopic observations
R-15	Rio Blanco	Dioritic rock	Dioritic rock Porphyritic texture Phenocryst: Plagioclase, mafic mineral. Mafic mineral is completely altered to chlorite with opaque mineral. Groundmass: Fine crystal of plagioclase (0.1m/m) and recrystallized glass (microcrystalline felsic mineral). This rock contains mafic xenolith which shows alteration to calcite and chlorite.
R-22	Rio Blanco	Altered microdiorite	Altered diorite Porphyritic texture? Phenocryst : Plagioclase (ave:0.8m/m) and mafic mineral Plagioclase is weakly sericitized and calcitized and cloudy. Mafic mineral is completely altered to chlorite and sericite. Groundmass : Fine grained acicular chlorite, sericite and felsic minerals. Opaque minerals are scattered in mafic mineral and groundmass.
R-29	Rio Blanco	Brecciated diorite	Hornblende diorite Porphyritic texture Phenocryst: Plagioclase and hornblende (Max:6.0m/m) Plagioclase shows alteration to sericite, chlorite and cloudy potass feldspar. Hornblende is replaced by plagioclase. Groundmass: Minute felsic mineral, sericite, chlorite and opaque mineral.

Sample No.	Location	Macroscopic descriptions	Microscopic observations
R-34	Rio Blanco	Tuffaceous sandstone	Tuffaceous volcanic sandstone Fragment: Plagioclase, clinopyroxene, a little carbonate and andestic rock (Diam 2.5m/m). Plagioclase shows potassic and chloritic alteration. Irregular shaped clinopyroxene is mostly fresh. Matrix: Abundant chlorite with minute felsic mineral and altered opaque mineral.
R-104	Rio Blanco	Porphyritic granodiorite	Aplitic granodiorite Porphyritic texture Phenocryst: Plagioclase and mafic mineral (Max:1.5m/m) Weakly sericitized plagioclase shows marked zoning and twinning. Mafic mineral is epidotized and chloritized. Groundmass: Fitted with equigranuler quartz and potass feldspar (ave:0.07m/m). There are granular opaque mineral and sphene.
R-109	Río Blanco	Highly silicified rock	Silicified epidotized rock  Left side of this section shows intense alteration, that composed of granular quartz (ave:0.02m/m), epidote and opaque mineral On the other hand, in the right side, there remained andestic texture. Phenocryst is replaced by epidote, chlorite and opaque mineral. Groundmass is composed of minute felsic minerals (ave:0.01m/m).
R-112	Rio Blanco	Brecciated diorite	Brecciated diorite It is composed mainly of dioritic fragment (Max:10m/m) ranged from fresh to altered to sericite and chlorite. Mafic mineral show alteration to amphibole, sericite, chlorite and calcite. There are scattered opaque minerals (0.3~0.01m/m in size).

Microscopic observations	Calcareous shale This rock shows weak bedded structure. Fragment: Abundant quartz, calcitized and sericitized feldspar and carbonate (Dia:0.3m/m). Matrix: microcrystalline felsic mineral, calcite, chlorite and granular opaque mineral.	Hornblende diorite porphyry Porphyritic, poikiritic texture Phenocryst: Hornblende (Max:2.0m/m), plagioclase (Max: 1.5m/m) Fresh hornblende poikiritically encloses fresh plagioclase showing marked zoning and twinning. Groundmass: Abundant granular quartz and a little potass feldspar, subhedral plagioclase (ave:0.04m/m) and chlorite. There are scattered granular opaque mineral, sphene and epidote.	Tuffaceous volcanic sandstone Fragment: Abundant plagioclase (Max:0.3m/m) with clinopyroxene, quartz, calcitized organic material, rock fragment and glassy rock fragment (Max:8.0m/m). Matrix: microcrystalline felsic mineral with chloritized, calcitized mineral. Layering of opaque mineral and limonite shows weak bedded structure.
Macroscopic descriptions	Calcareous shale	Hornblende diorite porphyry	Tuffaceous sandstone
Location	Rio Blanco	Rio Blanco	Rio Blanco
Sample No.	R-115	R-118	R-124

Microscopic observations	Altered diorite (Porphyritic texture?) Phenocryst : Hornblende (Max:3.0m/m) and plagioclase (Max:1.5m/m) Hornblende is replaced by chlorite and calcite in vermicular shape. Plagioclase is altered to potass feldspar and calcite, sericite and cloudy. Groundmass : Chlorite with opaque minerals and microcrystalline felsic mineral. Sphene occurs in altered mafic mineral.	Brecciated diorite This rock is composed mainly of epidotized-chloritized fragment, calcitized-epidotized fragment and plagioclase altered to epidote and potass feldspar. Groundmass: It consists of microcrystalline felsic mineral with chlorite and opaque mineral. Locally there are aggregate of quartz.	Granodiorite porphyry Porphyritic texture Phenocryst: Plagioclase, mafic mineral and a little quartz. Plagioclase (Max:1.5m/m) suffer from potassic alteration, chloritization and sericitization. Mafic is also altered to epidote, chlorite and calcite. Quartz is corroded. Groundmass: Equigranular (ave:0.03m/m) quartz, potass feldspar, plagioclase and chlorite, sphene with epidote or chlorite.
Macroscopic descriptions	Altered diorite porphyry	Brecciated diorite	Granodiorite porphyry
Location	Rio Blanco	Rio Blanco	Rio Blanco
Sample No.	R-128	R-129	R-138

Microscopic observations	Brecciated diorite porphyry Porphyritic, brecciate texture Phenocryst: Plagioclase, hornblende Subhedral plagioclase (Max:1.5m/m) is cloudy. Hornblende is sericitized and chloritized. Some of hornblende may be secondary from clinopyroxene? Groundmass: Microcrystalline felsic minerals, chlorite and sericite. There are vein of chlorite + quartz + limonite.	Recrystallized rock Breccia texture This rock is considered as recrystallized brecciated rock. Fragment: Plagioclase and quartz (Max:0.5m/m) Both shows irregular shape. Matrix: Fine grained quartz (ave:0.03m/m), feldspar and hornblende. There are also aggregates of opaque mineral (ave:0.3m/m) and quartz + opaque mineral vein.	Recrystallized rock This rock is same as R-209 except coarser grain size, fragment (ave:0.5m/m), matrix (ave:0.1m/m) and advanced recrystallization.	Altered diorite porphyry Porphyritic texture Phenocryst: Plagioclase and mafic mineral Plagioclase is cloudy due to an intense alteration to epidote, potass feldspar and sericite. Mafic mineral is completely altered to epidote and chlorite. Groundmass: Fine grained quartz (ave:0.03m/m), potass feldspar and plagioclase with a small amount of sericite, chlorite and epidote. Opaque mineral is scattered.
Macroscopic descriptions	Brecciated diorite porphyry	Silicified rock	Highly silicified rock	Altered diorite porphyry
Location	Rio Blanco	Rio Blanco	Rio Blanco	Rio Blanco
Sample No.	R-205	R-209	R-215	R-220

Sample No.	Location	Macroscopic descriptions	Microscopic observations
к-224	Rio Blanco	Diorite porphyry	Diorite porphyry Porphyritic and ophitic texture. Phenocryst: Hornblende and plagioclase. Subhedral hornblende (Max:2.0m/m) ophitically encloses plagioclase (Max:2.0m/m) which shows zonal structure (inner part altered and cloudy). Groundmass: Subhedral plagioclase (Max:0.1m/m) There are scattered opaque minerals. Locally it shows alteration by chlorite and epidote.
R-238	Rio Blanco	Recrystallized rock	Recrystallized rock Porphyroblastic and poikiroblastic texture. Fine grained plagioclase and hornblende (Dia:0.2m/m) porphyroblastically endlose anhedral granular plagioclase crystal (Dia:2.0m/m). Large crystal of hornblende poikiroblastically encloses anhedral plagioclase. There are scattered opaque minerals (ave:0.7m/m).
R-242	Rio Blanco	Alternation of shale and sandstone	Shale/sandstone brecciated texture Shale: It is composed mainly of fragments (Max:0.2m/m) of quartz, plagioclase, hornblende and calcite. Matrix is filled with aggregate of felsic mineral and chlorite, and scattered opaque mineral. Sandstone: It is composed mainly of plagioclase and hornblende (Max:1.5m/m) with a small amount of quartz and andestic fragment. Hornblende is epidotized and plagioclase is cloudy.
R-253	Rio Blanco	Hornblende microdiorite	Hornblende microdiorite Equigranular texture (0.2~0.3m/m in size) This rock is composed mainly of plagioclase and hornblende with a small amount of quartz and potassic feldspar.

Microscopic observations	Plagioclase shows marked zoning and twinning. Anhedral hornblende is weakly chloritized and epidotized. Feldspar is cloudy. granular sphene and opaque mineral are accessory.	Diorite porphyry Porphyritic texture Phenocryst: Plagioclase, mafic mineral Euhedralvsubhedral plagioclase (Max:2.5m/m) is filled with felsic minerals (calcite, sericite, potass feldspar). Mafic mineral is completely altered to calcite and epidote. Groundmass: It shows alteration to chlorite with sericite and felsic mineral. There are anhedral quartz and partly broken opaque mineral.
Macroscopic descriptions	ditto	Diorite porphyry
Location	Rio Blanco	Rio Blanco
Sample No.	R-253	R-254

Microscopic observations	Dolerite Ophitic texture It is composed mainly of augite and plagioclase. Phenocryst of augite (Dia:4.000.3m/m) is partly replaced by plagioclase and shows zoning and hairglass structure. Fine granular (less than 0.1m/m) augite and opaque mineral lay intersertal in the laths of cloudy altered plagioclase (1.000.1m/m). Pseudomorph of mafic mineral is replaced by fine aggregate of chlorite. Groundmass is filled with clay minerals.	Altered rock This rock is so strongly altered that it is difficult to make clear the original rock. Porphyritic or brecciated texture. Abundant of large hornblende crystal probably result from alteration of augite and moreover suffer from epidotization and chloritization. Plagioclase is calcitized and epidotized.  Recrystallized matrix is composed of microcrystalline felsic mineral, chlorite and epidote.	Altered dolerite Ophitic texture This rock is same as V-l, but alteration is more intensive than V-l. Phenocryst: Clinopyroxene and plagioclase. Clinopyroxene shows alteration to amphibole, calcite and chlorite. Plagioclase is also calcitized and sericitized. Groundmass: Aciculer amphibole aggregate and chlorite.
Macroscopic descriptions	Coarse pyroxene basalt	Altered hornblende basalt	Altered pyroxene basalt
Location	La Verde	La Verde	La Verde
Sample No.	V-1	V . S	V-8

Sample No.	Location	Macroscopic descriptions	Microscopic observations
V-9	La Verde	Porphyrite	Altered porphyrite Porphyritic texture Porphyritic texture Phenocryst: Plagioclase and mafic mineral (hornblende?) Plagioclase shows intense alteration to sericite and cloudy. Mafic mineral is completely altered to chlorite with opaque mineral. Groundmass: Primary plagioclase laths, granular opaque mineral, chlorite and recrystallized quartz. A little of epidote and calcite veins exisist.
V-1.5	La Verde -	Calcareous sandstone	Calcareous sandstone Fragment: Acidic rock, chloritized andestic rock, sericitized rock, and quartz-calcitized organic materials. Matrix: Calcite, chlorite, fine felsic minerals and granular opaque mineral.
V-16	La Verde	Tuffaceous sandstone	Andesitic volcanic sandy tuff Fragment (less than 1.0m/m in size) : Andestic rock, clinopyroxene and plagioclase. Andestic fragment is mainly composed of acicular plagioclase and chlorite. Crushed clinopyroxene shows weak alteration to calcite and chlorite. Plagioclase is weakly sericitized and cloudy. Matrix: minute felsic mineral, chlorite, calcite and sericite.
V-17	La Verde	Calcareous shale	Calcareous shale Fragment (Max:0.2m/m): Quartz, feldspar, calcitized organic fragment. Matrix: Granular calcite and a little microcrystalline mineral and opaque mineral. There are calcite or calcite and quartz veins.

Sample No.	Location	Macroscopic descriptions	Microscopic observations
	La Verde	Porphyritic granodiorite	Porphyritic granodiorite (weak porphyritic texture) Phenocryst: Plagioclase shows alteration to potass feldspar, chlorite and weak sericitization. Groundmass: Equigranular (ave:0.15m/m) quartz and potass feldspar and a little plagioclase. Mafic mineral is completely altered to chlorite and sericite or aggregation of chlorite and opaque mineral.
	La Verde	Brecciated basalt	Brecciated basic rock Fragments of clinopyroxene, hornblende, plagioclase with a small amount of andestic rock (Max:2.0m/m), are mostly fresh. Matrix is composed of microcrystalline mineral, chlorite and opaque mineral.
	La Verde	Altered diorite	Altered diorite  Porphyritic texture  Phenocryst: Plagioclase, hornblende and a little clinopyroxene.  Plagioclase (Max:6.0m/m) shows alteration to sericite, epidote and chlorite. Hornblende marginally altered to epidote, chlorite and calcite. Groundwass: Sericitized plagioclase, recrystallized felsic minerals (Max:0.2m/m), and scattered opaque mineral.  This rock shows intense alteration to epidote and locally formed epidote aggregate.
	Diamante	Altered andesite	Altered andesite Porphyritic texture? Phenocryst: Plagioclase, clinopyroxene (Max:6.0m/m) Plagioclase is almost altered to quartz and sericite. Clinopyroxene is completely altered to acicular aggregate of hornblende and sericite.

