WORLD RESOURCES COMPANY

Form FM-M01

RECYCLABLE MATERIAL PROFILE — EXHIBIT A

A. Generator Information: **Company I.D. Number: W2149A**

1. Generator: Alaskan Copper Works
2. Address: P. O. Box 3546, Seattle, WA 98124-3546
3. Contact: Mr. Gerald Thompson
   Title: Environmental Assistant
4. Material EPA Waste Code: F006
5. Generator's EPA I.D. Number: WAD980738546
6. Generator's State I.D. Number:

B. Recyclable Material Characteristics:

1. Color(s): Brown

2. Odor: [X] None [ ] Mild [ ] Strong
Description of Odor:

3. Moisture: [X] Wet [ ] Damp [ ] Dry
Percent Solids: 22.20

4. pH (EPA SW 846, Method 9040/9045)
pH: 6.89

5. Ignitability (40 CFR §261.21)
[X] Pass [ ] Fail

6. Texture similar to:
[X] Wet Clay
[ ] Dry Clay
[ ] Sand
[ ] Powder
[ ] Other

7. Appearance
[X] Homogeneous
[ ] Bilayered
[ ] Multilayered

8. Organic Vapors
[X] Not Present (<1 ppm) [ ] Present
If present, identify compounds and amount (ppm wet):
[X] Pass [ ] Fail

9. Free Liquids (EPA SW 846, Method 9095) **Present:** [X] No [ ] Yes

10. Debris Present [X] No [ ] Yes

11. Reactivity [X] Not Reactive [ ] Reactive

12. Radionuclides (ASTM D5928-96)
[X] Not Detected [ ] Detected

13. Cyanide Gas
HCN:
[X] Not Detected
[ ] Detected _____ ppm

C. Analytical Data: (Content on a dry weight basis in ppm or %)

Constituent *		Content	Constituent *		Content
1. Aluminum[1]	Al	5948 ppm	19. Magnesium[2]	Mg	3531 ppm
2. Antimony[1]	Sb	167 ppm	20. Manganese[1]	Mn	6582 ppm
3. Arsenic[1]	As	48.0 ppm	21. Mercury[3]	Hg	4.90 ppm
4. Barium[1]	Ba	< 8 ppm	22. Nickel[1]	Ni	59090 ppm
5. Beryllium[1]	Be	< 0.40 ppm	23. Selenium[1]	Se	< 25.0 ppm
6. Bismuth[1]	Bi	< 3 ppm	24. Silver[1]	Ag	< 3 ppm
7. Cadmium[1]	Cd	42.0 ppm	25. Thallium[4]	Tl	< 18.0 ppm
8. Calcium[1]	Ca	10530 ppm	26. Tin[1]	Sn	110 ppm
9. Chloride[7]	Cl^-	0.13 %	27. Zinc[1]	Zn	1717 ppm
10. Chromium, Hexavalent[5]	Cr^{+6}	3256.0 ppm			
11. Chromium, Total[1]	Cr	51090 ppm			
12. Cobalt[1]	Co	863 ppm			
13. Copper[1]	Cu	39400 ppm			
14. Cyanide, Amenable[6]	CN^-	0 ppm			
15. Cyanide, Total[6]	CN^-	0 ppm			
16. Fluoride[7]	F^-	0.66 %			
17. Iron[1]	Fe	303000 ppm			
18. Lead[1]	Pb	< 7 ppm			

*** Analytical Procedure References:**

1 EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2 EPA Method SW846 3050 / 7450 or 6010 (Digestion / Analysis)
3 EPA Method SW846 3050 / Hydride generation (Digestion / Analysis)
4 EPA Method SW846 3050 / 7840 or 6010 (Digestion / Analysis)
5 EPA Method SW846 1311 or 3060 / 7196 (Extraction / Analysis)
6 EPA Method SW846 9010 (Distillation / Analysis)
7 HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

D. Certification:

I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 12/15/2000

Title: Laboratory Manager

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