

TAS/2/1460

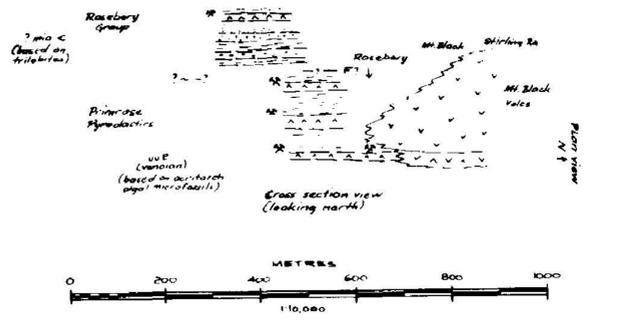
5 cm

1. 200m gravel and siltstone (1) & 200m siltstone  
 2. 100m siltstone with occasional pebbles & thin pyroclastic  
 3. Silt, purple sand & sandstone  
 4. Propylitised zone; minor pyroclastic  
 5. 100m (1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (12) (13) (14) (15) (16) (17) (18) (19) (20) (21) (22) (23) (24) (25) (26) (27) (28) (29) (30) (31) (32) (33) (34) (35) (36) (37) (38) (39) (40) (41) (42) (43) (44) (45) (46) (47) (48) (49) (50) (51) (52) (53) (54) (55) (56) (57) (58) (59) (60) (61) (62) (63) (64) (65) (66) (67) (68) (69) (70) (71) (72) (73) (74) (75) (76) (77) (78) (79) (80) (81) (82) (83) (84) (85) (86) (87) (88) (89) (90) (91) (92) (93) (94) (95) (96) (97) (98) (99) (100) (101) (102) (103) (104) (105) (106) (107) (108) (109) (110) (111) (112) (113) (114) (115) (116) (117) (118) (119) (120) (121) (122) (123) (124) (125) (126) (127) (128) (129) (130) (131) (132) (133) (134) (135) (136) (137) (138) (139) (140) (141) (142) (143) (144) (145) (146) (147) (148) (149) (150) (151) (152) (153) (154) (155) (156) (157) (158) (159) (160) (161) (162) (163) (164) (165) (166) (167) (168) (169) (170) (171) (172) (173) (174) (175) (176) (177) (178) (179) (180) (181) (182) (183) (184) (185) (186) (187) (188) (189) (190) (191) (192) (193) (194) (195) (196) (197) (198) (199) (200) (201) (202) (203) (204) (205) (206) (207) (208) (209) (210) (211) (212) (213) (214) (215) (216) (217) (218) (219) (220) (221) (222) (223) (224) (225) (226) (227) (228) (229) (230) (231) (232) (233) (234) (235) (236) (237) (238) (239) (240) (241) (242) (243) (244) (245) (246) (247) (248) (249) (250) (251) (252) (253) (254) (255) (256) (257) (258) (259) (260) (261) (262) (263) (264) (265) (266) (267) (268) (269) (270) (271) (272) (273) (274) (275) (276) (277) (278) (279) (280) (281) (282) (283) (284) (285) (286) (287) (288) (289) (290) (291) (292) (293) (294) (295) (296) (297) (298) (299) (300) (301) (302) (303) (304) (305) (306) (307) (308) (309) (310) (311) (312) (313) (314) (315) (316) (317) (318) (319) (320) (321) (322) (323) (324) (325) (326) (327) (328) (329) (330) (331) (332) (333) (334) (335) (336) (337) (338) (339) (340) (341) (342) (343) (344) (345) (346) (347) (348) (349) (350) (351) (352) (353) (354) (355) (356) (357) (358) (359) (360) (361) (362) (363) (364) (365) (366) (367) (368) (369) (370) (371) (372) (373) (374) (375) (376) (377) (378) (379) (380) (381) (382) (383) (384) (385) (386) (387) (388) (389) (390) (391) (392) (393) (394) (395) (396) (397) (398) (399) (400) (401) (402) (403) (404) (405) (406) (407) (408) (409) (410) (411) (412) (413) (414) (415) (416) (417) (418) (419) (420) (421) (422) (423) (424) (425) (426) (427) (428) (429) (430) (431) (432) (433) (434) (435) (436) (437) (438) (439) (440) (441) (442) (443) (444) (445) (446) (447) (448) (449) (450) (451) (452) (453) (454) (455) (456) (457) (458) (459) (460) (461) (462) (463) (464) (465) (466) (467) (468) (469) (470) (471) (472) (473) (474) (475) (476) (477) (478) (479) (480) (481) (482) (483) (484) (485) (486) (487