TABLE 1.--PETROGRAPHIC DATA ON GRANITIC ROCKS OF THE EAGLE QUADRANGLE, ALASKA (Continued)

Field No.	Quad.	Pluton no.	Rock name	Texture	Grain size	Primary minerals in percent: Biotite	Hornblende	K-spar	Plagioclase	Quartz	Accessory minerals	Alteration (degree: minerals)	Spec analysis	Chem analysis: Rapid rock	Chem analysis: Standard	Remarks
69AFr66	A-4	7	Quartz monzodiorite	Hypidiomorphic-granular	Medium	(3)	(12)	(20)	(50)	(15)	Sph, ap	Slight: ep, chl		X		
71AFr928	A-4	7	Tonalite	Sieve-textured	Fine to medium	(5)	(15)	0	(50)	(25)	Ap, ep, cpx	Slight: clinozoisite, chl, ser				Sieve texture result of chill?
71AFr923	A-4	7	Granodiorite	Hypidiomorphic-granular	Medium	5	8	7	56	21	Sph, all	Slight: ep, chl				
71AFr922	A-3	7	Quartz diorite	Hypidiomorphic-granular; gneissic	--do--	(3)	(15)	(2)	(55)	(25)	Sph, ap, all	Slight: ep				
70AFr2416	B-5	8	-----Do.------	Hypidiomorphic-granular	--do--	(12)	(3)	0	(50)	(20)	Ap	Strong: chl, ep, ser (ep ~15%)	X			Fabric slightly gneissic. Some recrystallization? Epidote very abundant. Large poikiloblastic grains; metamorphic product? Spec analysis refers to 70AFr2416a.
70AFr2419	B-5	8	-----Do.------	----------do----------	--do--	(15)	(8)	0	(35)	(20)	Ap, sph	Strong: chl, ep (~25%)				----------Do.----------
70AFr2551	B-5	8	-----Do.------	----------do----------	--do--	(15)	(5)	0	(35)	(20)	Ap, sph	Strong: ser, chl, ep (~25%)	X			----------Do.----------
70AFr312	B-4	9	Granodiorite	Porphyritic	--do--	<1	16	29	32	22	Sph, monazite, op, ap	Moderate: ep, chl, ser		X		Lineation.
69AFr485	B-3	9	Quartz monzonite	Gneissic	--do--	0	40	25	22?	13		Moderate: ep, chl		X		Gneissic fabric.
69AFr616	C-3	9	Metasyenite	Slightly porphyritic	--do--	4	43	33	16	4						Weak lineation; no thin section.
69AFr901	C-3	9	Quartz monzonite	Porphyritic	--do--	<1	40	28	20	12	Ap, all	Moderate: ep, ser			X	Lineation; granulation of qtz-feldspar groundmass.
69AFr888	C-3	9	Quartz syenite	Hypidiomorphic-granular	Coarse	(<1)	(35)	(50)	(15)	(5)	Sph, ap, cpx	Moderate: ep, ser, chl	X			
73AFr3191	B-2	10	Granodiorite	----------do----------	Medium	(<1)	(15)	(15)	(30)	(20)	Cpx(5), ep(15), ap, sph	Slight: ep		X		Ep replaces(?) hbl.
73AFr3193	B-2	10	-----Do.----	----------do----------	--do--	(<1)	(15)	(15)	(30)	(20)	--------do--------	----do----				Ep replaces(?) hbl. Slight cataclasis.
70AFr179	B-2	10	-----Do.----	----------do----------	--do--	1	42	12	37	9 cpx	Ap	----do----		X		Similar to 73AFr3193 and 73AFr3191.
65AFr33	A-1	11	Granite	Slightly porphyritic	--do--	(10, chl)	(10)	(15)	(25)	(30)	Sph, ap, all	Moderate: ep(5) carb, chl(10), ser				
73AFr3434b	A-2	12	Quartz monzonite	Hypidiomorphic-granular	Medium to coarse	0	(25)	(35)	(30)	(5)	Cpx(5), ap, sph	Slight: ep, chl				73AFr3434b similar to 65AFr529.
65AFr529	A-2	12	------Do.-------	Gneissic	Medium	0	(20)	(30)	(40)	(10)	Sph, ap	------do-------				----------Do.----------
69AFr900	A-2	13	Granodiorite	Hypidiomorphic-granular	--do--										X	Classified by normative minerals.
64AFr79	A-2	14	Granite	Hypidiomorphic-granular (slightly porphyritic)	Coarse	(2)	0	(35)	(30)	(30)	Sph	Slight: chl				May be small pluton younger than main mass of 14. K-spar megacrysts.
63AFr223	A-2	14	--Do.--	----------do----------	Medium	2	6	29	37	26	Sph, all	Slight: chl, minor ep				May be small pluton younger than main mass or 14.
63AFr222	A-2	14	Monzonite			<1	45	22	30	3						No thin section. May be small pluton younger than main mass of 14.
65AFr234	A-2	14	Quartz monzonite	Hypidiomorphic-granular	--do--	0	(10)	(30)	(40)	(20)	Sph, ap, op	Strong: ser, ep, chl				Some granulation and recrystallization of quartz.
70AFr225	A-3	14	Granite			3	12	16	23	46				X		Mode accuracy questionable because of intergrowth of minerals.
70AFr968	A-3	14	--Do.--	Hypidiomorphic-granular	--do--	(2)	(3)	(30)	(40)	(25)	Sph, op	Moderate: ep, ser, chl				
63AFr254	A-3	14	Quartz monzodiorite	----------do----------	Medium to coarse	0	(15)	(5)	(70)	(10)	---do--	Slight: ep, ser				
70AFr995	A-3	14	Granodiorite	----------do----------	Medium	(5)	(10)	(15)	(40)	(25)	Op, shp	Moderate: ep, chl		X		
70AFr993	A-3	14	Quartz diorite			2.5	13	5.4	60	18			X			No thin section.
63AFr253	A-3	14	Granodiorite porphyry	Porphyritic	Phenos: plag 0.5 to 1 cm; hornblende .5 to 1 mm	0	(12)	(21)	(41)	(23)	Ap, sph	Moderate: ep, ser, chl				Phenos comprise about 30% of rock. Hbl 43% of phenos. K-spar 30% of groundmass. Plag 60% of phenos, 33% of groundmass.
70AFr972	A-3	14	Granodiorite	Hypidiomorphic-granular	Medium	(2)	(8)	(15)	(50)	(20)	Ap, sph, cpx(5)	Moderate: chl, ep				
70AFr978	A-3	14	-----Do.----	Hypidiomorphic-granular with gneissic overprint	--do--	(5) before alteration	(5)	(10)	(60)	(20)	Sph	Moderate: chl, ep				Gneissic texture. Qtz grains mosaic. Proximity to fault?