

Prepared data context sheet: Chobar Quarry, Kathmandu Valley, Nepal

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Chobar Quarry is located in the southwest region of Kathmandu Valley, Nepal – near the city of Kirtipur. It has inclined beds of primarily limestone (Chandragiri formation). The limestone has well defined beds and joints making it a good location for a kinematic analysis. This set of photos was taken on the north side of a small quarry pond. Students also used rod and compass measurements to measure the profile of the hillslope. The reference frame used was local only. Ground control points' x-y-z positions were calculated from azimuth, inclination, and distance from an arbitrary zero-position at the base of the outcrop.

- Location: N 27.6620, E085.2921, 1310 m
- Dataset collected by: Beth Pratt-Sitaula and students
- Appropriate for exercise: Analyzing High Resolution Topography Unit 2.1: Geodetic survey of an outcrop for road cut design
- Date collected: July 17, 2019
- Instrument: Sony ILCE-6000; camera was attached to the top of a ~2.5-meter pole and was remotely controlled with Sony Imaging Edge app
- Processing information: Images only
- Complete archived dataset: from the GETSI Website
- References: N/A