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COMMONWEALTH OF AUSTRALIA.

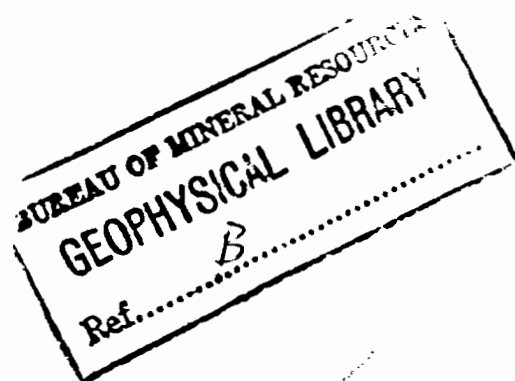
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DEPARTMENT OF NATIONAL DEVELOPMENT.
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS.

RECORDS.

1960/93

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THIN SECTIONS OF ROCKS FROM THE AUSTRALIAN CAPITAL TERRITORY
AND ENVIRONS PREPARED BETWEEN 1947 and 1959.

Compiled by

E.G. Wilson.

The information contained in this report has been obtained by the Department of National Development, as part of the policy of the Commonwealth Government, to assist in the exploration and development of mineral resources. It may not be published in any form or used in a company prospectus without the permission in writing of the Director, Bureau of Mineral Resources, Geology and Geophysics.

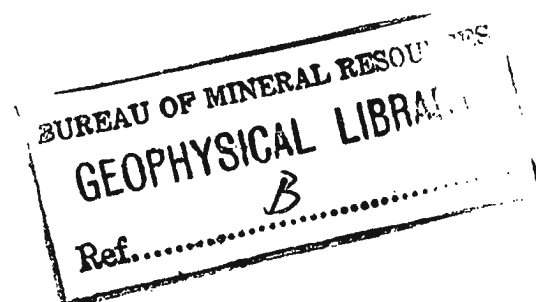
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SUMMARY

This record lists all the available thin sections of rocks from the Australian Capital Territory (including Jervis Bay) collected by the Geological Branch between 1947 and December 1959. A few slides from nearby parts of New South Wales are also listed. Reference to literature containing descriptions of slides is given wherever possible.

INTRODUCTION

Between 1947 and 1959 approximately 300 rock samples from the A.C.T. and environs were sectioned in the Petrological Laboratory at the request of geologists working mainly on reconnaissance surveys of the Territory. In some cases, thin sections were not examined in detail owing to priority of other work, or because the main requirement was a quick report to supplement examination of the hand specimen.

It is considered essential that this work be summarised to facilitate detailed mapping in the future. The object of this record is to list all thin sections, together with the locality from which the rock was obtained, the name given, and a reference to the report or file that refers to each slide. The record is therefore complementary to the index of literature on the geology of the Australian Capital Territory prepared by Joplin and Tomlinson (Noakes & Opik, 1954).

The fire in the Bureau Office in 1953 destroyed some of the slides and hand specimens, and many hand specimens were not retained before the Museum was established; this accounts for the absence of some registered rock numbers from the list. Other rocks may be lodged in the Museum, but have not yet been registered.

The locality from which a specimen has been obtained is defined by the number of the relevant one inch series military map (see Fig. 1) and, where possible, the standard six-figure reference system for military map sheets, i.e. the first three figures give the easting in hundreds of yards (hundreds of thousands of yards ignored) and the last three figures similarly give the northings.

The slides are kept at the Bureau of Mineral Resources Laboratory, Gordon Street, Canberra City. Hand specimens are retained at the Bureau of Mineral Resources Museum, Childers Street, Canberra City.

The preparation of slides for routine determination during reconnaissance surveys has been almost discontinued by the Canberra group since the introduction of the prismatic-magnifier in December 1959. Selected specimens are cut with the diamond saw to expose a smooth face; this face is then wet and examined directly with the Leitz Binocular Prismatic-Magnifier, which has a maximum magnification of 30. This procedure has meant quicker determinations for the geologist, and has reduced the number of slides to a minimum.

