

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 MATERIALS & TESTS UNIT
 P.O. BOX 25201 - RALEIGH, NORTH CAROLINA
 October 18, 2000

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 MATERIALS & TESTS UNIT
 P.O. BOX 25201 - RALEIGH, NORTH CAROLINA
 January 12, 2000

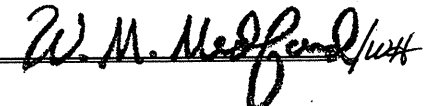
TEST REPORT FOR: **ROCK** LAB #: 129733

TYPE OF MATERIAL: ROCK DATE SAMPLED: 10/11/00
 SAMPLE #: RSS - 1 RECEIVED: 10/12/00
 PROJECT #: 8.2860401 COUNTY: MADISON
 CONTRACTOR: N/A SAMPLED BY: M. TREADWAY

TEST RESULTS

SAMPLE #	SULFUR %	NEUTRAL. POTENTIAL	ACID POTENTIAL	NET NEUTRAL POTENTIAL
RSS-1	0.107	9.850	3.356	6.494

NET NEUTRALIZATION POTENTIAL (NNP) REPORTED IN TONS CaCO3 PER 1000 TONS OF MATERIAL. *NNP VALUES LESS THAN NEGATIVE FIVE ARE CONSIDERED HARMFUL (HOT).

SIGNED: 
 W. M. MEDFORD
 CHEMICAL TESTING ENGINEER

cc: M. TREADWAY

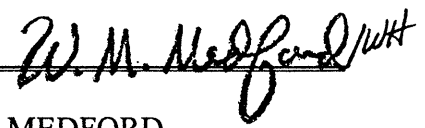
TEST REPORT FOR: **ROCK** LAB #: 130760-130769

TYPE OF MATERIAL: ROCK DATE SAMPLED:
 SAMPLE #: RSS -2 THROUGH RSS-11 RECEIVED: 01/08/01
 PROJECT #: 8.2860401 COUNTY: MADISON
 CONTRACTOR: N/A SAMPLED BY: M. TREADWAY

TEST RESULTS

SAMPLE #	SULFUR %	NEUTRAL. POTENTIAL	ACID POTENTIAL	NET NEUTRAL POTENTIAL
2	0.140	13.840	4.375	9.465
3	0.168	11.097	5.250	5.847
4	0.260	15.087	8.125	6.962
5	0.136	14.090	4.250	9.840
6	0.304	15.087	9.500	5.587
7	0.040	16.085	1.250	14.835
8	0.108	17.332	3.375	13.957
9	0.184	15.087	5.750	9.337
10	0.280	12.095	8.750	3.345
11	0.068	10.848	2.125	8.723

NET NEUTRALIZATION POTENTIAL (NNP) REPORTED IN TONS CaCO3 PER 1000 TONS OF MATERIAL. *NNP VALUES LESS THAN NEGATIVE FIVE ARE CONSIDERED HARMFUL (HOT).

SIGNED: 
 W. M. MEDFORD
 CHEMICAL TESTING ENGINEER

cc: M. TREADWAY
 F.R. GLASS
 FILE