

Hole G4

Depth- 1355 feet

Started- 20 June 1953

Completed- 21 July 1953

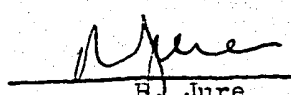
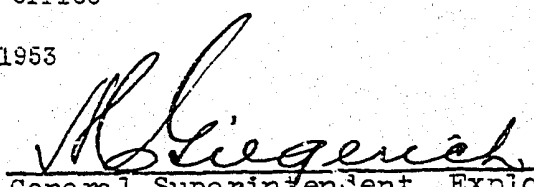
<u>From</u>	<u>To</u>	<u>Formation</u>
0.0 ft.	20.0 ft.	Overburden
20.0	61.7	Limestone
61.7	66.0	<u>Argillaceous dolomite and green shale</u>
66.0	86.4	Limestone
86.4	114.8	Dolomite
114.6	172.6	Limestone Few vugs with soft bitumen and a few oil stains from 155.5 - 158.5 ft.
172.6	186.0	Shale
186.0	193.0	Limestone
193.0	358.0	Shale
358.0	472.5	Limestone
472.5	717.7	Dolomite
717.7	1018.0	<u>Banded dolomite and anhydrite</u>
1018.0	1033.0	Impure anhydrite
1033.0	1067.0	Sedimentary breccia
1067.0	1080.5	Gypsum and anhydrite
1080.5	1110.7	Dolomite, in places gypsiferous
1110.7	1125.7	Gypsum and anhydrite
1125.7	1196.0	Silty mudstone
1196.0	1202.6	Gypsum
1202.6	1204.1	Dolomite
1204.1	1305.8	Silty mudstone
1305.8	1309.7	Quartz siltstone
1309.7	1326.8	Silty mudstone
1326.8	1338.7	Quartz siltstone
1338.7	1341.9	Sandstone
1341.9	1355.0	<u>Precambrian granite</u>

End of hole, 1355.0 feet

No oil or gas indications of any significance

Complete log submitted to Conservation Engineer.

Submitted by


R. JureExploration Office
Yellowknife
August 25, 1953
General Superintendent, Exploration
and Outside Mines.

C. M. & S. Co. of Canada Ltd.

RECEIVED

AUG 31 1953

ANS'D

MINES DEPT.

COMINCO SULPHUR
PT. TEST - G-4

100

14-00000

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DAILY REPORT OF DRILLING

CORE HOLES

AT Gulphar July 25 1953
 SHIFT Day DRILL 1352 HOLE NO. G 4
 SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet
 Depth of Hole, End of Shift - - - - - Feet
 Distance Drilled - - - - - Feet
 Core Saved - - - - - Feet
 Angle _____
 Distance Reamed - - - - - Feet
 _____ Inch Stand Pipe put in - - - - - Feet
 _____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		<u>Moving</u>
WATER		<u>equipment</u>
BETTING UP		<u>at hole unloading</u>
MOVING	<u>1 1/2</u>	<u>hoist</u>
MUCKING		<u>working to</u>
REPAIRS		<u>mine plant</u>
MISC.		

RUNNER At Mc Callum H. Pish
 HELPER ingford Mitchell
 FOREMAN Ch Lindstrom

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 24 1953
 SHIFT Day DRILL BP 52 HOLE NO. 6-4
 SIZE OF HOLE 6 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS HOURS		REMARKS
AIR		<u>Packing rods</u> <u>Casing & pipe</u> <u>line to beach</u>
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. Ballen Pittman
 13 Lindstrom 12 Mitchell
 HELPER
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 23, 1953

SHIFT Day DRILL DBS2 HOLE NO. 6-4

SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift ----- Feet

Depth of Hole, End of Shift ----- Feet

Distance Drilled ----- Feet

Core Saved ----- Feet

Angle ----- Feet

Distance Returned ----- Feet

____ Inch Stand Pipe put in ----- Feet

____ Inch Casing put in ----- Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		Tearing down setup. Dressing equipment, rods etc.
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

14 RUNNER McCallum Pilkington
HELPER Lincoln Mitchell
FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 22 1953

SHIFT Day DRILL BB52 HOLE NO. B-4

SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1355 Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - Feet

_____ Inch Casing put in - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
AIR	HOURS	
WATER		<u>Break rods, pulled casing, cemented hole, put pump & equipment up on slide</u>
SETTING UP	<u>12</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER Wm. Leathum, Pilkington

HELPER Lindstrom, Mitchell

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Suffern Point July 21 1953

SHIFT Nite DRILL 0352 HOLE NO. 44

SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift 1345 Feet

Depth of Hole, End of Shift 1355 Feet

Distance Drilled 10 Feet

Core Saved 10 Feet

Angle 92

Distance Roamed _____ Feet

_____ Inch Stand Pipe put in Feet

_____ Inch Casing put in Feet

From	To	Feet	Material
<u>1345</u>	<u>1355</u>	<u>10</u>	<u>GR</u>

SIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2955</u>	<u>10</u>	

DELAYS		REMARKS
AIR	HOURS	
WATER		<u>test hole cut</u> <u>1300 ft</u>
BETTING UP		
MOVING	<u>12 hr</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER W. Palkington

HELPER W. Mitchell

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 21 1953
 SHIFT Day DRILL DBS2 HOLE NO. R-4
 SIZE OF HOLE AX LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1330 Feet
 Depth of Hole, End of Shift - - - - 1345 Feet
 Distance Drilled - - - - 15 Feet
 Core Saved 15 Feet
 Angle 90°
 Distance Reamed - - - - _____ Feet
 _____ Inch Stand Pipe put in - - - - _____ Feet
 _____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1330</u>	<u>1345</u>	<u>15</u>	<u>C.R.</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>5</u>	
<u>2955</u>	<u>10</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>12</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Thompson
 HELPER R. Lindstrom
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Deuffer Point July 20 1953

SHIFT night DRILL NDS 2 HOLE NO. 94

SIZE OF HOLE AY LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1310 Feet

Depth of Hole, End of Shift - - - - 1330 Feet

Distance Drilled - - - - 20 Feet

Core Saved - - - - 20 Feet

Angle - - - - -70°

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1310</u>	<u>1330</u>	<u>20</u>	<u>GR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2005</u>		
<u>1864</u>	<u>20</u>	

DELAYS	HOURS	REMARKS
AIR		
WATER		
BETTING UP		
MOVING	<u>10 hrs</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER J. H. Hamilton

HELPER W. Mitchell

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 20, 1953

SHIFT Day DRILL DBD-2 HOLE NO. 04

SIZE OF HOLE AX LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 1310 Feet
 Depth of Hole, End of Shift - - - - - _____ Feet
 Distance Drilled - - - - - _____ Feet
 Core Saved _____ Feet
 Angle _____
 Distance Reamed - - - - - _____ Feet
 _____ Inch Stand Pipe put in - - - - - _____ Feet
 _____ Inch Casing put in - - - - - _____ Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR	<u>12</u>	<u>Overhauling pressure pumps</u>
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER H. S. Galt
 HELPER A. Lindstrom
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Super Point July 19 1953
 SHIFT Nite DRILL BBS HOLE NO. 94
 SIZE OF HOLE AX LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1290 Feet

Depth of Hole, End of Shift - - - - 1310 Feet

Distance Drilled - - - - 20 Feet

Core Saved - - - - 20 Feet

Angle - - - - -90

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1290</u>	<u>1310</u>	<u>20</u>	<u>BR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>20</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING	<u>10 hrs</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER A. P. Whittington

HELPER W. Mitchell

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 17 1953

SHIFT Day DRILL BB52 HOLE No. G-4

SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1269 Feet

Depth of Hole, End of Shift - - - - 1290 Feet

Distance Drilled - - - - 21 Feet

Core Saved - - - - 20 Feet

Angle 90°

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1269</u>	<u>1290</u>	<u>21</u>	<u>C.R.</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>21</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>12.</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER Wm. Callum

HELPER A. Lindstrom

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Superior Point July 18 19 53

SHIFT late DRILL BOSS HOLE NO. 94

SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1259 Feet

Depth of Hole, End of Shift - - - - 1269 Feet

Distance Drilled - - - - 10 Feet

Core Saved - - - - 10 Feet

Angle - - - - 90

Distance heaved - - - - _____ Feet

_____ Inch Stand Pipe set in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1259</u>	<u>1269</u>	<u>10</u>	<u>DR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>10</u>	