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PETROLOGICAL ROCK SLIDES - RECORD 1960/93

Slide No.	Rock No.	1 Mile Sheet	Locality	Field No.	Description	Collected by	Petrologist	Reference	Date
142	-	451	112371 Red Hill quarry - base of Yarralumla-Hill sequence	-	Chloritic tuffaceous sandstone	-	W.B.Dallwitz		1951
289	R2050	454	Mount Murray, eastern flank		Sheared porphyry	G.E.McInnes	G.E.McInnes	B.M.R.	1951
290	R2043	454	" " " "		Metamorphosed greywacke	and	and	Records	"
291	R2060	454	Mount Bimberi, eastern flank		Hornblende xenolith	J.B.Jones	J.B.Jones	1952/10	"
292	R2059	454	" " " "		Sheared greywacke	"	"	"	"
293	R2055	454	Mount Murray		Hybrid biotite granite	"	"	"	"
295	R2057	454	Mount Bimberi, eastern flank (fault on Smith Crk)		Chlorite-sericite schist	"	"	"	"
296	R2051	454	Mount Murray, eastern flank		Sheared arkose	"	"	"	"
297	R2058	454	Mount Bimberi, eastern flank (Smith Creek fault)		Quartz-sericite schist	"	"	"	"
298	R2049	454	Mount Murray, " "		Sheared micaceous siltstone	"	"	"	"
299	R2052	454	" " " "		Talc schist	"	"	"	"
300	R2061	454	Orroral Valley, 1/2 mile west of Fishlock yards		Sheared porphyry	"	"	"	"
301	R2056	454	Mount Murray		Basalt (intrusive?)	"	"	"	"
302	R2068	454	Nursery Hill		Aplite	"	"	"	"
303	R2062	454	" " " "		Metamorphosed greywacke	"	"	"	"
304	R2064					"	"	"	"
305	R2063	454	Nursery Hill		Metamorphosed greywacke	"	"	"	"
306	R2066	454	" " " "		Granulite	"	"	"	"
307	R2067	455	Mount Tennent		Rhyolite	"	"	"	"
JERVIS BAY									
336	R8095	449	Berry Formation	J.B.1	Dark grey greywacke	W.J.Perry	W.J.Perry	B.M.R.	1952
337	R8096	449	Wandrawandian Formation (or below)	2	Friable greywacke	and	and	Records	"
338	R8097	449	" " " "	3	Quartz conglomerate	J.M.Dickins	J.M.Dickins	1952/88	"
339	R8098	449	" " " "	4	Light grey greywacke	"	"	"	"
340	R8099	449	" " " "	5	Dark grey greywacke with pebbles	"	"	"	"
341	R8100	449	Nowra Sandstone Formation	7	Grey sandstone	"	"	"	"
342	R8101	449	Top of Wandrawandian Formation	24	Fossiliferous greywacke	"	"	"	"
343	R8102	449	Base of Nowra Sandstone Formation	26	Coarse sandstone	"	"	"	"
344	R8103	449	Jervis Bay Sandstone Formation	29	Medium grain, light grey sandstone	"	"	"	"
345	R8104	449	" " " "	30	" " " , dark greywacke	"	"	"	"
346	R8105	449	" " " "	36	Sandy siltstone (dark grey)	"	"	"	"
347	R8106	449	Wandrawandian Formation	39	Dark grey calcareous siltstone	"	"	"	"
348	R8107	449	" " " (?)	41	Medium grey micaceous sandstone	"	"	"	"
349	R8108	449	Jervis Bay Sandstone Formation	44	Coarse grey greywacke	"	"	"	"
350	R8109	449	" " " "	49	Coarse light grey sandstone	"	"	"	"
351	R8110	449	" " " "	50	" " " "	"	"	"	"
352	R8094	449	" " " "	56	Medium grain, light grey greywacke	"	"	"	"
353		449	Berry or Wandrawandian Formation	64	Grey greywacke	"	"	"	"
354	R8112	449	35°11'S 150°42' E	52	Feldspar porphyry	"	"	"	"
355	R8113	449	" " " "	52A	Fossil wood	"	"	"	"
356	R8111	449	Jervis Bay Sandstone Formation	51	" " " "	"	"	"	"
357	R8111	449	" " " "	51	" " " "	"	"	"	"
358	R8111	449	" " " "	51	" " " "	"	"	"	"
FRANKLIN FORMATION									
528	R6565	450	962361 Franklin Formation	262B	Indurated tuff	D.K.Malcolm	D.K.Malcolm	B.M.R.	1954
529	R6569	450	957365 Paddy's River Volcanics	C267	Dacite	"	"	Records	"
530	R6570	450	956364 " " " "	C259	"	"	"	1954/71	"
531	R6571			C284	"	"	"	"	"
532	R6572	450	957354 Paddy's River Volcanics	C287	Tuff	"	"	"	"
533	R6573	450	" " " "	288	Sheared tuff	"	"	"	"
534	R6574	450	" " " "	288A	Dacite	"	"	"	"
535	R6575	450	957358 " " " "	C291	Tuff	"	"	"	"
536	R6576	450	957355 " " " "	C292	Dacite	"	"	"	"
537	R6589	450	000358 Deakin Volcanics	C132B	Tuff	"	"	"	"
538	R6590	451	018362 " " " "	C149B	"	"	"	"	"
539	R6592	451	016364 " " " "	148A	"	"	"	"	"
540	R6594	450	976386 Uriarra Volcs. Walker Member	C197	Pyroxene dacite	"	"	"	"
541	R6595	450	981397 " " " "	C200	" " " "	"	"	"	"
542	R6596	450	989389 " " " "	C213	"	"	"	"	"
543	R6597	445	963469 " " " "	641A	Pyroxene dacite	"	"	"	"

