

Soil Survey of Val Verde County, Texas

TABLE 7.--BUILDING SITE DEVELOPMENT

[Some terms that describe restrictive soil features are defined in the Glossary. See text for definitions of "slight," "moderate," and "severe." Absence of an entry indicates that the soil was not rated]

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
AcB----- Acuna	Moderate: too clayey.	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Severe: too clayey.
AmD----- Amistad	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, cemented pan.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: small stones, large stones, thin layer.
AsE, ATE*----- Amistad	Severe: depth to rock, cemented pan, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: small stones, large stones, thin layer.
CoB----- Coahuila	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Moderate: excess lime.
De*----- Dev	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: small stones, droughty, floods.
ERP*: Ector-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: slope, depth to rock.	Severe: depth to rock.	Severe: small stones, thin layer.
Rock outcrop.						
ERG*: Ector-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: small stones, large stones, slope.
Rock outcrop.						
FzG*: Felipe-----	Severe: slope.	Severe: shrink-swell, slope.	Severe: slope, shrink-swell.	Severe: shrink-swell, slope.	Severe: low strength, slope, shrink-swell.	Severe: small stones, slope.
Zorra-----	Severe: depth to rock, cemented pan.	Severe: depth to rock.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock.	Severe: depth to rock.	Severe: small stones, large stones, droughty.
HdB----- Hodgins	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Slight.
Ho----- Hodgins	Moderate: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: low strength, floods.	Severe: floods.
JmD*: Jimenez-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.	Severe: small stones, thin layer.
Quemado-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.	Severe: small stones, thin layer.

See footnote at end of table.

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TABLE 7.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
KTC*: Kavett-----	Severe: depth to rock, cemented pan.	Severe: depth to rock, shrink-swell, low strength.	Severe: depth to rock, shrink-swell, cemented pan.	Severe: depth to rock, shrink-swell, cemented pan.	Severe: depth to rock, shrink-swell.	Severe: thin layer, too clayey.
Tarrant-----	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, low strength.	Severe: large stones, thin layer, too clayey.
LaB----- Lagloria	Slight-----	Slight-----	Slight-----	Slight-----	Moderate: low strength.	Slight.
LnD----- Langtry	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: small stones, large stones, droughty.
LnE----- Langtry	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: small stones, large stones, droughty.
LRE*: Langtry-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock, slope.	Severe: depth to rock.	Severe: small stones, droughty, large stones.
Rock outcrop.						
LRG*: Langtry-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: small stones, large stones, thin layer.
Rock outcrop.						
La----- Laredo	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Slight.
Lv----- Laredo Variant	Moderate: too clayey, wetness.	Moderate: shrink-swell.	Moderate: wetness, shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Slight.
LZD*: Lozier-----	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: depth to rock.	Severe: small stones, thin layer.
Shumla-----	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: thin layer.
MaD----- Mariscal	Severe: depth to rock.	Moderate: depth to rock, large stones.	Severe: depth to rock.	Moderate: slope, depth to rock, large stones.	Moderate: depth to rock, large stones.	Severe: large stones, thin layer.
MLG*: Mariscal-----	Severe: depth to rock, slope.	Severe: slope.	Severe: depth to rock, slope.	Severe: slope.	Severe: slope.	Severe: large stones, slope, thin layer.
Lozier-----	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: slope, depth to rock.	Severe: depth to rock, slope.	Severe: small stones, slope, thin layer.

See footnote at end of table.

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TABLE 7.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
OmD----- Olmos	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: slope, cemented pan.	Moderate: cemented pan.	Severe: small stones, thin layer.
Pn----- Pintas	Severe: wetness.	Severe: floods, wetness, shrink-swell.	Severe: floods, wetness.	Severe: floods, wetness, shrink-swell.	Severe: low strength, floods, shrink-swell.	Severe: floods, too clayey.
Pt*. Pits						
Ra----- Reynosa	Slight-----	Moderate: shrink-swell.	Moderate: shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Moderate: excess lime.
Rd----- Rio Diablo	Moderate: too clayey.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: low strength.	Severe: too clayey.
Rg----- Rio Grande	Severe: cutbanks cave.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Moderate: floods.
Ro*----- Rio Grande	Severe: cutbanks cave.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.	Severe: floods.
Rv*. Riverwash						
SaC*: Sanderson-----	Slight-----	Slight-----	Slight-----	Slight-----	Slight-----	Severe: small stones.
ShuMa----- Shumla	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: thin layer.
SuC----- Shumla	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Moderate: depth to rock, cemented pan.	Severe: thin layer.
TAD*----- Tarrant	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, large stones.	Severe: depth to rock, low strength, large stones.	Severe: large stones, thin layer, too clayey.
ToA----- Tobosa	Severe: cutbanks cave.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: shrink-swell.	Severe: low strength, shrink-swell.	Severe: too clayey.
VaB----- Valverde	Moderate: depth to rock.	Moderate: shrink-swell.	Moderate: depth to rock, shrink-swell.	Moderate: shrink-swell.	Severe: low strength.	Moderate: excess lime.
ZaC*: Zapata-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan.	Severe: thin layer.
Vinegarroon-----	Severe: cemented pan.	Moderate: cemented pan.	Severe: cemented pan.	Moderate: cemented pan.	Moderate: cemented pan, low strength.	Severe: thin layer.
ZoD*: Zorra-----	Severe: depth to rock, cemented pan.	Severe: depth to rock.	Severe: depth to rock, cemented pan.	Severe: depth to rock.	Severe: depth to rock.	Severe: small stones, droughty, large stones.
Rock outcrop.						

See footnote at end of table.

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TABLE 7.--BUILDING SITE DEVELOPMENT--Continued

Soil name and map symbol	Shallow excavations	Dwellings without basements	Dwellings with basements	Small commercial buildings	Local roads and streets	Lawns and landscaping
ZoE*, ZRE*: Zorra-----	Severe: depth to rock, cemented pan.	Severe: depth to rock.	Severe: depth to rock, cemented pan.	Severe: slope, depth to rock.	Severe: depth to rock.	Severe: small stones, droughty, large stones.
Rock outcrop.						

* See description of the map unit for composition and behavior characteristics of the map unit.