CH2M HILL
SPECIFIC GRAVITY

File No.

Project Phase I COPR Investigation
Location Dundalk Marine Terminal

Perf by LH — Date 11/17/2006
Calc. by LH — Date 11/17/2006
Chk'd by KAS — Date 1/29/2007

Boring No. INC-9
Test Pit No.

Sample ID
INC-9-SOI-1618

Flask No.	Wt. of flask	Wt. of flask + water (g)	Wt. of wet soil in flask (g)	Wt. of dry soil (g)	Wt. of flask + dry soil (g)	Wt. of flask + water + soil (g)
F1	95.06	344.12		62.59	157.65	385.54

Volume of Pycnometer (mL)	SpG	T (Celcius)
249.06	2.95654228	20

Sample ID
INC-9-SOI-0810

Flask No.	Wt. of flask	Wt. of flask + water (g)	Wt. of wet soil in flask (g)	Wt. of dry soil (g)	Wt. of flask + dry soil (g)	Wt. of flask + water + soil (g)
F2	94.71	343.8		61.6	156.31	385.36

Volume of Pycnometer (mL)	SpG	T (Celcius)
249.09	3.0738523	20

Sample ID
INC-9-SOI-1214

Flask No.	Wt. of flask	Wt. of flask + water (g)	Wt. of wet soil in flask (g)	Wt. of dry soil (g)	Wt. of flask + dry soil (g)	Wt. of flask + water + soil (g)
F1	95.06	344.12		60.56	155.62	384.45

Volume of Pycnometer (mL)	SpG	T (Celcius)
249.06	2.9935739	20

Sample ID
INC-9/10-11

Flask No.	Wt. of flask	Wt. of flask + water (g)	Wt. of wet soil in flask (g)	Wt. of dry soil (g)	Wt. of flask + dry soil (g)	Wt. of flask + water + soil (g)
F4	178.56	677.14		97	275.56	743.56

Volume of Pycnometer (mL)	SpG	T (Celcius)
498.58	3.17200785	20.8

Sample ID
INC-9/8.5-9.5

Flask No.	Wt. of flask	Wt. of flask + water (g)	Wt. of wet soil in flask (g)	Wt. of dry soil (g)	Wt. of flask + dry soil (g)	Wt. of flask + water + soil (g)
F5	171.52	670.18		99.9	271.42	736.88

Volume of Pycnometer (mL)	SpG	T (Celcius)
498.66	3.00903614	30.8