

United States Department of Agriculture
Natural Resources Conservation Service

Santa Fe Area, New Mexico, Santa Fe County and Part of Rio Arriba County
Table K2.--Soil Features

03/02/2004

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
AD: ADEL-----	---	---	---	---	---	---	Moderate	Moderate	Low
AF: AGUA FRIA-----	---	---	---	---	---	---	Low	High	High
AG: ALLUVIAL LAND, GRAVELLY	---	---	---	---	---	---	---	---	---
AL: ALLUVIAL LAND-----	---	---	---	---	---	---	---	---	---
AM: ALLUVIAL LAND-----	---	---	---	---	---	---	---	---	---
An: ANCHO-----	---	---	---	---	---	---	Moderate	High	Low
Ao: ANCHO-----	---	---	---	---	---	---	Moderate	High	Moderate
AP: APACHE-----	Bedrock (lithic)	4-20	---	---	---	---	Moderate	High	Low
BA: BADLAND-----	Bedrock (paralithic)	0-3	---	Moderately cemented	---	---	---	---	---
BD: BASALT ROCK LAND-----	Bedrock (lithic)	0-0	---	---	---	---	---	---	---
Be: BLUEWING-----	---	---	---	---	---	---	Low	High	Low

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Cf: CERRILLOS-----	---	---	---	---	---	---	Low	High	Low
CG: CERRILLOS-----	---	---	---	---	---	---	Low	High	Low
Ch: CERRILLOS-----	---	---	---	---	---	---	Low	High	Low
CM: CHIMAYO-----	Bedrock (lithic)	12-20	---	---	---	---	Low	Moderate	Low
CO: CLOVIS-----	---	---	---	---	---	---	Low	High	Low
CU: CUEVA-----	Bedrock (paralithic)	20-40	---	Moderately cemented	---	---	Low	High	Low
CV: CUNDIYO-----	---	---	---	---	---	---	Moderate	Moderate	Low
DP: DEAN-----	---	---	---	---	---	---	Low	High	Low
PASTURA-----	Petrocalcic	5-20	4-17	Indurated	---	---	Low	High	Low
Ec: EL RANCHO-----	---	---	---	---	---	---	Moderate	High	Low
Ed: EL RANCHO-----	---	---	---	---	---	---	Moderate	High	Low
Ee: EL RANCHO-----	---	---	---	---	---	---	Moderate	High	Low

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		In	In		In	In			
GL: GUAJE-----	---	---	---	---	---	---	Low	High	Low
HA: HAGERMAN-----	Bedrock (lithic)	---	---	---	---	---	Low	High	Low
HC: HARVEY-----	---	---	---	---	---	---	Low	High	Low
HD: HARVEY-----	---	---	---	---	---	---	Low	High	Low
DEAN-----	Petrocalcic	---	---	Strongly cemented	---	---	Low	High	Low
HP: HARVEY-----	---	---	---	---	---	---	Low	High	Low
PENISTAJA-----	---	---	---	---	---	---	---	High	Low
HR: HARVEY-----	---	---	---	---	---	---	Low	High	Low
CERRILLOS-----	---	---	---	---	---	---	Low	High	Low
LB: LA BRIER-----	---	---	---	---	---	---	Low	High	Low
Lf: LA FONDA-----	---	---	---	---	---	---	Low	High	Low
Lg: LAPORTE-----	Bedrock (paralithic)	10-19	---	Moderately cemented	---	---	Low	High	Low
ROCK OUTCROP-----	Bedrock (lithic)	0-0	0-0	---	---	---	---	---	---

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
MG: MONTOSO-----	---	---	---	---	---	---	Moderate	Moderate	Low
MH: MONTOSO-----	---	---	---	---	---	---	Moderate	Moderate	Low
MO: MORIARTY-----	---	---	---	---	---	---	Low	High	Low
NA: NAMBE-----	---	---	---	---	---	---	Moderate	High	High
NB: NAMBE-----	---	---	---	---	---	---	Moderate	Low	High
NE: NAMBE-----	---	---	---	---	---	---	Moderate	Low	High
NM: NAMBE-----	---	---	---	---	---	---	Moderate	Low	High
ROCK OUTCROP-----	Bedrock (lithic)	0-0	---	---	---	---	---	---	---
NR: NAMBE-----	---	---	---	---	---	---	Moderate	Low	High
ROCK OUTCROP-----	Bedrock (lithic)	0-0	---	---	---	---	---	---	---
OG: ORTIZ-----	Bedrock (paralithic)	20-40	10-10	Moderately cemented	---	---	Moderate	High	Low
OP: OTERO-----	---	---	---	---	---	---	Low	High	Low
PALMA-----	---	---	---	---	---	---	Low	High	Low

