REPORT OF MATERIALS TESTING

JOB NAME:	Cinderlite 2019	**ESE JOB NO.:**	19.1.08
MATERIAL:	Class A Backfill (Screened DG)	**DATE RECEIVED:**	3/22/2019
SUPPLIER:	Cinderlite	**SAMPLED BY:**	Client
SOURCE:	Goni Pit 3/22/2019	**ESE BULK NO.:**	228

SIEVE SIZE	PERCENT PASSING	SPECIFICATION LIMITS SSPWC 200.03.02	REMARKS
2"			
1"			
3/4"			
1/2"			
3/8"	100	100	PASS
4	99	90 - 100	PASS
8	77	--	--
10	70	--	--
16	53	--	--
30	37	--	--
40	32	--	--
50	27	10 - 40	PASS
100	18	3 - 20	PASS
200	11.9	0 - 15	PASS

	Test Result	Spec. (200.03.02)	Remarks
Plasticity Index (Nev. T210):	NP	10 Max.	PASS
Liquid Limit (Nev. T210):	NP	--	--
Maximum Dry Density (ASTM D1557):	*132.8pcf @ 7.9% optimum moisture content*		

REMARKS: [-] INDICATES OUT OF JOB SPECIFICATION TOLERANCES.

NP = NON PLASTIC

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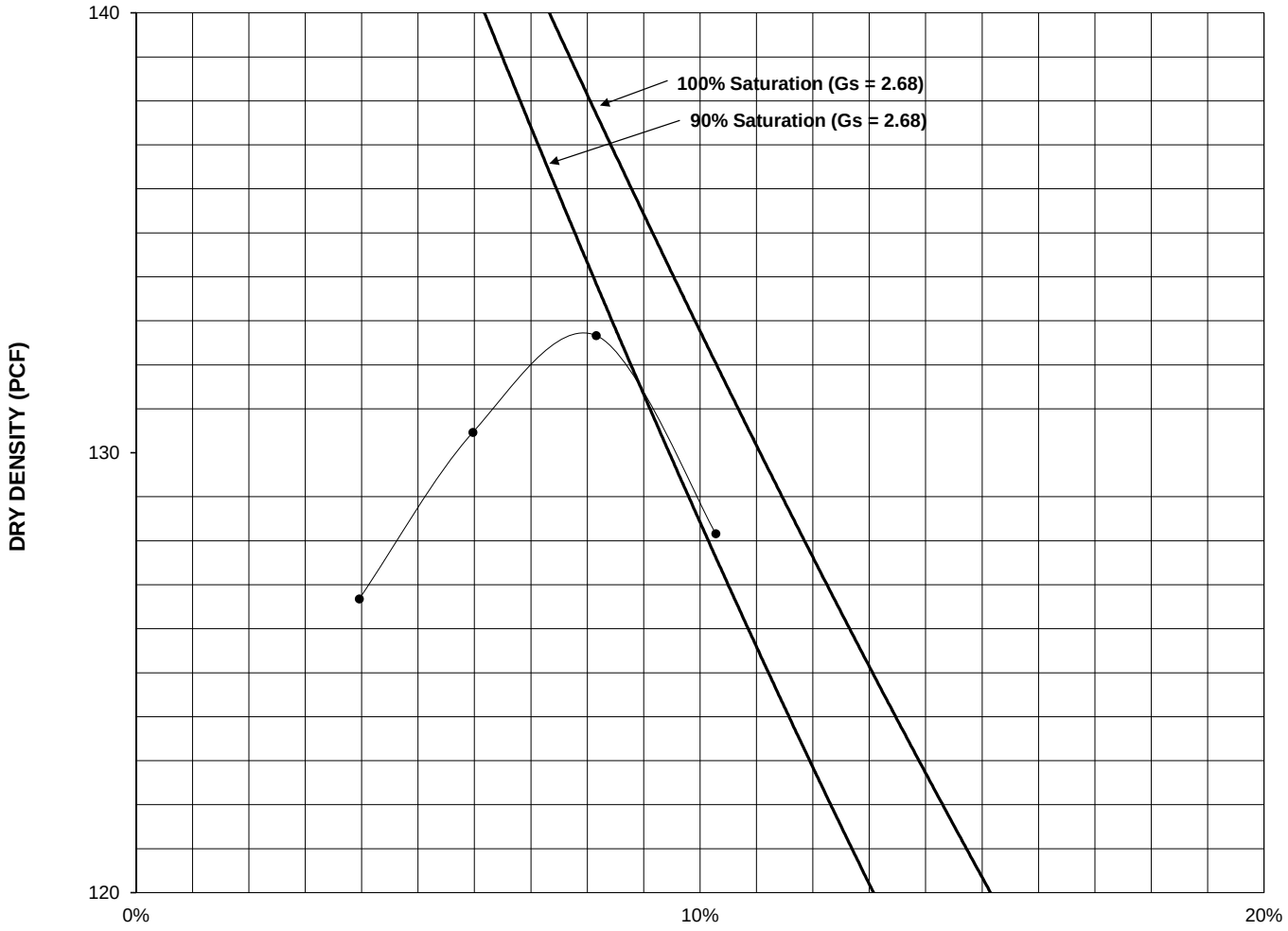
DRAWN BY	JOB NUMBER	APPROVED	DATE	REVISED
DB	19.1.08	SJ	3/27/2019	



D1557 Symbol	Sample Source	Classification (Description)	Optimum Water Content (%)	Maximum Dry Density (pcf)
°	Goni Pit	Class A Backfill (Screened DG)	7.9	132.8

TEST METHOD: D1557
METHOD: B
LAYERS: 5
BLOWS: 25

MOLD (in): 4
HAMMER (LBS.) 10
FALL (in): 18

MANUAL COMPACTION: X
MECHANICAL COMPACTION:

POINT #	MOISTURE	DRY DENSITY (PCF)
1	4.0%	126.7
2	6.0%	130.5
3	8.2%	132.7
4	10.3%	128.2
5		
6		

% PASSING
3/4" 100
3/8" 100
#4 99

SPECIFIC GRAVITY
ASSUMED: 2.68
ASTM C-127

ABSORPTION (%):
ESE BULK NO.: 228
DATE SAMPLED: 3/22/19

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COMPACTION TEST DATA
Cinderlite

FIGURE
1

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
DB	19.1.08	SJ	3/27/19		