) (488) (489) (490) (491) (492) (493) (494) (495) (496) (497) (498) (499) (500) (501) (502) (503) (504) (505) (506) (507) (508) (509) (510) (511) (512) (513) (514) (515) (516) (517) (518) (519) (520) (521) (522) (523) (524) (525) (526) (527) (528) (529) (530) (531) (532) (533) (534) (535) (536) (537) (538) (539) (540) (541) (542) (543) (544) (545) (546) (547) (548) (549) (550) (551) (552) (553) (554) (555) (556) (557) (558) (559) (560) (561) (562) (563) (564) (565) (566) (567) (568) (569) (570) (571) (572) (573) (574) (575) (576) (577) (578) (579) (580) (581) (582) (583) (584) (585) (586) (587) (588) (589) (590) (591) (592) (593) (594) (595) (596) (597) (598) (599) (600) (601) (602) (603) (604) (605) (606) (607) (608) (609) (610) (611) (612) (613) (614) (615) (616) (617) (618) (619) (620) (621) (622) (623) (624) (625) (626) (627) (628) (629) (630) (631) (632) (633) (634) (635) (636) (637) (638) (639) (640) (641) (642) (643) (644) (645) (646) (647) (648) (649) (650) (651) (652) (653) (654) (655) (656) (657) (658) (659) (660) (661) (662) (663) (664) (665) (666) (667) (668) (669) (670) (671) (672) (673) (674) (675) (676) (677) (678) (679) (680) (681) (682) (683) (684) (685) (686) (687) (688) (689) (690) (691) (692) (693) (694) (695) (696) (697) (698) (699) (700) (701) (702) (703) (704) (705) (706) (707) (708) (709) (710) (711) (712) (713) (714) (715) (716) (717) (718) (719) (720) (721) (722) (723) (724) (725) (726) (727) (728) (729) (730) (731) (732) (733) (734) (735) (736) (737) (738) (739) (740) (741) (742) (743) (744) (745) (746) (747) (748) (749) (750) (751) (752) (753) (754) (755) (756) (757) (758) (759) (760) (761) (762) (763) (764) (765) (766) (767) (768) (769) (770) (771) (772) (773) (774) (775) (776) (777) (778) (779) (780) (781) (782) (783) (784) (785) (786) (787) (788) (789) (790) (791) (792) (793) (794) (795) (796) (797) (798) (799) (800) (801) (802) (803) (804) (805) (806) (807) (808) (809) (810) (811) (812) (813) (814) (815) (816) (817) (818) (819) (820) (821) (822) (823) (824) (825) (826) (827) (828) (829) (830) (831) (832) (833) (834) (835) (836) (837) (838) (839) (840) (841) (842) (843) (844) (845) (846) (847) (848) (849) (850) (851) (852) (853) (854) (855) (856) (857) (858) (859) (860) (861) (862) (863) (864) (865) (866) (867) (868) (869) (870) (871) (872) (873) (874) (875) (876) (877) (878) (879) (880) (881) (882) (883) (884) (885) (886) (887) (888) (889) (890) (891) (892) (893) (894) (895) (896) (897) (898) (899) (900) (901) (902) (903) (904) (905) (906) (907) (908) (909) (910) (911) (912) (913) (914) (915) (916) (917) (918) (919) (920) (921) (922) (923) (924) (925) (926) (927) (928) (929) (930) (931) (932) (933) (934) (935) (936) (937) (938) (939) (940) (941) (942) (943) (944) (945) (946) (947) (948) (949) (950) (951) (952) (953) (954) (955) (956) (957) (958) (959) (960) (961) (962) (963) (964) (965) (966) (967) (968) (969) (970) (971) (972) (973) (974) (975) (976) (977) (978) (979) (980) (981) (982) (983) (984) (985) (986) (987) (988) (989) (990) (991) (992) (993) (994) (995) (996) (997) (998) (999) (1000)