Sample No.	Location	Macroscopic descriptions	Microscopic observations
ND-1	Diamante	ditto	Groundmass : Spherulitic part is consist of spherical crystal of acicular sericite, chlorite and quartz. The other part is consist of sericite, chlorite and felsic mineral.
ND-18	Diamante	Brecciated altered andesite	Andesitic tuff breccia Breccia: Andestic rock (Max:8.0m/m) rimmed with opaque mineral. Clinopyroxene is altered to secondary amphibole and sericite. Matrix: It consists of acicular sericite and microcrystalline minerals.
ND-33	Diamante	Altered andesite	Altered andesite  Porphyritic texture Phenocryst: Clinopyroxene and plagioclase. Clinopyroxene shows alteration to amphibole and moreover sericite, chlorite or epidote. Plagioclase is also chloritized and cloudy. Groundmass: Laths of plagioclase and acicular sericite and chlorite with scattered and altered opaque mineral.
ND-52	Diamante	Granodiorite	Granodiorite Equigranular texture It consists mainly of plagioclase, quartz and mafic mineral with a small amount of potass feldspar. Plagioclase (Max:4.0m/m) shows weak alteration to subhedral potass feldspar and sericite. It shows marked zoning and twinning. Quartz (Max:3.0m/m) is anhedral. Mafic mineral is completely altered to aggregate of chlorite, calcite, sphene and opaque mineral. Anhedral potass feldspar occurs in marginal part of plagioclase and quartz.

Microscopic observations	Altered andesite Spherulitic texture Phenocryst: Plagioclase and mafic mineral. Plagioclase is altered to sericite and cloudy. Mafic mineral is completely altered to amphibole and suffer from sericitization, epidotization and chloritization. Spherulitic part (ave:0.5m/m, Max: 3.0m/m) is filled with chlorite, epidote and sericite. Groundmass: Acicular plagioclase. Sericite and chlorite result from alteration.	Granodiorite Weak porphyritic texture It is composed of mainly hornblende, biotite, plagioclase, potass feldspar and quartz. Sphene, apatite and opaque mineral are accessory.  Euhedral vabhedral plagioclase (max:3.0m/m) shows marked zoning and albite twinning and sometimes changes amorphous state in the neuclei.  Anhedral quartz (max:3.0m/m).  Potass feldspar is closely associated with quartz and plagioclase and a part shows mirmekite texture.  Biotite (max:3.0m/m) is platy and brownish color and changes into chlorite with minor amount of opaque mineral and sphene.  Hornblende (max:2.0m/m) is green brownish green subhedral crystal with association of opaque mineral, sphene, epidote, apatite and blotite.  Interstices of phenocryst are composed of fine grained (1.000.1m/m) crystals.	Silicified rock It is composed of fine grained (ave. 0.lm/m) quartz
Macroscopic descriptions	Altered andesite	Porphyritic granodiorite	Chert
Location	Diamante	Bombona	Вопропа
Sample No.	ND-53	B-4	B-5

Microscopic observations	Granodiorite equigranuler texture It consists mainly of biolite, hornblende, plagioclase, potass feldspar and quartz. Sphene, apatite and opaque mineral are accessory. Plagioclase (max:3.0m/m) is subhedral and shows marked zoning and twinning. Quartz (max:2.0m/m) and Potass feldspar (max:3.0m/m) are both anhedral crystal form which are surrounding plagioclase. Reddish brown platy biotite suffered from chloritization with opaque mineral. Hornblende (max:4.0m/m) partly changes into chlorite and biotite with association of opaque mineral.	Granodiorite It is composed mainly of plagioclase, anhedral quartz tabular biotite and a little potass feldspar. Epidote, sphene, apatite and opaque mineral are accessory. Plagioclase shows marked zoning and twinning. Aplitic granite vein It is composed mainly of quartz, patass feldspar, plagioclase and a little biotite. Felsic minerals are all anhedral. Tabular biotite (Max:0.7m/m) is chloritized. Near the contact, plagioclase is rich in the aplitic side and the other granodiorite side, quartz is abundant and that probably shows some reaction between those two rocks.
Macroscopic descriptions	Granodiorite	Granodiorite intruded by aplitic granite
Location	Bombona	Вотропа
Sample No.	B-10	B-11

No.	Location	Macroscopic descriptions	Microscopic observations
B-20	Bombona	Granodiorite	Granodiorite  It is composed mainly of subhedral plagioclase (Max: 1.5m/m), anhedral quartz, biotite and hornblende and a little potass feldspar. Sphene and opaque mineral are accessory.  Tabular biotite (ave:0.5m/m) mostly shows alteration to chlorite. Hornblende (ave:0.5m/m, Max:2.0m/m) is replaced by plagioclase.
В-22	Bombona	Porphyritic granodiorite	Porphyritic granodiorite This rock is almost same as B-4, but grain size is a little coaser than that of B-4., felsic mineral (Max: 4.0m/m) and mafic mineral (Max:6.5m/m).

A. I -4 Microscopic Observation of the Polished Sections

Sample No.	Location	Macroscopic descriptions	Microscopic observations
R-107	Rio Blanco	Pyrite ore	This ore consists mainly of pyrite with a small amount of chalcopyrite, covelline, hematite and Fehydro-oxide. Pyrite shows anhedral form, and makes vein and dissemination, and partly margin of pyrite is replaced by Fe-oxide. Chalcopyrite, several decade $\mu$ m to 100 $\mu$ m in size, occurs as independent crystals but partly a small amount of chalcopyrite coexists with pyrite and margin of chalcopyrite is replaced by covelline.
R-110	Rio Blanco	Pyrite ore	This ore consists mainly of pyrite, with a small amount of chalcopyrite, covelline, hematite and Fehydro-oxide. Pyrite shows anhedral form, and makes vein and dissemination, and partly margin of pyrite is replaced by Fe-oxide. Chalcopyrite, several decade $\mu$ m to $100~\mu$ m in size, occurs as independent crystals, but partly a small amount of chalcopyrite coexists with pyrite and margin of chalcopyrite is replaced by covelline.
ND-13	Diamante	Arsenopyrite ore	This ore consists mainly of arsenopyrite, pyrite, and sphalerite, with a small amount of chalcopyrite, covelline, and galena. Arsenopyrite shows euhedral and anhedral form, the others show anhedral form. Sphalerite includes chalcopyrite dots. Galena is several decade $\mu$ m to 100 $\mu$ m in size, and is included in arsenopyrite.
ND-17	Diamante	Pyrite-arsenopyrite ore	This ore consists mainly of pyrite and arsenopyrite, and a small amount of sphalerite, chalcopyrite, galena and a few dot of electrum. Electrum is 10 to 70 $\mu$ m in size, occurs in pyrite, intergranular of pyrite and/or in gangue minerals. Sphalerite includes a few dot of chalcopyrite. Margin of galena in part is replaced by chalcocite.

Sample No.	Location	Macroscopic descriptions	Microscopic observations
ND-42	Diamante	Arsenopyrite-pyrite ore	The constituent minerals are mainly arsenopyrite and pyrite with accessory sphalerite, chalcopyrite, galena and a few dot of electrum. Electrum is 10 to 50 $\mu$ m in size, coexists with pyrite, but often occurs in gangue minerals. Sphalerite includes chalcopyrite dot. Chalcopyrite is replaced by chalcocite and covelline in part.
ND-46	Diamante	Pyrite-chalcopyrite- hematite ore	It is composed mainly of pyrite, chalcopyrite and hematite, with accessory covelline and hydro-oxide, these minerals fill the interstice of gangue minerals and the cracks. Covelline, hematite & Fe-hydro-oxide occur the margin of chalcopyrite and pyrite by weathering.
ND-49	Diamante	Pyrite ore	This ore consists mainly of pyrite, with a small amount of arsenopyrite, sphalerite, galena, chalcopyrite, boulangerite?, tetrahedrite, and covelline. Boulangerite occurs the margin of galena. Boulangerite? tetraherite, galena, and covelline coexist complicatedly:
D-SP-1	Diamante	Pyrite ore	It is composed mainly of pyrite, with a small amount of arsenopyrite and chalcopyrite. Chalcocite is observed at a margin of chalcopyrite and along the cracks in part. Chalcopyrite includes tetrahedrite (100 $\mu$ m). Pyrite is partly replaced by marcasite.
D-SP-2	Diamante	Pyrite ore	It is composed mainly of pyrite, with a small amount of arsenopyrite and sphalerite, and a very small amount of chalcopyrite, tetrahedrite and galena. Tetrahedrite cuts pyrite and arsenopyrite, and often coexists with chalcopyrite. Sphalerite includes chalcopyrite dots.

Microscopic observations	It is composed mainly of arsenoprite, with a small amount of sphalerite, and a very small amount of chalcopyrite. Sphalerite includes chalcopyrite dots.	The constituent minerals are arsenopyrite and sphalerite, with a small amount of pyrite, galena and chalcopyrite, and a very small amount of tetrahedrite. Sphalerite includes chalcopyrite dots.	It is composed mainly of pyrite, with a small amount of arsenopyrite, sphalerite and galena. Electrum of 20 to 30 µm in size is observed in pyrite. Sphalerite includes chalcopyrite dots.
Macroscopic descriptions	Arsenopyrite ore	Arsenopyrite-sphalerite ore	Pyrite ore
Location	Diamante	Diamante	Diamante
Sample No.	OD-A	0D-B	, 0-00

## A. I-5 Photomicrographs

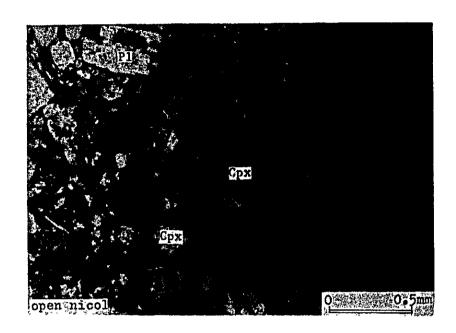
A. I -5-1 Thin Sections

Sample No.	Location	Rock Type
R - 34	Rio Blanco	Tuffaceous volcanic sandstone
R -118	Rio Blanco	Hornblende diorite porphyry
R -138	Rio Blanco	Granodiorite porphyry
R -238	Rio Blanco	Recrystallized rock
R -242	Rio Blanco	Alternation of shale and sandstone
V - 1	La Verde	Dolerite
V - 15	La Verde	Calcareous sandstone
V - 16	La Verde	Andesitic volcanic sandy tuff
V - 17	La Verde	Calcareous shale
V - 22	La Verde	Porphyritic granodiorite
ND- 1	Diamante	Altered andesite
ND- 18	Diamante	Andesitic tuff breccia
ND- 53	Diamante	Altered andesite
B - 4	Bombona	Granodiorite
B - 5	Bombona	Silicified rock

## Abbreviations

Pl : Plagioclase
Qz : Quartz
Ser : Sericite
Chl : Chlorite
Hb : Hornblende
Bio : Biotite
Cpx : Clinopyroxene

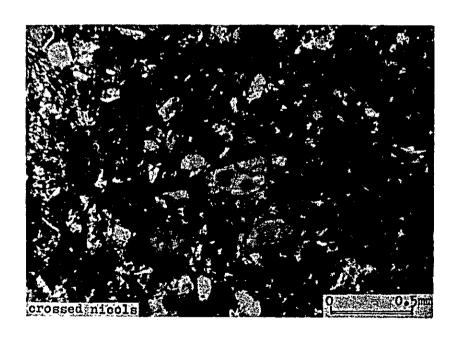
Cal : Calcite
Ep : Epidote
Or : Orthoclase

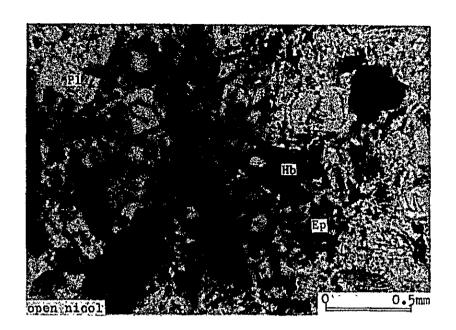


Sample No. R-34

Rock type:

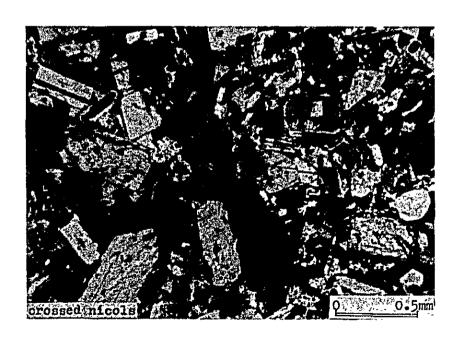
Tuffaceous volcanic sandstone

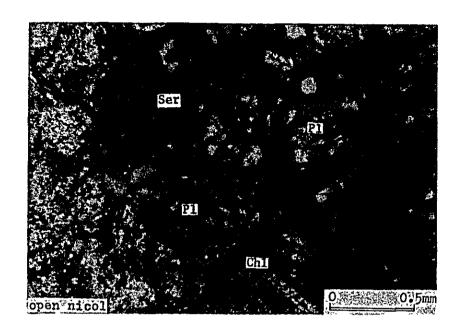




Sample No. R-118

Rock type:
Hornblende diorite
porphyry



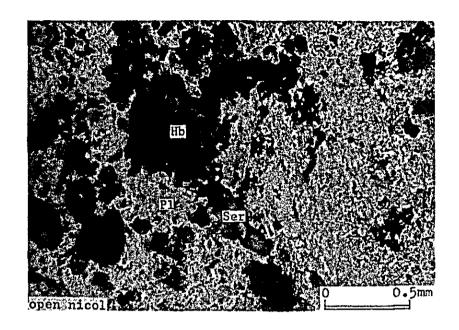


Sample No. R-138

Rock type:

