

Jameson Cell installations



Company	Operation	Country	Cell Size	No.	Date	Flow m ³ /h	Industry	Application	
South32	Hermosa	USA	B6500/24	2	2024	1380	Lead	Rougher & Scavenger	Jameson Concentrator
South32	Hermosa	USA	B6500/24	2	2024	1590	Zinc	Rougher & Scavenger	
South32	Hermosa	USA	E3432/8	3	2024	200	Lead	Cleaner Scalper, Cleaner & Scavenger	
South32	Hermosa	USA	B4500/12	3	2024	150	Zinc	Cleaner Scalper, Cleaner & Scavenger	
Rosh Pinah	Rosh Pinah	Namibia	E2532/6	1	2024	181	Zinc	Cleaner Scalper	
Skeena Resources	Eskay Creek	Canada	E4232/10	1	2024	440	Gold/Silver	Cleaner	
Skeena Resources	Eskay Creek	Canada	E3432/8	1	2024	135	Gold/Silver	Cleaner	
Foran	McIlvenna Bay	Canada	E4232/10	1	2024	535	Copper/Zinc	Rougher	
BHP	Olympic Dam	Australia	B6500/24	1	2024	640	Copper/Gold	Cleaner Scalper	
Antofagasta Minerals	Centinela Desarrollo	Chile	Z1200/1	1	2024	23	Moly	Cleaner	
Lundin Gold	Fruta del Norte	Ecuador	B5400/18	1	2024	550	Gold	Rougher Scalper	
Lundin Gold	Fruta del Norte	Ecuador	B5400/18	1	2024	920	Gold	Rougher Tail	
Lundin Gold	Fruta del Norte	Ecuador	B4500/12	1	2024	590	Gold	Cleaner Scalper	
Northern Star	KCGM	Australia	B6500/24	1	2023	460	Gold	Cleaner	
Northern Star	KCGM	Australia	B6500/24	1	2023	460	Gold	Cleaner Scavenger	
Origin Mining	Mineral Park	USA	B4500/12	1	2023	515	Copper	Cleaner Scalper	
Kestrel Coal	Kestrel Mine	Australia	B6000/20	1	2023	1370	Coal	Cleaner	
Anglo American Platinum	Mogalakwena	South Africa	B5400/18	1	2023	750	PGM	Cleaner Scalper	
Anglo American Platinum	Mogalakwena	South Africa	B5400/18	2	2023	860	PGM	Cleaner Scavengers	
Anglo American Platinum	Mogalakwena	South Africa	B4500/12	1	2023	240	PGM	Re-Cleaner	
OZ Minerals	Carrapateena	Australia	E2532/6	1	2023	370	Copper	Rougher	
OZ Minerals	Carrapateena	Australia	E2532/6	1	2023	340	Copper	Rougher Scavenger	
OZ Minerals	Carrapateena	Australia	E1714/2	1	2023	35	Copper	Cleaner	
OZ Minerals	Carrapateena	Australia	E1714/2	1	2023	35	Copper	Cleaner Scavenger	
Kazzinc	Zhaimem	Kazakhstan	E2532/6	2	2023	450	Lead/Zinc	Cleaner and Scavenger Circuit	
Kazzinc	Zhaimem	Kazakhstan	E3432/8	2	2023	190	Lead/Zinc	Cleaner and Scavenger Circuit	
Kazzinc	Zhaimem	Kazakhstan	B4500/12	1	2023	300	Lead/Zinc	Cleaner and Scavenger Circuit	
Kazzinc	Zhaimem	Kazakhstan	Z1200/1	1	2023	20	Lead/Zinc	Cleaner and Scavenger Circuit	
Adriatic Metals	Vares	Bosnia & Herzegovina	E1732/4	1	2023	90	Lead/Zinc	Silver-Lead Cleaner	
Adriatic Metals	Vares	Bosnia & Herzegovina	E1732/4	1	2023	105	Lead/Zinc	Zinc Cleaner	
OZ Minerals	Prominent Hill	Australia	B8500/12	1	2023	1863	Copper	Rougher Scalper	
Glencore	Hail Creek	Australia	B6000/20	2	2023	1840	Coal	Scavangers	