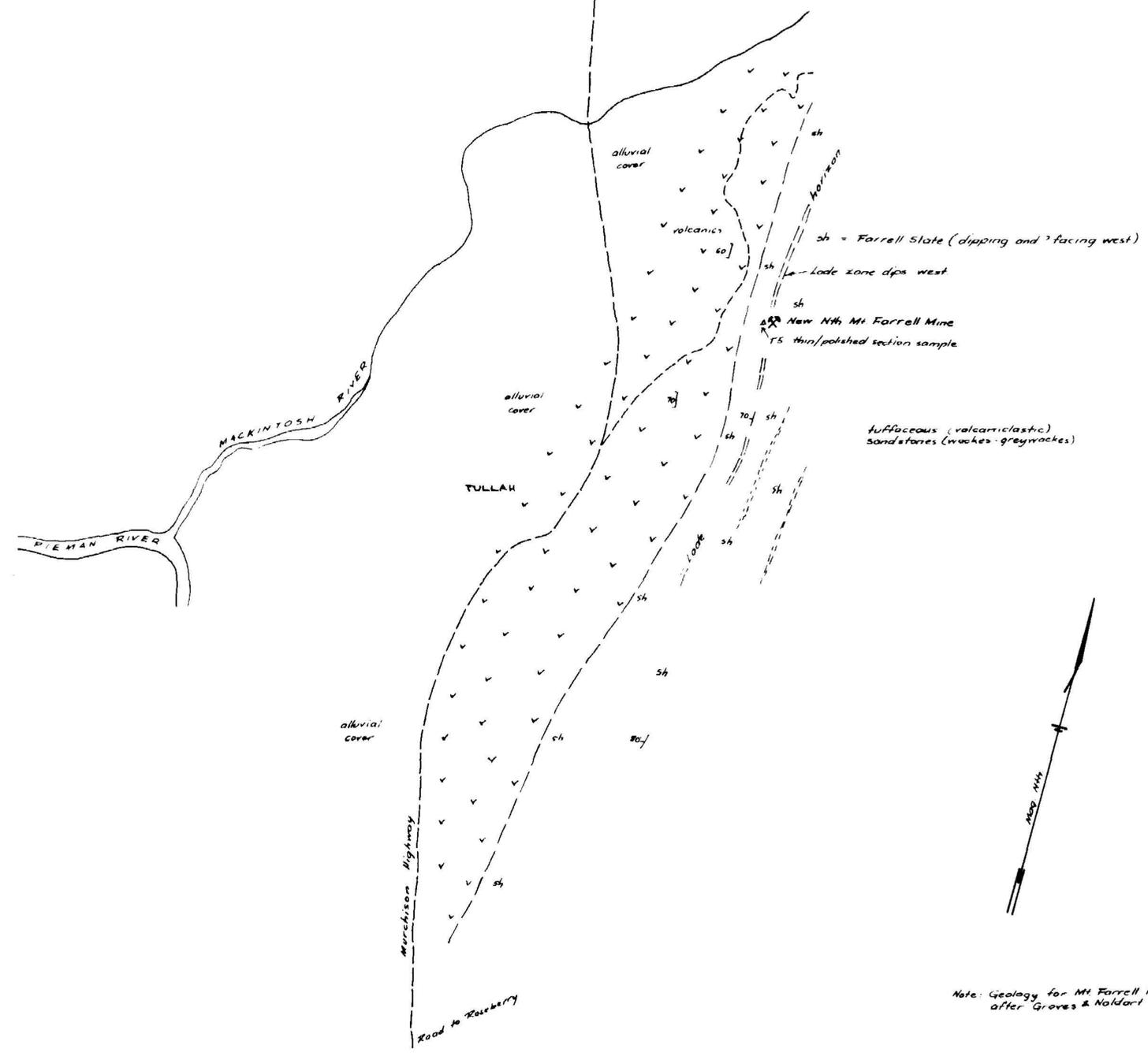
LEGEND:

