164581

Figure 7

Date Submitted 2/21/85 AAA

Mercury contaminated carbon

WASTE ANALYSIS

I. **ORGANIC ANALYSIS** (account for 100%) **CHEMICAL FORMULA**

METHOD USED GC ANALYSIS

ANALYSIS:

NO ORGANICS DETECTED

TRADE SECRETS

SOLID WT. %

II. **INORGANIC ANALYSIS**

METHOD USED

ANALYSIS:

III. **LEACHATE ANALYSIS** (EPA extraction procedure)

Metals		Metals	
Ag	0.00 PPM	Hg	0.001 PPM
As	0.024 PPM	Ni	0.09 PPM
Ba	0.03 PPM	Pb	0.01 PPM
Cd	0.00 PPM	Se	0.009 PPM
Cr	0.01 PPM	Zn	0.11 PPM
Cu	0.02 PPM	Be	0.00 PPM

Figure 7 (cont.)

MISC. PROPERTIES

V. PHYSICAL PROPERTIES (indicates literature value)

1. Appearance BLACK GRANULAR MATERIAL
2. Color BLACK
3. Odor NONE
4. Physical State @ 25°C % H_2O 36.7 % LOSS ON DRYNESS @ 105°C ± 5°C

   Gas ____ Liquid ____ Slurry ____ Granular ✓ Polymeric ____

   Solid ✓ Sludge ____ Paste ____ Crystal ____ Amorphous ____
5. Viscosity * ____ @70°F
6. Liquid Layering None ✓ Bilayer ____ Multilayer ____
7. Solid Waste Fire Hazard No Corrosive No Reactive No
8. Waste Material Organic ____ Inorganic ✓ Both ____
9. PH (10% Solution) 8.9 Percent Acidic/Alkali ____ as ____
10. Specific Gravity 0.670 grams/ml at 25°C
11. Flashpoint * ____ °F Method ____
12. Vapor Pressure (mm of Hg) * ____ at ____
13. Ash * ____
14. 1000 of BTU's/lb. * ____
15. Suspended Solids WT% * ____ Vol% ____
16. Total Dissolved Solids WT% * ____ Vol% ____
17. Halogentated WT% * ____
18. Melting Pt. * ____ Boiling Pt. * ____
19. Waste reactive with water No With air No
20. Waste radioactive, Explosive, pyrophoric, or Shock Sensitive No

VI. SPECIFIC ANALYSIS REQURED (PPM)

1. Total Cyanide (as Cn) ____
2. Sulfide (as S) ____
3. Phenol ____

* NOT APPLICABLE

TRADE SECRETS

Signature Ronald McCaterio

Lab Reference 3011148-52

IRID Outside Lab Reference Loc No. 02918-1

Date 3-21-85