SH15-12 Box 9 of 17
75'10" ft. to 83' ft. depth

SH15-12 Box 10 of 17
83' ft. to 90'10" ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-12 Box 11 of 17
90’10” ft. to 95’1” ft. depth

SH15-12 Box 12 of 17
95’1” ft. to 100’4” ft. depth

NOTE:
1. Photographs have been cropped from original photographs. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the logs may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-12 Box 13 of 17
100'4" ft. to 106'10" ft. depth

SH15-12 Box 14 of 17
106'10" ft. to 113"5" ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For a more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the logs may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-12 Box 15 of 17
113'5" ft. to 119'5" ft. depth

SH15-12 Box 16 of 17
119'5" ft. to 124' ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference, please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly alined. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT
Golder Associates

PROJECT
WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION, BURNABY, B.C.

TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000
Rev. A
SH15-12 Page # 8
SH15-12 Box 17 of 17
124' ft. to 125'8" ft. depth (End of Sonic)
SH15-12 Rock Core Boxes (2 Boxes)
125’8” ft. to 154’6” ft. depth (EOH)

NOTE: 1. Photographs have been cropped from original photograph scan. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT

KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT

Yyyy-mm-dd 2016-01-21

PREPARED RE

DESIGN RE

REVIEW MM

APPROVED JJ

PROJECT

WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION,
BURNABY, B.C.

TITLE ROCK CORE PHOTOGRAPHS

PROJECT No. 140337/15000

Rev. A

SH15-12 Page # 10
SH15-14 Box 3 of 21
22’4” ft. to 35’2” ft. depth

SH15-14 Box 4 of 21
35’2” ft. to 45’1” ft. depth

NOTE: 1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.

2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly shifted. Please refer to sonic and borehole logs for final information.

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CONSULTANT: RE

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PROJECT:
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BURNABY, B.C.

TITLE: SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000

Rev. A

SH15-14 Page # 2
SH15-14 Box 5 of 21
45'1" ft. to 54'1" ft. depth

SH15-14 Box 6 of 21
54'1" ft. to 64'8" ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the log may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-14 Box 7 of 21
64’8” ft. to 74’10” ft. depth (LOST CORE 74’10”-80’)

SH15-14 Box 8 of 21
80’ ft. to 89’5” ft. depth

NOTE:
1. Photographs have been cropped from original photograph scan. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the log may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT: KINDER MORGAN (TRANS MOUNTAIN)
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PROJECT: WESTRIDGE MARINE TERMINAL
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TITLE: SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/45000
Rev. A
SH15-14 Box 9 of 21
89'5" ft. to 100'2" ft. depth

SH15-14 Box 10 of 21
100'2" ft. to 107'10" ft. depth

NOTE: 1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.

2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

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BURNABY, B.C.

TITLE:
SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000
Rev. A
SH15-14 Page # 5
SH15-14 Box 13 of 21
127'8" ft. to 136'5" ft. depth

SH15-14 Box 14 of 21
136'5" ft. to 144'10" ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT

YYMM-DD: 2016-01-22
PREPARED: RE
DESIGN: RE
REVIEW: MM
APPROVED: JJ

PROJECT
WESTRIDGE MARINE TERMINAL
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BURNABY, B.C.

TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No.: 1403337/15000
Rev. A
SH15-14 Page # 7
SH15-14 Box 15 of 21
144’10” ft. to 154’6” ft. depth

SH15-14 Box 16 of 21
154’6” ft. to 164’6” ft. depth

NOTE:
1. Photographs have been cropped from original photograph scan. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and boronole logs for final information.

KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT:

PROJECT:
WESTRIDGE MARINE TERMINAL
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TITLE:
SONIC CORE PHOTOGRAPHS

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PROJECT No. 1403337/15000

Rev. A

SH15-14 Page # 8
SH15-14 Box 17 of 21
164’6” ft. to 175’4” ft. depth

SH15-14 Box 18 of 21
175’4” ft. to 185’1” ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-14 Box 19 of 21
185'1" ft. to 191'11" ft. depth

SH15-14 Box 20 of 21
191'11" ft. to 199'4" ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT
YY/MM/DD 2016-01-22
PREPARED RE
DESIGN RE
REVIEW MM
APPROVED JJ

PROJECT
WESTRIDGE MARINE TERMINAL
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TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000
Rev. A
SH15-14 Page # 10
SH15-14 Box 21 of 21
199'4" ft. to 204'3" ft. depth (EOH)
SH15-15 Box 1 of 20
0'0" ft. to 11'1 ft. depth

SH15-15 Box 2 of 20
11'1 ft. to 21'5 ft. depth
SH15-15 Box 3 of 20
21'5" ft. to 31'5" ft. depth

SH15-15 Box 4 of 20
31'5" ft. to 41'2" ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-15 Box 5 of 20
41'2" ft. to 52'1" ft. depth

SH15-15 Box 6 of 20
52'1" ft. to 58'8" ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly off. Please refer to sonic and borehole logs for final information.

