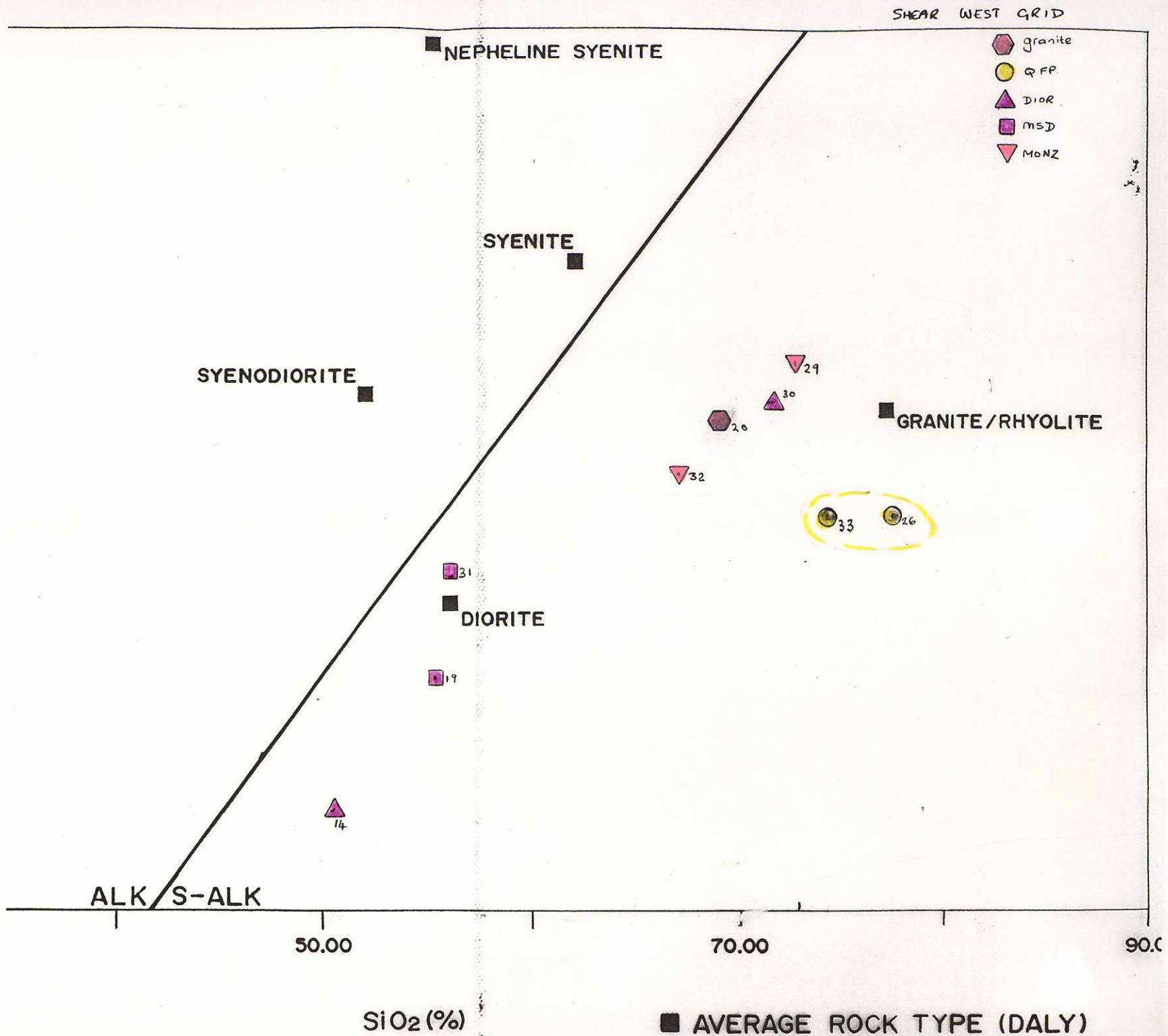


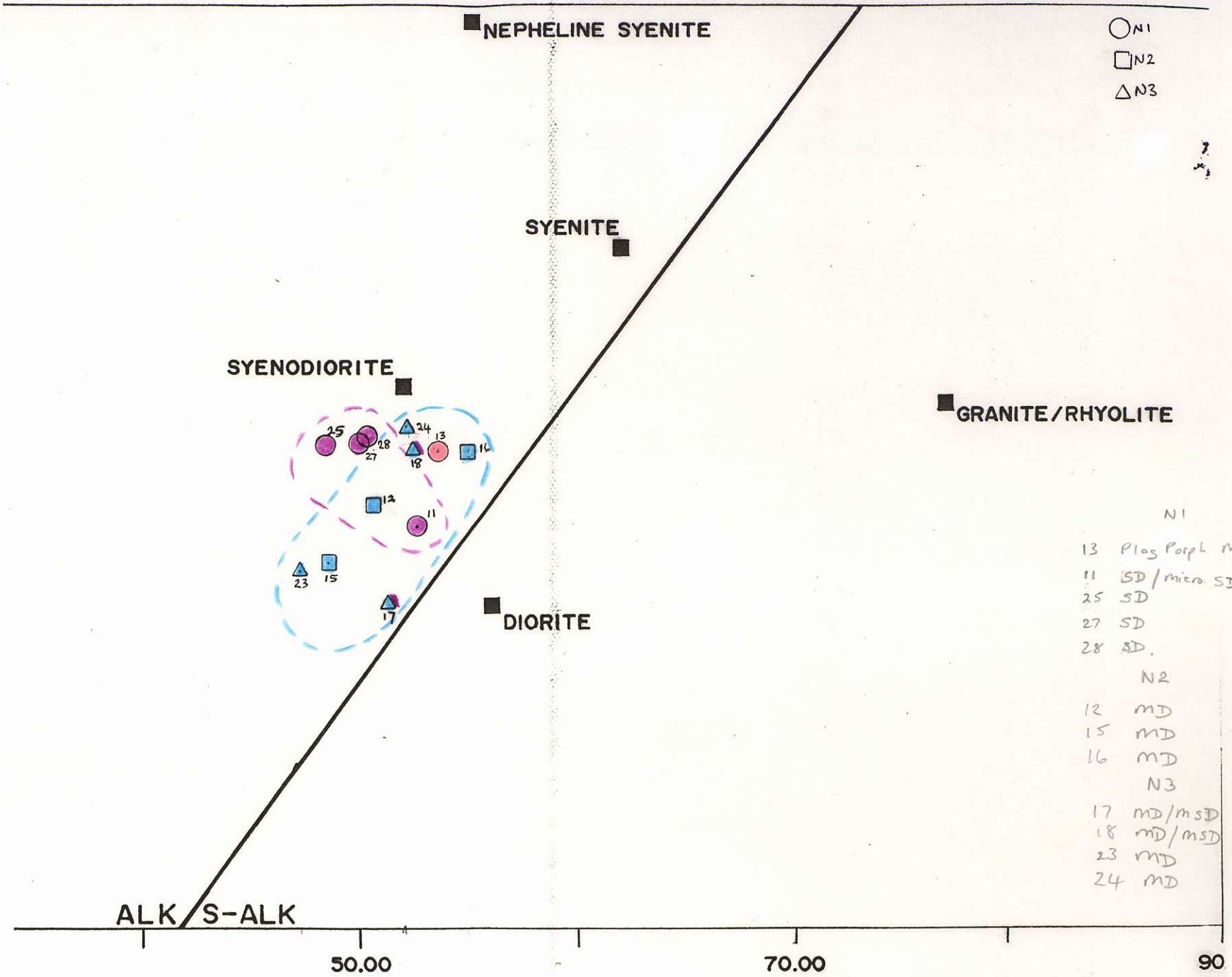
○ S1
 □ S2
 △ S3

22 △ Red plag porph Andesite

S1
 5 micro m/D.
 6 " "
 7 Plag Porph monz/s.monz
 8 m/D.
 S2
 4 mSD
 9 mSD
 10 mSD
 S3
 1 Hornb. Plag Porph
 2 mD.
 5 mD(S1)
 21 mD
 22 Plag Porph And.

861175 ■ AVERAGE ROCK TYPE (DALY)





○ N1
 □ N2
 △ N3

N1
 13 Plag. Porph. monz
 11 SD/micro SD
 25 SD
 27 SD
 28 SD.