DELAYS		REMARKS
HOURS		
AIR		<u>Put in two Blotch</u> <u>Hydraulic pumps.</u>
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER H. Pilkington

HELPER N. Mitchell

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sussex Point July 18 1953

SHIFT Day DRILL BOS HOLE NO. C-4

SIZE OF HOLE 4X LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1269 Feet

Depth of Hole, End of Shift - - - - _____ Feet

Distance Drilled - - - - _____ Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		<u>Putting in points</u> <u>Checking ignition</u> <u>systems. Changing</u> <u>clutch plate.</u>
WATER		
SETTING UP	<u>12</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER H. M. Shattuck

HELPER A. Lindstrom

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sugar Point July 17 19 53

SHIFT Nite DRILL 103.2 HOLE No. 94

SIZE OF HOLE 4 X LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
AIR	HOURS	
		<u>Reassemble</u>
WATER		
SETTING UP		<u>Water etc</u>
MOVING	<u>1.5 hrs</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER W. P. Huntington

HELPER W. Mitchell

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphur Point July 17 1953
 SHIFT Day DRILL BB 52 HOLE NO. 6-4
 SIZE OF HOLE 1 X LOCATION _____

Depth of Hole, Beginning of Shift 1249 Feet

Depth of Hole, End of Shift 1259 Feet

Distance Drilled 10 Feet

Core Saved _____ Feet

Angle _____ 90°

Distance Reamed _____ Feet

_____ Inch Stand Pipe put in _____ Feet

_____ Inch Casing put in _____ Feet

From	To	Feet	Material
<u>1249</u>	<u>1259</u>	<u>10</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>10</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER	<u>12</u>	<u>Putting in</u>
SETTING UP		<u>new clutch</u>
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER H. H. Galt
 HELPER A. Lindstrom
 FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

At Sulphur Point July 16 1953
 SHIFT late DRILL BBS 2 HOLE NO. 94
 SIZE OF HOLE 11 LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1228 Feet

Depth of Hole, End of Shift - - - - 1249 Feet

Distance Drilled - - - - 21 Feet

Core Saved _____ 18 Feet

Angle _____ 90

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1228</u>	<u>1249</u>	<u>21</u>	<u>GR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>21</u>	

DELAYS		REMARKS
HOURS		
AIR		<u>Bit trouble</u>
WATER		
SETTLING UP		
MOVING	<u>18 hrs</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER A. P. Hamilton

HELPER W. Mitchell

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Geary Sulphur Point July 16 53
 SHIFT Day DRILL BBS2 HOLE NO. Q-4
 SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift 1200 Feet

Depth of Hole, End of Shift 1228 Feet

Distance Drilled 28 Feet

Core Saved _____ Feet

Angle _____ 90°

Distance Returned _____ Feet

_____ Inch Stand Pipe put in _____ Feet

_____ Inch Casing put in _____ Feet

From	To	Feet	Material
<u>1200</u>	<u>1228</u>	<u>28</u>	<u>C.R.</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>28</u>	

DELAYS		REMARKS
	HOURS	
AIR	<u>0</u>	
WATER		
SETTING UP	<u>12</u>	
MOVING	<u>0</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER H. M. G. Turner

HELPER A. Lindstrom

FOREMAN _____

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DAILY REPORT OF DRILLING

CORE HOLES

AT Subs Point July 15 195

SHIFT late DRILLER'S HOLE NO. 44

SIZE OF HOLE 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - 1175 Feet

Depth of Hole, End of Shift - - - - 1200 Feet

Distance Drilled - - - - 25 Feet

Core Saved 25 Feet

Angle 90°

Distance Reamed - - - - Feet

Inch Stand Pipe put in - - - - Feet

Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>1175</u>	<u>1200</u>	<u>25</u>	<u>1/2</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1864</u>	<u>25</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
GETTING UP		
MOVING	<u>10 ms</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER W. R. Thompson

HELPER H. J. Thompson

FOREMAN

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DAILY REPORT OF DRILLING

CORE HOLES

AT 1152 1910

SHIFT 2nd DRILL 1152 HOLE NO. 1152

SIZE OF HOLE 2 1/2 LOCATION 1152

Depth of Hole, Beginning of Shift - - - - 1152 Feet

Depth of Hole, End of Shift - - - - 1152 Feet

Distance Drilled - - - - 2 1/2 Feet

Core Saved - - - - 90 Feet

Angle - - - - 90

Distance Roamed - - - - Feet

 Inch Stand Pipe put in - - - - Feet

 Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>1152</u>	<u>1152</u>	<u>2 1/2</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1152</u>	<u>2 1/2</u>	

DELAYS		REMARKS
AIR	HOURS	
WATER		
SETTING UP	<u>1 1/2</u>	
MOVING		
NUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT 1124 1152 105

SHIFT 1 DRILL 1 HOLE No. 1

SIZE OF HOLE 1 LOCATION 1

Depth of Hole, Beginning of Shift 1124 Feet

Depth of Hole, End of Shift 1152 Feet

Distance Drilled 1 Feet

Core Saved 1 Feet

Angle 1

Distance Reamed 1 Feet

1 Inch Stand Pipe put in 1 Feet

1 Inch Casing put in 1 Feet

From	To	Feet	Material
<u>1124</u>	<u>1152</u>	<u>28</u>	<u>1</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1124</u>	<u>28</u>	<u>1</u>

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING	<u>10</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER 1

HELPER 1

FOREMAN 1

DAILY REPORT OF DRILLING

Figure 1

SIZE OF HOLE _____ LOCATION _____

_____ Inch Casing put in - - - - -

BIT NO.	FEET DRILLED	DIAMOND LOSS
1007	20	

FOREMAN

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DAILY REPORT OF DRILLING

CORE HOLES

AT South Point July 13 1955

SHIFT Day DRILL 205 HOLE No. Q-4

SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 1080 Feet

Depth of Hole, End of Shift - - - - - 1098 Feet

Distance Drilled - - - - - 18 Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - - _____ Feet

_____ Inch Casing put in - - - - - _____ Feet

From	To	Feet	Material
<u>1080</u>	<u>1098</u>	<u>18</u>	<u>CR</u>

SIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1861</u>	<u>10</u>	
<u>1864</u>	<u>8</u>	

DELAYS		REMARKS
AIR	HOURS	
		<u>Drilling</u>
WATER		
SETTING UP	<u>10</u>	<u>Tool change</u>
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER [Signature]

HELPER [Signature]

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT 15th July 1914 TO 16th July 1914

SHIFT 1st DRILL 1st HOLE No. 74

SIZE OF HOLE 1 1/2 LOCATION 1st

Depth of Hole, Beginning of Shift 10 45 Feet

Depth of Hole, End of Shift 10 58 Feet

Distance Drilled 10 Feet

Core Saved 10 Feet

Angle 75

Distance Reamed Feet

1 Inch Stand Pipe put in Feet

1 Inch Casing put in Feet

From	To	Feet	Material
<u>10 50</u>	<u>10 50</u>	<u>30</u>	<u>1st</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1261</u>	<u>30</u>	

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING	<u>1 1/2</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER 1st

HELPER 1st

FOREMAN 1st

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DAILY REPORT OF DRILLING

CORE HOLES

AT Substation 1 July 12 1957

SHIFT Day DRILL B&S HOLE NO. 64

SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - 1040 Feet

Depth of Hole, End of Shift - - - - 1060 Feet

Distance Drilled - - - - 20 Feet

Core Saved - - - - 19 Feet

Angle - - - - 75°

Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet

_____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>1040</u>	<u>1060</u>	<u>20</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1861</u>	<u>20</u>	

DELAYS		REMARKS
AIR	HOURS	
WATER		<u>Muddy grout</u>
SETTING UP	<u>1 1/2</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. H. H.

HELP W. H. H. H.

FC W. H. H. H.

