

WILLOW RUN LABORATORIES

ROCK	RHO	POR	M/P	VP1	VS1	VS2	INDEX
LIMESTONE PAR	2.697	.	.	6.72	.	.	LS11
PERP	2.647	.	.	4.17	.	.	LS11
KURNOOL,INDIA							
LIMESTONE PAR	.	.	.	6.59	3.09	.	LS12
PERP	.	.	.	7.37	3.26	.	LS12
INDIA 1							
LIMESTONE PAR	.	.	.	6.78	3.26	.	LS13
PERP	.	.	.	7.01	3.42	.	LS13
INDIA 2							
LIMESTONE PAR	.	.	.	6.53	3.16	.	LS14
PERP	.	.	.	6.85	3.29	.	LS14
INDIA 3							
LIMESTONE	2.68	.	.	5.98	3.46	.	LS15
SHAHABAD,INDIA 4							
LIMESTONE 1	2.82	.	.	6.40	3.20	.	LS40
2	2.66	.	.	5.89	2.94	.	LS16
CUDDAPAH,INDIA							
LIMESTONE	2.780	.	.	6.25	.	.	LS17
INDIA 8-11							
LIMESTONE	3.00	.	.	6.24	3.02	.	LS42
HYDERABAD,INDIA							
CHALK	1.67	.	.	3.04	1.58	.	CL01
DOLOMITE							
RUTLAND,VT.	2.844	.	.	5.6	.	.	D002
DOLOMITE							
DUNHAM,WILLIAMSTOWN,MASS.	2.845	.	.	6.06'	.	.	D005
DOLOMITE							
BETHLEHEM,PA.	2.83	.	.	.	3.52	.	D003
DOLOMITE							
BETHLEHEM,PA.	2.82	.	.	.	3.58	.	D006
DOLOMITE							
USSR 1745	2.58	.	.	4.69	2.72	.	D001
DOLOMITE							
				4.56			D007

MINERALS

ORTHO- AND RING SILICATES

MINERAL	RHO	POR	M/P	VP1	VS1	VS2	INDEX
OLIVINE GROUP							
OLIVINE 100	3.324	.	20.9	9.87	4.88	4.87	OV01
010	.	.	20.9	7.73	4.88	4.42	OV01
001	.	.	20.9	8.65	5.00	4.54	OV01
BURMA							
MONTICELLITE	3.014	.	.	7.10'	.	.	MO02
CRESTMORE,CAL.							
MONTICELLITE	2.975	.	.	.	3.85	.	MO01
CRESTMORE,CAL.							

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MINERAL	RHO	POR	M/P	VP1	VS1	VS2	INDEX
GARNET GROUP							
GARNET 100	4.247	.	24.9	8.51	4.74	.	GT03
110	.	.	24.9	8.47	.	.	GT03
BRAZIL 1							
GARNET 100	4.183	.	24.3	8.54	4.75	.	GT04
110	.	.	24.3	8.51	.	.	GT04
BRAZIL 2							
GROSSULARITE	3.561	.	22.8	6.3	.	.	GT01
CONNECTICUT							
ALMAND.-PYROPE	3.950	.	24.1	5.9	.	.	GT02

AL<sub>2</sub>SiO<sub>5</sub> GROUP

SILLIMANITE X	3.189			9.04'			SI02
Y	3.179			9.55'			SI02
Z	3.194			9.60'			SI02
WILLIAMSTOWN, AUSTRALIA							
SILLIMANITE	3.187	.	.	.	4.93	.	SI01
WILLIAMSTOWN, AUSTRALIA							

OTHERS

ZIRCON 100	4.564	.	.	4.03	1.88	1.76	ZR01
001	4.604	.	.	3.15	1.73	1.73	ZR01
110	4.596	.	.	3.54	1.71	2.65	ZR01
111	4.650	.	.	3.14	.	.	ZR01
IDOCRASE	3.144			5.52'			ID02
CRESTMORE, CAL.							
IDOCRASE	3.140	.	.	.	3.13	.	ID01
CRESTMORE, CAL.							
STAUROLITE 100	3.385	.	.	10.07	4.54	5.26	ST01
010	3.367	.	.	7.42	3.72	5.18	ST01
001	3.325	.	.	6.66	3.66	4.56	ST01
110	3.358	.	.	5.19	.	.	ST01

SINGLE CHAIN SILICATES

MINERAL	RHO	POR	M/P	VP1	VS1	VS2	INDEX
PYROXENE GROUP							
DIOPSIDE X	3.08			3.36	3.11		DP01
Y	3.08			5.83	4.07		DP01
Z	3.08			7.48	3.96		DP01
QUEBEC							
AUGITE X	3.26			5.30	3.47		AU01
Y	3.26			2.96	1.97		AU01
Z	3.26			2.95			AU01
NEW YORK							