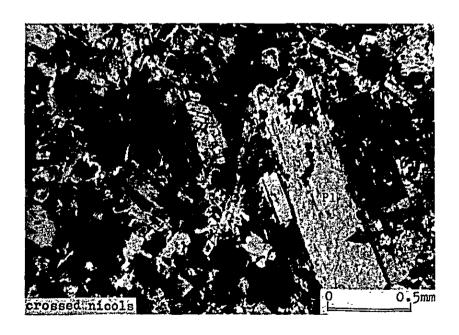
Granodiorite porphyry

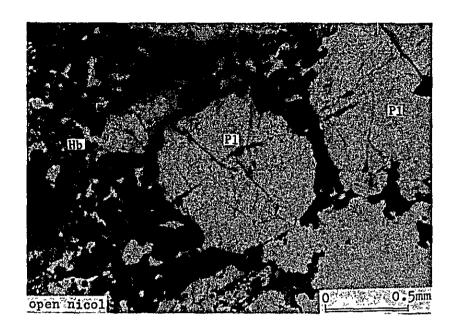




Sample No. R-238

Rock type:
Recrystallized rock

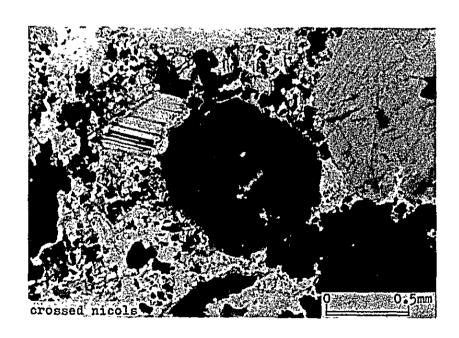


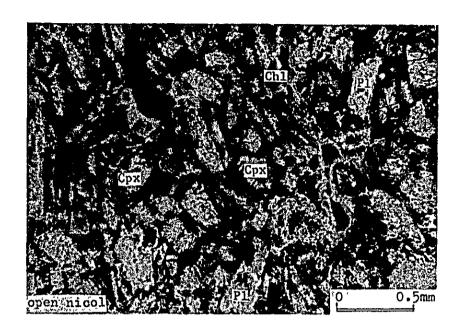


Sample No. R-242

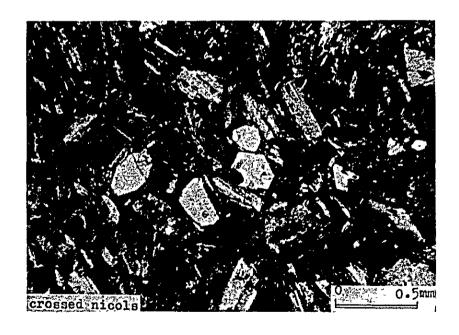
Rock type:

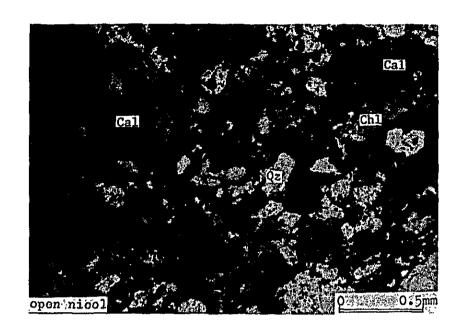
Shale/sandstone





Sample No. V-l
Rock type:
Dolerite

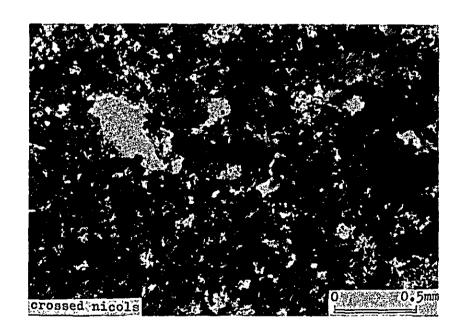


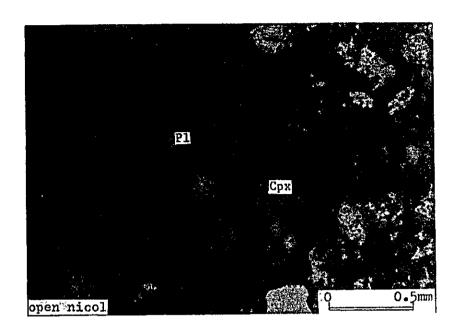


Sample No. V-15

Rock type:

Calcareous sandstone





Sample No. V-16

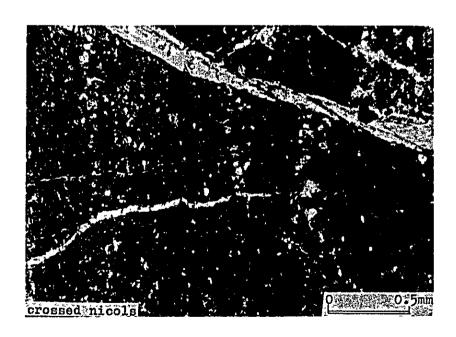
Rock type:

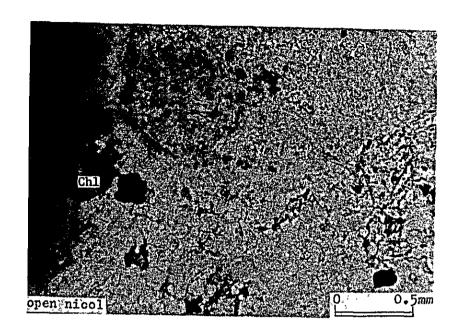
Andesitic volcanic sandy tuff





Sample No. V-17
Rock type:
Calcareous shale

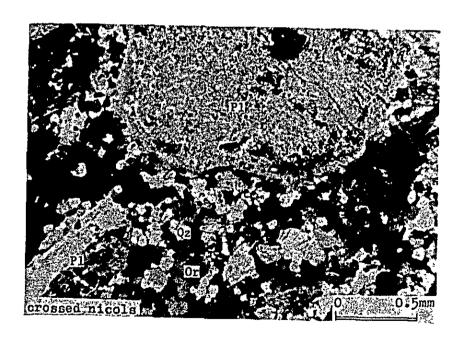


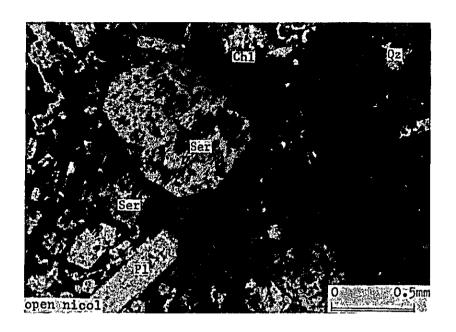


Sample No. V-22

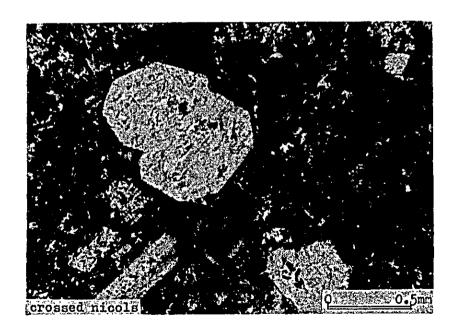
Rock type:

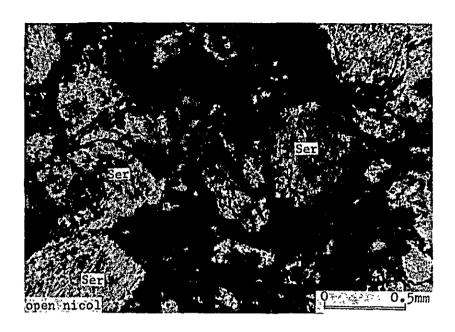
Porphyritic granodiorite





Sample No. ND-1
Rock type:
Altered andesite





Sample No. ND-18

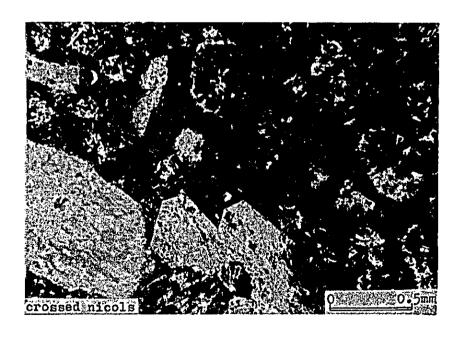
Rock type:

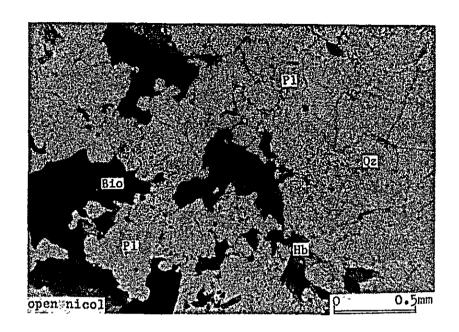
Andesitic tuff breccia



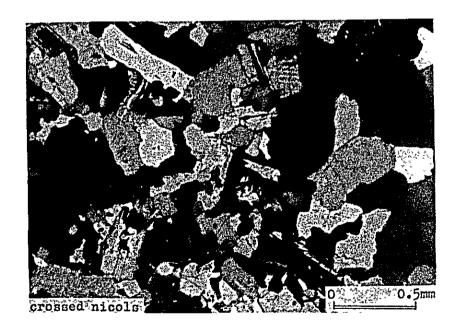


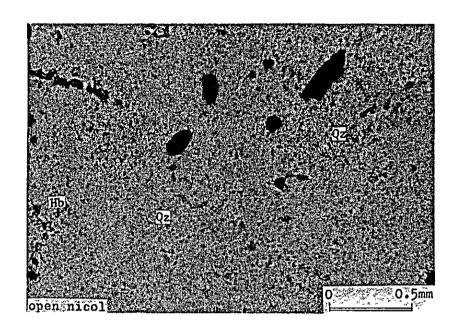
Sample No. ND-53
Rock type:
Altered andesite



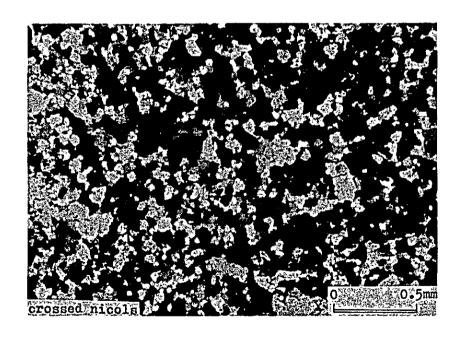


Sample No. B-4
Rock type:
Granodiorite





Sample No. B-5
Rock type:
Silicified rock



A. I -5-2 Polished Sections

Sample No.	Location	Rock Type
R-107	Rio Blanco	Copper ore
ND-13(C)	Diamante	Zinc, copper ore
ND-17	Diamante	Gold ore
ND-46(A)	Diamante	Copper ore
ND-46(B)	Diamante	Copper ore
ND-49	Diamante	Copper, zinc, lead ore
D-Sp-2	Diamante	Copper, zinc, lead ore
OD-B	Diamante	Copper, zinc, lead ore
OD-C	Diamante	Gold ore

### Abbreviations

Py : Pyrite

Asp : Arsenopyrite

E1 : Electrum

Cp : Chalcopyrite

Sp : Sphalerite

Gn : Galena

Fe : Iron oxide

Cv : Covelline

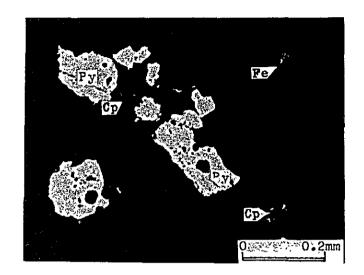
Hem : Hematite

Cc : Chalcocite

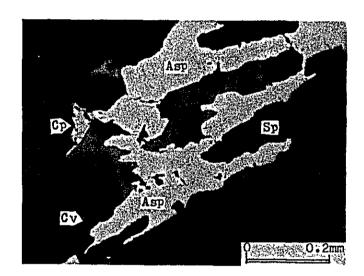
B1 : Boulangerite

Td : Tetrahedrite

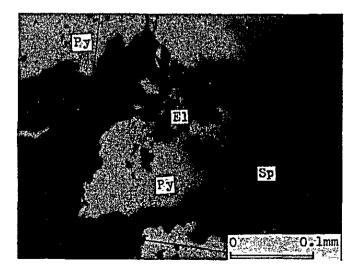
G : Gangue mineral



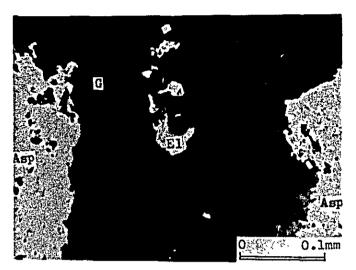
Sample No. R-107
Rock type:
Copper ore



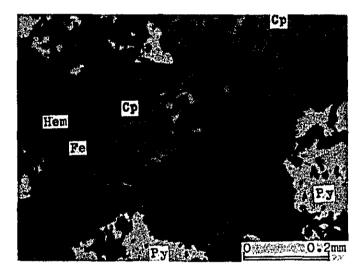
Sample No. ND-13(C)
Rock type:
Zinc, copper ore