**DAILY REPORT OF DRILLING
CORE HOLES**

SIZE OF HOLE 2 LOCATION

From	To	Foot	Material
------	----	------	----------

BIT NO.	FEET DRILLED	DIAMOND LOSS
1216	20	

RUNNER _____
HELPER _____
FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT Point of View 1952

SHIFT 1st DRILL 1000 HOLE No. 1-1

SIZE OF HOLE 1 1/2" LOCATION Point of View

Depth of Hole, Beginning of Shift - - - - 1000 Feet

Depth of Hole, End of Shift - - - - 1020 Feet

Distance Drilled - - - - 20 Feet

Core Saved - - - - 20 Feet

Angle 45°

Distance Reamed - - - - 0 Feet

Inch Stand Pipe put in - - - - 0 Feet

Inch Casing put in - - - - 0 Feet

From	To	Feet	Material
<u>1000</u>	<u>1020</u>	<u>20</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1001</u>	<u>20</u>	

DELAYS		REMARKS
AIR	HOURS	
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT 1000 ft. below surface 1920

SHIFT 1st DRILL 1000 HOLE NO. 7

SIZE OF HOLE 10 LOCATION 1000

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

10 Inch Stand Pipe put in - - - - - Feet

10 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>1000</u>	<u>1000</u>	<u>20</u>	<u>1000</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1001</u>	<u>20</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
CRUCKING		
REPAIRS		
MISC.		

RUNNER 1000

HELPER 1000

FOREMAN 1000

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT South Bay, Victoria 1955

SHIFT Day DRILL 255 HOLE No. 12

SIZE OF HOLE 1 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - - 950 Feet

Depth of Hole, End of Shift - - - - - 980 Feet

Distance Drilled - - - - - 30 Feet

Core Saved 30 Feet

Angle 90°

Distance Reamed - - - - - Feet

 Inch Stand Pipe put in - - - - - Feet

 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>950</u>	<u>980</u>	<u>30</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>121</u>	<u>30</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>12</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE No. 74

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 938 Feet

Depth of Hole, End of Shift - - - - - 50 Feet

Distance Drilled - - - - - 10 Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>1</u>	<u>2</u>	<u>1</u>	<u>1</u>
<u>3</u>	<u>4</u>	<u>1</u>	<u>1</u>
<u>5</u>	<u>6</u>	<u>1</u>	<u>1</u>
<u>7</u>	<u>8</u>	<u>1</u>	<u>1</u>

SIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1</u>	<u>1</u>	<u>1</u>
<u>2</u>	<u>1</u>	<u>1</u>
<u>3</u>	<u>1</u>	<u>1</u>
<u>4</u>	<u>1</u>	<u>1</u>

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT 1000 ft. 7 1919

SHIFT 1 DRILL 1 HOLE No. 1-4

SIZE OF HOLE 12 LOCATION 1

Depth of Hole, Beginning of Shift - - - - 903 Feet

Depth of Hole, End of Shift - - - - 930 Feet

Distance Drilled - - - - 27 Feet

Core Saved 27 Feet

Angle 1

Distance Reamed - - - - Feet

Inch Stand Pipe put in - - - - Feet

Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>903</u>	<u>930</u>	<u>27</u>	<u>1</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>186</u>	<u>27</u>	

DELAYS	HOURS	REMARKS
AIR		<u>1</u>
WATER		
SETTING UP	<u>1</u>	<u>1</u>
MOVING		
HUCKING		
REPAIRS		
MISC.		

RUNNER 1

HELPER 1

FOREMAN 1

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT Superior Pit July 8 1952
 SHIFT late DRILL late HOLE NO. 44
 SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - 878 Feet
 Depth of Hole, End of Shift - 902 Feet
 Distance Drilled - 25 Feet
 Core Saved 24 Feet
 Angle -90°
 Distance Reamed _____ Feet
 _____ Inch Stand Pipe put in _____ Feet
 _____ Inch Casing put in _____ Feet

From	To	Feet	Material
878	902	25	GP

BIT NO.	FEET DRILLED	DIAMOND LOSS
927	10	
930	15	

DELAYS		REMARKS
HOURS		
AIR		
WATER		
SETTING UP	12.1	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. J. Hamilton
 HELPER W. J. Mitchell
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Subsidiary July 8 19 55
 SHIFT Day DRILL DBS HOLE NO. C-4
 SIZE OF HOLE A-1 LOCATION _____

Depth of Hole, Beginning of Shift ----- 450 Feet
 Depth of Hole, End of Shift ----- 470 Feet
 Distance Drilled ----- 20 Feet
 Core Saved ----- Feet
 Angle ----- 90°
 Distance Reamed ----- Feet
 _____ Inch Stand Pipe put in ----- Feet
 _____ Inch Casing put in ----- Feet

From	To	Feet	Material
<u>450</u>	<u>470</u>	<u>20</u>	<u>CP</u>

SIT NO.	FEET DRILLED	DIAMOND LOSS
<u>927</u>	<u>20</u>	
	<u>0</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Latent & cracked</u>
WATER		
SETTING UP	<u>12</u>	<u>Latent & cracked</u>
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. L. L. L. L.
 HELPER W. H. L. L. L. L.
 FOREMAN _____

COPY

CORE HOLES

AT _____ 19 _____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE 1/2" x 1/2" LOCATION 1/2"

Depth of Hole, Beginning of Shift - - - - - 20 Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Corn Saved **Free**

Angle

Distance	Required	Feet
1	100	100
2	200	200
3	300	300
4	400	400
5	500	500
6	600	600
7	700	700
8	800	800
9	900	900
10	1000	1000
11	1100	1100
12	1200	1200
13	1300	1300
14	1400	1400
15	1500	1500
16	1600	1600
17	1700	1700
18	1800	1800
19	1900	1900
20	2000	2000
21	2100	2100
22	2200	2200
23	2300	2300
24	2400	2400
25	2500	2500
26	2600	2600
27	2700	2700
28	2800	2800
29	2900	2900
30	3000	3000
31	3100	3100
32	3200	3200
33	3300	3300
34	3400	3400
35	3500	3500
36	3600	3600
37	3700	3700
38	3800	3800
39	3900	3900
40	4000	4000
41	4100	4100
42	4200	4200
43	4300	4300
44	4400	4400
45	4500	4500
46	4600	4600
47	4700	4700
48	4800	4800
49	4900	4900
50	5000	5000
51	5100	5100
52	5200	5200
53	5300	5300
54	5400	5400
55	5500	5500
56	5600	5600
57	5700	5700
58	5800	5800
59	5900	5900
60	6000	6000
61	6100	6100
62	6200	6200
63	6300	6300
64	6400	6400
65	6500	6500
66	6600	6600
67	6700	6700
68	6800	6800
69	6900	6900
70	7000	7000
71	7100	7100
72	7200	7200
73	7300	7300
74	7400	7400
75	7500	7500
76	7600	7600
77	7700	7700
78	7800	7800
79	7900	7900
80	8000	8000
81	8100	8100
82	8200	8200
83	8300	8300
84	8400	8400
85	8500	8500
86	8600	8600
87	8700	8700
88	8800	8800
89	8900	8900
90	9000	9000
91	9100	9100
92	9200	9200
93	9300	9300
94	9400	9400
95	9500	9500
96	9600	9600
97	9700	9700
98	9800	9800
99	9900	9900
100	10000	10000

Inch St and Pipe put in - - - - - Feet

Inch Casing put in

From	To	Feet	Material
1-2-3	2-2-2	1-2	1-2

BIT NO.	FEET DRILLED	DIAMOND LOSS
1261	28	
270	22	

DELAYS		HOURS	REMARKS
AIR			
WATER			
BETTING UP			
MOVING			
MUCKING			
REPAIRS			
MISC.			

RUNNER

HELPER _____

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Subsidiary (Nubly) 19 53
 SHIFT Day DRILL PR53 HOLE No. 6-4
 SIZE OF HOLE AX LOCATION _____

Depth of Hole, Beginning of Shift - - - - 790 Feet
 Depth of Hole, End of Shift - - - - 820 Feet
 Distance Drilled - - - - 30 Feet
 Core Saved _____ 30 Feet
 Angle _____ 90°
 Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet
 _____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>790</u>	<u>820</u>	<u>30</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1561</u>	<u>20</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>12</u>	
MOVING		
NUCKING		
REPAIRS		
MISC.		

RUNNER H. H. H. H.
 HELPER H. H. H. H.
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT South of Lake June 6 1933

SHIFT Day DRILL 25 HOLE No. 10

SIZE OF HOLE 4 LOCATION

Depth of Hole, Beginning of Shift 732 Feet

Depth of Hole, End of Shift 760 Feet

Distance Drilled 28 Feet

Core Saved 28 Feet

Angle 75°

Distance Returned Feet

Inch Stand Pipe put in Feet

Inch Casing put in Feet

From	To	Feet	Material
732	760	28	Rm

BIT NO.	FEET DRILLED	DIAMOND LOSS
2501	28	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	12	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER H. L. L. L.