- |   |  |  |  |   |  |  |   |
|---|--|--|--|---|--|--|---|
| MT. READ GROUP  | <table border="0"> <tr> <td>□</td> <td>Essentially unaltered massive acid volcanics - ash fall pyroclastics (tuffs) and ash flows (ignimbrites) with some flows (lavas)</td> </tr> <tr> <td>□</td> <td>Altered acid volcanics - 5-1 Alt alt - degree of shearing/schistosity. 1 Alt. involves wholesale conversion to pyrophyllite (sericite) chlorite aggregates - silicification may or may not be present.</td> </tr> <tr> <td>□</td> <td>Intercalated acid volcanics and (black) shales [- volcs = shales]</td> </tr> </table> | □  | Essentially unaltered massive acid volcanics - ash fall pyroclastics (tuffs) and ash flows (ignimbrites) with some flows (lavas) | □   | Altered acid volcanics - 5-1 Alt alt - degree of shearing/schistosity. 1 Alt. involves wholesale conversion to pyrophyllite (sericite) chlorite aggregates - silicification may or may not be present. | □  | Intercalated acid volcanics and (black) shales [- volcs = shales] |
|   | □  | Essentially unaltered massive acid volcanics - ash fall pyroclastics (tuffs) and ash flows (ignimbrites) with some flows (lavas)   |  |   |  |  |   |
|   | □  | Altered acid volcanics - 5-1 Alt alt - degree of shearing/schistosity. 1 Alt. involves wholesale conversion to pyrophyllite (sericite) chlorite aggregates - silicification may or may not be present. |  |   |  |  |   |
| □   | Intercalated acid volcanics and (black) shales [- volcs = shales]  |  |  |   |  |  |   |
| <table border="0"> <tr> <td>□</td> <td>Intercalated black shales with reworked tuff (lithic arenite, siltstones, shales) (shales/pelites = tuffs)</td> </tr> <tr> <td>□</td> <td>Green and red conglomerate - congl. - lameric siltstone</td> </tr> </table>  | □  | Intercalated black shales with reworked tuff (lithic arenite, siltstones, shales) (shales/pelites = tuffs)   | □  | Green and red conglomerate - congl. - lameric siltstone |  |  |   |
| □   | Intercalated black shales with reworked tuff (lithic arenite, siltstones, shales) (shales/pelites = tuffs)   |  |  |   |  |  |   |
| □   | Green and red conglomerate - congl. - lameric siltstone  |  |  |   |  |  |   |
| <table border="0"> <tr> <td>□</td> <td>Green and purple shale, black shale, reworked tuff, (greywacke/lithic arenite-lutites) and occasional tuffs (acid)</td> </tr> <tr> <td>□</td> <td>Banded sulphide mineralization in chert.</td> </tr> <tr> <td>□</td> <td>Banded sulphide mineralization in pelite (black shale)</td> </tr> </table> | □  | Green and purple shale, black shale, reworked tuff, (greywacke/lithic arenite-lutites) and occasional tuffs (acid)   | □  | Banded sulphide mineralization in chert.                | □  | Banded sulphide mineralization in pelite (black shale) |   |
| □   | Green and purple shale, black shale, reworked tuff, (greywacke/lithic arenite-lutites) and occasional tuffs (acid)   |  |  |   |  |  |   |
| □   | Banded sulphide mineralization in chert.   |  |  |   |  |  |   |
| □   | Banded sulphide mineralization in pelite (black shale)   |  |  |   |  |  |   |

FACIES RELATIONSHIP:



Note: Data compiled from geology of 1:10,000 & 1:2,500 aerial photos & 1:10,000 scale mapping sheets - grid positions approximate



Note: Geology for Mt. Farrell Mine after Groves & Noldart (1964)

FIG. 7

PREUSSAG AUSTRALIA PTY. LTD.			
COMSTAFF PROJECT - TAS			
REGIONAL GEOLOGY			
PINNACLES - CHESTER - ROSEBERY			
EASTERN SHEET			
Prepared	Date	Drawn	Date
D. J. P.	Sept '77	A. S. C.	Oct. '77
			A2-037