



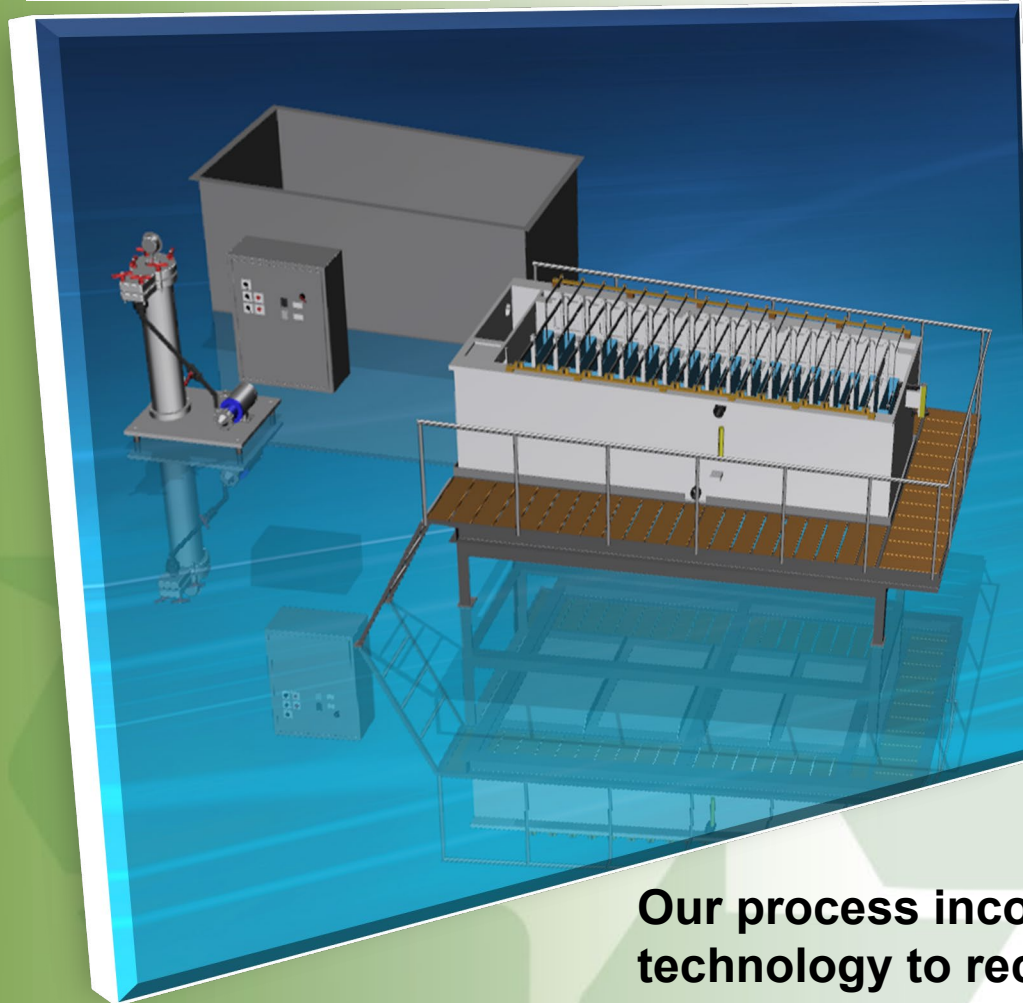
EW METALS

Introducing a new approach to recovering metal bearing process solutions

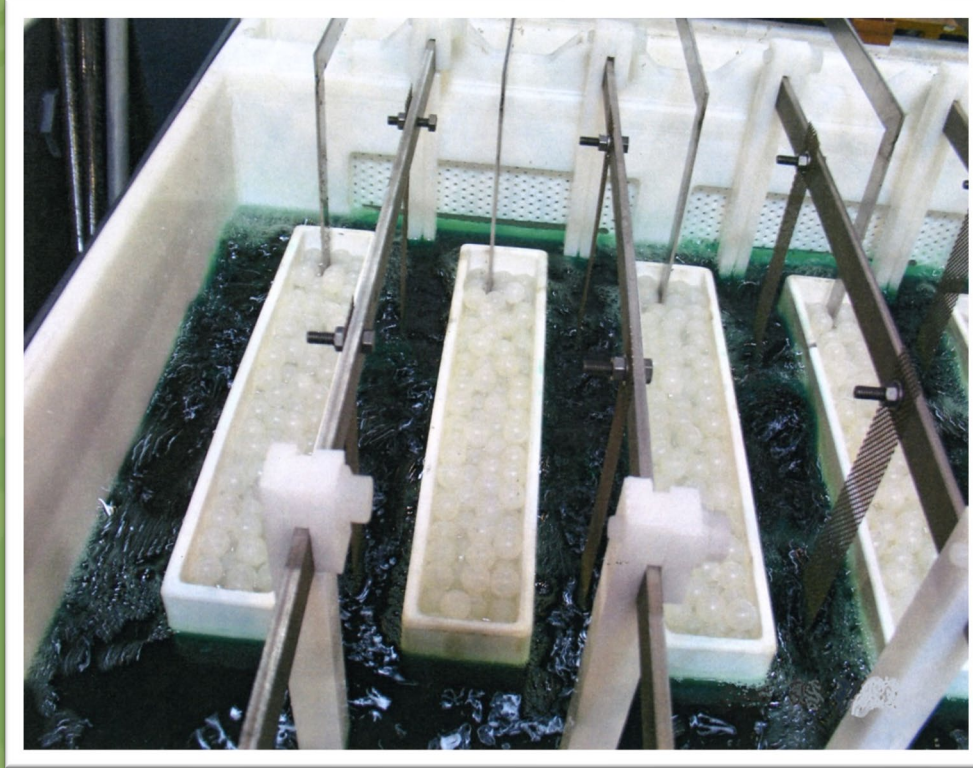


RECOVER & RE-USE

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Our process incorporates the best available technology to recover drag-out, spent or excess metal solutions.

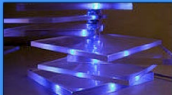


This proven technology utilizes simple electro-chemical principles for metal recovery


24
Cr
Chromium
47.867




27
Co
Cobalt
58.933




29
Cu
Copper
63.546




79
Au
Gold
196.967



82
Pb
Lead
207.2




28
Ni
Nickel
58.17




Periodic Table of the Elements

1	2																	10	11
3	4																	9	10
5	6																	7	8
13	14																	15	16
17	18																	19	20
21	22	23	24	25											26	27	28	29	30
31	32	33	34	35	36											37	38	39	40
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54				
55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70				