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Kamoa Copper	Kamoa/Kakula	DRC	B5400/18	3	2023	430	Copper	Cleaner Circuit	
Ero Copper	Boa Esperanca	Brazil	E3432/8	1	2022	160	Copper	Recleaner	
Ero Copper	Boa Esperanca	Brazil	E4232/10	1	2022	510	Copper	Cleaner Scalper	
MMG	Kinsevere	DRC	E3432/8	1	2022	430	Copper	Sulphide Cleaner	
MMG	Kinsevere	DRC	E3432/8	1	2022	530	Copper	Oxide Cleaner	
MMG	Kinsevere	DRC	X5000/10	1	2022	680	Copper	SX-EW Electrolyte	
OZ Minerals	West Musgrave	Australia	B4500/12	2	2022	440	Copper/Nickel	Cleaner & Recleaner	
OZ Minerals	West Musgrave	Australia	B5400/18	2	2022	1700	Copper/Nickel	Cleaner Scalpers	
OZ Minerals	West Musgrave	Australia	B5400/18	2	2022	570	Copper/Nickel	Rougher & Scavenger	
Aeris Resources	Tritton	Australia	E2514/3	1	2022	100	Copper/Gold	Cleaner Scapler	
First Quantum Minerals	Enterprise Plant Restart	Zambia	B4500/12	1	2022	250	Nickel	Rougher Scalper	
Ivanhoe	Platreef	South Africa	Z1200/1	1	2022	25	Platinum	Final Cleaner	
Ivanhoe	Platreef	South Africa	E1714/2	2	2022	120	Platinum	Cleaner & Recleaner	
KAZ Minerals	Bozshakol	Kazakhstan	B6500/24	1	2022	750	Copper	Scalper	
Ero Copper	Caraiba	Brazil	B6500/24	1	2022	1900	Copper	Rougher	
C.I. Milpa S.A	Milpa	Columbia	B4500/12	1	2022	1089	Coal	Rougher	
C.I. Milpa S.A	Milpa	Columbia	B6500/24	2	2022	1600	Coal	Rougher	
Ok Tedi Mining	Ok Tedi	Papua New Guinea	B5400/18	2	2021	600	Copper	Cleaner	
Ok Tedi Mining	Ok Tedi	Papua New Guinea	B4500/12	2	2021	190	Copper	Recleaner	
HudBay Resources	Stall	Canada	E3432/8	1	2021	200	Copper	Rougher	
HudBay Resources	Stall	Canada	E1732/4	1	2021	30	Copper	Cleaner	
HudBay Resources	Stall	Canada	E3432/8	1	2021	200	Zinc	Rougher	
HudBay Resources	Stall	Canada	E2532/6	1	2021	150	Zinc	Cleaner	
HudBay Resources	Stall	Canada	Z1200/1	1	2021	10	Copper	Talc Recleaner	
Antofagasta Minerals	Centinela	Chile	Z1200/1	1	2021	13	Moly	Cleaner	
Antofagasta Minerals	Centinela	Chile	B5400/18	2	2021	647	Copper	Cleaner	
Penoles	Sabinas	Mexico	Z1200/1	1	2021	44	Lead	Cleaner	
ICL Global	Suria	Spain	E2532/6	3	2021	255	Potash	Potash Fines	
ICL Global	Suria	Spain	E2532/6	1	2021	340	Potash	Scavenger	
Ozernoye	Ozernoye	Russia	B8500/12	5	2021	2500	Zinc	Rougher & Scavengers	Jameson Concentrator
Ozernoye	Ozernoye	Russia	B6500/24	6	2021	1500	Zinc	PreCleaner & Scavenger	

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Ozernoye	Ozernoye	Russia	B6500/24	3	2021	1000	Zinc	Scalper & Recleaners	
Ozernoye	Ozernoye	Russia	B8500/12	2	2021	2500	Lead	Rougher & Scavenger	
Ozernoye	Ozernoye	Russia	B6500/24	2	2021	780	Lead	Cleaner & Scavenger	
Ozernoye	Ozernoye	Russia	B4500/12	1	2021	360	Lead	Recleaner	
Skaland Graphite AS	Skaland	Norway	Z1200/1	2	2021	20	Graphite	Cleaners	
Polyus	ZIF #5	Russia	B6500/24	4	2020	2000	Gold	Rougher Scalper	
