



Figure 80. Horizontal sill of Cold Springs Breccia has intruded Glen Creek Gabbro. Hammer head is just below lower contact of sill. Vertical late diabase dike cuts both previous units just left of hammer. Diabase subsequently offset along small strike-slip fault. This outcrop was partially buried in 1981 when excavation increased. Photograph faces east. Area is E-14 Lower.

TABLE 19.—MODAL ANALYSES OF IGNEOUS ROCKS FROM REID'S PIT AREA (STOP 1)

(From W. L. Hiss, 1960)

	L-Zone	Glen Mountains Layered Complex			Roosevelt Gabbros		
		M-Zone			Glen Creek Gabbro		
	#H41 (Rock 124) NW SW SW NW 14-4N-17W	#H34 (Rock 110) SW NE SW SW 14-4N-17W	#H94 (Rock 262) SE NW SE SE 14-4N-17W	#H148 (Rock 377) NE SW NE SW 14-4N-17W	#H167 (Rock 380) NW SE NE SW 14-4N-17W	#H168 (Rock 381) NW SE NE SW 14-4N-17W	
Plag	75	60	60	60	32	34	
Cpx (ophitic)	15	20	20	20	45	20	
Opx	2	10 (d)	15 (d)	tr	—	tr	
Ol	5 (poik + react rims)	—	—	6 (rr)	5 (p)	20 (p+rr)	
Oxide (discrete)	1	1	2	8	2	4	
Oxide (skeletal)	2 (intergrowth)	9	3	2	8	11	
Hb	—	—	—	tr	3	tr	
Biot	—	—	—	4	5	10	
Ap	—	—	—	tr	tr	1	

d = discrete

rr = reaction rims

p = poikilitic