71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86				
87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102				
103	104	105	106	107	108	109	110	111	112	113									

* Lanthanide Series
+ Actinide Series


46
Pd
Palladium
106.42




Recover....

- Cobalt
- Copper
- Gold
- Nickel
- Palladium
- Platinum
- Rhodium
- Ruthenium
- Silver
- Zinc

78
Pt
Platinum
195.078




45
Rh
Rhodium
103




44
Ru
Ruthenium
101.07



47
Ag
Silver
107.868



30
Zn
Zinc
65.409

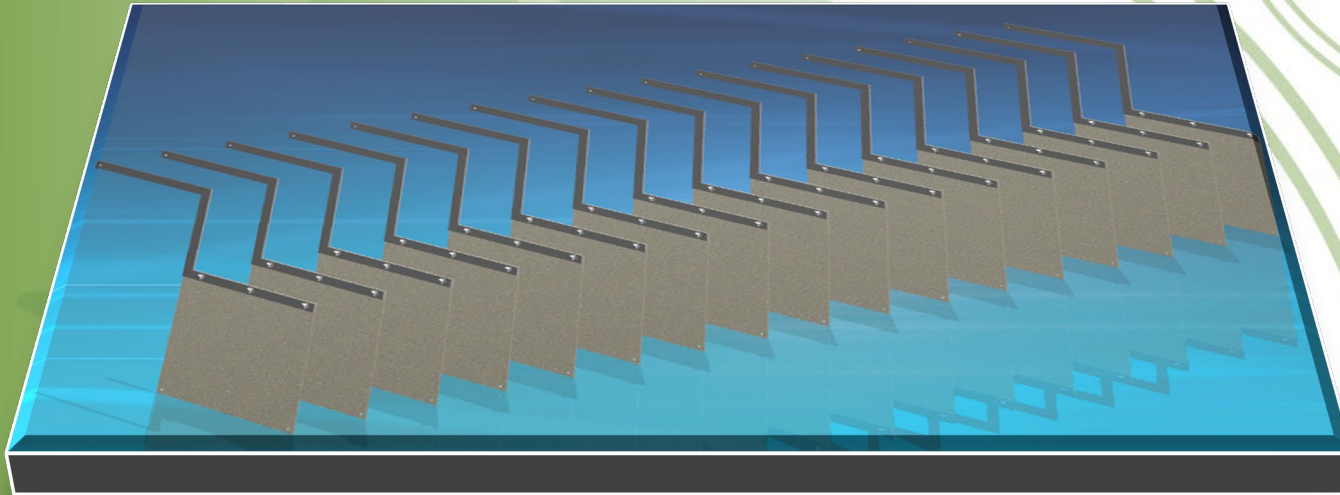




Precious Metals	Date and Time	Last (Bid)	Change due to Weakening of USD ⓘ	Change due to Normal Trading	Total Change
Gold	Jun 21, 2011 15:23	1546.00	+8.90 +0.58%	-3.40 -0.22%	+5.50 +0.36%
Silver	Jun 21, 2011 15:23	36.50	+0.21 +0.58%	+0.23 +0.64%	+0.44 +1.22%
Platinum	Jun 21, 2011 15:23	1745.00	+10.05 +0.58%	+1.95 +0.11%	+12.00 +0.69%
Palladium	Jun 21, 2011 15:21	766.00	+4.30 +0.58%	+16.70 +2.24%	+21.00 +2.82%

