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REVISED [Nov 2019] - Table 6.2-2			
Surficial Materials in the MVP Southgate Project Area			
Project Facilities	From Milepost	To Milepost	Surficial Geology Material
Pipeline Facilities			
H-605	0.00	0.28	Residual materials developed in sedimentary rocks, discontinuous
	0.28	0.47	Residual materials developed in bedrock, discontinuous
H-650	0.00	0.37	Residual materials developed in bedrock, discontinuous
	0.37	1.22	Residual materials developed in sedimentary rocks, discontinuous
	1.22	2.05	Residual materials developed in sedimentary rocks, discontinuous
	2.05	15.18	Residual materials developed in igneous and metamorphic rocks
	15.18	30.82	Residual materials developed in bedrock, discontinuous
	30.82	73.17	Residual materials developed in igneous and metamorphic rocks
Aboveground Facilities			
Lambert Compressor Station / Interconnect / MLV 1	Area (acres)	Near Milepost	---
Lambert Compressor Station / Interconnect / MLV 1	8.6	0	Residual materials developed in bedrock, discontinuous
MLV 2	<0.1	7.4	Residual materials developed in igneous and metamorphic rocks
MLV 3	<0.1	18.3	Residual materials developed in bedrock, discontinuous
LN 3600 Interconnect	0.9	28.2	Residual materials developed in bedrock, discontinuous
T-15 Dan River Interconnect / MLV4	0.8	30.4	Residual materials developed in bedrock, discontinuous
MLV 5	<0.1	42.2	Residual materials developed in igneous and metamorphic rocks
MLV 6	<0.1	55.1	Residual materials developed in igneous and metamorphic rocks
MLV 7	<0.1	68.7	Residual materials developed in igneous and metamorphic rocks
T-21 Haw River Interconnect / MLV 8	0.6	73.2RR	Residual materials developed in igneous and metamorphic rocks

REVISED [Nov 2019] - Table 6-B-1							
Bedrock Geology in the MVP Southgate Project Area							
Project Facilities	From Milepost	To Milepost	Crossing Length (Miles)	Formation	Primary Rock	Secondary Rock	Map Symbol
Pipeline Facilities							
H-605	0.00	0.07	0.07	Upper Triassic	sandstone	siltstone	TRss
	0.07	0.19	0.12	Upper Triassic	conglomerate		TRc
	0.19	0.47	0.28	Upper Triassic	sandstone	siltstone	TRss
H-650	0 RR	0.39	0.41	Upper Triassic	sandstone	siltstone	TRss
		0.39	0.95	Upper Triassic	conglomerate		TRc
		0.95	1.2	Proterozoic Z-Cambrian	mica schist	gneiss	Zfm
		1.20	1.86	Cambrian	granite		lw
		1.86	14.95	Proterozoic Z-Cambrian	mica schist	gneiss	Zfm
		14.95	16.19	Upper Triassic	conglomerate		TRc
		16.19	17.13	Upper Triassic	sandstone		TRs
		17.13	18.03	Upper Triassic	sandstone	siltstone	TRss
		18.03	18.7	Upper Triassic	conglomerate		TRc
		18.70	20.62	Proterozoic Z	biotite gneiss	amphibolite	Zau
		20.62	21.07	Proterozoic Z-Cambrian	mica schist	amphibolite	Zab
		21.07	22.35	Proterozoic - Paleozoic ?	mylonite	gneiss	my
		22.35	22.46RR	Upper Triassic	sandstone	siltstone	TRss
		22.46 RR	22.46RR	Proterozoic - Paleozoic ?	mylonite	gneiss	my
		22.46 RR	24.57	Upper Triassic	sandstone	siltstone	TRss
		24.57	26.11	Triassic	sandstone	siltstone	TRcs
		26.11	28.99	Triassic	sandstone	mudstone	TRdp
		28.99	29.35RR	Triassic	mudstone	sandstone	TRdc
	29.35 RR	31.11	Triassic	sandstone	mudstone	TRdp	
	31.11	32.65	Cambrian/Late Proterozoic	biotite gneiss	mica schist	CZbg	

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Bedrock Geology in the MVP Southgate Project Area

