

ESIL

A REPORT ON THE APPLICATION OF
THE ESIL TECHNOLOGY TO
THE TREATMENT OF
HEAVY METALS

JANUARY 2, 1996

JANUARY 4, 1996

METALS TEST: (ICP): O.H.T.

DESCRIPTION:	#1 RAW.	#2 TRTD.	#3 FILT.	1-2% RED.	1-3% RED.
ALUMINUM	0.3700	0.1500	0.1400	59.4595%	62.1622%
ANTIMONY	0.0600	0.0600	0.0600	N/A	N/A
BARIIUM	0.0072	0.0066	0.0072	8.3333%	0%
BERYLLIUM	0.0017	0.0017	0.0017	N/A	N/A
BISMUTH	0.0830	0.0830	0.0830	N/A	N/A
BORON	15.0000	7.3700	5.6200	50.8666%	62.5333%
* CADMIUM	0.3390	0.0263	0.0039	92.2418%	98.8495%
CALCIUM	35.3000	30.1000	37.1000	14.7308%	-5.0992%
CHROMIUM	0.1220	0.0563	0.0416	53.8524%	65.9016%
COBALT	0.0037	0.0037	0.0037	N/A	N/A
* COPPER	0.6350	0.0480	0.0150	92.4409%	97.6378%
IRON	0.1080	0.8650	0.0540	-700.9259%	50.0000%
* LEAD	1.0300	0.1400	0.0240	86.4077%	97.6600%
MAGNESIUM	7.3200	5.7700	8.6300	21.1748%	-17.8961%
MANGANESE	0.0021	0.0300	0.0017	-1328.5714%	19.0476%
MOLYBDENUM	0.0059	0.0059	0.0059	N/A	N/A
* NICKEL	1.8400	0.1150	0.0300	93.7500%	98.3695%
PHOSPHOROUS	0.1100	0.1100	0.1100	N/A	N/A
POTASSIUM	2.1000	2.1000	2.1000	N/A	N/A
SILICON	0.4600	0.2000	0.3500	56.6217%	23.9130%
SILVER	0.0044	0.0044	0.0044	N/A	N/A
SODIUM	19.8000	18.4000	27.2000	7.0707%	-37.3737%
STRONTIUM	0.1130	0.0928	0.1370	17.8761%	-21.2389%
SULPHUR	8.7400	7.9300	10.1000	9.2677%	-15.5606%
THALLIUM	0.0710	0.0710	0.0710	N/A	N/A
TIN	0.0470	0.0470	0.0470	N/A	N/A
TITANIUM	0.0036	0.0036	0.0036	N/A	N/A
VANADIUM	0.0049	0.0049	0.0049	N/A	N/A
* ZINC	1.5900	0.0731	0.0058	95.4025%	99.6352%
* MERCURY	0.0900	0.0300	0.0002	66.6666%	99.7777%

* ADDED BY: O.H.T.