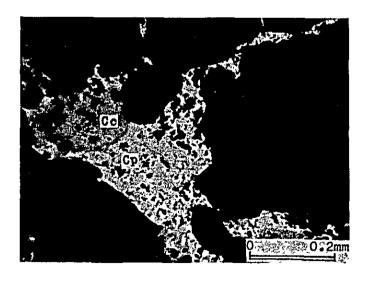
Sample No. ND-17
Rock type:
Gold ore



Sample No. ND-17
Rock type:
Gold ore



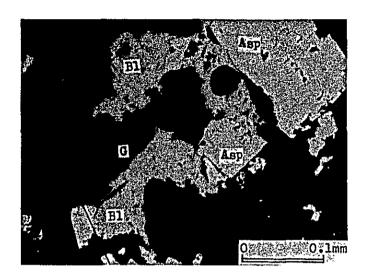
Sample No. ND-46(A)
Rock type:
Copper ore



Sample No. ND-46(B)

Rock type:

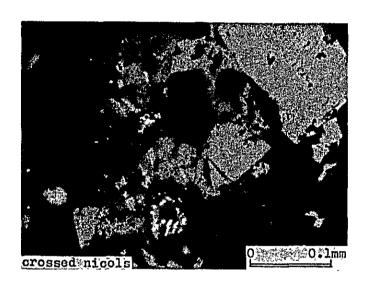
Copper ore

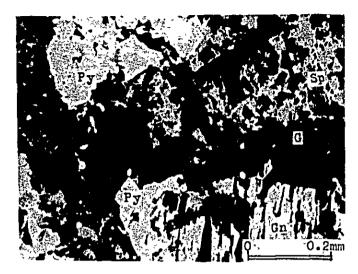


Sample No. ND-49

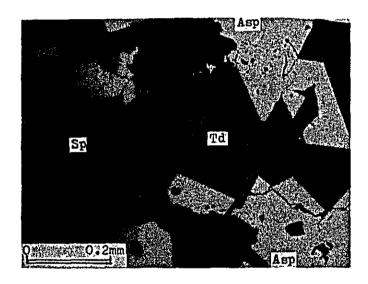
Rock type:

Copper, zinc, lead ore



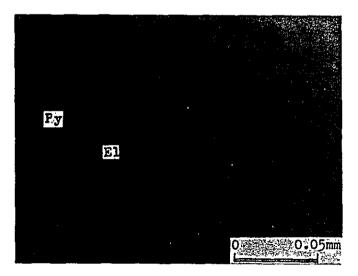


Sample No. D-Sp-2
Rock type:
Copper, zinc, lead ore



Sample No. OD-B

Rock type:
Copper, zinc, lead ore



Sample No. OD-C
Rock type:
Gold ore

## A. I-5-3 EPMA Analysis

## Abbreviations

Py : Pyrite

El : Electrum

Bl : Boulangerite

Asp : Arsenopyrite

Sp : Sphalerite

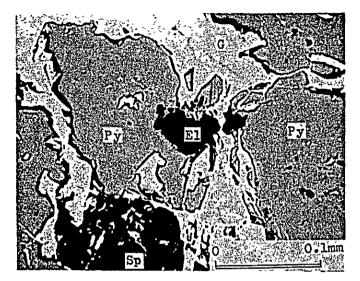
Fr : Freibergite

Cp : Chalcopyrite

Gn : Galena

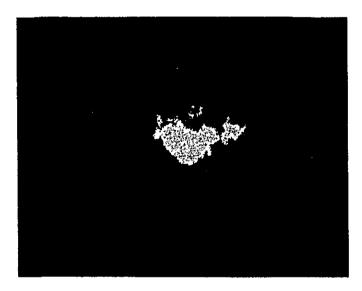
Td : Tetrahedrite

G : Gangue mineral

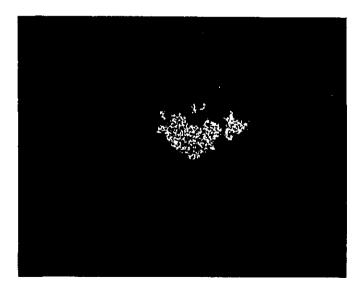


Absorbed electron image

Electrum occurs in/border
of pyrite



Au X-ray image



Ag X-ray image

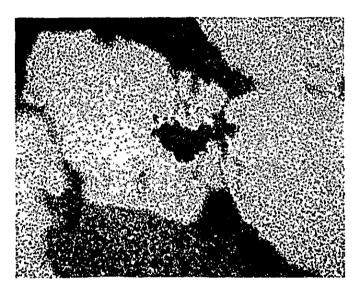
Sample No. : ND-17A

Locality : Diamante

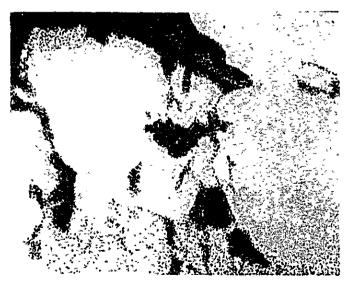
Accel. volt. : 25 kVAbsorb. elect. :  $0.2 \mu \text{ A}$ 



Zn X-ray image

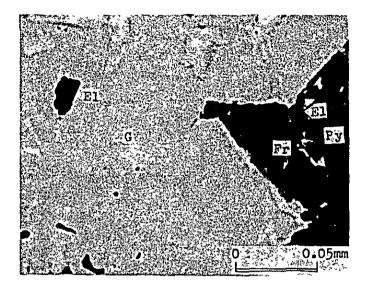


Fe X-ray image



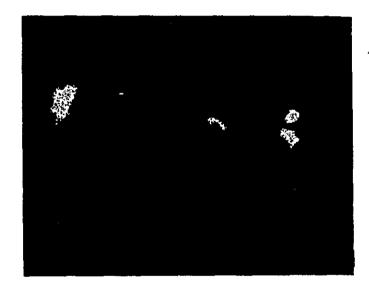
S X-ray image

(continuation of No.ND-17A)



Absorbed electron image

Freibergite (Ag bearing Tetrahedrite) and electrum occur in fringe of pyrite, and another electrum in gangue (quartz).



Au X-ray image



Ag X-ray image

Sample No. : ND-17B

Locality : Diamante

Accel. volt. : 15 kV

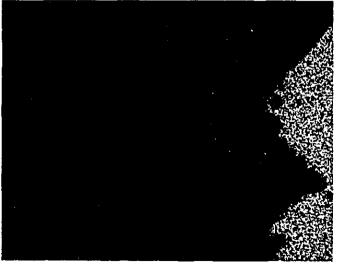
Absorb. elect. : 0.1  $\mu$  A



Cu X-ray image

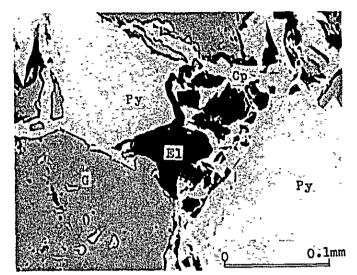


Sb X-ray image



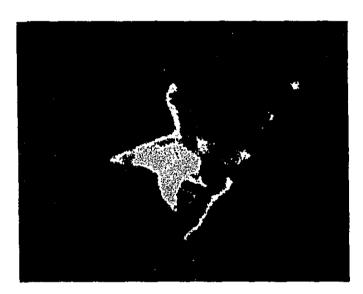
Fe X-ray image

(continuation of No.17B)

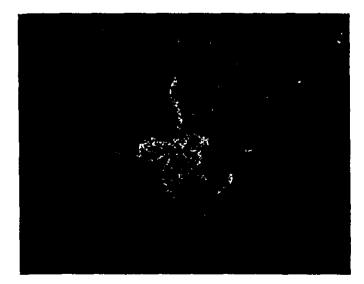


Absorbed electron image

Electrum associated with chalcopyrite, between pyrite crystals



Au X-ray image

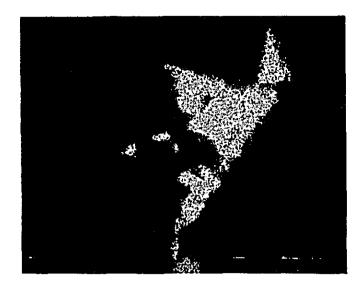


Ag X-ray image

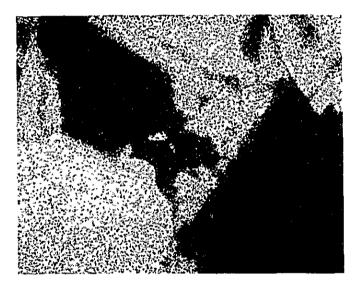
Sample No. : ND-42

Locality : Diamante

Accel. volt. : 25 kVAbsorb. elect. :  $0.2 \mu \text{A}$ 



Cu X-ray image



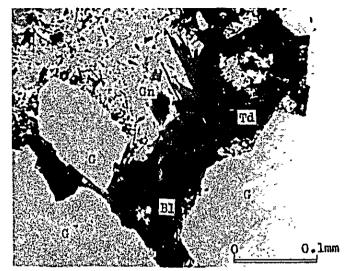
Fe X-ray image



S X-ray image

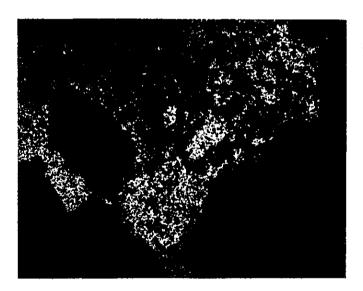
(continuation of No.ND-42)

(7)



Absorbed electron image

Tetrahedrite (Td: $3Cu_2S \cdot Sb_2S_3$ ) and Boulangerite (B1: $5PbS \cdot 2Sb_2S_3$ ) and determinated.



Pb X-ray image

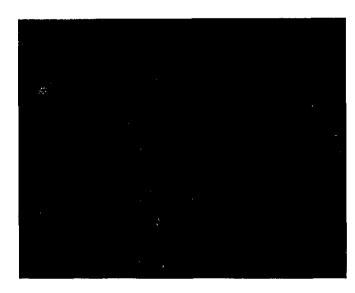


Cu X-ray image

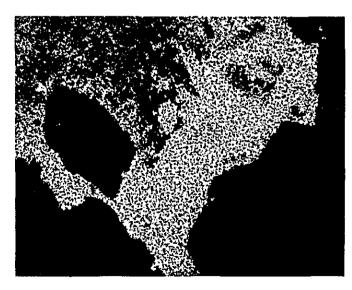
Sample No. : ND-49A Locality : Diamante Accel. volt. : 15 kV Absorb. elect. :  $0.1 \mu \text{ A}$ 



Sb X-ray image

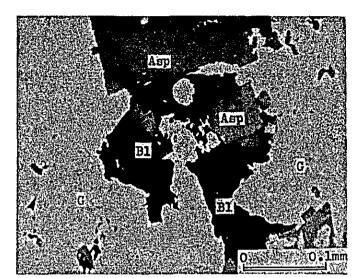


Fe X-ray image



S X-ray image

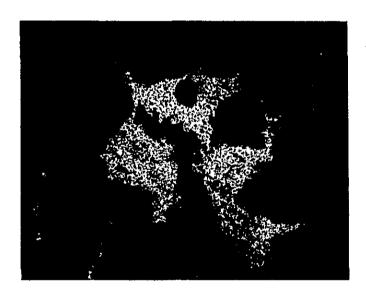
(continuation of No.ND-49A)



Absorbed electron image

Boulangerite (5PbS.2Sb<sub>2</sub>S<sub>3</sub>) occurs in space between quartz and arsenopyrite which are crystallized earlier.

