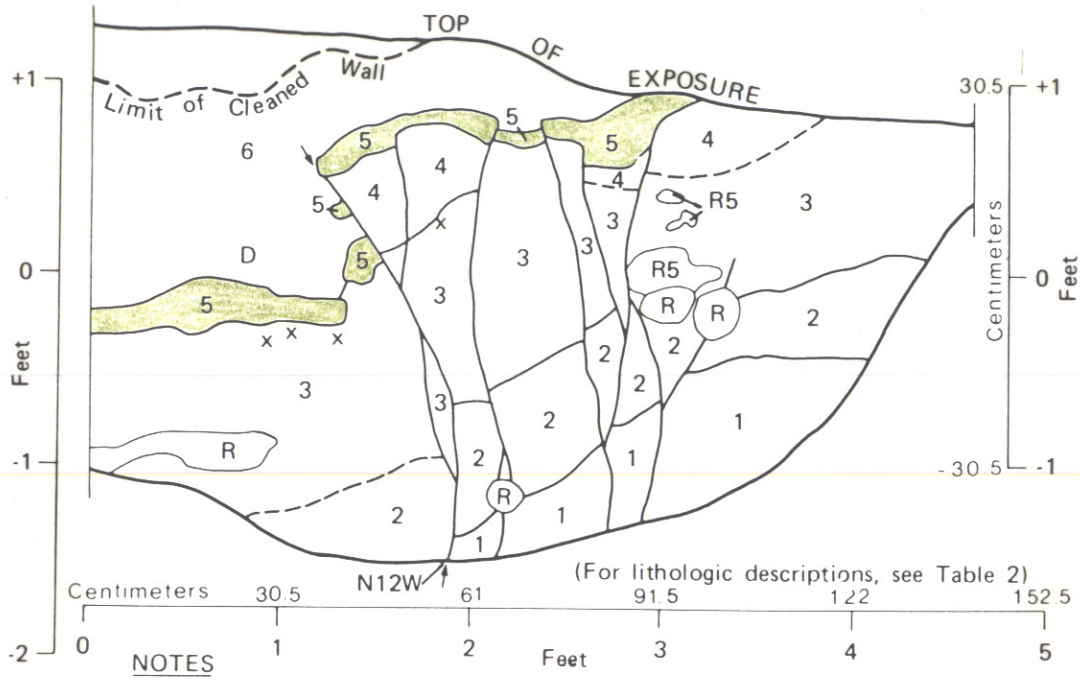

NOTES

(R) Rodent Burrow, filled

(R5) Rodent Burrow filled with sediment similar to Unit 5

x Carbonate Nodule

D Location of wood and newspaper fragments, tarred wood and brick

Unit	Nomenclature	Description
6	Older Fill	Yellowish brown (10YR 5/6) when moist, clayey silt; massive to weak, medium, angular blocky structure; friable, slightly sticky; slightly plastic; plentiful very fine to fine roots; contains pockets of decayed organics and one concentration of wood fragments, tared wood and newspaper fragments, and one brick; abrupt, wavy boundary.
5	Puddle Sediments	Brown (7.5Y 5/4) when moist, laminated silty very fine-grained sand, also found as infilling of some rodent burrows. Palynology analysis indicates fungal spores, possible algal debris, thistle, oak and grass; dried-out puddle in semi-arid prairie environment.
4	Horizon B_{21t}	Olive (5Y 5/3 to 4/3) when moist, sandy clay; moderate, angular, medium blocky structure; firm when moist, slightly sticky, plastic; few very fine pores, few very fine roots mostly dendritic between peds; local accumulations of very dark gray clay (10YR 3/1) and soft manganese(?) nodules; common moderately thick clay films and oxidation rinds on ped surfaces, salty to the taste; diffuse, wavy boundary.
3	Horizon B_{22ir}	Yellowish brown (10YR 5/8) when moist, brownish yellow (10YR 6/6) when dry, sandy clay at top grading down to sandy silt at bottom; massive to moderate, angular, medium blocky structure; hard when dry, sticky and slightly plastic when wet; slight HCL reaction; common very fine root tubules, few very fine to fine roots within and between peds, few very thin clay films; few calcareous nodulus at top; few filled rodent burrows; gradual wavy boundary.
2	C Horizon	Olive (5Y 5/3) when moist, very fine-grained sandy silt with clay; massive structure; hard when dry, sticky and slightly plastic when wet; plentiful very fine root tubules; thin clay films line root tubules and fractures; abrupt wavy boundary.
1	Terrace Deposits	Light gray (10YR 7/1) when moist; very fine-grained sandy silt; massive structure; non-sticky; non-plastic; very few roots; clay stains along root pores and fractures.

Figure 8 (to FER-172). Cut slope in Newport mesa logged by Guptill and Heath (1981). Refer to figure 2b for location of exposure and photo 4 for details of offset "puddle deposit" and old fill.