Slide No.	Rock No.	1 Mile Sheet	Locality	Field No.	Description	Collected by	Petrologist	Reference	Date
544	R6599	450	970383 Uriarra Volcs. Walker Member	C361	Hematized pyroxene dacite	D.M. Malcolm	D.K. Malcolm	B.M.R. Records	1954
545	R6601	450	975390 " " " "	C352	Biotite dacite	"	"	"	"
546	R6602	450	970384 " " " "	354	Dacite (pink feldspar)	"	"	1954/71	"
547	R6603	450	966391 " " " "	C351	Pyroxene dacite	"	"	"	"
548	R6607	450	950376 " " " "	87	Dacite	"	"	"	"
549	R6611	450	955367 " " " "	C265	Tuff	"	"	"	"
550	R6615	450	958383 " " " "	C368	Dacite (pink feldspar)	"	"	"	"
551	R6617	450	940365 " " Tarpaulin Member		Banded tuff	"	"	"	"
552	R6616	450	936399 ? " " Swamp Cr Member	C58	Dacite (pink feldspar)	"	"	"	"
553	R6621	450	940407 " " " "	541	Dacite tuff	"	"	"	"
554	R6627	450	953353 Murrumbidgee Granite	C282B	Porphyritic biotite granite	"	"	"	"
555	R6630	450	949401 McDonald Granite	C54A	Quartz-feldspar porphyry	"	"	"	"
556	R6633	450	982356	103	Dacite porphyry	"	"	"	"
557	R6634	450	000458	C132F	"	"	"	"	"
558	R6635	450	007382	C138	Hematized dacite porphyry	"	"	"	"
559	R6636	451	011354	162A	Quartz-epidote vein	"	"	"	"
560	R6637	451	019355	C172	Dacite porphyry	"	"	"	"
561	R6638	450	962369	C250C	Hybridized dacite porphyry	"	"	"	"
562	R6639	450	962361	C262A	Dacite porphyry	"	"	"	"
563	R6642	451	143369 Painter porphyry	C700	"	"	"	"	"
564	R6643	450	977369 Ashstone and agglomerate vents	C178A	Ashstone	"	"	"	"
565	R6649	450	005368	296A	Agglomerate	"	"	"	"
566	R6650	450	983379	C233	Tuff	"	"	"	"
567	R6651	450	855384 Condor Granite	621	Hornblende microgranite	"	"	"	"
568		450	Upper Cotter Dam Site 450/844218						
569		450	D.D.H. 4 Depth 6'						
570		450	D.D.H. 4 12'						
571		450	D.D.H. 4 20'						
572		450	D.D.H. 4 63'						
573		450	125' on bearing 187° M from D.D.H. 4	U1					
				U2					
744		445	Mullion - Wee Jasper						
745	R8084	445	West Yeumburra	E4(7)	Granite porphyry	B.P. Walpole	B.P. Walpole	Unpublished	1949
746	R8081	445	Wee Jasper Rd. Mid-Dev. Succession	L12	Coarse felsitic tuff	"	"	Honours	"
747	R8085	445	Ledgerton (south of H. Walker house)	P14	Crystal tuff	"	"	Thesis	"
748			Creek west of One Tree Hill (near top of L.Dev.)	L13	Lava succession	"	"	Sydney Univ.	"
749		445	Waterfall Dyke	(6)	Quartz keratophyre	"	"	"	"
750	R8080	445	The Mullion (N.E. foot of Mullion Hill)	(12)	Quartz porphyry	"	"	"	"
751	R8077	445	Mullion Hill (north side)	(5)	Granophyre	"	"	"	"
752	R8078		Pringles Turnoff	L15	Tuff felsite	"	"	"	"
753	R8076	445	Fork of Horseshoe-Hawthorn Rd.	P15	Lithic quartz-feldspar porphyry	"	"	"	"
754		450	Jago and Sardine Creek	L11	Banded rhyolite	"	"	"	"
			Between Tidbinbilla Formation & L.Dev. lavas.	B1(5)		"	"	"	"
			(Two Sticks Road)						
755	R8083	450	Two Sticks Road	(10)	Sheared quartz-feldspar porphyry	"	"	"	"
756	R8088		Stewarts Hill	L7	Sodi-potassic felsite lava	"	"	"	"
757			Pringles Turnoff	L14	Strongly sheared felsite lava (calcite?)	"	"	"	"
758		450	Mt. Coree	L10	Rhyolite tuff	"	"	"	"
759		445	Tinkers Creek	L5	Tinkers Creek Rhyolite	"	"	"	"
760		450	Two Sticks Road	L3(2)	Sheared quartz porphyry	"	"	"	"
761	R8079	445	Mullion Hill	(9)	Sheared porphyry	"	"	"	"
762	R8089		Ram Flat, Waterhole Hill	L6	Tuffaceous rhyolite	"	"	"	"
763			North of F. Walker's House	L9	Tuff	"	"	"	"
764	R8087		Waterhole Hill	L8	Tuff rhyolite	"	"	"	"
765		445	West slope of Mullion Hill	8	Silurian ? intrusive tuff	"	"	"	"
766	R8091?		Newmans Hill	L3	Rhyolite tuff	"	"	"	"
767				(4)	Sheared quartz porphyry (no orthoclase)	"	"	"	"
768		445	South end of Mullion Hill, (Ledgerton)	B2(11)	Intrusive tuff	"	"	"	"
769	R8086	445	Mullion dyke rock (?)	F(13)	Leucocratic quartz porphyry	"	"	"	"
770		445	Mullion Hill	(10)	Tuff	"	"	"	"
771	R8090		Newmans Hill variety	L1	Devitrified felsitic tuff	"	"	"	"
772	R8093?		Top of Newmans Hill, near Ram Flat	L3	Tuffaceous rhyolite	"	"	"	"
773	R8082		" " " " (near Pringles Rd.)	L2	Felsitic tuff	"	"	"	"
774	R8092			L4		"	"	"	"
775				L14(1)		"	"	"	"