Kamoa Copper	Kamoa/Kakula	DRC	E4232/10	1	2020	500	Copper	Coarse Cleaner	
Kamoa Copper	Kamoa/Kakula	DRC	B4500/12	1	2020	600	Copper	Scavenger Recleaner	
Newcrest	Cadia	Australia	Z8500/12	1	2020	2800	Copper/Gold	Rougher Scalper /Rougher	
Newcrest	Cadia	Australia	E4232/10	1	2020	490	Copper/Gold	Cleaner	
Jellinbah Group	Jellinbah Mine	Australia	B6000/20	1	2020	1700	Coal	Scavenger	
EMR Capital	Golden Grove	Australia	E3234/8	1	2020	160	Gold	Cleaner	
HudBay Resources	New Britannia	Canada	E1732/4	2	2020	150	Copper	Rougher	Jameson Concentrator
HudBay Resources	New Britannia	Canada	E1732/4	1	2020	150	Copper	Scavenger	
HudBay Resources	New Britannia	Canada	Z1200/1	1	2020	30	Copper	Cleaner	
Salt Lake Potash Ltd	Lake Way	Australia	B5400/18	1	2020	1200	Potash	Rougher	
Salt Lake Potash Ltd	Lake Way	Australia	B5400/18	1	2020	1200	Potash	Scavenger	
Northern Star Resources	Pogo	USA	E3234/8	1	2019	300	Gold	Rougher	
Newcrest	Cadia	Australia	Z1200/1	2	2019	20	Molybdenum	Cleaners	
Newcrest	Cadia	Australia	E2532/6	1	2019	100	Molybdenum	Rougher	
OZ Minerals	Carrapateena	Australia	E2532/6	1	2019	100	Copper	Final Cleaner	
Polyus	ZIF #2	Russia	B6500/24	1	2019	1800	Gold	Rougher Scalper	
Polyus	ZIF #2	Russia	E3234/8	1	2019	300	Gold	Cleaner	
Chifeng LXML	Sepon	Laos	E4232/10	1	2019	400	Gold	Cleaner Scalper	
Chifeng LXML	Sepon	Laos	E4232/10	1	2019	400	Gold	Prefloat	
Chifeng LXML	Sepon	Laos	E4232/10	1	2019	400	Gold	Rougher	
Kamoa Copper	Kamoa/Kakula	DRC	E4232/10	1	2019	500	Copper	Coarse Cleaner	
Kamoa Copper	Kamoa/Kakula	DRC	B4500/12	1	2019	600	Copper	Scavenger Recleaner	
Glencore	Mount Isa	Australia	E2514/3	1	2019	150	Copper	Cleaner	
Khoemacau Copper Mining	Khoemacau	Botswana	E4232/10	2	2019	250	Copper	Preferred Cleaner Circuit	
Aurelia Metals	Peak Gold Mines	Australia	E1732/4	4	2018	150	Lead/Zinc	Preferred Cleaner Circuits	

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Polyus	ZIF #3	Russia	B6500/24	2	2018	2000	Gold	Rougher Scalper
Polyus	ZIF #1	Russia	E3234/8	1	2018	200	Gold	Cleaner
Penoles	Saucito	Mexico	E2514/3	2	2018	150	Lead/Zinc	Cleaner Scalpers
Mopani Copper Mines	Synclinorium	Zambia	E4232/10	2	2018	400	Copper	Cleaner Scalper /Recleaner
Polyus	ZIF #4	Russia	B6500/24	1	2018	1200	Gold	Cleaner
OZ Minerals	Carrapateena	Australia	E4232/10	1	2017	350	Copper	Cleaner Scalper
Marcobre	Mina Justa	Peru	E4232/10	1	2017	250	Copper	Cleaner Scalper
Teck	Red Dog	USA	E4232/10	1	2017	275	Lead/Zinc	Cleaner Scalper
First Quantum	Cobre Panama	Panama	B4500/12	2	2017	500	Copper	Final Cleaner
Anglo/Glencore	Collahuasi	Chile	B6500/24	2	2016	1000	Copper/ Molybdenum	Cleaner
First Quantum	Kansanshi	Zambia	B5400/18	1	2016	300	Copper	Cleaner Scalper
