

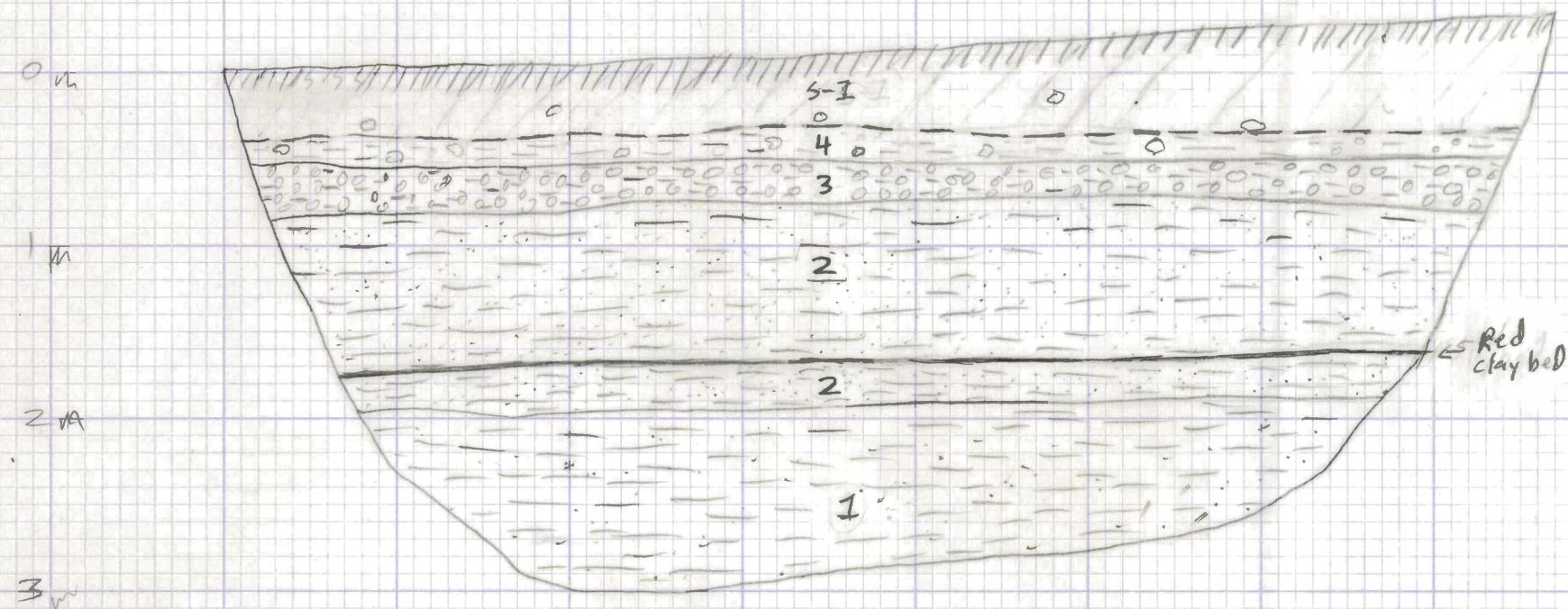
Springville-Spanish Fork Trench SP-2

①

WNW

SSE

(put scale at base)
Distance (meters)



- SSSSSSSS Soil A-Horizon
- Rock
- ~~Rock~~
- sharp contact
- - - Gradational contact
- indistinct contact

GEOLOGIC UNITS

(See Appendix in text for complete unit descriptions)