Slide No.	Rock No.	1 Mile Sheet	Locality	Field No.	Description	Collected by	Petrologist	Reference	Date
816		450	950376 Hill above Cotter Dam (north side)	C.F.			W.B. Dallwitz	B.M.R.	1948
817		450	950376 Cotter Dam Quarry	C.B.			"	Records 1949/32	"
818		451	138337 Mugga Quarry	L.1	Granodiorite porphyry		W.B. Dallwitz	B.M.R.	1948
819		451	" " "	L.2	" "		"	Records 1949/50	"
820		451	" " "	L.3	" "		"	"	"
821		451	" " "	L.4	" "		"	"	"
822		451	" " "	L.5	" "		"	"	"
823		451	" " "	L.6	" "		"	"	"
KOWEN									
878	R8054	451	Hill 300 yds N.W. of Kowen Homestead	1	Quartz diorite	E.K. Carter	E.K. Carter	B.M.R.	1949
879	R8055	451	Dyke in N.W. of district (southernmost)	2	" "	"	"	Records 1949/51	"
880	R8056	451	Margin of dyke in N.W. of district	2A	Medium grained diorite	"	"	"	"
881	R8057	451	Dyke cutting Q'bn-B'dore railway	7	Dolerite	"	"	"	"
882	R8058	451	End of cutting on Q'bn-B'dore railway	8	Dacite tuff	"	"	"	"
883	R8059	451	" " " " " " "	9	Quartz-dacite tuff	"	"	"	"
884	R8060	451	Cutting Bungendore Road	14	Sandy shale	"	"	"	"
885	R8061	451	Railway cutting 150 yds W. of Tunnel one	16	Sheared sandstone	"	"	"	"
886	R8062	451	Margin of porphyry - Sparrow Trig.	23	Sheared granodiorite porphyry	"	"	"	"
887	R8063	451	Second most westerly cutting on Q'bn-B'dore Rd.	24	Quartz dacite tuff	"	"	"	"
888	R8064	451	150 yds east of boundary of district & 200 yds north of Q'bn-B'dore road	25	Quartz-chlorite schist	"	"	"	"
889	R8065	451	150 yds east of boundary of district & 200 yds north of Q'bn-B'dore road	25A	" " "	"	"	"	"
890	R8066	451	150 yds east of boundary of district & 400 yds north of Q'bn-B'dore road	26	Gabbro	"	"	"	"
891	R8066	451	150 yds east of boundary of district & 400 yds north of Q'bn-B'dore road	26A	"	"	"	"	"
892	R8067	451	300 yds S.W. of Bald Trig in N.E. of district	27A	Quartz microporphyry	"	"	"	"
893	R8068	451	" " " " " " " " " "	27B	" "	"	"	"	"
894	R8069	451	Knoll in W of area enclosed by loop of Molonglo & railway	31	Granophyric porphyritic adamellite	"	"	"	"
895	R8070	451	E.margin of porphyry 1/2 mile N. of Atkinson Trig.	32	Diorite	"	"	"	"
896	R8071	451	Railway cutting E of Dairy Stn. Creek	34	Quartz (dacite) tuff	"	"	"	"