First Quantum	Kansanshi	Zambia	E4232/10	1	2016	240	Copper	Final Cleaner
First Quantum	Sentinel	Zambia	B6500/24	1	2016	1000	Copper	Final Cleaner
Newcrest	Cadia Con 1 T3	Australia	E2532/6	1	2016	70	Copper	Final Cleaner
Newcrest	Cadia Con 1 T3	Australia	B5400/18	1	2016	600	Copper	Cleaner Scalper
Newcrest	Cadia Con 2	Australia	E3432/8	1	2015	225	Copper	Final Cleaner
Glencore	McArthur River	Australia	B5400/18	2	2015	1240	Zinc	Cleaner Scalper
Glencore	KCC	DRC	B5400/18	2	2014	1100	Copper	Final Cleaner
Newcrest	Cadia Con 1 T2/T3	Australia	B6500/24	1	2014	1000	Copper	Cleaner Scalper
OZ Minerals	Prominent Hill	Australia	E3432/8	1	2014	100	Copper	Final Cleaner
Glencore	Mt Isa	Australia	B5400/18	2	2014	600	Copper	Cleaner
Swakop Uranium P/L	Husab	Namibia	X1500/1	1	2013	210	Uranium	SXEW Raffinate
Glencore	Mt Isa	Australia	B5400/18	1	2013	500	Copper	Cleaner Scalper
Hillgrove Mines Pty Ltd	Hillgrove	Australia	Z1200/1	1	2013	10	Antimony/gold	Cleaner
Hillgrove Mines Pty Ltd	Hillgrove	Australia	Z1200/1	1	2013	20	Antimony/gold	Cleaner
Cobar Management P/L	CSA Mine	Australia	E4232/10	1	2013	300	Copper	Cleaner Scalper
MMG	Century	Australia	E4232/10	1	2013	400	Lead/Zinc	Cleaner
Anglo American (AAMC)	Grosvenor	Australia	B6500/24	2	2012	*	Coal	Rougher
Syncrude	Base Plant	Canada	8 x 500mm downcomers	3	2012	*	Oil sands	Bitumen Middlings
Arcelor Mittal	Vostochnaya	Kazakhstan	J6500/24	2	2012	1500	Coal	Coal Fines
Xstrata Coal	Bulga	Australia	E2532/6	1	2012	250	Coal	Coal Fines

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HudBay Minerals	Constancia	Peru	Z1200/1	1	2012	20	Copper	Molybdenum
HudBay Minerals	Constancia	Peru	E2514/3	1	2012	150	Copper	Molybdenum
Peabody Energy	Codrilla	Australia	B5000/16	2	2011	630	Coal	Coal Fines
MMG	Dugald River	Australia	E2532/6	2	2011	150	Lead/Zinc	Cleaner
MMG	Dugald River	Australia	B5400/18	1	2011	320	Lead/Zinc	Carbon Prefloat Cleaner
Macarthur Coal	Middlemount	Australia	B5000/16	1	2011	660	Coal	Coal Fines
Energy Resources LLC	UHG Mongolia - Stage 3	Mongolia	B6000/20	2	2011	2400	Coal	Coal Fines
Cobar Management Pty Ltd	CSA Mine	Australia	E1732/4	1	2011	190	Copper	Cleaner
Lake Vermont Coal Resources Pty Ltd	Lake Vermont Expansion	Australia	B6000/20	2	2011	2200	Coal	Coal Fines
Newcrest Mining Limited	Telfer	Australia	E3432/8	2	2011	700	Copper	Cleaner Scalper
Rio Tinto Coal Australia	Kestrel Mine Extension	Australia	B6000/20	3	2011	3100	Coal	Coal Fines
Anglo American (AAMC)	Capcoal Lake Lindsay	Australia	B6500/24	1	2010	*	Coal	Coal Fines
*	*	Canada	E2532/6	2	2010	*	Potash	Cleaner
Kazakhmys	Kazakhmys Group Concentrators	Kazakhstan	J500/1	1	2010	6	Copper/ Zinc	Rougher / Cleaner Scalper
Xstrata Copper	Collahuasi	Chile	J5000/10	1	2010	1320	Copper	SX-EW Raffinate
