

**APPENDIX I**

**CONCRETE TEST REPORTS**



# MAGEE, ANDERSON

## REPORT OF COMPRESSIVE STRENGTH OF CONCRETE TEST CYLINDERS

PROJECT: Sterling Mine Shaft Capping REPORT NO.: 1  
 CLIENT: N.S.D.N.R. PROJECT NO.: 60361  
 DATE CAST: October 25 1995 DATE REC'D: October 26 1995

CYLINDER NUMBER	AGE IN DAYS	DATE TESTED	AVERAGE DIAMETER mm	COMPRESSIVE STRENGTH MPa
1-A	7	Nov 1 95	152.4	27.0
1-B	28	Nov 22 95	152.4	33.9
1-C	28	Nov 22 95	152.4	33.4

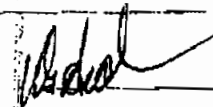
CONTRACTOR Terra Marine Environmental  
 CONCRETE SUPPLIER Concrete Services SPECIFIED STRENGTH  
 TRUCK No. 516 TICKET No. 5971 AT 28 DAYS 35 MPa  
 TIME BATCHED 13:00 MAX. SIZE AGG. 20 mm  
 TIME CYLINDERS CAST 14:35 AIR (SPEC.) 5.8 %, ACTUAL 6.4 %  
 CAST BY Ian MacDougall ADMIXTURES WRDA82/DAREX  
 TYPE OF MOULD 150mm Plastic SLUMP (SPECIFIED) 55-95 mm  
 WATER ADDED ON SITE --- L SLUMP (ACTUAL) 112 mm  
 AUTHORIZED BY --- MASS DENSITY --- kg/m<sup>3</sup>  
 LOCATION ON STRUCTURE # 1 and # 2 shafts

AMBIENT TEMP. 14 °C CONCRETE TEMP. 20 °C

INITIAL CURING LOCATION: curebox on site

INITIAL CURING TEMP. 16 °C (MIN) 24 °C (MAX)

REMARKS DOES NOT MEET SPECIFICATION 28 DAY STRENGTH

Approved By 

# MAGEE, ANDERSON

## REPORT OF COMPRESSIVE STRENGTH OF CONCRETE TEST CYLINDERS

PROJECT:     Sterling Mine Shaft Capping     REPORT NO.:     2      
 CLIENT:     N.S.D.N.R.     PROJECT NO.:     60361      
 DATE CAST:     October 26, 1995     DATE REC'D:     October 27, 1995    

CYLINDER NUMBER	AGE IN DAYS	DATE TESTED	AVERAGE DIAMETER mm	COMPRESSIVE STRENGTH MPa
2-A	7	Nov 2 95	152.4	31.7
2-B	28	Nov 23 95	152.4	37.3
2-B	28	Nov 23 95	152.4	37.8

CONTRACTOR     Terra Marine Environmental      
 CONCRETE SUPPLIER     Concrete Services     SPECIFIED STRENGTH  
 TRUCK No.     540     TICKET No.     16517     AT 28 DAYS     35     MPa  
 TIME BATCHED     12:55     MAX. SIZE AGG.     20     mm  
 TIME CYLINDERS CAST     14:40     AIR (SPEC.)     5.8     %, ACTUAL     6.0     %  
 CAST BY     Ian MacDougall     ADMIXTURES     WRDA82/DAREX      
 TYPE OF MOULD     150mm Plastic     SLUMP (SPECIFIED)     55-95     mm  
 WATER ADDED ON SITE     L     SLUMP (ACTUAL)     95     mm  
 AUTHORIZED BY     ---     MASS DENSITY     ---     kg/m<sup>3</sup>  
 LOCATION ON STRUCTURE     # 1 and # 2 Raise    

AMBIENT TEMP.     16     ° C CONCRETE TEMP.     20     ° C  
 INITIAL CURING LOCATION:     curebox on site      
 INITIAL CURING TEMP.     16     ° C (MIN)     23     ° C (MAX)

REMARKS     -----      
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Approved By     