(Ref: Photograph of polished section of No.ND-49)



Pb X-ray image

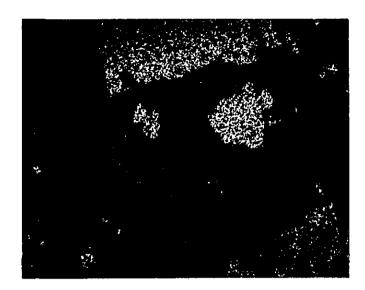


Sb X-ray image

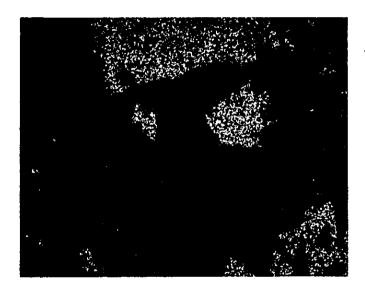
Sample No. : ND-49B

Locality : S. Sebastean

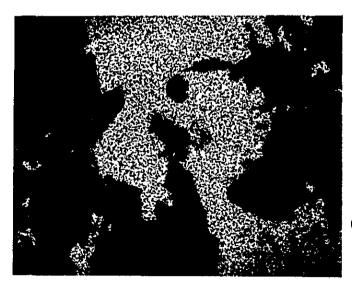
Accel. volt. : 15 kV Absorb. elect. :  $0.1 \mu A$ 



Fe X-ray image



As X-ray image



S X-ray image

(continuation of No.ND-49B)

# APPENDICES PART II DRILLING DATA

## LIST OF APPENDICES

A.II-1	List of the used equipments for drilling
A.II-2	Supplies and consumed parts for drilling
A.II-3	Preparation and removal
A.II-4	Operational results of drill hole, PD-1
A.II-5	Operational results of drill hole, PD-2
A.II-6	Operational results of drill hole, PD-3
A.II-7	Operational results of drill hole, PD-4
A.II-8	Operational results of drill hole, PD-5
A.II-9	Operational results of drill hole, PD-6
A.II-10	Operational results of drill hole, PD-7
A.II-11	Summarized operational data of each drill hole
A.II-12	Working time of each drill hole
A.II-13	Drilling meterage of diamond bits
A.II-14	Specifications of diamond bits
A.II-15	Assay results of the drilled core
A.II-16	Microscopic observation of the thin sections
A.II-17	Microscopic observation of the polished sections
A.II-18	Photomicrographs
18-1	Thin section
18-2	Polished section
18-3	EPMA

A.II-19 Charts of X-ray diffraction test

A. I-I List of the Used Equipments for Drilling

Item	Model	Quantity	Capacity, Type, and Specification
Drilling Machine	TOM-3B	1	Capacity NQ 590m BQ 750m Inner Diameter of Spindle 92mm Weight (except engine) 120,250,600,120R
Engine for Drill	F3L-912	1	Diesel Engine 1,800 rpm/41 PS ∿ 1,500 rpm/35 PS
Pump	NAS-2A	1	Piston
Engine for pump	NS-110C	1	Diesel Engine 1,800 rpm/9.5 PS
Generator	YSG-5SN	1	5KVA, 110V, 50 C/S
<b>.</b>	YSG-3	1	3KVA, 110V, 50 C/S
Engine for Generator	NS-90C	1	Diesel Engine 1,800 rpm/8.5 PS
11	NS-50C	1	Diesel Engine 1,800 rpm/4.5 PS
Ритр	НОРЕ-Г	1	Piston $\phi$ 13.8mm Capacity 60 $\sim$ 80 l/min Pressure 40 $\sim$ 30 Kg/cm <sup>2</sup>
Engine for pump	NS-90C	1	Diesel Engine 1,800 rpm/8.5 PS
Mud Mixer	MCE-100A	1	Volume 100%, 800 ~ 1,000 rpm/min
Derrick		1	Wooden
Rod Holer	RH-85	1	Hand Type
Drill Rods	NQ-WL	50	3.00 M/PC
	BQ-WL	70	3.00 M/PC
Casing Pipes	NW	30	3.00 M/PC
	"	3	1.00 M/PC
	BW	50	3.00 M/PC

A. II-2 Supplies and Consumed Parts for Drilling

		<u> </u>		_	Qua	ntity		•	
Description	Specification	Unit	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7
Light oil	<u> </u>	£	990	990	1,530	1,260	1,250	1,690	2,340
Mobil oil		2	10	10	10	20	10	25	180
Hydraulic oil		£	-	-	10	_	-	-	80
Grease		kg	20	_	-	-	-	· –	23
Bentonite	50 kg/bag	Bag	10	12	15	27	35	50	38
Libonite		kg		30	30	70	60	120	135
Tel-cellose		kg	10	10	15	20	15	25	20
Cement	50 kg/bag	Bag	10	-	-	6	5	15	11
Tel-stop		kg	10		-	60	60	110	10
Emale 20C		2	•	-	-	50	20	20	20
Metal crown	101mm	Pc	1	5	3	4	2	2	2
Single core tube	99mm x 0.5m	Set		1_	-	<b>-</b>	_	-	-
Double core tube	99mm x 1.5m	"	1	-	-		-	-	-
Wire line core barrel	x Om	"							
11 11	NQ × 3.00m	1)	1						
11 11	BQ x 3.00m	71	1		_		_	-	
Inner tube assembly	x Om	11						<u> </u>	
11	NQ x 3.00m	''	_	-	1	_	_	_	
11 11	BQ x 3.00m	"	-	-	-	1	_	_	
Outer tube	x Om	Pc							
"	NQ x 3.00m	17	-	1	-	_	-	_	
11	BQ x 3.00m	''	1		-		-		
Inner tube	x 3.00m	1,			1	<u> </u>			1
11	NQ x 3.00m	,1	_	1	-	-			_
II	BQ x 3.00m	1"	<del>-</del>	-	1	-	-	-	_
Casing metal shoe		77							
11	NW	11	1	1	1	1	1	1	1
)I	BW	"	1	1	1	1	1	1	1
Rag		kg	15	10	10	10	10	10	15
Core box		Pc	15	13	16	14	22	20	31
Wire	10	kg	20	10	10	20	20	10	20
11	12	"	15	10	10	10	10	10	10
Nail		11	5	3	5	10	3	2	5
Wire rope	6mm x 200m	Ro11	0.5	<u> </u>	<u> </u>	<u> </u>	0.5		0
11	12mm x 90m	11	1	<u>  -</u> _	<b>  -</b> _		<u> </u>	-	-
Manila rope	18mm x 100m	Pc	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<del>  -</del>	<u> </u>
Vinyl rope	9mm × 300m	13	0.5				0.5		-
Pump packing		"	-	1	-	-	-	<u> </u>	-
Valve steel ball	38.1¢	11		<u> </u>	1		<u> </u>		

Supplies and Consumed Parts for Drilling-Continued

Description	Specification	Unit			Qua	ntity			
Description	specification	DRIL	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7
Piston rod		Pc		_	1	_	_		
Guide pipe		11							
11	NQ	11		-	1		_		
17	BQ	11		1	-		_		<u>-</u>
Guide coupling		11							
11	NQ	-11		-	1	-	_	-	_
t i	BQ	11		1			_		
Suction hose	38mm x 3.0m	11	1	1		-	_	-	_
Water swivel packing		11		1	_	1	-	-	_
Water swivel spindle		11	-	_	1	-	-	-	
V-belt	TOM-3 F31-912	Set	1	_	-	-	1	-	_
11		"							
Core lifter		Pc	ļ						<del></del>
11	NQ	11	2	1	3	4	2	1	2
17	BQ	11	2	2	2	3	2	2	2
Core lifter case		"					-	_	
***	NQ	"	1	1	1	2	1	1	1
<b>31</b>	BQ	"	2	1	1	1	2	1	2

A. II - 3 Preparation and Removal

Item		Hole No.	ā.	PD-1	Iā.	PD-2	I.G.	PD-3	- G	₽D−4	 PD	PD-5	1d	PD-6	Id	PD-7
		<u>,</u>	8th.D	8th.Dcec.'81	lst.Dcec.	cec. '81	18th.	18th.Nov.'81	10th.N	10th.Nov.'81	28th.Oct.	)ct. '81	16th.Oct	Oct. '81	21th.Spt.	pt.'81
Σ.	Preparation	117	10th.Dcec.	cec. '81	2nd.Dcec.	cec. *81	22th.1	22th.Nov.'81	10th. Nov.	lov. '81	lst.Nov.	lov. '81	16th.C	16th.Oct.'81	30th.8	30th.Spt.'81
.,	removal	45.0	15th.D	15th.Dcec.'81	7th.D	7th. Dcec. '81	30th.1	30th.Nov.'81	17th.Nov.	lov. '81	9th.Nov.	lov. '81	27th.Oct.	Jct. '81	15th.Oct.'	ct.'81
	- 10	1	16th.D	16th.Dcec.'81	7ch. D	7th.Deec.'81	30th.1	30th.Nov.'81	17th.N	17th.Nov.'81	9th.	9th.Nov. '81	27th.0	27th.0ct.'81	15th.C	15th.Oct.'81
			Days	Man- shifts	Days	Man- shifts	Days	Man- shifts	Days	Man- shifts	Days	Man- shifts	Days	Man- shifts	Days	Man shifts
	Access road	ađ			0.5	6			0.3	99			0.3	9		
иот	Haulage		F	18			3	63			е	7.0	0.3	7		
srst	Installation	ion	1	18	0.5	9	1.7	32	0.3	7	1.7	31			2	20
Prep	Water pipe	ęs	0.3	6	0.3	8	0.3	9			0.3	9			r	10
	Test run,	etc.													7	40
	Total		2.3	57	1.3	81	5	101	9.0	13	5	107	9.0	13	01	02
	Dismounting	สเ	1.0	15	0.2	3	0.2	3	0.4	3	0.5	9	0.5	4	0.3	4
	Pipe removal	ral	0.4	9	0.2	3	0.2	3	0.4	3	0.5	7	5*0	9	0.3	9
oval	Haulage															
Веш	Road rein- statement															
	Others															
	Total		1.4	21	0.4	9	0.4	9	0.8	9	1	10	1	10	9.0	10
	Grand Total	11	2.7	99	1.7	24	5.4	107	1.4	19	9	117	1.6	23	10.6	80

# A. II-4 Operational Results of Drill Hole, PD-1

Period		;	Period		Number of Days	Actu Work Day	ing	Day Off	Total Number of Workers
Per	Preparation	8th.Dcec.	81~10th.Dc	ec.'81	2.3	2.	3	-	45
n.g	Drilling	10th.Dcec.	'81∿15th.D	cec.'81	5.3	5.	3	-	97
Working	Removing	15th.Dcec.	'81∿16th.D	cec.'81	1.4	1.	4		21
13	Total	8th.Dcec.	81∿16th.Dc	ec.'81	9.0	9.	0	_	163
Length	Planned Length	80.00	Over- burden	m 4.30	Core Re	cover	y fo	r each 10	0 m section
	Increase or Decrease in Length	m	Core Length	m 79.20	Der of Hol		s	ection	Total
Drilling	Length Drilled	m 83.50	Core Recovery	100%	0~83.	. 50m		100%	100%
	Drilling	65°00'	47.8%	37.8%					
	Hoisting & Lowering Rod	10°00'	7.4%	5.8%					
	Hoisting & Lowering I.T.	35°00'	25.7%	20.3%					
e e	Miscellaneous	18°00'	13.2%	10.5%	1	Effici	ency	of Drill	ing
Time	Repairing		- %	- %	83.50 ш				9.27 m/day
Working	Others	8°00'	5.9%	4.7%	83.50 m/Working Days		9.27 m/day		
, K	Sub Total	136°00'	100.0%	79.1%	83.50 ш,				15.75 m/day
3	Preparation	13°00'	<b>-</b>	7.5%	83.50 m/Net Drilling Days		15.75 m/day		
	Preparation	23°00'	_	13.4%	Total w	orkers	/ 83	.50 ш	1.95 Man/m
	Grand Total	172°00'	<del>-</del>	100.0%	Total				
Inserted	Pipe Size & Meterage	Inserted Length ( Drilling Length	%) Recov	ery of	Drilling	g & Lo	weri	83.50 m	1.16 Man/m  ng & Lowering 81 Times
	NW 7.40 m	<u> </u>	10	10%					OZ ZZINCO
Pipe	BW 55.70 m			00%	Remarks	_	1 <b>1</b> .		
Casing }					I.T.: I	nner 1	ude		

A. II-5 Operational Results of Drill Hole, PD-2

Period				Period		Number of Days	Wor	ual king ys	Day Off	Total Number of Workers
	Pı	reparation	lst.Dcec.	81∿2nd.Dc	ec.'81	1.3	1	3		18
Cin i	Dı	illing	2nd.Dcec.	81∿7th.Dc	ec.'81	5.3	5	.3	<del></del>	95
Working	Re	moving	7th.Dcec.'	81∿7th.Dc	ec.'81	0.4	0	.4	_	6
	To	tal	lst.Dcec.'	81∿7th.Dc	ec.'81	7.0	7	.0	-	119
Length		anned ength	80.00	Over- burden	19.00	Core Re	cove	ry fo	r each 10	00 m section
Drilling Len	De	crease or crease in ength	m	Core Length	m 48.00	Dep of Hol	1	S	ection	Total
Dril		ngth illed	81.00	Core Recovery	77.4%	0∿81.	00m		77.4%	77.4%
	Dr	illing	68°00'	52.3%	44.2%		ŀ		1	
		isting & wering Rod	11°00'	8.5%	7.1%					
		isting & wering I.T.	43°00'	33.0%	27.9%					
e e	Miscellaneous		8°00'	6.2%	5.2%	E	ffic	lency	of Drill	ing
17	Re	pairing	_	- %	- %	81.00 m/	Work	ing P	eriod	11.57 m/day
Working	0t	hers		- %	- %	81.00 m/	Work	ing D	ays	11.57 m/day
lork		b Total	130°00'	100.0%	84.4%	81.00 m/Drilling Period		Period	15.28 m/day	
د	ing	Preparation	10°00'	-	6.5%	81.00 m/	Net	Drill	ing Days	15.28 m/day
	Removin	Moving	14°00'	-	9.1%	Total wo	rker	s/ 81	.00 ш	1.46 Man/m
	Gr	and Total	154°00'		100.0%	Total				
Inserted		Pipe Size & Meterage	Inserted <u>Length</u> ( Drilling Length	%) Reco	very of ng Pipe	Drilling	& L	oweri	81.00 m	1.17 Man/m  ng & Lowering 104 Times
Pipe	N	W 25.20 m	31.1%	10	00%			- 11111		104 11465
	В	w 53.80 m.	66.4%	10	00%	Remarks				
Casing						I.T.: In	ner	Tube		
Cas								-		

