



# SUNSHINE COAST MATERIALS TESTING

UNIT #3- 5534 SECHELT INLET CRES.  
SECHELT, BC, V0N 3A0

# FIELD DENSITY REPORT

PROJECT NO. SC-25030  
CLIENT SCR D  
C.C.

TO  
[  
SCR D  
1975 FIELD RD.  
SECHELT, BC  
V7Z 0A8  
]

ATTN: SCR D

PROJECT FRANCIS PENINSULA WATERMAIN UPGRADES  
MATERIALS TESTING

MURDOCH AND FRANCIS PENINSULA  
PENDER HARBOR

REPORT NO. 1      NO. OF DENSITIES 14      TESTED BY JU      DATE TESTED 2025.Jul.09

CONTRACTOR	SCR D
AREA	MURDOCH RD. & FRANCIS PENINSULA
CONSTRUCTION TYPE	BACKFILL-WATERMAIN

DENSITY NUMBER DEPTH TYPE	LOCATION	LAB REFERENCE AND MATERIAL TYPE	MOISTURE		OVERSIZE MATERIAL	DRY DENSITY		COMPACTION %
			FIELD	OPTIMUM		FIELD	LAB	
1 0.200	STATION 0+000	Proctor 1 19MM ROAD BASE	2.5	8.5	0.0	2122	2180	97
2 0.200	STATION 0+030	Proctor 1 19MM ROAD BASE	3.9	8.5	0.0	2182	2180	100
3 0.200	STATION 0+060	Proctor 1 19MM ROAD BASE	2.9	8.5	0.0	2142	2180	98
4 0.200	STATION 0+090	Proctor 1 19MM ROAD BASE	2.8	8.5	0.0	2135	2180	98
5 0.200	STATION 0+120	Proctor 1 19MM ROAD BASE	2.9	8.5	0.0	2137	2180	98

FIELD METHOD	Nuclear ASTM D6938	SPECIFIED COMPACTION	90
LABORATORY METHOD	Modified Proctor ASTM D1557	LOW DENSITIES INDICATED WITH *	
ROCK CORRECTION METHOD	None		
OVERSIZE SCREEN SIZE	Passing 3/4" - 19mm		

COMMENTS  
REFERENCE FOR STATIONING IS FROM THE CORNER OF MURDOCH AND FRANCIS PENINSULA  
HEADING NORTH. DISTANCES ARE IN METERS.

Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on written request.



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DENSITY NUMBER DEPTH TYPE	LOCATION	LAB REFERENCE AND MATERIAL TYPE	MOISTURE		OVERSIZE MATERIAL	DRY DENSITY		COMPACTION %
			FIELD	OPTIMUM		FIELD	LAB	
6 0.200	STATION 0+150	Proctor 1 19MM ROAD BASE	3.0	8.5	0.0	2156	2180	99
7 0.200	STATION 0+180	Proctor 1 19MM ROAD BASE	3.3	8.5	0.0	2105	2180	97
8 0.200	STATION 0+210	Proctor 1 19MM ROAD BASE	3.3	8.5	0.0	2164	2180	99
9 0.200	STATION 0+215 WATERMAIN CROSSED LANES	Proctor 1 19MM ROAD BASE	3.4	8.5	0.0	2146	2180	98
10 0.200	STATION 0+245	Proctor 1 19MM ROAD BASE	3.0	8.5	0.0	2140	2180	98

FIELD METHOD	Nuclear ASTM D6938	SPECIFIED COMPACTION	90
LABORATORY METHOD	Modified Proctor ASTM D1557	LOW DENSITIES INDICATED WITH *	
ROCK CORRECTION METHOD	None		
OVERSIZE SCREEN SIZE	Passing 3/4" - 19mm		

COMMENTS

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			FIELD	OPTIMUM		FIELD	LAB	
11 0.200	STATION 0+275	Proctor 1 19MM ROAD BASE	4.6	8.5	0.0	2075	2180	95
12 0.200	STATION 0+305	Proctor 1 19MM ROAD BASE	2.7	8.5	0.0	2033	2180	93
13 0.200	STATION 0+335	Proctor 1 19MM ROAD BASE	3.4	8.5	0.0	2084	2180	96
14 0.200	STATION 0+340 WATERMAIN CROSSES BACK TO WEST SIDE	Proctor 1 19MM ROAD BASE	2.5	8.5	0.0	2180	2180	100

FIELD METHOD	Nuclear ASTM D6938	SPECIFIED COMPACTION	90
LABORATORY METHOD	Modified Proctor ASTM D1557	LOW DENSITIES INDICATED WITH *	
ROCK CORRECTION METHOD	None		
OVERSIZE SCREEN SIZE	Passing 3/4" - 19mm		

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