

Client: North Dakota Dept. of Transportation
Project: Rapid Chloride Penetrability Testing
Contact: Mr. Scott Wutzke
Submitter: Mr. Scott Wutzke

CTLGroup Project No.: 409397
CTLGroup Proj. Mgr.: M. Morrison
Technician: P. Brindise
Approved: W. Morrison
Date: August 9, 2010

**RAPID CHLORIDE PENETRATION RESULTS
ASTM C 1202**

<u>Sample No. (Client ID)</u>	<u>Test Date</u>	<u>Charge Passed (Coulombs)</u>	<u>Relative Chloride Penetrability</u>
1A	08-06-10	594	Very Low
2A	08-06-10	563	Very Low
3A	08-06-10	867	Very Low
#4	08-05-10	1009	Low

Sample Type: 4x8-in. concrete cylinders were submitted for testing.
Age Since Casting: 113 & 114 days from the client's reported cast date of April 13 & 14, 2010.
Specimens History: The cylinders were received at CTLGroup on July 29, 2010.
Upon receipt at CTLGroup the cylinders were prepared for test.

See ASTM C 1202 Table below for interpretation of results.

<u>Charge Passed Coulombs</u>	<u>Chloride Ion Penetrability</u>
>4000	High
2000-4000	Moderate
1000-2000	Low
100-1000	Very low
<100	Negligible

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#5	08-05-10	690	Very Low
#6	08-05-10	520	Very Low
8A	08-06-10	2429	Moderate
#9	08-05-10	2757	Moderate

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