Base Metals	Date and Time	Last (Bid)	Change due to Weakening of USD ⓘ	Change due to Normal Trading	Total Change
Copper	Jun 21, 2011 14:01	4.1041	+0.0197 +0.48%	-0.0197 -0.48%	0.0000 0.00%
Nickel	Jun 21, 2011 14:01	10.0586	+0.0479 +0.48%	+0.0315 +0.32%	+0.0794 +0.80%
Aluminum	Jun 21, 2011 14:01	1.1279	+0.0054 +0.48%	-0.0061 -0.54%	-0.0007 -0.06%
Zinc	Jun 21, 2011 14:00	0.9935	+0.0048 +0.48%	-0.0055 -0.55%	-0.0007 -0.07%
Lead	Jun 21, 2011 14:01	1.1008	+0.0053 +0.48%	-0.0053 -0.48%	0.0000 0.00%

With worldwide metal prices at all time highs, this technology affords very quick payback opportunities

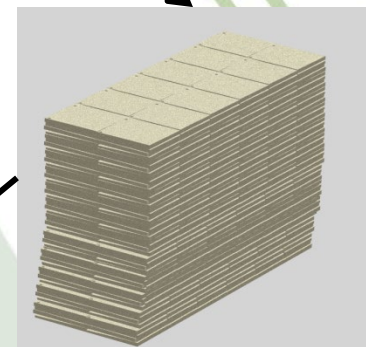


99.9% pure nickel cathodes are utilized for recovery of Nickel bearing solutions. Typical weights at harvest are up to 30 pounds per cathode.



Purity of Nickel

- Cathode purity from three separate lots have been certified by an independent laboratory to be 99.5% pure nickel.



Harvested Nickel cathodes can be sheared into various sizes to be inserted into the plating anode baskets



ECONOMICAL EVALUATION OF NICKEL RECOVERY AND RE-USE FROM RINSES AND / OR CONCENTRATED PLATING SOLUTIONS

ANNUAL REVENUE: July 2011

OPERATING CURRENT DENSITY		40
NUMBER OF CATHODES		5
HOURS OF OPERATION		24
DAYS OF OPERATION		300
TOTAL ANNUAL AMPERE HOURS		1440000
RECOVERY RATE IN GRAMS - PER AMPERE HOUR		1.1
POUNDS OF METAL RECOVERED		3488
LME VALUE OF NICKEL	\$	13.50
TOTAL VALUE OF METAL RECOVERED:	\$	47,100.00

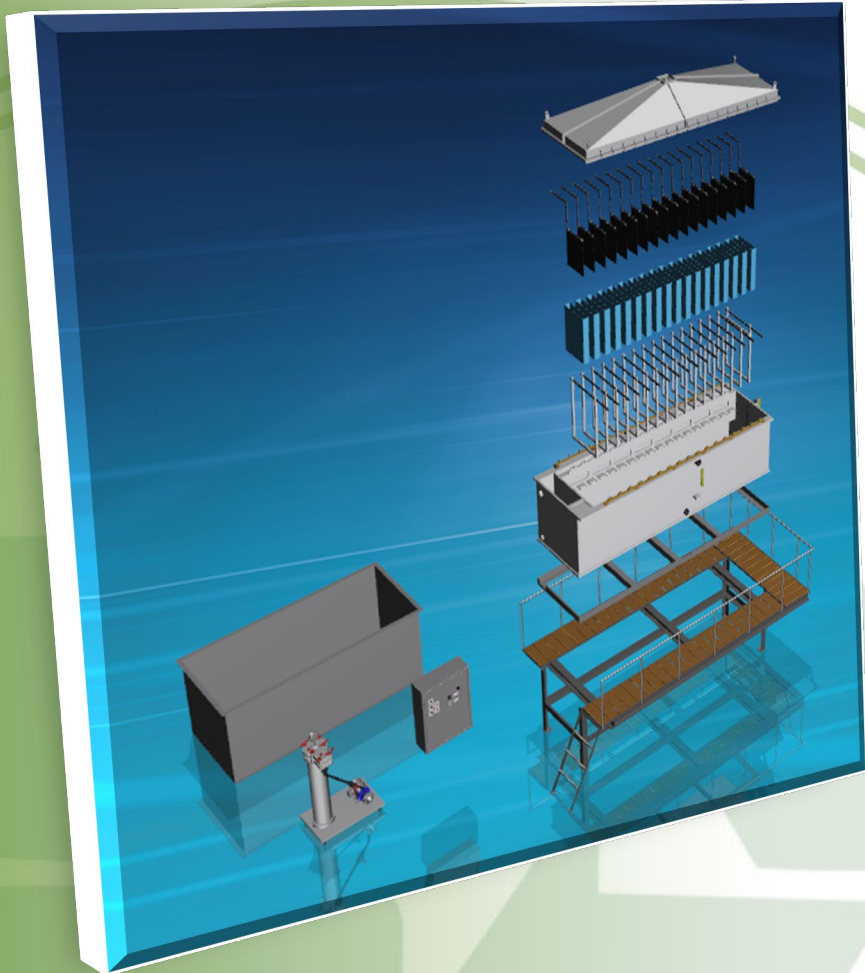


Savings to you...

- Significant reduction in waste treatment costs
- Reduction of metal purchases
- Increased profits

metals-rx

EW METALS



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LLC

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