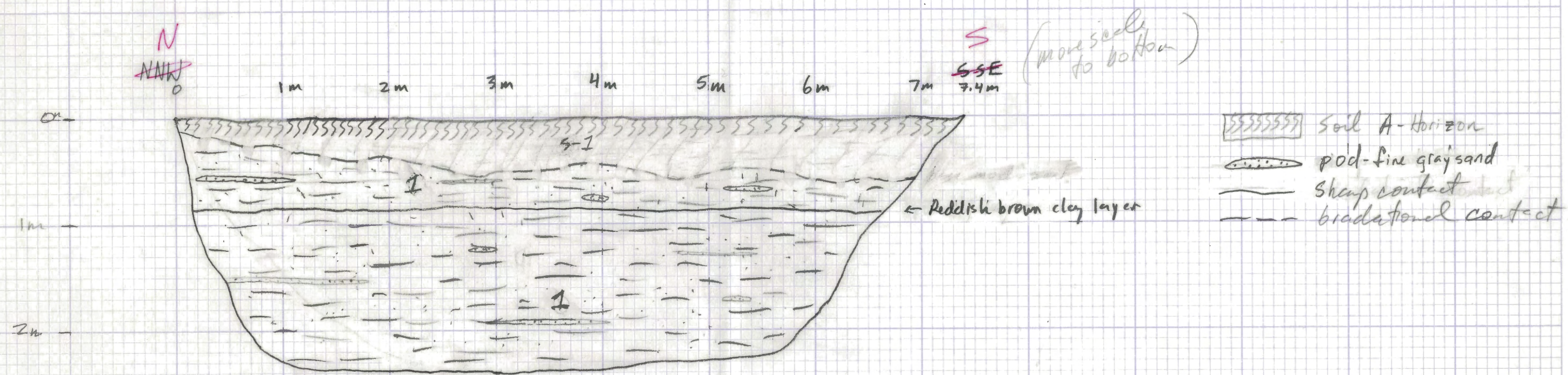
- 1 Lacustrine - Silty clay (stratified)
- 2 Lacustrine - Sandy clay (stratified)
- 3 Lacustrine - Clayey gravel (unstratified)
- 4 Lacustrine - Clayey silt/Silty clay (unstratified)
- S-1 Modern Soil - Silty clay (unstratified)

Soil A-Horizon on top of

on Mylar

2

Springville-Spanish Fork Trench SP-1



Unit ① lacustrine (Qlf) - Sandy clay [cl]; cyclically bedded (stratified); 7.5 yr $\frac{6}{4}$ - light brown; horizontal bedding; contains: red clay layer = 5 yr $\frac{5}{4}$ - reddish brown; interbeds of very fine sand - 2.5 yr $\frac{7}{2}$ - light gray; and pods of very fine gray sand - 10 yr $\frac{6}{2}$ light brownish gray; minor undulations and minor displacements of laminae up to 2 cm.

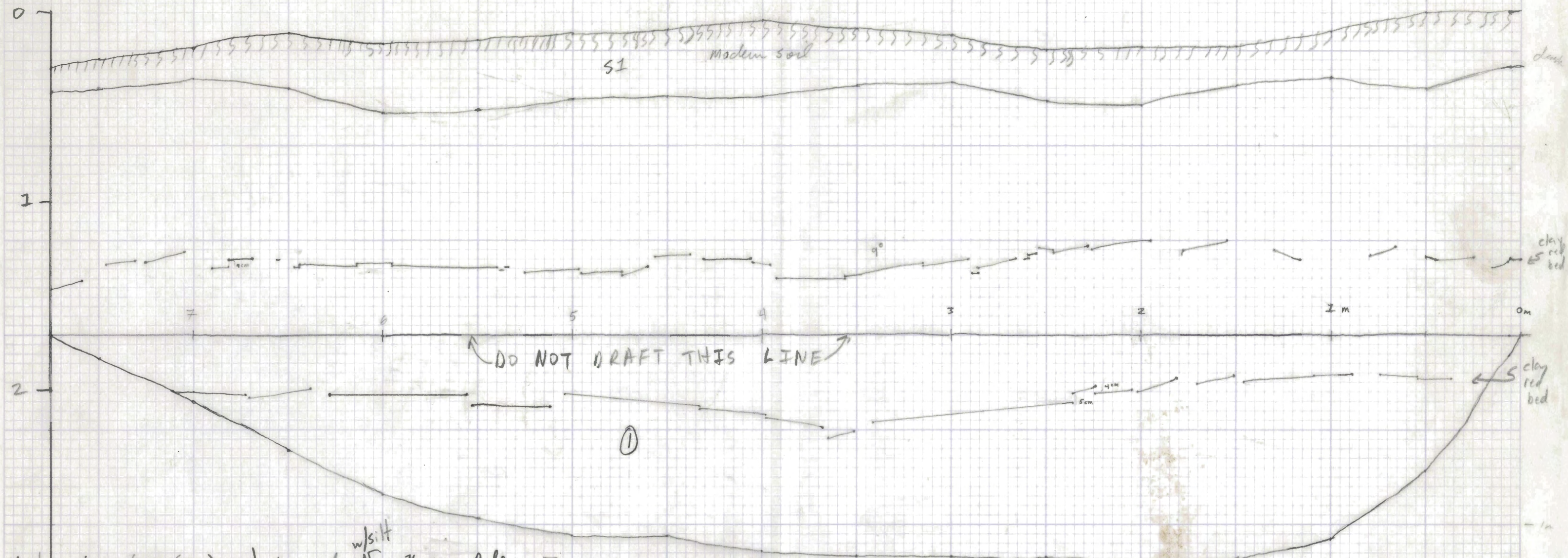
Unit ② Modern soil; (Qlf) sandy clay [cl]; 5 yr $\frac{4}{4}$ - reddish brown; lower 10 cm contains disseminated pods of CaCO_3 .