897	R8072	451	" " " " " " " " " "	35	Impure sheared quartz (dacite) tuff	"	"	"	"
898	R8073	451	E.bdy. of district 300 yds. N. of Bungendore Rd.	42	Dolerite	"	"	"	"
899	R8074	451	Railway cutting E of Dairy Stn. Ck.	36	Quartz tuff	"	"	"	"
900	R8075	451	Boulder N of Sparrow Trig, 1/2 mile N of Bungendore Rd.	55	Granodiorite porphyry	"	"	"	"
Plan A.C.T. 19/2 Coree Ck. below Condor Ck.									
1083		450	" " " " " " " " " "	1	Quartz diorite	G.M. Burton and D. Johnstone	G.M. Burton and D. Johnstone	B.M.R. Records 1948/41	1948
1084		450	" " " " " " " " " "	2	Granodiorite	"	"	"	"
1085		450	" " " " " " " " " "	3	Andesite	"	"	"	"
1086		450	" " " " " " " " " "	4	Medium grain quartz-sericite hornfels	"	"	"	"
1087		450	" " " " " " " " " "	5	Quartzite	"	"	"	"
1088		450	" " " " " " " " " "	6	Fine grained spotted sericite schist	"	"	"	"
1089		450	" " " " " " " " " "	7	Low-grade sericite quartz hornfels	"	"	"	"
1090		450	" " " " " " " " " "	8	" " " " chlorite hornfels	"	"	"	"
1091		450	" " " " " " " " " "	9	Brecciated fine argillaceous quartz sandstone	"	"	"	"
1092		450	" " " " " " " " " "	10	Medium argillaceous quartz sandstone	"	"	"	"
1093		450	" " " " " " " " " "	11	Coarse argillaceous quartz siltstone	"	"	"	"
1094		450	" " " " " " " " " "	12	Very fine grained sericite schist	"	"	"	"
1095		450	" " " " " " " " " "	13	Very fine argillaceous quartz sandstone	"	"	"	"
1096		450	" " " " " " " " " "	14	Fine grained argillaceous " "	"	"	"	"
1097		450	" " " " " " " " " "	15	" " " " " " " "	"	"	"	"
1098		450	" " " " " " " " " "	16	" " " " " " " "	"	"	"	"
1099		450	" " " " " " " " " "	17	Shale	"	"	"	"
1110		450	" " " " " " " " " "	18	Fine Schistose argillaceous qtz sandstone	"	"	"	"
1111		450	" " " " " " " " " "	19	Shale & cleavable argillaceous sandstone	"	"	"	"
1112		450	" " " " " " " " " "	20	Very fine schistose " qtz "	"	"	"	"
1113		450	" " " " " " " " " "	21	Quartz hornfels	"	"	"	"
1114		450	" " " " " " " " " "	22	Shale	"	"	"	"
1115		450	" " " " " " " " " "	23	Granodiorite porphyry	"	"	"	"
1116		450	" " " " " " " " " "	24	Fine grained argillaceous qtz siltstone	"	"	"	"