N2
 12 MD
 15 MD
 16 MD

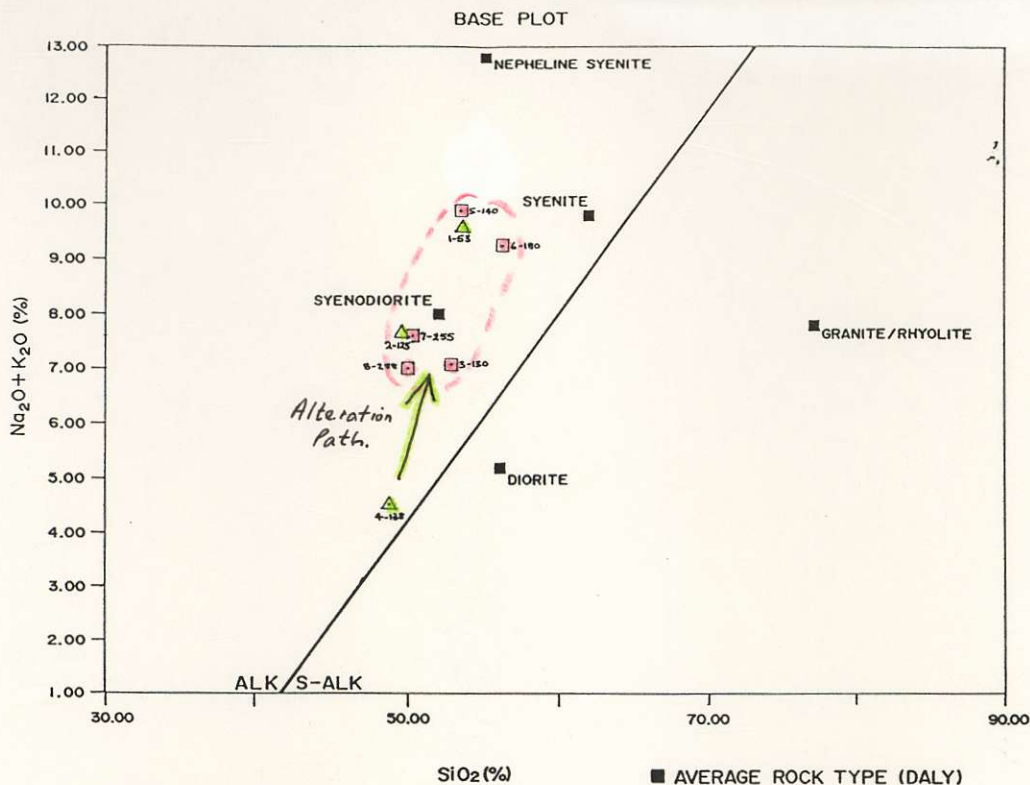
N3
 17 MD/mSD
 18 MD/mSD
 23 MD
 24 MD

ALK / S-ALK

SiO₂ (%)

■ AVERAGE ROCK TYPE (DALY)