HELPER A. L. L. L.

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE NO. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material
7.10	7.20	10	CH

BIT NO.	FEET DRILLED	DIAMOND LOSS
101	10	6.1

DELAYS		REMARKS
HOURS		
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Southport, Ont. July 5 1932

SHIFT Day DRILL 3357 HOLE No. B-4

SIZE OF HOLE 2 1/2" LOCATION _____

Depth of Hole, Beginning of Shift - - - - 706 Feet

Depth of Hole, End of Shift - - - - 716 Feet

Distance Drilled - - - - 10 Feet

Core Saved - - - - 10 Feet

Angle 90°

Distance Reamed - - - - _____ Feet

Inch Stand Pipe put in - - - - _____ Feet

Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>706</u>	<u>716</u>	<u>10</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1861</u>	<u>10</u>	

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP	<u>12</u>	<u>Blowing</u>
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. C. C. C.

HELPER A. L. C. C.

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift _____ Feet

Depth of Hole, End of Shift _____ Feet

Distance Drilled _____ Feet

Core Saved _____ Feet

Angle _____

Distance Reamed _____ Feet

_____ Inch Stand Pipe put in _____ Feet

_____ Inch Casino put in _____ Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT St. Lawrence 1951

SHIFT Day DRILL B-5 HOLE No. 64

SIZE OF HOLE 3 1/2 LOCATION

Depth of Hole, Beginning of Shift 648 Feet

Depth of Hole, End of Shift 674 Feet

Distance Drilled 26 Feet

Cores Saved 24 Feet

Angle 90°

Distance Reamed Feet

Inch Stand Pipe put in Feet

Inch Casing put in Feet

From	To	Feet	Material
<u>648</u>	<u>674</u>	<u>26</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2950</u>	<u>11</u>	<u></u>
<u>1861</u>	<u>15</u>	<u></u>

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP	<u>12</u>	<u>Bit was removed</u>
MOVING		
HUCKING		
REPAIRS		
MISC		

RUNNER H. B. Latham

HELPER A. L. Latham

FOREMAN

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT 19

SHIFT 1 DRILL 1 HOLE No 4

SIZE OF HOLE 1/4" LOCATION 1/2"

Depth of Hole, Beginning of Shift - - - - - 24 Feet

Depth of Hole, End of Shift - - - - -

Distance Drilled - - - - - Feet

Core Saved

Angle _____

Distance Reamed ----- Feet

 inch Stand Pipe put in - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material
100	100	100	100

BIT NO.	FEET DRILLED	DIAMOND LOSS
250	20	

DELAYS		HOURS	REMARKS
AIR			
WATER			
SETTING UP			
MOVING			
MUCKING			
REPAIRS			
MISC.			

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Sub. West No. 1 1919
 SHIFT 1st DRILL CR HOLE No. 1
 SIZE OF HOLE 4X LOCATION _____

Depth of Hole, Beginning of Shift ----- 607 Feet
 Depth of Hole, End of Shift ----- 628 Feet
 Distance Drilled ----- 21 Feet
 Core Saved ----- Feet
 Angle ----- 90°
 Distance Reamed ----- Feet
 _____ inch Stand Pipe put in ----- Feet
 _____ inch Casing put in ----- Feet

From	To	Feet	Remarks
<u>607</u>	<u>628</u>	<u>21</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2940</u>	<u>9</u>	
<u>2950</u>	<u>12</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Good yield</u>
WATER		
SETTING UP	<u>1.5</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. E. ...
 HELPER A. ...
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
NETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT 1000 ft 1922

SHIFT 1 DRILL 1 HOLE No. 67

SIZE OF HOLE 5 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - - 571 Feet

Depth of Hole, End of Shift - - - - - 593 Feet

Distance Drilled - - - - - 22 Feet

Core Saved Feet

Angle 90

Distance Reamed - - - - - Feet

 Inch Stand Pipe put in - - - - - Feet

 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>571</u>	<u>575</u>	<u>4</u>	<u>LN</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2900</u>	<u>22</u>	

DELAYS	HOURS	REMARKS
AIR		
WATER		<u>11:00 - 11:15</u>
SETTING UP	<u>10</u>	
MOVING		
MUCKING		
REPAIRS		
MISC		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Quinta Street 19

SHIFT Quinta DRILL 105 HOLE No. 6

SIZE OF HOLE 14 LOCATION 1

Depth of Hole, Beginning of Shift - - - - - 557 Feet

Depth of Hole, End of Shift - - - - - 571 Feet

Distance Drilled - - - - - 14 Feet

Core Saved - - - - - 12 Feet

Angle - - - - - 90

Distance Reamed - - - - - 14 Feet

1 Inch Stand Pipe per in - - - - - Feet

1 Inch Cooling in - - - - - Feet

From	To	Feet	Material
<u>557</u>	<u>571</u>	<u>14</u>	<u>6 ft</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>275</u>	<u>14</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Delaying factor</u>
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. H. H.

HELPER W. H. H. H.

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT 19

SHIFT 1 DRILL 852 HOLE NO. 852

SIZE OF HOLE 4 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 539 Feet

Depth of Hole, End of Shift - - - - - 557 Feet

Distance Drilled - - - - - 18 Feet

Core Saved _____ Feet

Angle 90

Distance Reamed - - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - - _____ Feet

_____ Inch Casing put in - - - - - _____ Feet

From	To	Feet	Material
<u>539</u>	<u>557</u>	<u>18</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2951</u>	<u>18</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>2</u>	
MOVING		
MUCKING		
REPAIRS		
MISC		

RUNNER W. H. Hutton

HELPER R. H. Hutton

FOREMAN _____

COPY

CORE HOLES

AT 19

SHIFT 1 DRILL 1 HOLE No. 1

SIZE OF HOLE 1/2" x 1/2" LOCATION 1/2" from top edge

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - 2000 Feet

Corn Saved **Feet**

Angio

Distance Reached - - - - - Feet

.....Inch Stand Pipe put in - - - - - Feet

Inch Casing put in - - - - - Feet

From	To	Feet	Material
5-3	5-3	1	5-3

BIT NO.	FEET DRILLED	DIAMOND LOSS
244	1	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT North Street 155 155

SHIFT 1st DRILL 155 HOLE NO. 155

SIZE OF HOLE 2 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - 500 Feet

Depth of Hole, End of Shift - - - - 530 Feet

Distance Drilled - - - - 30 Feet

Core Saved - - - - 10 Feet

Angle - - - - 90

Distance Reamed - - - - Feet

 Inch Stand Pipe put in - - - - Feet

 Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>500</u>	<u>530</u>	<u>30</u>	<u>CA</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2751</u>	<u>30</u>	

DELAYS		REMARKS
AIR		
WATER		
SETTING UP	<u>12</u>	<u>21.1</u>
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Smith

HELPER W. H. Smith

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT Blue Point June 10 1932

SHIFT Day DRILL 1152 HOLE NO. 94

SIZE OF HOLE 1 1/2 LOCATION _____

Depth of Hole, Beginning of Shift ----- 475 Feet

Depth of Hole, End of Shift ----- 510 Feet

Distance Drilled ----- 35 Feet

Core Saved ----- 10 Feet

Angle ----- 70

Distance Reamed ----- Feet

_____4____ Inch Stand Pipe put in ----- Feet

_____4____ Inch Casing put in ----- Feet

From	To	Feet	Material
<u>475</u>	<u>500</u>	<u>25</u>	<u>W</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2741</u>	<u>25</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Very D. Drilling</u>
WATER		
BETTING UP		
MOVING	<u>10:00</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Martin

HELPER W. H. Martin

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Sulphurport June 29 1952
 SHIFT Night DRILL B.B.S. HOLE NO. G-4
 SIZE OF HOLE AX LOCATION _____

Depth of Hole, Beginning of Shift - - - - 461 Feet
 Depth of Hole, End of Shift - - - - 475 Feet
 Distance Drilled - - - - 14 Feet
 Core Saved - - - - 13 Feet
 Angle - - - - 90
 Distance Reamed - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - _____ Feet
 _____ Inch Casing put in - - - - _____ Feet

From	To	Feet	Material
<u>461</u>	<u>475</u>	<u>14</u>	<u>C.R.</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2951</u>	<u>14</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Trying out</u> <u>reverse circulation</u>
WATER		
SETTING UP	<u>12.</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER R.H. Callahan
 HELPER A. Lindstrom
 FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT 1000 ft. 1000 ft. 1000 ft. 1922

SHIFT 1st DRILL 1st HOLE No. 14

SIZE OF HOLE 4 1/2 LOCATION 1000 ft. 1000 ft. 1000 ft.