[illegible]

Slide No.	Rock No.	1 Mile Sheet	Locality	Field No.	Description	Collected by	Petrologist	Reference	Date
4327	R8114	451	084403 Woden Weir Site, North Bank	W1	Albitized and carbonated dolerite		W.B. Dallwitz		
4328	R8115	451	084403 " " " " "	W2	Sericitized and carbonated crushed dacite		"		
4338	R5934	450	Upper Cotter Damsite A 850257, Damsite B 851213	B7	Adamellite porphyry	W.J. Perry	W.J. Perry	B.M.R. Records	1953
4339	R8117	450	" A " and " B "	B.C. 29	" "	"	"	1953/108	"
4340	R5922	450	" A " " " B "	A1	Granodiorite porphyry	"	"	"	"
4341	R5926	450	" A " " " B "	A28a	Crushed and recemented granodiorite porphyry	"	"	"	"
4342	R5926	450	" A " " " B "	A28b	" " "	"	"	"	"
4343	R5927	450	" A " " " B "	A30	Silicified sandy siltstone	"	"	"	"
4344	R8116	450	" A " " " B "	A38	Granodiorite porphyry	"	"	"	"
4345	R5929	450	" A " " " B "	F12	Fractured and recemented fine quartzite	"	"	"	"
4346	R5931	450	" A " " " B "	F22	Silicified sandy siltstone	"	"	"	"
4347	R5932	450	Upper Cotter Valley	F23	Granodiorite porphyry	"	"	"	"
4349		446	284560 Lake George Run 17/53530 West of Federal Highway, Sutton area.	G1	Biotite adamellite (Sutton Granite)				1958
4330		452	Braidwood I55/16/273625 Run 5/96592 S.E. of bridge over Shoalhaven	G6	Hornblende adamellite (Braidwood Granite)				"
4331		447	Lake Bathurst Run 12/56982, I55/16/270670	G8	Quartz rich biotite adamellite (Boro Granite)				
4505		446	179548 Wells Station	B1	Quartz micro-breccia	L.C. Noakes	W.R. Morgan		1959
4506		446	179548 " "	B1a	" " "	"	"		"
4507		446	195720 Nanina Rd.	B2	Silicified Micro-breccia	"	"		"
4516	R8047	451	562232	1	Slightly metamorphosed greywacke	L.C. Noakes	W.R. Morgan	File 120/ACT/1	1959
4517	R8045	451	355230	2	Feldspathic sandstone	"	"	"	"
4518	R8044	451	408110	3	" "	"	"	"	"
4519	R8046	451	442098	4	Quartz sandstone	"	"	"	"
4553	R8052	451	087357	A	Intrusion breccia	D.E. Gardner	W.R. Morgan	File 120/ACT/1	1959
4554	R8052	451	122349 1 ml. east of cemetery	A	" "	"	"	"	"
4555	R8053	451	138344 Mugga Quarry Nth end.	B	Ferruginous quartz greywacke-siltstone	"	"	"	"
4605	R8051	451	205354	99049	Carbonated, sericitized and chloritized porphyritic microgranite	W.R. Morgan	W.R. Morgan	File 120/ACT/1	1959
4643	R7961	446	100532	A1514	Chloritized granodiorite porphyry	E.G. Wilson	W.R. Morgan	File 120/ACT/1	1959
4644	R7962	446	084526	A1516	" "	"	"	"	"
4645	R7963	446	082500	A1557	" "	"	"	"	"
4646	R7964	446	081529	A1593	DeutERICALLY altered granodiorite porphyry or dacite	"	"	"	"
4647	R7965	446	066546	A1566	Quartz Keratophyre	"	"	"	"
4648	R7966	446	059521	A1521	Granodiorite porphyry or dacite	"	"	"	"
4649	R7967	446	182523	99050	Sheared tuff or tuffaceous sandstone	"	"	"	"
4650	R7968	446	197521	99051	Granodiorite porphyry or porphyritic dacite	"	"	"	"
4651	R7969	446	190514	99052	Granodiorite porphyry or porphyritic dacite.	"	"	"	"
4748	R7970	451	157239	99077	Isidiorite	"	"	"	"

