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GRAINGER LABORATORIES

INCORPORATED

ANALYTICAL AND CONSULTING CHEMISTS

709 West Johnson Street

Raleigh, North Carolina 27603

(919) 828-3360

ANALYTICAL LABORATORY

Environment Analysis
Construction Materials
Identification of Unknowns
Microbiology
Paints
Pesticides
Soils
Trace Metals
Hazardous Waste

September 23, 1982
82-4805

Elizabeth Betz
Supey Chem., Q.C. Lab
NREAB, B Maintenance Division
MCB Camp Lejuene, NC 28542

CONSULTATION

Metallurgical Services
Pollution Abatement
Process Development
Quality Control
Methods Development
Special Investigation
Pesticides
RCRA

Subject: Analyses of samples received 9/7/82

Sample Identification: Purchase Order M93182-2242-0001

1. HB, 0930, 8.2, 19
2. TT, 0945, 8.2, 20
3. MP, 1005, 7.1, 20
4. NR, 1035, 7.6, 20
5. RR, 1100, 8.0, 23
6. CHB, 1125, 7.9, 21
7. OB, 1145, 7.1, 21
8. HP, 1210, 8.8, 20

For results see attached page.

William R. Cottrell
Laboratory Supervisor

WRC/ab

CLW



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RESULTS

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
pH	8.20	8.20	7.10	7.6	8.00	7.90	7.1	8.80
Temperature, °C	19.0	20.0	20.0	20.0	23.0	21.0	21.0	20.0
Total Alkalinity, as CaCO ₃ , mg/l	82.3	76.4	166	136	151	164	155	51.9
Total Filterable Residue, mg/l	10	152	126	320	230	246	140	106
Calcium, as CaCO ₃ , mg/l	56.1	101	41.9	48.0	44.3	50.0	111	40.9
Stability Index (Langelier)	0.03	0.19	-0.95	-0.59	0.06	-0.12	-0.54	0.25
Sodium, as Na, mg/l	24.4	19.8	81.9	79.8	88.7	81.5	66.4	20.7

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