Depth of Hole, Beginning of Shift - - - - - 1145 Feet

Depth of Hole, End of Shift - - - - - 1161 Feet

Distance Drilled - - - - - 15 Feet

Core Saved - - - - - 14 Feet

Angle - - - - - 70

Distance Reamed - - - - - 15 Feet

1 Inch Stand Pipe put in - - - - - Feet

1 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>1145</u>	<u>1161</u>	<u>15</u>	<u>6 1/4</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>1/14</u>	<u>15</u>	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING	<u>10 min</u>	<u>for 1st hole</u>
MUCKING		
REPAIRS		
MISC.		

RUNNER 1000 ft. 1000 ft. 1000 ft.

HELPER 1000 ft. 1000 ft. 1000 ft.

FOREMAN 1000 ft. 1000 ft. 1000 ft.

COPY

CORE HOLES

AT _____ 19 _____

SHIFT 1st DRILL 285 HOLE No. 1

SIZE OF HOLE 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - - 25.5 Feet

Depth of Hole, End of Shift - - - - - 47 1/2 Feet

Distance Drilled - - - - - Foot

Core Saved _____ Feet

Angle 91

Distance Reamed ----- Feet

Inch	Stand Pipe put in - - -	Feet
------	-------------------------	------

.....inch Casing put in - - - - -

From	To	Feet	Material
H 38	100 ft	2	CR

BIT NO.	FEET DRILLED	DIAMOND LOSS
2951	8	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER

FOREMAN _____

COPY

CORE HOLES

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE 1/2" LOCATION 1/2"

Depth of Hole, Beginning of Shift - - - - - 300

Depth of Hole, End of Shift - - - - - Foot

Distance Drilled - - - - - 250 Feet

Core Saved _____ Feet

Anglo

Distance Reamed Feet

.....Inch Stand Pipe put in - - - - -Foot

Inch casing put in _____ feet

From	To	Feet	Material
1st 1st	2nd 1st	1st 1st	1st 1st

BIT NO.	FEET DRILLED	DIAMOND LOSS
54	1	

DELAYS		HOURS	REMARKS
AIR			
WATER			
SETTING UP			
MOVING			
MUCKING			
REPAIRS			
MISC			

RUNNER

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Superior Point June 27 1913

SHIFT Light DRILL BB32 HOLE No.

SIZE OF HOLE 4X LOCATION

Depth of Hole, Beginning of Shift - - - - 401 Feet

Depth of Hole, End of Shift - - - - 414 Feet

Distance Drilled - - - - 13 Feet

Core Saved 11 Feet

Angle -90

Distance Reamed - - - - Feet

 Inch Stand Pipe put in - - - - Feet

 Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>401</u>	<u>414</u>	<u>13</u>	<u>C.R.</u>

SIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2940</u>	<u>13</u>	

DELAYS		REMARKS
HOURS		
AIR		<u>Very slow</u>
WATER		
SETTING UP	<u>11</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Smith

HELPER A. Smith

FOREMAN

COPY

CORE HOLES

AT 19

SHIFT 1st DRILL 1 HOLE No

SIZE OF HOLE 1/2" LOCATION 1/2"

Depth of Hole, Beginning of Shift - - - - -

Depth of Hole. End of Shift - - - - - 45

Distance Drilled - - - - - Feet

Corn Saved _____ **Feed** _____

Angle _____

Distance Required - - - - -

_____ Inch Stand Pipe put in _____ Feet

Arch Cores put in place

From	To	Feet	Material
162	100	27	2.5

BIT NO.	FEET DRILLED	DIAMOND LOSS
2040		
1		

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT South Hill, June 26, 1953

SHIFT 1st DRILL 9852 HOLE No. _____

SIZE OF HOLE 4 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 322 Feet

Depth of Hole, End of Shift - - - - - 362 Feet

Distance Drilled - - - - - 40 Feet

Core Saved - - - - - 26 Feet

Angle - - - - - 90°

Distance Reamed - - - - - _____ Feet

_____ Inch Stand Pipe put in - - - - - _____ Feet

_____ Inch Casing put in - - - - - _____ Feet

From	To	Feet	Material
<u>322</u>	<u>362</u>	<u>40</u>	<u>Shale</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>R 930</u>	<u>40</u>	

DELAYS		REMARKS
HOURS		
AIR		
WATER		
SETTING UP	<u>12</u>	<u>drill bit</u>
MOVING		
MUCKING		<u>500</u>
REPAIRS		
MISC.		

RUNNER H. B. Starnes

HELPER H. B. Starnes

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material
304	322	18 ft	Gravel

BIT NO.	FEET DRILLED	DIAMOND LOSS
304	18 ft	

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT South of Road near 2.5 1927

SHIFT 1st DRILL 8452 HOLE No.

SIZE OF HOLE 4 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - 238 Feet

Depth of Hole, End of Shift - - - - 278 Feet

Distance Drilled - - - - 40 Feet

Core Saved 37 Feet

Angle 75°

Distance Recmed - - - - Feet

 Inch Stand Pipe put in - - - - Feet

 Inch Casing put in - - - - Feet

From	To	Feet	Material
238	278	40	Shale

BIT NO.	FEET DRILLED	DIAMOND LOSS
K 930	40	

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
BETTING UP	1.2	
MOVING		
MUCKING		
REPAIRS		
MISC		

RUNNER W. L. Callahan

HELPER A. L. Callahan

FOREMAN

COPY

CORE HOLES

AT _____ 19____

SHIFT DRILL HOLE No.

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - 100 Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved **Full**

Angle _____

Distance Reamed _____ Fee _____

.....Inch Stand Pipe put in - - - - - Feb

Inch Casing per in - - - - - Fee

From	To	Feet	Material
2003	2004	10	10

BIT NO.	FEET DRILLED	DIAMOND LOSS
1-20	20	

DELAYS		HOURS	REMARKS
AIR			
WATER			
BETTING UP			
MOVING			
MUCKING			
REPAIRS			
MISC.			

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT 1000 ft 1952

SHIFT 1st DRILL 1000 HOLE NO. 1000

SIZE OF HOLE 12 LOCATION 1000

Depth of Hole, Beginning of Shift - - - - 177 Feet

Depth of Hole, End of Shift - - - - 208 Feet

Distance Drilled - - - - 31 Feet

Core Saved 31 Feet

Angle 90°

Distance Reamed - - - - 0 Feet

0 Inch Stand Pipe put in - - - - Feet

0 Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>177</u>	<u>208</u>	<u>31</u>	<u>Shale</u>
<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>2940</u>	<u>6</u>	
<u>8930</u>	<u>25</u>	

DELAYS		REMARKS
	HOURS	
AIR		<u>Part of air line broken</u>
WATER		<u>0</u>
SETTING UP	<u>0.5</u>	<u>Part of air line broken</u>
MOVING		<u>0</u>
MUCKING		<u>0.5</u>
REPAIRS		<u>0</u>
MISC.		<u>0</u>

RUNNER W. H. H. H.

HELPER W. H. H. H.

FOREMAN W. H. H. H.

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19__

SHIFT Day DRILL 1000 HOLE No. _____

SIZE OF HOLE 2 1/2 LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core SAVED - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

Inch Stand Pipe put in - - - - - Feet

2 1/2 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>150</u>	<u>170</u>	<u>20</u>	<u>Gravel</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>9017</u>	<u>15</u>	
<u>2240</u>	<u>1</u>	

DELAYS		REMARKS
AIR	HOURS	
		<u>Superior</u>
WATER		
SETTING UP		
MOVING	<u>10 min</u>	
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Hutton

HELPER W. H. Hutton

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT Goldfield, Nevada June 23, 1913

SHIFT Day DRILL 355 HOLE No.