Project Facilities	From Milepost	To Milepost	Crossing Length (Miles)	Formation	Primary Rock	Secondary Rock	Map Symbol
	32.65	32.95	0.30	Cambrian/Late Proterozoic	felsic gneiss	mafic gneiss	CZfg
	32.95	34.12	1.17	Cambrian/Late Proterozoic	biotite gneiss	mica schist	CZbg
	34.12	34.93	0.82	Cambrian/Late Proterozoic	felsic gneiss	mafic gneiss	CZfg
	34.93	39.31	4.39	Cambrian/Late Proterozoic	biotite gneiss	mica schist	CZbg
	39.31	41.28	2.02	Cambrian/Late Proterozoic	felsic gneiss	mafic gneiss	CZfg
	41.28	46.1RR	4.82	Cambrian/Late Proterozoic	biotite gneiss	mica schist	CZbg
	46.1 RR	47.56	1.45	Permian/Pennsylvanian	granite		PPg
	47.56	48.35	0.80	Cambrian/Late Proterozoic	biotite gneiss	mica schist	CZbg
	48.35	49.29	0.94	Permian/Pennsylvanian	granite		PPg
	49.29	50.57RR	1.28	Cambrian/Late Proterozoic	mafic metavolcanic rock	felsic metavolcanic rock	CZmv
	50.57 RR	50.63RR	0.05	Cambrian/Late Proterozoic	phyllite	schist	CZph
	50.63 RR	54.77	4.24	Cambrian/Late Proterozoic	mafic metavolcanic rock	felsic metavolcanic rock	CZmv
	54.77	55.37RR	0.60	Cambrian/Late Proterozoic	felsic metavolcanic rock	mafic metavolcanic rock	CZfv
	55.37 RR	58.32	3.23	Cambrian/Late Proterozoic	metamorphic rock		CZg
	58.32	59.2RR	0.93	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	59.2 RR	59.4RR	0.20	Cambrian/Late Proterozoic	metamorphic rock		CZg
	59.4 RR	59.63	0.21	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	59.63	60.55	0.92	Cambrian/Late Proterozoic	metamorphic rock		CZg
	60.55	61.32	0.80	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	61.32	61.54	0.22	Cambrian/Late Proterozoic	metamorphic rock		CZg
	61.54	61.59	0.05	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	61.59	61.86	0.27	Cambrian/Late Proterozoic	metamorphic rock		CZg

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Bedrock Geology in the MVP Southgate Project Area

Project Facilities	From Milepost	To Milepost	Crossing Length (Miles)	Formation	Primary Rock	Secondary Rock	Map Symbol
	61.86	62.26RR	0.40	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	62.26 RR	63.28RR	1.11	Cambrian/Late Proterozoic	metamorphic rock		CZg
	63.28 RR	64.52	1.41	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	64.52	69.4	5.12	Cambrian/Late Proterozoic	metamorphic rock		CZg
	69.40	72.89RR	3.59	Cambrian/Late Proterozoic	mafic metavolcanic rock	felsic metavolcanic rock	CZmv
	72.89 RR	73.16RR	0.29	Paleozoic/Late Proterozoic	metamorphic rock		PzZg
	73.16 RR	73.17RR	0.01	Cambrian/Late Proterozoic	mafic metavolcanic rock	felsic metavolcanic rock	CZmv
Aboveground Facilities							
	Area (Acres)	Near Milepost					
Lambert Compressor Station & Interconnect / MLV 1	8.6	0.0	Upper Triassic	sandstone	siltstone		TRss
MLV 2	<0.1	7.4	Proterozoic Z-Cambrian	mica schist	gneiss		Zfm
MLV 3	<0.1	18.3	Upper Triassic	conglomerate			TRc
LN 3600 Interconnect	0.9	28.2	Triassic	sandstone	mudstone		TRdp
T-15 Dan River Interconnect / MLV 4	0.8	30.4	Triassic	sandstone	mudstone		TRdp
MLV 5	<0.1	42.2	Cambrian/Late Proterozoic	biotite gneiss	mica schist		CZbg
MLV 6	<0.1	55.1	Cambrian/Late Proterozoic	felsic metavolcanic rock	mafic metavolcanic rock		CZfv
MLV 7	<0.1	68.7	Cambrian/Late Proterozoic	metamorphic rock			CZg
T-21 Haw River Interconnect / MLV 8	0.6	73.2RR	Cambrian/Late Proterozoic	mafic metavolcanic rock	felsic metavolcanic rock		CZmv
T-21 Haw River Interconnect / MLV 8	0.0	73.2RR	Paleozoic/Late Proterozoic	metamorphic rock			PzZg

Table 6-B-2**Shallow Bedrock Locations**

NOTE: The desktop analysis in Table 6-B-2 is superseded with the Project information in Table 27-1, Areas of Potential FAE for Right-of-Way grade and Pipeline Trench Excavation [FERC Accession No. 20191023-5011]