Gloucester Coal Ltd	Stratford Expansion	Australia	B5000/16	1	2010	*	Coal	Coal Fines
Energy Resources LLC	UHG Mongolia - Stage 2	Mongolia	B6000/20	2	2010	2400	Coal	Coal Fines
Equinox Minerals	Lumwana	Zambia	B5400/18	1	2010	930	Copper	Cleaner scalper
PanAust	Phu Kham	Laos	B6500/24	1	2010	970	Copper	Cleaner scalper
Wesfarmers	Curragh	Australia	B6000/20	6	2010	3750	Coal	Coal Fines
Riversdale Mining	Benga	Mozambique	B6000/20	2	2010	2200	Coal	Coal Fines
Energy Resources LLC	UHG Mongolia - Stage 1	Mongolia	B6000/20	2	2009	2400	Coal	Coal Fines
Barberton Mines	Sheba	South Africa	Z1200/1	2	2009	100	Gold	Cleaner
Moolarben Coal Operations Pty Ltd	Moolarben	Australia	B6000/20	4	2009	2800	Coal	Coal Fines
Xstrata Nickel	Cosmos	Australia	Z1600/1	1	2008	60	Nickel	Rougher
Vale Inco	Clarabelle Mill	Canada	Z1600/1	1	2008	60	Copper	Cleaner Scalper

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Rio Tinto	Kennecott Utah Copper	USA	X1080/1	1	2008	30	Copper	SX-EW Electrolyte
Syncrude	Base Plant	Canada	8 x 500mm downcomers	1	2008	*	Oil sands	Bitumen Middlings
Vale	Carborough Downs Expansion	Australia	B6000/20	1	2008	1000	Coal	Coal Fines
Felix Resources	Yarrabee	Australia	B5000/16	2	2008	1700	Coal	Coal Fines
Lake Vermont Coal Resources Pty Ltd	Lake Vermont	Australia	B6000/20	2	2007	2200	Coal	Coal Fines
OZ Minerals	Prominent Hill	Australia	B5400/18	1	2007	710	Copper	Cleaner Scalper
Shell Canada Energy	Albian Sands	Canada	J1500/1	3	2007	*	Oil sands	Bitumen
Macarthur Coal	Middlemount	Australia	B5000/16	1	2007	680	Coal	Coal Fines
Macarthur Coal	Moorvale Upgrade	Australia	B5000/16	1	2007	680	Coal	Coal Fines
Teck Cominco	Red Dog	USA	B5400/18	1	2006	440	Lead/Zinc	Carbon Prefloat Cleaner
Consolidated Murchison	Gravelotte (Palabora)	South Africa	E2532/6	1	2006	240	Antimony/ Gold	Rougher Scalper
N.M. Heilig BV	EMO Rotterdam	The Netherlands	J4500/12	1	2006	350	Coal	Coal/Iron
Shanxi Fenxi Coal Mine Group	Xin Yang	China	J6500/24	2	2006	*	Coal	Coal Fines
AMCI	Camberwell	Australia	B6000/20	2	2005	2040	Coal	Coal Fines
AMCI	Carborough and Isaac Creek	Australia	B6000/20	2	2005	1700	Coal	Coal Fines
Jellinbah Resources	Jellinbah	Australia	B6000/20	1	2005	1200	Coal	Coal fines
Xstrata Coal	Newlands Coal	Australia	B6000/20	4	2005	4400	Coal	Coal Fines
Shanxi Fenxi Coal Mine Group	Shuyui	China	J4500/12	2	2005	*	Coal	Coal Fines
Rio Tinto	Hail Creek	Australia	B6000/20	3	2005	2700	Coal	Coal Fines
Foxleigh Mining	Foxleigh	Australia	B6000/20	2	2005	2400	Coal	Coal Fines
Zinifex	Century Mine	Australia	B6500/22	1	2005	800	Lead/Zinc	Carbon Prefloat Cleaner
Jiaozuo Coal Mine Group	Jiaozuo	China	J4500/12	1	2004	125	Coal	Coal Fines