SIZE OF HOLE 8 1/2 LOCATION

Depth of Hole, Beginning of Shift - - - - 109 Feet

Depth of Hole, End of Shift - - - - 123 Feet

Distance Drilled - - - - 44 Feet

Core Saved - - - - 44 Feet

Angle - - - - 70°

Distance Reamed - - - - - Feet

- - - - - Inch Stand Pipe put in - - - - Feet

- - - - - Inch Casing put in - - - - Feet

From	To	Feet	Material
<u>109</u>	<u>123</u>	<u>14</u>	<u>CK</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>29017</u>	<u>14</u>	<u> </u>

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP	<u>1 1/2</u>	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER W. H. Smith

HELPER G. A. Turner

FOREMAN

DAILY REPORT OF DRILLING

AT _____ 19__

SHIFT 2 DRILL 1 HOLE No. 1

SIZE OF HOLE 1/2" LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - 10 Feet

Distance Drilled - - - - - Feet

Core Saved Feet

Angle

Distance Reamed Feet

inch Stand Pipe put in - - - - - Feet

Inch Casing put in

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS
1017	1	1

DELAYS		HOURS	REMARKS
AIR			
WATER			
SETTING UP			
MOVING			
MUCKING			
REPAIRS			
MISC.			

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT Quarry 1922

SHIFT 1st DRILL 3852 HOLE No.

SIZE OF HOLE 8 1/2 LOCATION

Depth of Hole, Beginning of Shift - 23 Feet

Depth of Hole, End of Shift - 71 Feet

Distance Drilled - 48 Feet

Core Saved 16 Feet

Angle 70°

Distance Reamed Feet

 Inch Stand Pipe put in Feet

 Inch Casing put in Feet

From	To	Feet	Material
<u>72</u>	<u>71</u>	<u>1</u>	<u>28</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>B4017</u>	<u>11</u>	<u>1</u>
<u>B4117</u>	<u>31</u>	<u>1</u>

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING		
HOUSING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

DAILY REPORT OF DRILLING

CORE HOLES

AT Buffington Mine 22 19

SHIFT Day DRILL 152 HOLE No.

SIZE OF HOLE LOCATION

Depth of Hole, Beginning of Shift Feet

Depth of Hole, End of Shift Feet

Distance Drilled Feet

Core Saved Feet

Angle

Distance Reamed Feet

 Inch Stand Pipe put in Feet

 Inch Casing put in Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER

HELPER

FOREMAN

COPY

CORE HOLES

SHIFT DRILL HOLE No.

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, Beginning of Shift _____ Feet
Depth of Hole, End of Shift - - - - - _____ Feet

Depth of Hole, End of Shift _____ Feet

Distance Drilled - - - - - Feet

Distance	Time	Feet
100	1.00	100
200	1.50	200
300	2.00	300
400	2.50	400
500	3.00	500
600	3.50	600
700	4.00	700
800	4.50	800
900	5.00	900
1000	5.50	1000
1100	6.00	1100
1200	6.50	1200
1300	7.00	1300
1400	7.50	1400
1500	8.00	1500
1600	8.50	1600
1700	9.00	1700
1800	9.50	1800
1900	10.00	1900
2000	10.50	2000
2100	11.00	2100
2200	11.50	2200
2300	12.00	2300
2400	12.50	2400
2500	13.00	2500
2600	13.50	2600
2700	14.00	2700
2800	14.50	2800
2900	15.00	2900
3000	15.50	3000
3100	16.00	3100
3200	16.50	3200
3300	17.00	3300
3400	17.50	3400
3500	18.00	3500
3600	18.50	3600
3700	19.00	3700
3800	19.50	3800
3900	20.00	3900
4000	20.50	4000
4100	21.00	4100
4200	21.50	4200
4300	22.00	4300
4400	22.50	4400
4500	23.00	4500
4600	23.50	4600
4700	24.00	4700
4800	24.50	4800
4900	25.00	4900
5000	25.50	5000
5100	26.00	5100
5200	26.50	5200
5300	27.00	5300
5400	27.50	5400
5500	28.00	5500
5600	28.50	5600
5700	29.00	5700
5800	29.50	5800
5900	30.00	5900
6000	30.50	6000
6100	31.00	6100
6200	31.50	6200
6300	32.00	6300
6400	32.50	6400
6500	33.00	6500
6600	33.50	6600
6700	34.00	6700
6800	34.50	6800
6900	35.00	6900
7000	35.50	7000
7100	36.00	7100
7200	36.50	7200
7300	37.00	7300
7400	37.50	7400
7500	38.00	7500
7600	38.50	7600
7700	39.00	7700
7800	39.50	7800
7900	40.00	7900
8000	40.50	8000
8100	41.00	8100
8200	41.50	8200
8300	42.00	8300
8400	42.50	8400
8500	43.00	8500
8600	43.50	8600
8700	44.00	8700
8800	44.50	8800
8900	45.00	8900
9000	45.50	9000
9100	46.00	9100
9200	46.50	9200
9300	47.00	9300
9400	47.50	9400
9500	48.00	9500
9600	48.50	9600
9700	49.00	9700
9800	49.50	9800
9900	50.00	9900
10000	50.50	10000

Angle

Distance Beamed

3 1/2 Inch Stand Pipe put in - - - - -

Inch casing put in - - - - -

FOREMAN

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT 1500 ft. Twp. 10 N. R. 10 E. S. 10 E. 1919

SHIFT 1st DRILL 1st HOLE No. 1

SIZE OF HOLE 3 1/2 LOCATION 1500 ft. Twp. 10 N. R. 10 E. S. 10 E.

Depth of Hole Beginning of Shift - - - - - Feet

Depth of Hole End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

1 1/2 Inch Stand Pipe put in - - - - - Feet

1 1/2 Inch Casing put in - - - - - Feet

From	To	Feet	Material
<u>15</u>	<u>30</u>	<u>15</u>	<u>CR</u>

BIT NO.	FEET DRILLED	DIAMOND LOSS
<u>3 1/2</u>	<u>15</u>	

DELAYS		REMARKS
HOURS		
AIR		
WATER		
BETTING UP		
MOVING		
HUCKING		
REPAIRS		
MISC.		

RUNNER John J. Connors

HELPER John J. Connors

FOURMAN John J. Connors

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19__

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put In - - - - - Feet

_____ Inch Casing put In - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
HOURS		
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved - - - - - Feet

Angle - - - - -

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS	HOURS	REMARKS
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

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DAILY REPORT OF DRILLING

CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
HOVING		
REPAIRS		
MISC		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Core Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

_____ Inch Stand Pipe put in - - - - - Feet

_____ Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
SETTING UP		
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING CORE HOLES

AT _____ 19____
SHIFT _____ DRILL _____ HOLE No. _____
SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet
Depth of Hole, End of Shift - - - - - Feet
Distance Drilled - - - - - Feet
Core Saved - - - - - Feet
Angle _____

Distance Reamed - - - - - Feet
Inch Stand Pipe put in - - - - - Feet
Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS		REMARKS
	HOURS	
AIR		
WATER		
GETTING UP	1 2/3	
MOVING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

T. Connors Diamond Drilling Co., Ltd.

COPY

DAILY REPORT OF DRILLING CORE HOLES

AT _____ 19____

SHIFT _____ DRILL _____ HOLE No. _____

SIZE OF HOLE _____ LOCATION _____

Depth of Hole, Beginning of Shift - - - - - Feet

Depth of Hole, End of Shift - - - - - Feet

Distance Drilled - - - - - Feet

Cores Saved _____ Feet

Angle _____

Distance Reamed - - - - - Feet

Inch Stand Pipe put in _____ Feet

Inch Casing put in - - - - - Feet

From	To	Feet	Material

BIT NO.	FEET DRILLED	DIAMOND LOSS

DELAYS	HOURS	REMARKS
AIR		
WATER		
GETTING UP		
WORKING		
MUCKING		
REPAIRS		
MISC.		

RUNNER _____

HELPER _____

FOREMAN _____

No. G-4 Sheet. 1

Property	Fine Point Oil	Length	1756.0 ft.	Lat.	Approx. 125500	Hor. Comp.		Ver. Comp.	
District	5500th 750th St. C.F. #2	Bearing		Dep.	Approx. 58100	Etch at	1350.0 - 90°	Total Recovery %	79.7
Commenced	June 20, 1953	Dip	- 90°	Elev.	535.9	True Dip		Logged by	P.E.E.
Completed	July 21, 1953	Objective	Wildcat hole to investigate oil/gas possibilities in Presqu'ile and Fine Point Formations.						