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	Kind	Depth to top In	Thickness In	Hardness	Initial In	Total In		Uncoated steel	Concrete
Pa: PANKY-----	---	---	---	---	---	---	Low	High	Low
PB: PANKY-----	---	---	---	---	---	---	Low	High	Low
PC: PENA-----	---	---	---	---	---	---	Moderate	High	Low
PD: PENISTAJA-----	---	---	---	---	---	---	---	High	Low
PE: PENITENTE-----	---	---	---	---	---	---	Moderate	High	High
PH: PERSAYO-----	Bedrock (paralithic)	4-20	10-10	---	---	---	Low	High	Moderate
SHALE ROCK LAND-----	Bedrock (paralithic)	0-0	10-10	---	---	---	---	---	---
PK: POJOAQUE-----	---	---	---	---	---	---	---	Moderate	Low
PANKY-----	---	---	---	---	---	---	Low	High	Low
Pm: POJOAQUE-----	---	---	---	---	---	---	---	Moderate	Low
ROUGH BROKEN LAND-----	Bedrock (lithic)	10-60	10-10	---	---	---	Low	High	Low
PN: POJOAQUE-----	---	---	---	---	---	---	---	Moderate	Low
ROUGH BROKEN LAND-----	Bedrock (lithic)	10-60	10-10	---	---	---	Low	High	Low

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
PR: PREWITT-----	---	---	---	---	---	---	Moderate	High	Low
RD: REDNUN-----	---	---	---	---	---	---	Moderate	High	Low
RE: REDNUN-----	---	---	---	---	---	---	Moderate	High	Low
PENA-----	---	---	---	---	---	---	Moderate	High	Low
RG: REDNUN-----	---	---	---	---	---	---	Moderate	High	Low
TRAVESSILLA-----	Bedrock (lithic)	6-20	10-10	---	---	---	Low	High	Low
RH: RIVERWASH, SANDY-----	---	---	---	---	---	---	---	---	---
BLUEWING-----	---	---	---	---	---	---	Low	High	Low
RK: ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-30	---	---	---	---	---	---
RL: ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-30	---	---	---	---	---	---
CHIMAYO-----	Bedrock (lithic)	12-20	10-10	---	---	---	Low	Moderate	Low
RO: ROCK SLIDES-----	Bedrock (lithic)	40-40	10-10	Very strongly cemented	---	---	---	---	---
RU: ROUGH BROKEN LAND-----	Bedrock (lithic)	10-60	10-10	---	---	---	Low	High	Low

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
SF:									
SANTA FE-----	Bedrock (lithic)	8-20	10-10	---	---	---	Moderate	Moderate	Low
LA FONDA-----	---	---	---	---	---	---	Low	High	Low
Sk:									
SANTA FE-----	Bedrock (lithic)	8-20	10-10	---	---	---	Moderate	Moderate	Low
ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---
SM:									
SANTA FE-----	Bedrock (lithic)	8-20	10-10	---	---	---	Moderate	Moderate	Low
ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---
SP:									
SILVER-----	---	---	---	---	---	---	Low	High	Low
POJOAQUE-----	---	---	---	---	---	---	---	Moderate	Low
SR:									
SILVER-----	---	---	---	---	---	---	Low	High	Low
ST:									
STONY ROCK LAND-----	---	0-0	10-30	---	---	---	---	---	---
ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---
SU:									
SUPERVISOR-----	Bedrock (lithic)	20-40	10-10	Very strongly cemented	---	---	Moderate	Moderate	Moderate
SV:									
SUPERVISOR-----	Bedrock (lithic)	20-40	10-10	Very strongly cemented	---	---	Moderate	Moderate	Moderate
ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---

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	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
TA: TAPIA-----	---	---	---	---	---	---	Low	High	Low
DEAN-----	---	---	---	---	---	---	Low	High	Low
TB: TRAVESSILLA-----	Bedrock (lithic)	6-20	10-10	---	---	---	Low	High	Low
BERNAL-----	Bedrock (lithic)	8-20	10-10	---	---	---	Moderate	Moderate	Moderate
TR: TRAVESSILLA-----	Bedrock (lithic)	4-20	10-10	---	---	---	Low	Moderate	Low
ROCK OUTCROP-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---
TU: TUFF ROCK LAND-----	Bedrock (lithic)	0-0	10-10	---	---	---	---	---	---
W: WATER-----	---	---	---	---	---	---	---	---	---
WC: WILCOXSON VARIANT-----	Bedrock (lithic)	20-40	10-10	Very strongly cemented	---	---	Moderate	Moderate	Low
WL: WILLARD-----	---	---	---	---	---	---	Low	High	Moderate
WN: WITT-----	---	---	---	---	---	---	Moderate	High	Low
ZU: ZUNI VARIANT-----	Bedrock (lithic)	40-60	10-10	---	---	---	Moderate	High	Moderate

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)