F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
711	(115BR)BR	VERMILION	43	20

CONTRACT 70263

SOIL BORING LOG

FORM NO. 3 D. 137 REV. 9-60 — Sh. 1 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT
ROUTE SBI 119 (US 136)
SEC. 115 BR
COUNTY VERMILION
Boring No. 1
Station 4+89
Offset 38' RT.

BRIDGE SBI-119 OVER
MIDDLE FORK VERMILION RIVER
STA. 5+03

Date 5-31-66
Bored By BAKER
Checked By CWK

Surface Water El. —
Groundwater El. at Completion
After 24 Hours
WASH BORING 662.2

Description	Elevation	N	Qu t/s.f.	w (%)
Ground Surface	662.7			
STIFF BLACK CLAY & SILTY CLAY MIX	660.2			
Proposed Flowline				
VERY STIFF & HARD GRAY & BROWN CLAY LOAM TILL		12	4.1B	11
	-5			
		12	2.3B	11
	655.2			
MEDIUM COARSE TO FINE GRAY BROWN SAND & SAND LOAM WITH WATER		24	—	—
	652.7 -10			
VERY STIFF COARSE BROWN GRAY SANDY CLAY LOAM TILL	650.7	14	2.5E	—
LOOSE BROWN GRAY SAND LOAM WITH FREE WATER		8	—	—
	647.7 -15			
MEDIUM DENSE GRAY SILT LOAM WITH SAND LOAM LENSES	645.7	14	1.3S	16
MEDIUM TO DENSE FINE GRAY BROWN SAND WITH FREE WATER		28	—	—
	-20			
	641.2	57	—	—
HARD GRAY SANDY CLAY LOAM TILL				

Description	Elevation	N	Qu t/s.f.	w (%)
HARD GRAY SANDY CLAY LOAM TILL	638.2	90	10.0+ E	
DENSE FINE TO COARSE SAND WITH WATER	-25 636.2	60	—	
HARD SANDY CLAY LOAM TILL	633.7	38	6.8S	1[illegible]
LIMIT OF BORING	-30			
	-35			
	-40			
	-45			

Standard Penetration Test – [illegible] per foot to drive 2" [illegible] Split Spoon Sampler 12" with [illegible]

Qu – Unconfined Compressive Strength – t/s.f.
w – Water Content – percentage

Type failure:
B – Bulge Failure
S – Shear Failure

33

FORM NO. 3 D. 137 REV. 9-60 — Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

PROJECT
ROUTE SBI-119 (US 136)
SEC. 115 BR
COUNTY VERMILION
Boring No. 2
Station 5+36
Offset 19' LT.

BRIDGE SBI-119 OVER
MIDDLE FORK VERMILION RIVER
STA. 5+03

Date 6-1-66
Bored By BAKER
Checked By CWK

Surface Water El. —
Groundwater El. at Completion
After 0 Hours
WASH BORING 660.8

Description	Elevation	N	Qu t/s.f.	w (%)
Ground Surface	672.8			
BROWN MOTTLED CLAY TO CLAY LOAM FILL	-5			
	662.8 -10			
MEDIUM BLACK SILTY CLAY LOAM		7	0.7B	33
Proposed Flowline	659.3			
HARD BROWN GRAY SANDY CLAY LOAM TILL	-15 656.8	34	5.0E	11
MEDIUM BROWN GRAY SAND WITH LENSE SANDY CLAY LOAM TILL	653.8	28	—	—
HARD GRAY BROWN SANDY CLAY LOAM TILL	-20	25	4.0E	

Description	Elevation	N	Qu t/s.f.	w (%)
		9	1.3B	1[illegible]
	-25	11	1.6S	1[illegible]
STIFF GRAY BROWN SANDY CLAY LOAM TILL		17	1.6S	1[illegible]
	-30	13	1.6S	1[illegible]
	641.3			
VERY LOOSE GRAY BROWN SAND WITH FREE WATER	639.3	0	—	—
VERY DENSE GRAY COARSE SAND WITH LENSE OF GRAY SANDY CLAY LOAM TILL	-35 636.3	60	—	—
HARD GRAY SANDY CLAY LOAM TILL		69	8.0+ E	8[illegible]
	632.3 -40	61	8.0+E	8[illegible]
LIMIT OF BORING				
	-45			

Standard Penetration Test – [illegible] per foot to drive 2" [illegible] Split Spoon Sampler 12" with [illegible] hammer falling 30".

Qu – Unconfined Compressive Strength – t/s.f.
w – Water Content – percentage

Type failure:
B – Bulge Failure
S – Shear Failure
[illegible]

33