[illegible]

The Consolidated Mining and Smelting Company of Canada, Limited
DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. 2Hole No. G-4Property Pine Point Oil

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVERY %
FROM	TO										
121.2	143.5	Limestone, grey, greyish buff or brown, dense to very fine-grained, mainly blotchy and probably slightly dolomitic. Vague suggestion of clastic appearance in places. Numerous closely-spaced bedding marks. Small tubular fossils (corals?) from 137.8-138.4. Few large solution vugs from 125.2-125.5 and 136.8-137.8. Base gradational.									
143.5	150.5	Limestone, grey to greyish brown, dense to very fine sugary textured, clastic. Black bands and horsetail bedding from 144.5-149.0.									
150.5	158.5	Dolomite, buff to brown, very finely crystalline. Contains many oval-shaped masses (possible corals or amphipora) and a few bryozoans. The fossils are light buff to white in colour and medium to coarsely crystalline. A few large areas of coarsely crystalline light buff to white dolomite may represent recrystallized stromatoporoids. Few vugs; vugs containing soft bitumen with a few oil stains from 156.5-158.5.									
159.0	172.6	Limestone, greyish brown, very fine-grained, fragmental. Contains numerous light buff-coloured large stromatoporoids and corals (Taphrentis?). Many of the fossils show a marked zonal structure, in other fossils internal structure has been obliterated by recrystallization. Large porous stromatoporoids at 159.9, 160.7 and 161.2 are impregnated with black tarry oil and soft bitumen. Thin seams of iron sulphides at 165.0 and from 171.6-base. Becomes argillaceous at base.									
172.6	188.0	Shale, blue-green, fissile. Few small masses of pyrite crystals. Dark greenish black and limy towards base.									
188.0	193.0	Limestone, greyish brown with light buff-coloured fossils, dense to very fine-grained. Irregular bituminous horsetail bedding from 186.0-190.0, becomes somewhat argillaceous from 190.0-base. 30-35% fossils include numerous corals, occasional brachiopods and crinoid fragments also stromatopoid fragments. A little finely disseminated iron sulphides from 189.0-base. Lower margin transitional.									
193.0	200.0	Shale, bluish grey to dark grey-green, mainly bentonitic. Moderately fissile from 193.0-200.0. Highly fissile from 200.0-base. Moderately limy from 193.0-200.0, 203.0-204.0 and 209.0-base. 30-40% limestone in thin irregular bands from 197.0-200.0, greyish brown argillaceous.									

Cont'd.

DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. _____

[illegible]

Property		Line Point Oil																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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The Consolidated Mining and Smelting Company of Canada, Limited
DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. 5

Hole No. 8-4

Property Pine Point Oil

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVERY %
FROM	TO										
805.0	908.5	Banded dolomite and anhydrite as above with occasional thin seams of green shale. More irregular bedding occurs in this section. Green shale seams occur in bands up to 1" wide from 847.4-base, also occur as small irregular masses. Bedding plane solution gashes occur throughout, vertical solution gashes are particularly pronounced from 805.7-806.4, 877.0-878.0, 893.0-894.7 and 903.5-base. Sections 868.0-870.0 and 873.0-874.2 show irregular contorted bedding with considerable gypsum. Lower margin arbitrary.									
908.5	990.0	Anhydrite (70%) and dolomite as above, more irregularly banding with considerable inclined bedding. The dolomite commonly occurs as discontinuous bands cut by and partially replaced by anhydrite. Shaly sections become more abundant from 947.0-base. Highly contorted bedding from 912.0-916.5 and 966.5-989.3, also occurs in many other short sections. Flowage breccia cemented by chocolate brown compact clay from 958.0-959.0. Marked open fissures from 934.3-934.8, occasional bedding plane solution gashes from 908.5-952.0. Lower margin arbitrary.									
990.0	1018.0	Banded anhydrite and argillaceous dolomite as above with 35% dull grey green shale in bands up to 2" feet thick. Irregular masses and veinlets of reddish stained gypsum at 1002.0, 1006.5 and 1007.5. Slight reddish tinge from 1013.0-base. Band of white very fine sugary textured gypsum from 1015.7-1016.9. Lower margin arbitrary.									
1018.0	1033.0	Impure anhydrite, somewhat argillaceous with a pseudo-clastic and bottled appearances, dull brick red to grey green and greenish brown in colour, massive. Small amount of gypsum throughout as horizontal veinlets and occasional sub-vertical veinlets. Brick red, very fine-grained silty mudstone with irregular masses of dull green argillaceous anhydrite from 1028.0-1029.4 and 1030.2-base. Considerable gypsum veining at top and bottom of section. Base of Fitzgerald Formation(?)									
1033.0	1067.0	Sedimentary breccia. Angular fragments of brick red, dolomitic silty mudstone are embedded in a matrix of reddish brown clay and gypsum. The siltstone fragments vary in size from less than 1" to over 2", local green areas of reduction occur. From 1033.0-1050.0 many of the fragments									

Cont'd.

Hole No. G - 4Property Pine Point OilThe Consolidated Mining and Smelting Company of Canada Limited
DIAMOND DRILL SAMPLING RECORDContinuation Sheet No. 6

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVERY %
FROM	TO										
1063.0	1067.0	are dull green argillaceous anhydrite and gypsum showing fibrous structures. The clayey matrix material is quite limy in places. Massive dull green silty mudstone from 1068.0-1067.0 with irregular patches of red-dish oxidation.									
1067.0	1080.5	Gypsum and anhydrite, buff and white, rottled, very finely crystalline, massive. Banded at 10-15° from 1077.5 to base, vague banding throughout. Small flattened white masses averaging 1/10" occur in a buff-coloured matrix. Occasional large contorted white masses. Gradual transition towards base where there is some intermixture of dolomite.									
1080.5	1083.0	Dolomite and gypsiferous dolomite, dark brown and thinly bedded (numerous thin seams of gypsum) at 20°. Become stylolitic towards base. Bitumen coated fine stylolite at base.									
1083.0	1096.0	Dolomite, greyish buff to grey brown. Fine sandy texture with considerable pin-point porosity. Locally becomes quite dense towards base. Bitumen bedding marks inclined at 20-60° throughout, becoming more steeply inclined towards base. Few stylolites with coatings of bitumen and green clay. Transitional at base. Correlated with section 1049.0-1066.8 of hole G - 1.									
1096.0	1110.7	Dolomite, grey to dark buffish grey, dense and stylolitic. Gypsiferous dolomite from 1101.0-1102.0. Grey-green shale containing masses of gypsum from 1104.0-1108.0 and 1109.0 base.									
1110.7	1125.7	Gypsum and anhydrite, similar to section 1067.0-1080.5. Section 1119.7-1120.5 is similar to section 1083.0-1088.0. Green clay seam with 70° contact at 1120.5. Sedimentary breccia composed of small angular fragments of buff-coloured dolomite and greyish green shaly dolomite in a matrix of crystalline gypsum from 1124.0-base.									
1125.7	1196.0	Silty mudstone, dolomite, brick red with lighter orange-red hues, very fine-grained, massive and compact. Local green areas of reduction from 1125.7-1126.0, 1178.6-1190.1 and 1191.6-base. Few large masses of gypsum from 1129.0-1140.0 and at base. Numerous irregular narrow veinlets of fibrous gypsum, intense vertical veining by many closely-spaced									

Cont'd.

