

**COLORADO DEPARTMENT OF TRANSPORTATION
PRELIMINARY SOIL SURVEY**

Form #157 Report No. **191400**

Sheet No. **1 of 4**

Note: If samples are submitted leave sieve analysis section blank

Project No. **HWY 287B, MP 123.5 to 125.75**

Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing								Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _R P.S.I.
					3"	1"	3/4"	3/8"	#4	#10	#40	#200					
		MP 123.50 to 124.50															
MP 123.50 NB																	
0" to 5 1/4"	1A	PCCP															
5 1/4" to 8 1/2"	1B	HMA															
8 1/2" to 18 1/2"	1C	Fine Sand-Sample	0.00					100	99	75	12	NV	NP	A-2-4(0)	0.6	26158	
18 1/2" to 4'	1D	Fine Sand-Sample	0.00					100	99	57	6.7	NV	NP	A-3(0)	0.5	22214	
MP 123.70 NB																	
0" to 6 3/4"	2A	PCCP															
6 3/4" to 10 3/4"	2B	HMA															
10 3/4" to 19"	2C	Fine Sand-Sim to 1C												A-2-4(0)		26158	
19" to 36"	2D	Slightly Clayey Sand-Sample	0.00				100	99	96	77	29	20	7	A-2-4(0)	0.7	6629	
MP 123.90 NB																	
0" to 5 1/2"	3A	PCCP															
5 1/2" to 9"	3B	HMA															
9" to 17"	3C	Slightly Clayey Sand-Sim to 2D												A-2-4(0)		6629	
17" to 4'	3D	Fine Sand-Sim to 1D												A-3(0)		22214	

Remarks:

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Station and Log	Test No.	Description	Sulfates	Max Size	Percent passing								Liquid limit	Plastic Index	Classification & Group Index	Mois- ture %	M _R P.S.I.
					3"	1"	3/4"	3/8"	#4	#10	#40	#200					
		MP 123.50 to 124.50															
MP 124.101 NB																	
0" to 5"	4A	PCCP															
5" to 8"	4B	HMA															
8" to 16 1/2"	4C	Fine Sand-Sim to 1C													A-2-4(0)		26158
16 1/2" 36"	4D	Slightly Clayey Sand-Sim to 2D													A-2-4(0)		6629
36" to 4'	4E	Fine Sand-Sim to 1D													A-3(0)		22214
MP 124.30 NB																	
0" to 5 1/2"	5A	PCCP															
5 1/2" to 8 1/2"	5B	HMA															
8 1/2" to 17 1/2"	5C	Fine Sand-Sim to 1C													A-2-4(0)		26158
17 1/2" to 4'	5D	Fine Sand-Sample	0.00						100	99	80	26	NV	NP	A-2-4(0)	0.8	17672
MP 124.50 NB																	
0" to 5 1/2"	6A	PCCP															
5 1/2" to 8 1/2"	6B	HMA															
8 1/2" to 17 1/2"	6C	Fine Sand-Sim to 1C													A-2-4(0)		26158
17 1/2" to 29"	6D	Slightly Clayey Sand-Sim to 2D													A-2-4(0)		6629
29" to 4'	6E	Fine Sand-Sim to 5D													A-2-4(0)		17672

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Project No. **HWY 287B, MP 123.5 to 125.75**

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					3"	1"	3/4"	3/8"	#4	#10	#40	#200					
		MP 124.75 to 125.75															
MP 124.75 SB																	
0" to 5 3/4"	7A	PCCP															
5 3/4" to 14"	7B	Fine Sand-Sim to 9B												A-2-4(0)			27925
14" to 21"	7C	Slightly Clayey Sand-Sample	0.00						100	99	83	29	19	4	A-2-4(0)	0.8	19492
21" to 4'	7D	Fine Sand-Sim to 12C												A-2-4(0)			16553
MP 124.95 SB																	
0" to 5 1/2"	8A	PCCP															
5 1/2" to 11"	8B	Fine Sand-Sim to 9B												A-2-4(0)			27925
11" to 29"	8C	Fine Sand-Sim to 12B												A-2-4(0)			24503
29" to 4'	8D	Clayey Sand-Sample	0.00						100	91	35	26	11	A-2-6(0)	2.0		3681
MP 125.15 SB																	
0" to 6 1/2"	9A	PCCP															
6 1/2" to 17"	9B	Fine Sand-Sample	0.00			100	99	98	93	67	12	NV	NP	A-2-4(0)	0.3		27925
17" to 4'	9C	Fine Sand-Sim to 12C												A-2-4(0)			16553

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					3"	1"	3/4"	3/8"	#4	#10	#40	#200					
		MP 124.75 to 125.75															
MP 125.35 SB																	
0" to 5 3/4"	10A	PCCP															
5 3/4" to 12 1/2"	10B	Slightly Clayey Sand-Sample	0.00						100	98	80	33	21	8	A-2-4(0)	1.0	4627
12 1/2" to 17"	10C	Clayey Sand-Sample	0.00						100	99	80	33	24	11	A-2-6(0)	1.3	
17" to 4'	10D	Slightly Clayey Sand-Sample	0.00						100	82	30	21	7	A-2-4(0)	1.2	4195	
MP 125.55 SB																	
0" to 10 3/4"	11A	PCCP															
10 3/4" to 42"	11B	Fine Sand-Sim to 12B													A-2-4(0)		24503
42" to 4'	11C	Fine Sand-Sim to 12C													A-2-4(0)		16553
MP 125.75 SB																	
0" to 10"	12A	PCCP															
10" to 28"	12B	Fine Sand-Sample	0.00						100	78	23	NV	NP	A-2-4(0)	0.3	24503	
28" to 4'	12C	Sand-Sample	0.00				100	99	94	65	22	20	3	A-2-4(0)	0.2	16553	

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