

APPENDIX II.1

(A) TEST RESULTS OF CRUSHED AGGREGATES

(Ref: Dave et al. 1966)

Rock type	District	Specific gravity	Water absorption (%)	Crushing value (%)	Abrasion value Los Angles (%)	Impact value (%)
Basalt	Rajkot	2.64	0.40	19.40	29.40	24.50
Basalt	Surendra-nagar	2.90	0.90	17.60	13.35	15.50
Sand stone	-do-	2.55	1.35	24.50	31.15	24.60

APPENDIX II.2

SOILS OF GUJARAT

A. (Dikshit, 1970)

1. Alluvial Soils:

- (a) River alluvium
 - i) Bhat - Recent alluvium
 - ii) Gorat - Older alluvium
 - iii) Goradu - Sandy loam
 - iv) Besar - Poor sandy soil
- (b) Coastal and deltaic alluvium
- (c) Black soils
 - i) Deep black soils
 - ii) Medium black soils
 - iii) Shallow residual soils

2. Desert Soils

3. Lateritic Soils

4. Other Soils

- (a) Ghed Soils
- (b) Dhar Soils
- (c) Kyari Soils

B. (Kanzaria, 1972)

- 1. Black Soils
 - i) Medium black soil
 - ii) Deep black soil
- 2. Alluvial Soils
 - i) Alluvial sandy soil
 - ii) Alluvial sandy loam
 - iii) Coastal alluvium
- 3. Saline/Alkaline Soils
- 4. Desert Soils
- 5. Lateritic Soils
- 6. Hilly Soils
- 7. Forest Soils