KINDER MORGAN (TRANS MOUNTAIN)

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WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION,
BURNABY, B.C.

TITLE

SONIC CORE PHOTOGRAPHS

PROJECT No.

1403337/15000

Rev. A

SH15-15 Page # 3
SH15-15 Box 9 of 20
77’ ft. to 84’4” ft. depth

SH15-15 Box 10 of 20
84’4” ft. to 93’8” ft. depth

NOTE:
1. Photographs have been cropped from original photograph scan. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
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WESTRIDGE MARINE TERMINAL
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BURNABY, B.C.

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SONIC CORE PHOTOGRAPHS

PROJECT No.
1403337/15000

Rev.
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SH15-15 Page # 5
SH15-15 Box 11 of 20
93’8” ft. to 103’11” ft. depth

SH15-15 Box 12 of 20
103’11” ft. to 113’10” ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

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YYYY-MM-DD 2016-01-22
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REVIEW MM
APPROVED JJ

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WESTRIDGE MARINE TERMINAL
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TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No. 140333715000 Rev. A SH15-15 Page # 6
SH15-15 Box 13 of 20
113'10" ft. to 120'6" ft. depth

SH15-15 Box 14 of 20
120'6" ft. to 127'4" ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-15 Box 15 of 20
127'4" ft. to 134'7" ft. depth

SH15-15 Box 16 of 20
134'7" ft. to 142'8" ft. depth

NOTE: 1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the logs may have been slightly aligned. Please refer to sonic and borehole logs for final information.
SH15-15 Box 17 of 20
142'8" ft. to 151' ft. depth

SH15-15 Box 18 of 20
151' ft. to 158'5" ft. depth

NOTE: 1. Photographs have been cropped from original photographs. No color correction has been applied. For more accurate color reference please see original photographs with color chart.

2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT	KINDER MORGAN (TRANS MOUNTAIN)
CONSULTANT	
PREPARED	RE
DESIGN	RE
REVIEW	MM
APPROVED	JJ

PROJECT	WESTRIDGE MARINE TERMINAL SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION, BURNABY, B.C.
TITLE	SONIC CORE PHOTOGRAPHS
PROJECT No.	1403337/15000
Rev. A	SH15-15 Page # 9
SH15-15 Box 19 of 20
158'5" ft. to 166'5" ft. depth

SH15-15 Box 20 of 20
166'5" ft. to 176'4" ft. depth (EOH)

NOTE: 1. Photographs have been cropped from original photograph scan. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly shifted. Please refer to sonic and borehole logs for final information.

CLIENT: KINDER MORGAN (TRANS MOUNTAIN)
CONSULTANT: YYMM-DD 2016-01-22
PREPARED: RE
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REVIEW: MM
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PROJECT: WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION, BURNABY, B.C.
TITLE: SONIC CORE PHOTOGRAPHS
PROJECT No. 1403337/15000
Rev. A
SH15-16 Box 3 of 24
31'11" ft. to 44'8" ft. depth

SH15-16 Box 4 of 24
44'8" ft. to 55' ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT

PREPARED
YFFY-MM-DD 2016-01-22
RE

DESIGN
RE

REVIEW
MM

APPROVED
JJ

PROJECT
WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION,
BURNABY, B.C.

TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000
Rev. A
SH15-16 Page # 2
SH15-16 Box 7 of 24
74'10" ft. to 82'4" ft. depth

SH15-16 Box 8 of 24
82'4" ft. to 91'3" ft. depth

NOTE:
1. Photographs have been cropped from original photograph size. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.
SH15-16 Box 9 of 24
91’3” ft. to 101’5” ft. depth

SH15-16 Box 10 of 24
101’5” ft. to 110’8” ft. depth

NOTE:
1. Photographs have been cropped from original photograph scans. No color correction has been applied. For more accurate color reference please see original photographs with color chart.
2. Photographs were taken before logs were finalized. As a result, information displayed on the box may have been slightly altered. Please refer to sonic and borehole logs for final information.

CLIENT
KINDER MORGAN (TRANS MOUNTAIN)

CONSULTANT
2016-01-22
PREPARED: RE
DESIGN: RE
REVIEW: MM
APPROVED: JJ

PROJECT
WESTRIDGE MARINE TERMINAL
SUPPLEMENTARY OFFSHORE GEOTECHNICAL INVESTIGATION,
BURNABY, B.C.

TITLE
SONIC CORE PHOTOGRAPHS

PROJECT No. 1403337/15000  Rev. A  SH15-16 Page # 5