A. II-6 Operational Results of Drill Hole, PD-3

Period				Period		Number of Days	Acti Work Day	cing	Day Off	Total Number of Workers
Per	Γ	Preparation	18th.Nov.	'81∿22th.1	Nov.'81	5.0	5.	.0	-	101
Working	丨	Drilling	23th.Nov.	'81∿30th.	Nov.'81	7.6	7.	6	-	130
l k	Γ	Removing	30th.Nov.	'81~30th.1	lov.'81	0.4	0.	4	-	6
ž	Γ	Total	18th.Nov.	'81∿30th.i	lov.'81	13.0	13.	0		237
Length		Planned Length	m 90.00	Over- burden	28.00	Core Re	cover	y fo	each 10	0 m section
Drilling Le	1	Increase or Decrease in Length	12.	Core Length	51.50	Dept of Hole		Se	ection	Total
Dr41.	1	Length Drilled	m 90.60	Core Recovery	82.2%	0∿90.6	0 m		32.2%	82.2%
	1	Drilling	108°00°	58.1%	44.6%					
		Hoisting & Lowering Rod	13°00'	7.0%	5.4%					
		Hoisting & Lowering I.T.	56°00'	30.1%	23.1%					
	Miscellaneous		9°00'	4.8%	3.7%	E	ffici	ency	of Drill:	ing
	I	Repairing	_	- %	- %	90.60 m/	Work1	ng Pe	riod	6.96 m/day
Working	_	Others	-	- %	- %	90.60 m/Working Days		6.96 m/day		
ork		Sub Total	186°00'	100.0%	76.8%	90.60 m/Drilling Period		11.92 m/day		
<u></u>		Preparation Moving	20°00'	-	8.3%	90.60 m/1	Net Drilling		ng Days	11.92 m/day
	5	Moving	36°00'	-	14.9%	Total workers/ 90.60 m			60 щ	2.61 Man/m
	G	rand Total	242°00'		100.0%	Total				
Inserted		Pipe Size & Meterage	Inserted Length ( Drilling Length	%) Recov	ery of g Pipe	Drilling	& Lo	werin		1.43 Man/m ng & Lowering 134 Times
1pe		NW 24.50 m	27.0%	10	0%	Remarks	•			······································
Casing Pipe	_	BW 64.60 m	71.3%	10	0%	I.T.: Inr	ner Tı	ube		
Casi		•								

A. II-7 Operational Results of Drill Hole, PD-4

Period				Period	<u> </u>	Number of Days	Actual Working Days	Day Off	Total Number of Workers
	1 -	reparation	10th.Nov	.'81∿10th.	Nov. '81	0.6	0.6	<del> </del> -	13
Ing	נו	rilling	10th.Nov	'81∿17th.	Nov. '81	6.6	6.6	_	117
Working	R	Removing	17th.Nov.	.'81∿17th.	Nov. '81	0.8	0.8	_	6
3	T	otal	llth.Nov.	'81∿17th.	Nov.'81	8.0	8.0	-	136
Length	P L	lanned ength	100. m	Over- burden	m 4.10	Core Re	covery f	or each 10	00 m section
Drilling Le		ncrease or ecrease in ength	m	Core Length	m 67.80	Dep of Hol	'     I	Section	Total
Dr.11	L D	ength rilled	100.10	Core Recovery	70.6%	0∿100	.10m	70.6%	70.6%
	D	rilling	93'00'	57.1%	50.5%				
		oisting & owering Rod	9°00'	5.5%	4.9%				<del> </del>
		oisting & owering I.T.	53°00'	32.5%	28.8%				
Time			8°001	4.9%	4.3%	Ef	ficiency	of Drill	ing
	Re	epairing	-	- %	- %	100.10 m	/Working	Period	12.51 m/day
Working	01	thers	-	- %	- %	100.10 m	100.10 m/Working Days 12.		
ork	Sı	ub Total	163°00'	100.0%	88.6%	100.10 m/Drilling Period		Period	15.16 m/day
35	Removing	Preparation	10°00'	-	5.5%	100.10 m/Net Drill		lling Days	15.16 m/day
	Rешо	Moving	11°00'	-	6.0%	Total wor	rkers/ 10	00.10 m	1.36 Man/m
	Gı	rand Total	184°00'		100.0%	Total	***		
Inserted		Pipe Size & Meterage	Inserted Length ( Drilling Length	%) Recov	very of ng Pipe	Drilling	& Loweri		1.17 Man/m  ng & Lowering 146 Times
Pipe	N	W 15.50 m	15.5%	10	00%		10 1111	E 5 1.1.	140 limes
F.	В	3W 62.00 m	61.9%	10	00%	Remarks			
Casing						I.T.: Inr	ier Tube		

A. II-8 Operational Results of Drill Hole, PD-5

Period				Period		Number of Days	Wor	ual king ys	Day Off	Total Number of Workers
	Pr	eparation	28th.Oct.	'81∿1st.N	ov.'81		-	5	-	107
Working	Dr	illing	2nd.Nov.	81∿8th.No	v.'81	7		7	-	101
ork	Re	moving	9th.Nov.	81∿9th.No	v.'81	1		1		10
X	То	tal	28th.Oct.	'81∿9th.N	ov.'81	13	1	3	-	218
Length		anned ngth	m 120.00	Over- burden	m 11.80	Core Re	ecove	ry fo	or each 1	00 m section
Drilling Len	De	crease or crease in ngth	m	Core Length	m 100.60	Dep of Hole		S	Section	Total
Dr11		ngth illed	120.70	Core Recovery	92.4%	0 ~ 10	00 m		95.0%	95.0%
	Dr	illing	126°00'	71.6%	55.3%	100~120	0.70		80.3%	92.3%
		isting & wering Rod	6°00'	3.4%	2.6%					
		isting & wering I.T.	40°00'	22.7%	17.5%					
пе			4°00'	2.3%	1.8%		Effi	cienc	y of Dri	lling
Time	Re	pairing	-	%		120.70 r	m/Working Period			9.28 m/day
Working	0t	ers - %		- %	120.70 1	n/Wor	king	Days	9.28 m/day	
ork	Su	b Total	176°00'	100.0%	77.2%				17.24 m/day	
3	Lng	Preparation	17°00'	-	7.5%	120.70	n/Net	Dri]	ling Day	s 17.24 m/day
	Removing	Moving	35°00'	-	15.3%	Total w	orker	s/ 12	20.70 m	1.81 Man/m
	Gr	and Total	228°00'	_	100.0%	Total				
ď			Inserted				g Wor	kers	120.70	m 0.84 Man/m
Inserted		Pipe Size & Meterage	Length ( Drilling Length	(%) Reco	very of ng Pipe	Hoistin Rod	g & 1	ower:	ng Hoist	ing & Lowering 148 Times
	N	W 12.00 m	9.9%	10	00%	Remarks				
Pipe	B	W 75.00 m	62.1%	10	00%	I.T.: In	ner	Tube		
gu								7000		
Casing										
ت				<u> </u>		n				

A. II-9 Operational Results of Drill Hole, PD-6

Period				Period		Number of Days	Actual Working Days	Day Off	Total Number of Workers
		reparation	16th.Oct	81∿16th.0	ct.'81	0.6	0.6	_	13
Working	Di	rilling	16th.Oct.	'81∿26th.	Oct.'81	10.4	10.4	_	135
ork	Re	emoving	27th.Oct.	81∿27th.(	Oct.'81	1.0	1.0	-	10
3	To	otal	16th.Oct.	'81∿27th.(	Oct.'81	12.0	12.0	-	158
Length		lanned ength	120.00	Over- burden	6.70	Core Re	covery f	or each 10	O m section
Drilling Le	De	crease or crease in ength	m	Core Length	96.80	Dept of Hole		Section	Total
Dr.11		ngth illed	m 120.60	Core Recovery	84.9%	0 ∿ 10	0 m	82.3%	82.3%
	Dr	illing	142°00'	59.2%	53.8%	100~120	.60 m.	97.0%	84.9%
	l	isting & wering Rod	10°00'	4.2%	3.8%				
	Ho Lo	isting & wering I.T.	59°00'	24.6%	22.3%				
Time	Mi	scellaneous	14°00'	5.8%	5.3%		Efficie	ncy of Dri	lling
	Re	pairing	_	- %	- %	120.60 m	/Working	Period	10.05 m/day
Working	0t	hers	15°00'	6.2%	5.7%	120.60 m	/Working	Days	10.05 m/day
fort	_	b Total	240°001	100.0%	90.9%	120.60 ш	/Drillin	g Period	11.59 m/day
	ing.	Preparation	8°00'	-	3.0%	120.60 m	/Net Dri	lling Days	11.59 m/day
	Removing	Moving	16°00'	<del>-</del>	6.1%	Total wo	rkers/ 1	20.60 m	1.31 Man/m
	Gr	and Total	264°00'	-	100.0%	Total			
Inserted		Pipe Size & Meterage	Inserted Length () Drilling Length	ሄ) Recov	ery of g Pipe	Drilling	& Lower:	/ 120.60 m ing Hoistin	1.11 Man/m
Pipe	N	W 16.00 m	13.2%	10	0%	<b></b>		1.1.	1/0 11005
	В	W 72.10 m	59.7%	10	0%	Remarks			
Casing						I.T.: In	ner Tube		

A. II-10 Operational Results of Drill Hole, PD-7

Period				Period		Number of Days	Actua Worki Days	=	Total Number of Workers
	Pr	eparation	21th.Spt.	'81∿30th.	Spt.'81	10	5	5	70
Working	Dr	illing	lst.Oct.	81∿15th.0	ct.'81	14.4	14.4	-	211
P. A.	Rei	noving	15th.Oct.	'81∿15th.	Oct.'81	0.6	0.6	-	10
≥	To	tal	21th.Spt.	'81∿15th.	Oct. '81	25.0	20.0	5	291
ngth		anned ngth	160.00	Over- burden	m 4.0	Core Re	covery	for each 1	00 m section
Orilling Length	De	crease or crease in ngth	m	Core Length	m 152.30	Dept of Hole	ļ	Section	Total
Dr11	1	ngth illed	160.70	Core Recovery	97.1%	0 ∿ 10	т 00	96.8%	96.8%
	Dr	illing	98°00'	30.2%	26.6%	100~160	0.70 m	97.6%	97.1%
		isting & wering Rod	13°00'	4.0%	3.5%				
	•	isting & wering I.T.	169°00'	52.2%	45.9%				
Time	Mi	sceelaneous	28°001	8.7%	7.6%	Ef	ficien	cy of Drill	ing
	Re	pairing	-	- %	- %	160.70 r	n/Worki	ng Period	6.43 m/day
Working	Ot	hers	16°00'	4.9%	4.4%	160.70 r	n/Worki	ng Days	8.04 m/day
lork		b Total	324°001	100.0%	88.0%	160.70 r	n/Drill	ing Period	11.16 m/day
3	ing.	Preparation	40°00'	_	10.9%	160.70 1	n/Net D	rilling Day	s 11.16 m/day
	Removing	Moving	4°00'	-	1.1%	Total wo	orkers/	160.70 m	1.81 Man/m
L	Gr	and Total	368°001	_	100.0%	Total			
Inserted		Pipe Size & Meterage	Inserted Length ( Drilling Length	%) Reco	very of	Drilling	g & Low	ering Hoist	m 1.31 Man/m ing & Lowering 294 Times
	N	W 13.10 m	8.1%	1	00%	<u> </u>			27, 12,000
Pipe		W 113.10 m	70.3%		00%	Remarks			
	一		70.5%	<del></del>		I.T.: In	nner Tu	be	i
Casing							<u>, , , , , , , , , , , , , , , , , , , </u>		

A. II-11 Summerized Operational Data of Each Drill Hole

	Remarks					ļ			
	Ren	:							
	* ** m/shift m/shift	5.52	90*5	76°E	10.3	5.75	4.31	4.12	4.65
	* m/shift	5.57	5.40	4.12	5.27	6.04	5.03	4.59	5.05
	Total	16	16	23	20	21	28	39	163
	Casing etc.	Ι	τ	1	1	1	7	7	13
	Drilling	15	15	22	19	20	24	35	150
	Recovery	0.001	77.4	82.2	70.6	92.3	84.9	97.1	87.7
	Length	79.20	48.00	51.50	67.80	100.60	96.80	152.30	596.20
Drilling	length	83,50	81.00	90.60	100.10	120.70	120.60	160.70	757.20
Det 11 fng nouted	nortad Sittle	lOth.Doec.'81 v 15th.Doec.'81	2th.Dcec.'81 ∿ 7th.Dcec.'81	23th.Nov.'81 ~30th.Nov.'81	10th.Nov.'81 ~17th.Nov.'81	2th.Nov.'81 ~ 8th.Nov.'81	16th.Oct.'81 ~ 26th.Oct.'81	lst.Oct.'81 ~ 15th.Oct.'81	
Type of	machine	TOM-3	TOM-3	TOM-3	TOM-3	TOM-3	TOM-3	TOM-3	Total
Drill hole	No.	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7	

\* Drilled per one shift covering net drilling operations. \*\* Drilled per one shift covering total works conducted.