The Consolidated Mining and Smelting Company of Canada Limited
DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. 7Hole No. G - 4Property Pine Point C11

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVERY %
FROM	TO										
1125.7	1196.0	veinlets of gypsum from 1162.0-1164.0. Slight pitting in many places suggests solution of salt. Marked solution gash from 1188.2-1188.8. Sedimentary breccia at base.									
1196.0	1202.6	Gypsum, white and light brown, somewhat mottled, coarsely crystalline and massive becoming dense and banded with thin streaks of brown dolomite in lower part of sections. Core surface shows clastic appearance from 1197.0-1121.5 due to solution of small amount of salt. Numerous an echlon solution gashes inclined at 65° from 1196.0-1202.0 suggest solution of salt. Transitional at base.									
1202.6	1204.1	Dolomite, buff, very fine sandy texture, highly permeable and somewhat friable. Few bands and veinlets of gypsum.									
1204.1	1208.3	Silty mudstone, dolomitic earthy texture, locally crystalline, massive. Generally a dull grey-green colour, chrome green at 1207.0. Darker green streaks from 1124.1-1125.5. Locally reddish areas. Cut by innumerable small and discontinuous veinlets of gypsum.									
1208.3	1303.2	Silty mudstone, similar to section 1125.7-1197.4. Numerous bands and pods of green reduction up to 4" wide. Thinly bedded with bands of cream coloured quartz siltstone up to 1/20" wide from 1285.6-1286.7 with a 2" band of quartz siltstone at 1286.7, also from 1298.9-1299.3. Beds of massive red stained gypsum with red streaks from 1216.0-1216.0 and 1241.7-1242.9, other smaller masses of impure reddish gypsum and occasional veinlets of gypsum from 1208.3-1246.0.									
1303.2	1305.8	Silty mudstone, brick red and chrome green colour banding. Mainly thinly bedded due to numerous leaves of light buff coloured quartz siltstone from 1303.2-1304.8. Few masses of gypsum at top and bottom of section.									
1305.8	1309.7	Quartz siltstone, light buff to light reddish buff, very fine grained, hard and compact, equigranular. Probably has a dolomitic cement, as fragments break down with moderate effervescence in dilute HCl. Numerous thin green shale partings - commonly lenticular in nature. Considerable disseminated green argillaceous material towards base with a few reddish coloured areas. Contains larger fragments of quartz and some feldspar.									

Cont'd

Hole No. G - 4Property Pine Point Oil

The Consolidated Mining and Smelting Company of Canada, Limited

DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. 1

FOOTAGE		DESCRIPTION	SHORTS FEET	SAMPLE NO.	LENGTH FEET	ANALYSIS					RECOVERY %
FROM	TO										
1308.8	1309.7	from 1308.8-base. The quartz fragments vary from dark blue black to a pale watery blue in colour. Few sub-rounded quartz fragments up to 1/8" at 1308.3. Few irregular masses of gypsum up to 1" from 1308.1-base.									
1309.7	1326.8	Silty mudstone, dark brick red, massive and compact. Local green areas of reduction with associated lenses and thin beds of quartz siltstone as above from 1310.0-1311.7, 1313.4-1314.0, and at 1321.0. Small fragments of quartz are dispersed throughout, occasionally aggregated into thin lenses. Few large masses of gypsum, large mass of gypsum from 1320.0-1321.7 has an irregular vertical contact simulating a stylolite.									
1326.8	1334.7	Quartz siltstone, similar to section 1308.8-1309.7 with less pronounced green shaly streaks, mainly massive. Somewhat coarser grained than section 1308.8-1309.7, locally contains bands of coarser fragments. Becomes dark purplish black from 1329.3-base, quite dense and dark purplish black argillaceous siltstone at base.									
1334.7	1338.7	Quartz siltstone, extremely fine-grained, light buff, green and red colour bands up to 1/10" thick. Green bands are somewhat more argillaceous. Banding becomes more irregular towards base. Somewhat gritty from 1334.7-1336.8, 1/2" band of quite coarse gritstone at 1336.6. Small flakes of mica occur throughout in small amounts.									
1338.7	1341.9	Sandstone, light buff with a slight greenish tinge and greenish streaks of argillaceous material, mainly equigranular averaging less than 0.5 mm grain size with a few larger fragments. Most of the fragments are sub-rounded, quartz predominates although there are many grains of pink feldspar. Moderately coarse sandstone at base with fragments up to 1/10". The cementing material is mainly dolomitic, probably comprising over 30% of the rock.									
1341.9	1355.0	Pre-Cambrian. Granite, dark red and pink, medium grained and equicrystalline. Contains many small flakes of green to black mica, commonly stained by hematite. Considerable hematite staining throughout, occasional fine fractures are coated with thin films of hematite. Local kaolinization of the feldspars. Somewhat coarser grained and almost porphyritic at top of section.									

END OF HOLE G - 4

(Additional Notes on Next Page)

Hole No. G - 4

DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No. 9

Property Pine Point Oil

Property		Fine Point Oil										SHORTS	SAMPLE	LENGTH	ANALYSIS					RECOVERY
FOOTAGE		DESCRIPTION								FEET	NO.	FEET						%		
FROM	TO																			
		Additional Information A flow of artesian sulphurous water, estimated at 50 gallons per minute was encountered at 374 feet. It is said that the water became somewhat salty with depth although the water flow remained constant.																		
		Runs	Shorts	Runs	Shorts	Runs	Shorts	Runs	Shorts											
		0- 20.0	0.8	208.0	0.8	429.0	0.3	562.0	1.8											
		53.0	Cuttings	216.0	3.6	434.0		567.0	1.8											
		59.0	0.7	228.0	0.3	438.0	2.7	571.0	1.2											
		61.0	0.6	238.0		442.0		577.0	4.0											
		62.0		248.0		446.0	1.3	583.0	2.8											
		70.0	2.1	259.0	1.0	450.0	0.7	588.0	1.2											
		75.0	3.0	268.0	3.0	452.0	0.7	593.0	0.3											
		79.0	1.5	278.0		455.0	0.5	597.0	1.2											
		82.0	2.0	288.0	1.2	458.0	0.3	601.0	1.0											
		86.0	1.1	298.0	0.4	461.0		603.0	0.9											
		90.0		308.0	1.2	462.0	0.2	607.0	1.3											
		92.0	1.4	318.0	5.0	464.0	1.2	611.5	2.6											
		93.0	0.5	329.0	2.7	469.0	0.3	616.0	1.1											
		102.0		339.0	1.8	472.5	0.9	621.0	0.8											
		109.0	0.3	349.0	1.4	475.0	1.0	624.0	1.0											
		114.3		358.0	4.5	488.0	6.4	628.0	1.0											
		124.0	0.5	362.0	0.9	491.0	4.6	630.0												
		127.5	0.9	367.0	1.9	496.0	4.6	633.0												
		129.5	0.5	372.0	1.6	500.0	2.4	640.0	2.3											
		133.0	0.8	379.0	0.2	507.0	5.7	644.0	1.3											
		140.5	0.5	383.0	0.3	514.0	5.7	648.0												
		148.0	0.5	393.0		520.0	4.9	655.0	3.2											
		153.0		401.0	1.4	526.5	5.2	661.0												
		158.0	1.5	403.5	1.5	530.0	2.3	666.0	0.8											
		162.0		405.0	0.2	534.0	3.2	669.5	1.3											
		173.0	0.5	407.5	0.4	537.0	2.0	674.0	0.2											
		177.0	1.9	412.0	0.7	539.0		684.0												
		185.0	2.4	414.0	1.2	545.5	5.3	690.0	0.5											
		193.0	2.9	420.0	0.6	552.0	0.5	696.0	0.4											
		200.0	0.8	424.0	0.3	557.0	3.8	706.0	0.3											

Property Pine Point Oil

DIAMOND DRILL SAMPLING RECORD

Continuation Sheet No.

FOOTAGE		DESCRIPTION						SHORTS	SAMPLE	LENGTH	ANALYSIS						RECOVERY
FROM	TO							FEET	NO.	FEET							%
		Runs	Shorts	Runs	Shorts	Runs	Shorts										
		708.5	0.7	1030.0		1355.0											
		716.0	0.5	1040.0	2.6												
		722.0	2.0	1050.0													
		732.0		1060.0	1.0	End of G - 4											
		742.0		1070.0	4.0												
		750.0	0.6	1080.0	0.7												
		760.0		1090.0	4.7	Total Shorts 264.4											
		770.0		1098.0	6.4	% Recovery 79.7											
		780.0		1104.0	4.5												
		788.0		1114.0	7.0												
		798.0	2.2	1024.0	5.7												
		808.0		1032.0	4.3												
		818.0		1140.0	4.0												
		828.0		1145.0	2.0												
		838.0		1153.0	1.0												
		848.0		1164.0	0.8												
		858.0		1175.0	0.2												
		868.0	6.6	1186.0	0.4												
		878.0		1197.0													
		888.0		1207.0	0.4												
		898.0	1.1	1218.0	0.8												
		903.0		1228.0	7.2												
		910.0	0.4	1238.0	5.0												
		920.0		1248.0	1.5												
		930.0		1259.0													
		940.0	0.5	1269.0													
		950.0	0.3	1280.0	0.7												
		960.0		1290.0													
		970.0		1300.0													
		980.0	8.0	1310.0													
		990.0		1320.0	1.3												
		1000.0		1330.0	0.4												
		1010.0	0.5	1335.0	7.2												
		1020.0	0.4	1345.0	1.4												