- GEOLOGIC UNITS**
 (see Appendix in text for complete unit descriptions)
 1 lacustrine - sandy clay (stratified)
 S-1 Modern Soil - sandy clay (unstratified)

Do Not Use these for digital maps
 Use these

Leave more space above
french on mylar

40 - desk
C-CO3
7011



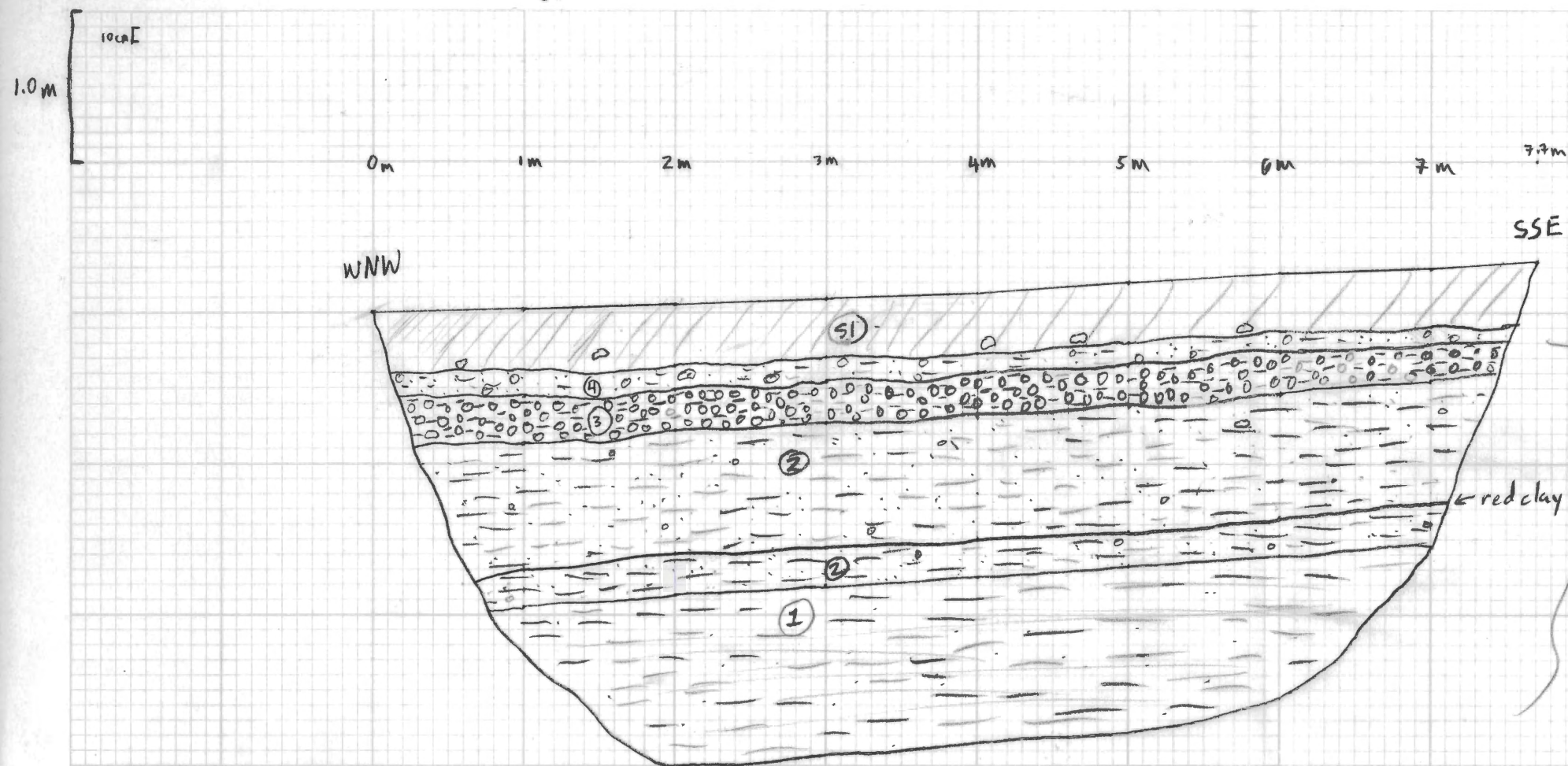
Unit 3 - Lacustrine (Qlc) - c1 lean clay ^{w/silt} [10 yr 7/8 - Very Pale Brown]; Contains occasional pebbles - ave size = 1 cm; largest = 3 cm; well rounded; disseminated Fe staining throughout; Contains layer of disseminated ^{1 Bubbles fluffy - 10%} pods of CaCO_3 at top of unit + into mod. soil-fr. N edge down to 2.5 m - mark; ^{CaCO3} zone 40 cm at widest; Contains continuous + non-continuous red beds (oxidized clay layers) - widths = @ 2-4 mm; weakly stratified except where red beds are traceable. Red bed (mm on) dips + is skewed (off set) in places. Red bed Color: 5 yr 6/8 - Reddish yellow.