A. II-12 Working Time of Each Drill Hole

	Total	172°00'	154°00'	242°00'	184°00°	228°00'	264°00	368°00°	257°00' 1,612°00'	
No	operation	36°001	24°00'	56°001	21°00'	52°00'	24°00'	44°00'	257°001	
	Others	8°001	ı	i	I	ı	15°00'	16°00'	39°001	
	Repairs	ı	1	ı	l	ı	l	1		
	Others	8°00'	,	1°00°	ı	ı	6°00°	12°00'	27°00'	
Miscellaneous	Hole reaming	-	ľ	1	1	J	ı	1		100,68
Misc	Casing insertion	10.001	8°001	8°001	8.001	400.	8°001	16°00'	62°00'	
& lowering	d & L.T. Inner tube	35°001	43,001	56°001	53°00'	40,001	59°00¹	169°00'	455°001	
Hoisting &	Rod	10,00,	11°00'	13°00'	100°6	6°001	10,00	13,00,	72°00'	
	Dilling .	65°00'	68°00"	108,001	93°001	126°00'	142°00'	100,86	700.007	
Drill holo	No.	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7	Total	

A. II-13 Drilling Meterage of Diamond Bits

Item	Size	Temo	Bit No.		Drill:	ing met	erage by	y drill er	hole.		
Trem	Size	Туре	BIT NO.	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7	Total
	NX	NQ-WL	M-3773	15.10							15.10
			M-3774	10.50							10.50
			M-3775	9.20				Ì.			9.20
			M-3776	13,50							13.50
			M-3777		5.10						5.10
			M-3778		8.70				_		8.70
			M-3779		4.00			-			4.00
			M-3780		10.80						10.80
			M-3781			13.00					13.00
			M-3782			15.10					15.10
			M-3783			12.00					12.00
			M-3784				4.20			<del></del>	4.20
			M-3785				6.80				6.80
		l i	M-3786				10.00				10.00
			M-3787				11.00				11.00
Bit			M-3788				14.50				14.50
			M-3789					13.60			13.60
			M-3790					16.20			16.20
			M-3791					16.80			16.80
.	į		M-3792					16.40			16.40
			M-3793						9.10		9.10
		[	M-3794						17.10		17.10
			M-3795						15.00		15.00
			M-3796	_					14.90		14.90
			M-3797							5.60	5.60
İ			M-3798							8.40	8.40
			M-3799							18.10	18.10
			M-3800							11.20	11.20
			F-1016							14.80	14.80
		Ì	F-1020							16.00	16.00
	Ì		F-6534							15.00	15.00
1			F-6536							11.90	11.90
_			Total	48.30	28.60	40.10	46.50	63.00	56.10	101.00	383.60

Item	Size	Tuno	Bit No.		Drill:	ing mete Ur	erage by		hole.		1
rtem	2126	Туре	DIL NO.	PD-1	PD-2	PD-3	PD-4	PD-5	PD-6	PD-7	
	ВХ	BW-WL	M-3801	8.10							8.10
			M-3802	10.00							10.00
			M-3803	9.70							9.70
			M-3804		6,20						6.20
			M-3805		9.40						9.40
			M-3806		11.60						11.60
			M-3807			5.30					5,30
			M-3808			8.10					8.10
			M-3809			12.60					12.60
			M-3810				4.80				4.80
			M-3811				6.10				6.10
			M-3812				9.60				9.60
			M-3813				4.60				4.60
			M-3814]				5.50				5.50
			M-3815				7.50				7.50
			M-3816					13.70			13,70
			M-3817					18,10			18.10
			M-3818			Ì		13.90			13.90
			M-3819						10.50		10.50
			M-3820						13.00		13.00
			M-3821						4.00		4.00
			M-3822						2.50		2.50
			M-3823	-					4.30		4.30
			M-3824						6.20		6.20
			M-3825						8.00		8.00
			F-6648							16.00	16.00
			C-2808					-		14.00	14.00
			C-2809							17.60	17.60
			Total	27.80	27.20	26.00	38.10	45.70	48.50	47.60	260.90

A. II-14 Specifications of Diamond Bits

Size	Type	Carats per bit	Matrix	Stones per carat	Water way	Number	Remark
	NQ-WL	30	ZZ	1/30	4	M-3773	Reset
		30	Z	1/30	4	M-3774	11
		30	Z	1/30	4	M-3775	11
		30	Y	1/30	4	M-3776	11
		30	Z	1/30	4	M-3777	11
		30	Z	1/30	4	M-3778	)1
		30	ZZ	1/30	4	M-3779	11
		30	Z	1/30	4	M-3780	11
		30	Z	1/30	4	M-3781	11
		30	Z	1/30	4	M-3782	11
		30	Z	1/30	4	M-3783	11
		30	ZZ	1/30	4	M-3784	11
		30	ZZ	1/30	4	M-3785	11
		30	Z	1/30	4	M-3786	11
		30	Z	1/30	4	M-3787	11
NX		30	Z	1/30	4	M-3788	(1
Ì		30	ZZ	1/30	4	M-3789	<del></del>
l		30	Z	1/30	4	M-3790	*1
:		30	Z	1/30	4	M-3791	11
		30	Z	1/30	4	M-3792	11
		30	Z	1/30	4	M-3793	11
		30	Z	1/30	4	M-3794	tt
		30	ZZ	1/30	4	M-3795	†I
		30	Z	1/30	4	M-3796	11
		30	ZZ	1/30	4	M-3797	II
		30	ZZ	1/30	4	M-3798	· · · · · · · · · · · · · · · · · · ·
	Ì	30	ZZ	1/30	4	M-3799	11
	ļ	30	ZZ	1/30	4	м-3800	1)
	Ì	30	Z	1/30	4	F-1016	71
		30	Z	1/30	4	F-1020	11
		30	Y	1/30	4	F-6534	11
	Ī	30	Y	1/30	4	F-6536	7.6

Specifications of diamond bits

Size	Туре	Carats per bit	Matrix	Stones per carat	Water way	Number	Remark
	BQ-WL	20	Z	1/30	4	M-3801	Reset
		20	Z	1/30	4	M-3802	11
		20	Z	1/30	4	M-3803	11
		20	ZZ	1/30	4	M-3804	11
		20	Z	1/30	4	M-3805	11
		20	Z	1/30	4	M-3806	17
		20	ZZ	1/30	4	M-3807	/1
		20	ZZ	1/30	4	M-3808	***
		20	Z	1/30	4	м-3809	11
		20	Z	1/30	4	M-3810	11
		20	Z	1/30	4	M-3811	11
		20	Z	1/30	4	M-3812	11
		20	Z	1/30	4	M-3813	11
вх		20	ZZ	1/30	4	M-3814	I P
		20	ZZ	1/30	4	M-3815	11
		20	Z	1/30	4	M-3816	17
		20	Z	1/30	4	M-3817	11
		20	Z	1/30	4	M-3818	11
		20	ZZ	1/30	4	M-3819	11
		20	Z	1/30	4	M-3820	11
		20	ZZ	1/30	4	M-3821	15
		20	ZZ	1/30	4	M-3822	"
:		20	ZZ	1/30	4	M-3823	11
		20	Z	1/30	4	M-3824	11
		20	Z	1/30	4	M-3825	11
		20	Y	1/30	4	F-6648	11
]		20	Z	1/30	4	C-2808	11
		20	Z	1/30	4	C-2809	11

A. I-15 Assay Results of the Drilled Core

Sample No.	Length (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Sь (%)	As (%)
D 1006	6.4~ 7.0	tr	tr	0.02	0.00	0.00	0.01	0.03
D 1016	15.8~17.1	tr	tr	0.02	0.00	0.00	0.00	0.00
D 1019	18.8~19.2	tr	tr	0.01	0.00	0.00	0.00	0.00
D 1033	33.3\34.1	tr	tr	0.01	0.01	0.04	0.00	0.01
D 1045	45.3~46.3	tr	tr	0.00	0.00	0.01	0.00	0.02
D 2051	51.0\51.6	tr	tr	0.01	0.00	0.00	0.00	0.00
D 2065	65.6~66.4	tr	tr	0.02	0.01	0.01	0.01	0.03
D 2066	66.4~67.0	tr	tr	0.01	0.01	0.01	0.01	0.03
D 2067	67.0~67.8	tr	tr	0.01	0.00	0.01	0.00	0.01
D 2072	72.2~72.7	tr	tr	0.01	0.00	0.01	0.00	0.01
D 2073	73.1~73.8	tr	tr	0.01	0.00	0.01	0.00	0.01
D 2074	73.8~75.7	tr	tr	0.01	0.00	0.00	0.00	0.00
D 2075	75.7∿76.3	tr	tr	0.01	0.00	0.01	0.00	0.01
D 3048	48.2~49.5	tr	3	0.01	0.00	0.11	0.01	0.15
D 3051	51.5~54.0	0.2	4	0.05	0.01	0.09	0.01	0.13
D 3057	57.3∿58.5	tr	tr	0.01	0.00	0.04	0.01	0.10
D 3066	65.7∿66.9	tr	tr	0.01	0.01	0.03	0.01	0.09
D 3069	69.0~70.4	tr	tr	0.01	0.01	0.01	0.01	0.09
D 3073	72.7~74.1	tr	tr	0.00	0.02	0.08	0.01	0.24
D 3080	80.2~81.0	9.6	5	0.04	0.00	0.00	0.01	0.01
D 3087	86.7~87.4	0.2	4	0.02	0.01	0.10	0.01	0.05
D 4060	60.5~64.8	tr	tr	0.01	0.01	0.04	0.01	0.08
D 4065	64.8~69.0	tr	tr	0.01	0.01	0.05	0.01	0.09
D 4069	69.0~71.8	tr	tr	0.01	0.01	0.07	0.01	0.16
D 5087	86.9~87.4	9.0	105	0.44	0.06	13.14	0.03	17.54
D 5095	94.9~95.8	0.4	8	0.02	0.02	0.67	0.01	1.67
D 5096	99.5∿100.0	tr	tr	0.00	0.01	0.01	0.00	0.03
D 5105	104.9~106.6	1.6	14	0.03	0.05	0.63	0.00	2.41
D 5108	108.6∿110.0	0.5	23	0.09	0.10	1.04	0.00	1.55
D 5110	110.0~113.7	0.7	6	0.04	0.09	0.58	0.00	1.28
D 5114	113.7~115.0	1.5	8	0.02	0.12	0.30	0.00	0.82
D 5118	117.8~118.8	tr	tr	0.00	0.01	0.01	0.01	0.05
D 6064	63.6~65.0	0.5	12	0.03	0.00	0.09	0.00	0.06
D 6065	65.0~66.0	2.0	25	0.12	0.01	1.94	0.00	4.36

Sample No.	Length (m)	Au (g/t)	Ag (g/t)	Cu (%)	Pb (%)	Zn (%)	Sb (%)	As (%)
D 6066	66.0~67.0	4.8	57	0.12	0.14	3.33	0.01	2.92
D 6067	67.0∿68.0	0.6	12	0.04	0.01	1.03	0.00	2.15
D 6068	68.0~70.0	0.6	18	0.03	0.05	0.57	0.00	0.28
D 6070	70.0~72.0	0.1	6	0.01	0.01	0.10	0.00	0.03
D 6072	72.0~74.0	2.6	30	0.07	0.03	1.80	0.01	3.18
D 6074	74.0∿75.9	4.6	36	0.07	0.05	3.02	0.00	1.21
D 6076	75.9∿78.0	0.2	9	0.03	0.01	0.78	0.00	0.04
D 6078	78.0∿80.0	tr	2	0.01	0.01	0.20	0.01	0.08
D 6080	80.0\81.8	tr	tr	0.00	0.00	0.06	0.00	0.03
D 6082	81.8~84.0	7.1	120	0.22	0.18	6.87	0.02	3.24
D 6084	84.0~85.0	4.6	116	0.21	0.17	4.78	0.01	4.27
D 6086	85.8~87.5	3.8	76	0.33	0.17	8.08	0.01	5.02
D 6087	87.5~89.2	4.5	20	0.06	0.05	2.42	0.01	9.94
D 6090	89.2∿90.9	3.3	18	0.08	0.03	1.75	0.00	3.76
D 6091	90.9∿93.0	25.4	19	0.04	0.02	0.17	0.00	0.32
D 6093	93.0∿94.0	1.2	9	0.02	0.03	0.36	0.00	0.03
D 6094	94.0∿95.6	0.7	2	0.01	0.01	0.05	0.00	0.56
D 6096	95.6~98.0	tr	tr	0.02	0.00	0.09	0.00	0.14
D 6098	98.0∿99.2	0.2	2	0.02	0.00	0.06	0.00	0.03
D 7053	53.2∿53.7	0.8	104	0.66	0.01	0.09	0.00	0.79
D 7099	99.0∿100.0	1.3	4	0.01	0.08	0.08	0.00	0.05
D 7132	132.0~132.5	tr	tr	0.01	0.00	0.00	0.00	0.00
D 7135	135.6∿137.0	tr	tr	0.01	0.00	0.14	0.00	0.00
D 7137	137.0~138.4	tr	tr	0.02	0.00	0.03	0.00	0.00
D 7138	138.4~140.0	tr	14	0.11	0.00	0.01	0.00	0.01
D 7140	140.0~141.6	0.2	28	0.23	0.00	0.02	0.00	0.04
D 7141	141.6~142.2	tr	tr	0.01	0.00	0.00	0.00	0.01
D 7142	142.2~143.1	0.2	16	0.06	0.00	0.10	0.00	0.03
D 7143	143.1~145.1	7.0	92	0.22	0.11	10.91	0.02	12.63
D 7145	145.1~146.5	1.4	22	0.07	0.02	2.31	0.00	0.52
D 7146	146.5~147.7	2.2	16	0.06	0.00	0.73	0.00	0.02

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A. II - 16 Microscopic Observation of the Thin Sections

Sample	Location	Macroscopic descriptions	Microscopic observations
D1006	PD-1	Green rock	Altered andesite Porphyritic texture
			Inis rock is identified as an igneous rock from its relic texture.  Phenocryst: Mafic mineral, plagioclase.  Mafic mineral (Max:2.5m/m) suffer from amphibole alteration, chloritization and calcitization with opaque mineral.
D1073	PD-1	Tuff breccia	Altered andesitic rock Porpyritic texture There are two part, that is, the one poor in phenocryst and the other abundant in phenocryst. The part poor in phenocryst.
			Phenocryst: Mafic mineral changes to psudomorph except the inner clinopyroxene part, and is filled with amphibode, epidote, chlorite, calcite and sericite. Plagioclase is replaced by anhedral quartz and epidote. Spherulitic part is filled with anhedral quartz and
			fine grained epidote. Groundmass: Clinopyroxene, epidote, chlorite and felsic mineral. The part abundant in phenocryst,
			epidote. Chlorite, sericite and amphibole occur along the crack. Groundmass: Acicular hornblende, sericite and granular opaque minerals, and chlorite.
D2051.2	PD-2	Tuff breccia	Andesitic rock Porpyritic texture Phenocryst : Plagioclase (Max:2.0m/m), mafic mineral. Plagioclase is cloudy with sericitization and potassic alteration. Mafic mineral also altered to sericite and chlorite.

