



Clark County Department of Building & Fire Prevention

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Division:	Building Plans Examination & Engineering	Policy & Procedure:	BD-PP-225
Subject:	Minimum Exploration Requirements	Effective Date:	07/05/2011
Code:	2018 Southern Nevada Amendments to the IBC Section 1803.3.2 and 1803.6	Revised Date:	09/14/2021

A. POLICY

Section 1803.3.2 of the 2018 IBC, as amended by the Southern Nevada Amendments, requires a minimum exploration depth of 15 feet. Geotechnical reports written prior to July 5, 2011 shall be allowed to use a minimum exploration depth of ten feet as permitted by the geotechnical engineer of record.

Section 1803.6 of the 2018 IBC, as amended by the Southern Nevada Amendments requires backup data to be included for at least one sample for every two explorations distributed among the prominent horizons in the soil profile. The backup data shall include a particle size distribution analysis, Atterberg limits, and chemical tests for sulfate soils and soil chlorides. Geotechnical reports written prior to July 5, 2011 shall provide this data if it is available. However, if the data is not available the update to the report shall, at a minimum, provide the chemical testing and the appropriate backup data needed to properly classify adverse soil condition identified in the body of the report. As an alternate to chemical testing the update report can assume a S3 and C2 exposure category per ACI 318-14 Table 19.3.1.1.

B. PROCEDURE

The plan reviewer shall review the geotechnical report and ensure the appropriate exploration depth is used based on the date of the report and the review of the geotechnical engineer of record.

Prepared By: Building Division

Date Prepared: 2011

Revision History:

Title	Revision/Approved Date	Effective Date
Minimum Exploration Requirements BP-PP-135		07/05/2011
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Minimum Exploration Requirements