S1 - Modern soil cl - lean clay w/ silt [10 yr³/₃ - Dark Brown]; Contains occ. pebbles (see above); ~~contains~~ well developed soil structure. - see CaCO₃ description fr. above.
Fizzes furiously w/ HCL 10%.

11/18/91 (Excavated 11/12/91)

Springville-Spanish Fork - Trench Sp-2 (on shoreline)

K. Hunt + Mike Love.



Slope profile	
0-1m	- 1 1/2°
1-2m	- 2°
2-3m	- 4° [2° - clump grass bias]
3-4m	- 2°
4-5m	- 4 1/2°
5-6m	- 3 1/2°
6-7m	- 2°
7-7.7m	- 4°

Note beds horizontal,
not tilted w/ slope as
indicated.

- ① Lacustrine (Q1c) - Silty clay (CL); 10 yr 6/4 - light yellowish brown; stratified; finely laminated; contains thin red layers (0.75 cm thick); no CaCO₃; disseminated pods of iron staining (v); undisturbed.
- ② Lacustrine (Q1c) - Sandy clay (CL); 10 yr 6/4 - light yellowish brown; stratified; contains isolated gravel; contains continuous thin red layer; localized CaCO₃ nodules; iron staining; undisturbed bed.
- ③ Lacustrine (?) (Q1k) - Clayey Gravel (GC); [clay matrix] = 10 yr 5/4 - yellowish brown; Ave. size gravel = 4.0 cm; largest 10 cm; sub-rounded to rounded (i = ss); matrix = disseminated CaCO₃. Matrix may have filled down.
- ④ Lacustrine (Q1f) - Clayey Silt/Silty clay (ML/CL); 10 yr 4/4 - dark yellowish brown; Contains some gravel, possibly tilled up - ave. 5.0 cm (ss); disseminated pods CaCO₃.
- ⑤ Modern Soil (s) - Silty clay (CL); 10 yr 4/2 - dark grayish brown; Contains isolated gravel at base of lower contact; no CaCO₃; possibly tilled. } non-stratified.

re-drafted
for Illustrations
(Editorial)