Slide No.	Rock No.	1 Mile Sheet	Locality	Field No.	Description	Collected by	Petrologist	Reference	Date
4768	R8023	451	104367 Bare Trig.	652	Vitric Tuff	D.E. Garnder	W.R. Morgan	File 120/ACT/1	1959
4836	R8022	451	120366	654	Granodiorite	"	"	"	"
4839	R8021	451	120366	653	"	"	"	"	"
4835		451	122349	658	Veined dacitic agglomerate	"	"	"	"
4837		451	122349	655	Micaceous acid ashstone	"	"	"	"
4838		451	122349	659	Laminated acid ashstone	"	"	"	"
4920		451	099380	95111	Tuff or ignimbrite	"	"	"	"
4921		451	096369	95131	Devitrified vitric tuff	"	"	"	"
4922		451	097368	95134	Tuff or ignimbrite	"	"	"	"
4922		451	096367	95138	Devitrified and partly silicified tuff	"	"	"	"
4924		451	096367	95139	Tuffaceous lava of ignimbrite	"	"	"	"
4925		451	098357	95144	Crystal tuff	"	"	"	"
4926		451	106367	95149	Porphyritic dacite	"	"	"	"
4927		451	102389	95153	Crystal tuff	"	"	"	"
4928		451	102382	95163	Devitrified vitric tuff	"	"	"	"
4929		451	106370	95165	Quartzite	"	"	"	"
4983		451	138322	670	Devitrified acid ashstone	"	"	"	"
4962		451	085364	656	Devitrified rhyo-dacite crystal tuff	"	"	"	"
4963		451	085364	657	Devitrified dacitic crystal tuff	"	"	"	"
4964		451	080369	660	" " " "	"	"	"	"
4961		451	137301	661	Spherulitic dacitic crystal tuff	"	"	"	"
5005		451	327278	G/59/1	Uralitized quartz dolerite	G.M. Burton	W.R. Morgan	File 120/ACT/1	1959
5009		451	319286	T5	Uralitized gabbro	"	"	"	"
5020		451	324286	T1	Greywacke or quartz greywacke	"	"	"	"
5021		451	313282	T8	" " "	"	"	"	"
5022		451	313281	T9	" " "	"	"	"	"
5023		451	304279	T11	" " "	"	"	"	"
5024		451	288276	T18	Albite-sericite-quartz schist	"	"	"	"
5025		451	Googong Weir 255279 Bearing 190° from Weir, dist. 117'	1	Veined dacite porphyry	G.M. Burton	W.R. Morgan	File 120/ACT/1	1959
5026		451	" 237 " " " 175'	6	Devitrified dacite crystal tuff	"	"	"	"
5027		451	" 298 " " " 290'	7	Dacite porphyry	"	"	"	"
5028		451	" 016 " " " 525'	22	Sheared & sausseritized dacite porphyry	"	"	"	"
5029		451	" 003 1/2 " " " 520'	23	Sheared & veined dacite porphyry	"	"	"	"
5030		451	" 004 " " " 910'	24	" " granulated dacite porphyry	"	"	"	"
5031		451	" 135 1/2 " " " 255'	25	Dacitic tuff	"	"	"	"
5032		451	" 328 " " " 100'	26	Veined and sausseritized dacite porphyry	"	"	"	"
5075	R8120	451	225388	258	Sheared quartzite	D. Moore	W.R. Morgan	B.M.R. Records	1957
5076	R8121	451	253380	310a	Greywacke	"	"	1957/108	"
5077	R8122	451	253380	310b	Sheared greywacke	"	"	and	"
5078	R8123	451	253380	310c	Tuffaceous shale	"	"	File	"
5079	R8124	451	256387	316	Greywacke	"	"	120/ACT/1	"
5080	R8125	451	259379	319	Greywacke	"	"	"	"
5081	R8126	451	261379	322a	Brecciated, veined & altered quartz diorite	"	"	"	"
5082	R8127	451	261379	32 b	Breccia	"	"	"	"