ALKALI-SILICA DIAGRAM

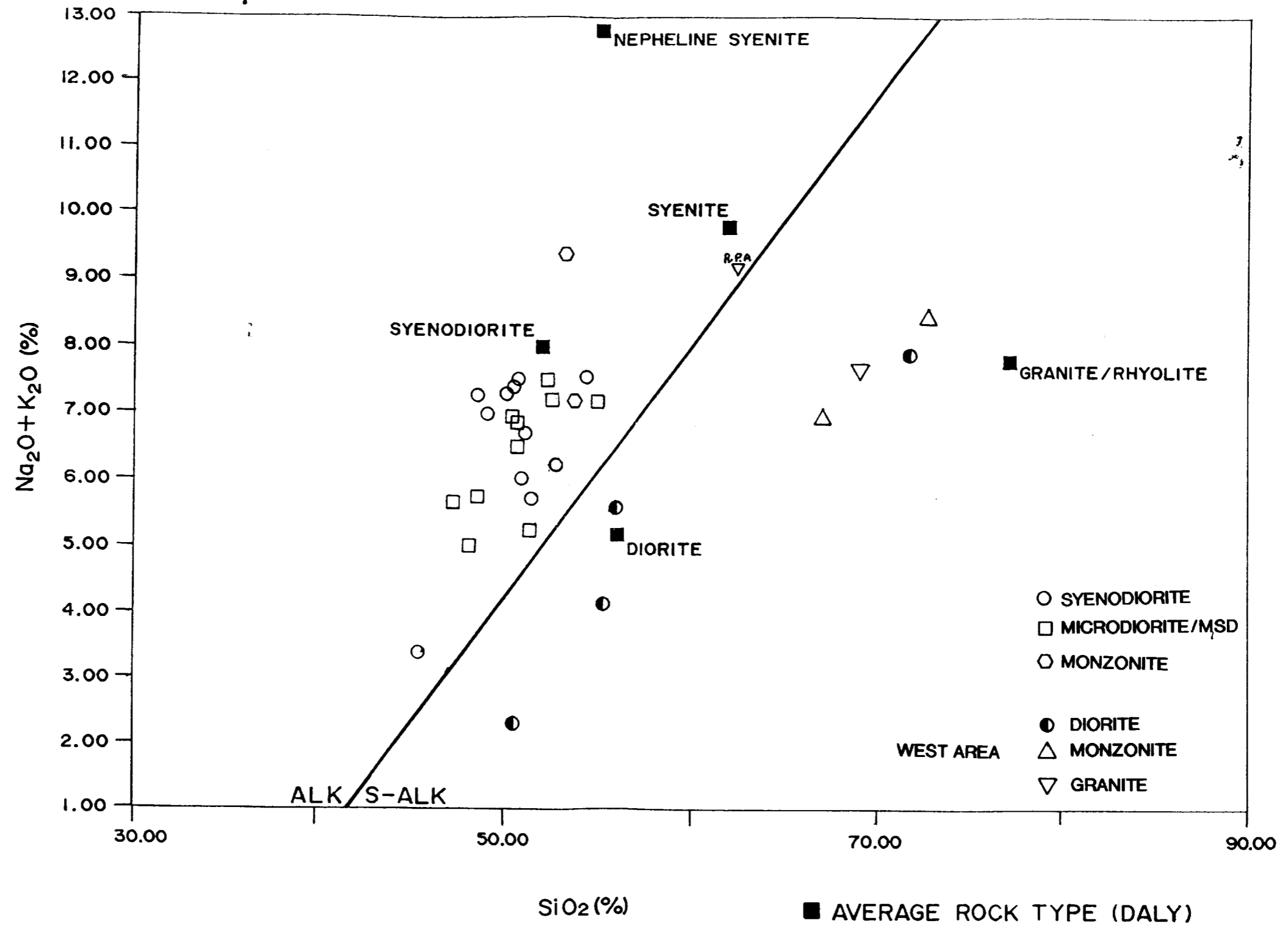


BIG-SIOUX ROAD CUT

RT#	Description	Metres	BaO	P2O5	SiO2	MnO	Fe2O3	MgO	Al2O3	CaO	TiO2	Na2O	K2O	L.O.I.
1-	SHEAR	53	.22	2.05	53.27	.10	5.95	3.23	18.11	3.67	.88	4.64	5.03	2.68
2-	SHEAR	125	.12	.85	49.64	.12	8.74	4.64	16.06	7.54	.93	3.97	3.62	3.38
3-	SHEAR	130	.12	.31	52.78	.11	7.34	3.07	16.99	7.42	.81	4.39	3.44	2.66
4-	SHEAR	138	.04	.46	48.88	.19	8.75	9.71	12.61	10.75	.90	2.98	1.47	3.07
5-	SHEAR	140	.14	.32	53.50	.09	8.14	3.13	16.11	6.16	.69	4.04	4.87	2.45
6-	SHEAR	180	.19	.32	56.09	.15	9.91	1.67	17.74	5.87	.75	5.01	4.24	1.62
7-	SHEAR	255	.19	.36	50.06	.18	10.04	4.17	13.71	7.36	.79	2.96	4.59	2.63
8-	SHEAR	288	.18	.42	50.01	.18	9.00	4.62	13.60	8.01	.93	3.64	3.38	3.73

ALKALI-SILICA DIAGRAM SHEAR PROJECT

BASE PLOT



IRVINE AND BARAGAR (1971) FIELDS FOR ALKALINE, SUB-ALKALINE