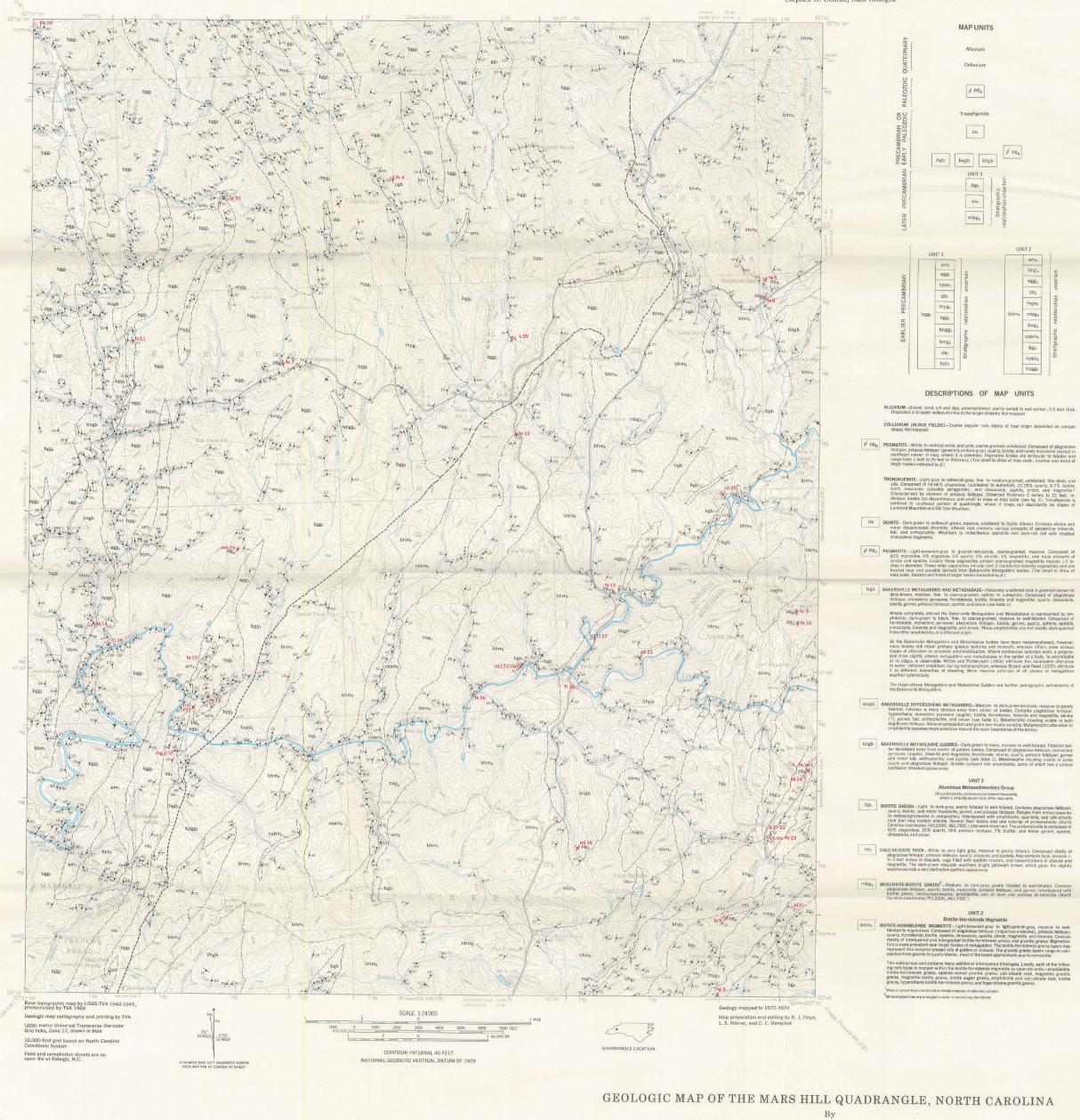
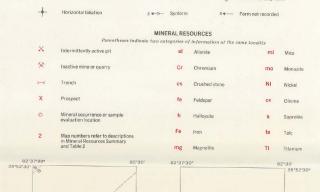
Carl E. Merschat 1977





Minerals		room types and sample locations (North Carolina coordinates)											
	Bakersville Metagabbro and Metadiabase					Bakersville Hypersthene Metagabbro				Bakersville Metaolivine Gabbro			
	781,700N. 960,600E.	747,100N." 938,400E.	784,700N." 954,800E.	773,500N.° 929,800E.	762,100N. 948,400E.	759,300N. 950,300E.	776,400N. 960,800E.	776,800N. 960,800E.	777,000N.* 962,100E.	766,400N. 928,600E.	764,150N. 928,500E.	767,600E.* 928,600E.	
Plagioclase	35	22											
feldspar	35	22	3	33	40	34	28	46	40	39	55	46	
pyroxene	12	15	21	11	12	15	0	34	1	-30	12	0	
Hypersthene	0	0	0	0	0	26	16	Tr.	0	0	0	0	
Hornblende	33	48	60	52	26	9	40	7	55	0	10	35	
Olivine	0	0	0	0	0.	Tr.	0	0	0	6	Tr.	0	
Biotite	6	0	12	0	14	9	15	8	1	3	15	7	
Garnet	10	2	0	0	Tr.	1	0	0	1	0	1	3	
Ilmenite and											-	-	
magnetite		Tr.	Tr.	Tr.	5	4	Tr.	5	Tr.	14	3	3	
Quartz	Tr.	0	2	1	1	0	0	0	1	1	3	4	
zoisite	0	9	Tr.	Tr.	2	0	0	Tr.	0	0	0	1	
Potassic feldspar	Tr.	2	1	3	0	0	0	0	0	1	Tr.	0	
Talc and anthophyllite	0	0	0	0	0	1	D	0	0	4	0	0	
Apatite	Tr.	0	0	0	0	0	0	0	0	1	Tr.	Tr.	
Sphene	0	1	Tr.	0	0	0	0	0	0	0	0	11.	
Zircon	0	0	0	0	0	0	0	0	1	0	0	0	