Sample No.	Location	Macroscopic descriptions	Microscopic observations
D2051.2	PD-2	ditto	Groundmass: Recrystallized and sericitized anhedral quartz and potassic feldespar. Along the epidote-hornblende vein (Max:2m/m in width), this rock is leucocratic due to silicification and mafic mineral is altered to amphibole.
D3069.5	PD-3	Tuff breccia	Altered rock This altered rock possibly from andesite and wholly altered to chlorite, calcite and sericite except the relict of felsic mineral (quartz). Calcite vein is present.
D3071.7	PD-3	Tuff breccia	Altered andesitic rock Porphyritic texture (?) Phenocryst: Mafic mineral (Clinopyroxene Max:7.0m/m), plagioclase (Max:4.0m/m). Mafic mineral is amphibolized and sericitized. Plagioclase also suffer from sericitization and weak chloritization. Groundmass: Acicular plagioclase and calcite, sericite, chlorite and epidote. Calcite vein (lm/m width) with opaque mineral is visible.
D5120	PD-5	Tuff breccia	Andesitic rock Phenocryst or fragment: Plagioclase, mafic mineral (clinopyroxene?). Plagioclase is intensily sericitized and mafic mineral suffer from calcitization and chloritization. Fine grained plagioclase, felsic mineral, chlorite and calcite constitute groundmass. Anhedral quartz filled spherulitic part. Quartz + calcite vein with opaque mineral develop.

	1		
Microscopic observations	Altered rock Weak brecciate texture Fragment: Aggregation of quartz and sericite, sericite aggregates, aggregation of quartz and carbonate. Matrix: Quartz, sericite, carbonate. Quartz vein is accompanied a part with sphalerite.	Andesitic tuff breccia Brecciate, flow texture. Fragment: Andestic rock, clinopyroxene, plagioclase. Clinopyroxene suffers from amphibole alteration, sericitization and chloritization. Plagioclase is sericitized and cloudy. Matrix: Acicular plagioclase, chlorite and sericite. Some spherulitic parts are replaced by aggregation of quartz, feldspar sericite, epidote and chlorite.	Altered andesite Porphyritic texture Phenocryst: Mafic mineral (clinopyroxene) Plagioclase (Max:6.0m/m) Mafic mineral is completely altered to amphibole and weakly to sericite and chlorite. Plagioclase suffers from sericitization, epidotization, and chloritization. Groundmass: Primary plagioclase laths and opaque mineral with abundant amphibole from clinopyroxene and acicular sericite. Sericite aggregates show patched form.
Macroscopic descriptions	Silicified vein	Green rock	Tuff breccia
Location	PD-6	PD-6	PD-7
Sample No.	D6098	D6102	D7080

Sample No.	Location	Macroscopic descriptions	Microscopic observations
D7126	PD-7	Agglomerate	Altered andesite Porphyritic texture Porphyritic texture Phenocryst: Clinopyroxene, plagioclase. Subhedral clinopyroxene (Max:6.0m/m) suffers from amphibolic alteration, sericitization and chloritization, chloritization, and calcitization. Groundmass: Primary plagiocalse laths and secondary granular amphibole, epidote, sericite, and chlorite. Limonitized opaque minerals are scattered. Locally sericite + hornblende + chlorite vein is visible.
D7160	PD7	Tuff breccia	Andesitic tuff breccia Fragment: Andestic rock (Max:2.0cm in size), plagioclase, clinopyroxene. Mafic minerals in andestic fragment suffer from sericitization, chloritization and amphibolic alteration. Plagioclase is intensely sericitized and groundmass is composed of acicular plagioclase and microcrystalline mineral aggregates. Fragmental plagioclase and clinopyroxene suffer from sericitization and sericitization + amphibolic alteration respectively. Matrix: consists of sericite, chlorite and minute felsic minerals, locally shows flow structure.

A. II-17 Microscopic Observation of the Polished Sections

Sample No.	Location	Macroscopic descriptions	Microscopic observations
D1006	Pb-1	Pyrrhotite-magnetite ore	The constituent minerals are pyrrhotite and magnetite, with a little chalcopyrite. These occur as patch and dissemination. These show anhedral form and coexist closely.
D1016.7	PD-1	Fe-oxide ore	It is composed mainly of Fe-oxide, with a small amount of pyrite, a very small amount of chalcopyrite.
D3080.3	PD-3	Pyrite ore	It is composed mainly of pyrite, with a small amount of chalcopyrite. Pyrite in part is replaced by marcasite.
D5087	PD-5	Pyrite ore	It is composed mainly of pyrite, with a small amount of chalcopyrite. Pyrite includes a very small amount of pyrrhotite (20 to $30~\mu$ m in size), and partly is replaced by marcasite. One grain of electrum of $30~\mu$ m in size and several electrum of $1~\mu$ m to $3~\mu$ m in size are observed in gangue minerals.
D5108.8	PD-5	Pyrite-sphalerite ore	It is composed mainly of pyrite and sphalerite, with a small amount of arsenopyrite, chalcopyrite and galena. A part of pyrite is replaced by marcasite. Sphalerite includes chalcopyrite dots.
D6061	PD-6	Marcasite-pyrrhotite- chalcopyrite ore	The constituent minerals are marcasite, pyrrhotite and chalcopyrite, with a small amount of sphalerite and arsenopyrite. Three minerals of the former coexist closely, and fill the intergranule of crystals of gangue minerals and cracks.

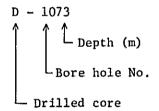
s Microscopic observations	It is composed mainly of pyrite, arsenopyrite and sphalerite, with a small amount of chalcopyrite and galena. Sphalerite includes chalcopyrite dots. Galena is several decade to hundreds \$\mu\$ in size, and is included by pyrite.	Lt is composed mainly of arsenopyrite, sphalerite, pyrite and chalcopyrite, with a little galena.  Argentite (20 μm), polybasite (50 μm) and pyrargyrite (30 μm), which coexist chalcopyrite in pyrite, are observed. Sphalerite includes chalcopyrite dots.  Galena includes stripe of boulangerite (width= 1 to 2 μm, length= 150 μm).	The constituents are sphalerite, arsenopyrite and pyrite, with a very little galena and chalcopyrite. Sphalerite includes chalcopyrite dots. Galena is 100 $\mu$ m to 300 $\mu$ m in size, and is mostly included by pyrite.	It is composed mainly of pyrite, arsenopyrite and sphalerite, and shows brecciated texture.  Chalcopyrite, which surrounds the coarse pyrite of euhedral form, is cut by very fine-grained aggregates of pyrite. Sphalerite is cut and surrounded by very fine-grained aggregates of pyrite as well as chalcopyrite.	It is composed mainly of sphalerite and arsenopyrite, with a small amount of pyrite, and a very small amount of chalcopyrite and galena. Electrum (25 $\mu$ m in size) with which coexists galena is observed at the margin of arsenopyrite.
Macroscopic descriptions	Arsenopyrite-sphalerite ore	Arsenopyrite-sphalerite- pyrite-chalcopyrite ore	Sphalerite-arsenopyrite- pyrite ore	Pyrite-arsenopyrite- sphalerire ore	Sphalerite-arsenopyrite ore
Location	PD-6	PD-6	PD-6	PD-6	PD-7
Sample No.	D6065	D6073	D6083	D6086	D7144

Microscopic observations	The constituent minerals are arsenopyrite, sphalerite and pyrite, with a small amount of chalcopyrite. Sphalerite includes chalcopyrite dots. Pyrite is partly replaced by marcasite.
Macroscopic descriptions	Arsenopyrite-sphalerite- pyrite ore
Location	PD-7
Sample No.	D7145

## A. II-18 Photomicrographs

A. II-18-1 Thin Section

Sample No.	Rock Type
D-1073	Altered andesitic rock
D-2051.2	Andesitic rock
D-2051.2	Andesitic rock
D-3069.5	Altered rock
D-3071.7	Altered andesitic rock
D-7080	Altered andesite
D-7126	Agglomerate
D-7160	Andesitic tuff breccia



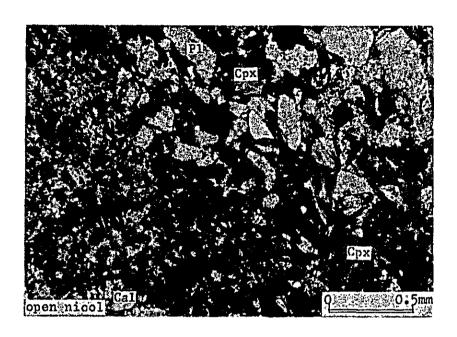
## Abbreviations

Pl : Plagioclase

Qz : Quartz
Ser : Sericite
Chl : Chlorite
Hb : Hornblende

Cpx : Clinopyroxene

Cal : Calcite
Ep : Epidote
Amp : Amphibole
And : Andesite

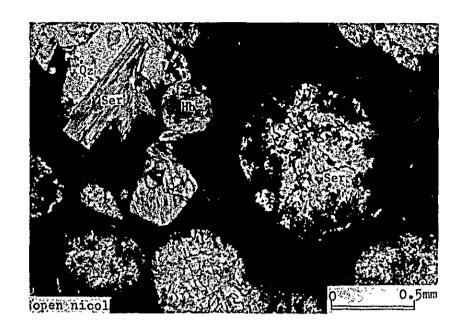


Sample No. D-1073

Rock type:

Altered andesitic rock

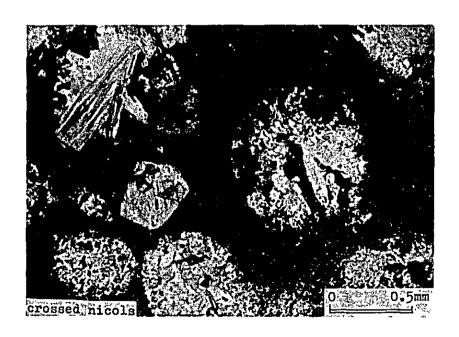


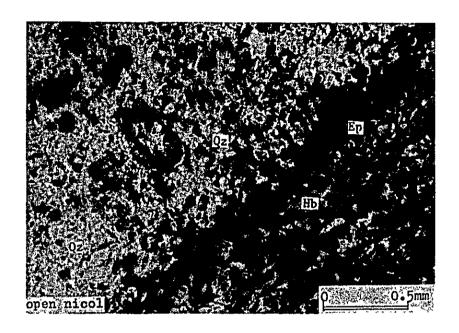


Sample No. D-2051.2

Rock type:

Andesitic rock

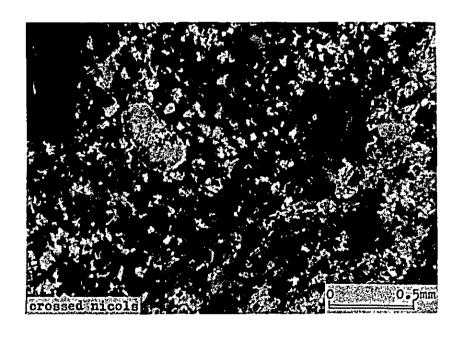


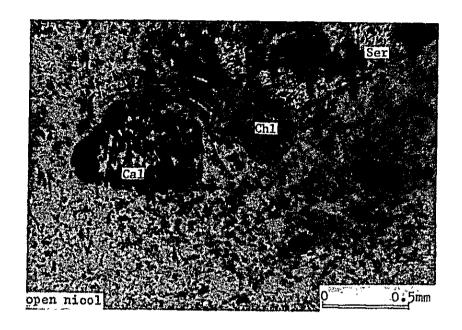


Sample No. 2051.2

Rock type:

Andesitic rock



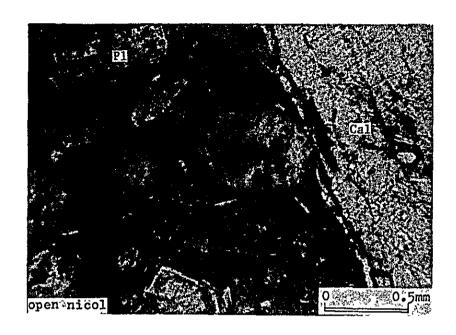


Sample No. D-3069.5

Rock type:

Altered rock





Sample No. D-3071.7

Rock type:

Altered andesitic rock

