



Bharati Vidyapeeth (Deemed to be University)

College of Engineering, Pune.

Department of Civil Engineering



Geology Laboratory

List of Experiment

Sr. No.	List of Experiment
Civil Engineering Structures and Geology	
1.	Identification of the Minerals (2 Practical)
2.	Identification of Igneous rocks (1 Practical)
3.	Identification of Secondary rocks (1 Practical)
4.	Identification of Metamorphic rocks (1 Practical)
5.	Study of Contoured Geological Maps & drawing the sections (Six Practical)
6.	Visit to site for understanding the geological features.
7.	Identification of the Minerals (2 Practical)

Size = 2' X 2.5 '

Qty = 1



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List of Model & Samples

Sr. No.	Name of Model & Samples
1.	Model showing Dip, Strike and Escarpments (M. No 1),
2.	Model showing strikes & Dips in folded strata (M. No3),
3.	Model showing strikes, dips & pitch (plunge) (M. No 4),
4.	Symmetrical syncline also showing Axis and axial plane (m.no. 6),
5.	Symmetrical anticline also showing axis and axial plane (M.no.5),
6.	asymmetrical Anticline also showing Axis and axial plane; 9m. no. 7),
7.	Asymmetrical syncline also showing axis and axial plane 9m.no.8,
8.	Monoclinial fold (m.no. 11), Isoclinal Anticline and syncline (m.no.12),
9.	Recumbent fold (M.no. 13), Model of Normal fault (m.no. 20), Model of Reverse fault (m.no. 21),
10.	Model of Ridge and Trough Fault (m.no.22),
11.	Model of step fault (m.no. 23),
12.	one set of 4 models demonstrating variation in breadth of out crop strata 34,
13.	Effect of topography on the outcropping edges of horizontal strata (m.no.35),
14.	Effect of topography on outcropping edges of vertical strata (m.no. 36),
15.	Effect of topography on outcropping edges of inclined strata dipping downstream (m.no. 37),
16.	Effect of topography on outcropping edges of inclined strata dipping upstream (m.no.37A),
17.	One wooden model of earth exposing the different layers of the Earth's crust (M.no.46),
18.	Block Faulting (Horst and Graben) (m.no.76),
19.	Model of Delta (m.no. 79),
20.	Hardness collection set of 9 minerals with box (one set),
21.	Cleavage collection set of 10 minerals with box (One set),
22.	Quartz,
23.	Quartz (Smokey),
24.	Amethyst,
25.	Graphite,
26.	Felspar,
27.	Talk,
28.	Calcite (Green),
29.	Avendmie (Green),
30.	Corundnam,
31.	Hematite,
32.	Zeolite,
33.	Rock specimens trimmed to 10X7.5X2 cms,
34.	Mineral specimens' size 7.5X5 cms,



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35.	Physical Mineralogy collections,
36.	Collection of minerals showing Hardness,
37.	Physical Mineralogy collections,
38.	Collection of minerals showing Cleavage,
39.	P. C. only clinometer compass

Size = 2' X 3 '

Qty = 1