Jiaozuo Coal Mine Group	Jiaozuo	China	J5000/16	1	2004	925	Coal	Coal Fines
Shanxi Fenxi Coal Mine Group	Shuguang	China	J4500/12	1	2004	760	Coal	Coal Fines

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Jixi Coal Mine Group	Pinggang	China	J5000/16	1	2004	1090	Coal	Coal Fines
Fengfeng Group Co. Ltd	Matou	China	J5000/16	2	2004	1700	Coal	Coal Fines
MBS	Demonstration plant	Bulgaria	E0606/1	1	2004	30	Copper	SX-EW Electrolyte
Lang Xang Minerals Limited	Sepon Copper Project	Laos	E2514/3	2	2003	60	Copper	Cleaner
Shanxi Fenxi Coal Mine Group	Liuwan Coal Mine	China	J5000/16	1	2003	830	Coal	Coal Fines
Macarthur Coal	Moorvale	Australia	B5000/16	1	2003	860	Coal	Coal Fines
Western Mining Corp	Olympic Dam	Australia	J7250/10	1	2002	3000	Copper	SX-EW Raffinate
Avgold	Fairview	South Africa	Z1100/1	1	2002	40	Gold	Pyrite Gold
Rio Tinto	Hail Creek	Australia	B6000/20	3	2002	2640	Coal	Coal Fines
Big Ben Holdings	Bloomfield	Australia	J5000/16	1	2002	1200	Coal	Coal Fines
First Quantum Minerals	Bwana Mkubwa	Zambia	R3250/6	1	2002	300	Copper	SX-EW Electrolyte
Big Ben Holdings	Rix's Creek	Australia	J5000/16	1	2002	1200	Coal	Coal Fines
Wesfarmers	Curragh	Australia	J5400/18	6	2001	4400	Coal	Coal Fines
Mount Isa Mines	Copper Concentrator	Australia	E2532/6	1	2001	255	Copper	Slag Cleaner
Mount Isa Mines	Copper Concentrator	Australia	E2514/3	1	2001	140	Copper	Talc Prefloat Cleaner
Israel Chemicals Ltd	Dead Sea Works	Israel	J1250/1	1	2001	60	Potash	Cleaner
Australian Premium Coal	Coppabella	Australia	B5000/16	2	2001	1600	Coal	Coal Fines
Mount Isa Mines	Oaky Creek Coal	Australia	B6500/24	1	2000	1500	Coal	Coal Fines
Mexicana	Cananea ESDE II	Mexico	Z3300/6	1	2000	350	Copper	SX-EW Electrolyte
Mexicana	Cananea ESDE II	Mexico	J7250/10	1	2000	2800	Copper	SX-EW Raffinate
Glencore	Yauliyacu	Peru	E1732/4	1	2000	250	Lead/Zinc	Scavenger
Warkworth Mining Limited	Warkworth	Australia	J5000/16	4	1999	2500	Coal	Coal Fines
The Daniels Co.	Sugar Camp (Black Beauty)	USA	J5000/16	1	1999	*	Coal	Coal Fines
Ohio Valley Coal	Pleasant Ridge	USA	J5000/16	1	1999	*	Coal	Coal Fines
Ohio Valley Coal	Ginger Hill	USA	J5000/16	1	1999	*	Coal	Coal Fines
Mount Isa Mines	Lead/Zinc Concentrator	Australia	E1732/4	1	1999	140	Lead/Zinc	Lead Cleaner Scalper

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Gibralter	Gibraltar Fine Coal Plant	USA	J5000/16	1	1999	*	Coal	Coal Fines
Carbontronics	Lynnville	USA	J5000/16	1	1999	*	Coal	Coal Fines
Vigo Coal	Columbia	USA	J5000/16	1	1998	900	Coal	Coal Fines
Sedgman	Pawnee	USA	J5000/16	1	1998	1000	Coal	Coal Fines
Rustenberg Platinum	Waterval	South Africa	J1600/3	1	1998	*	Platinum	Cleaner
R & P	Keystone	USA	J5000/16	1	1998	1200	Coal	Coal Fines
Portman Mining	Burton Downs	Australia	J5000/14	2	1998	1600	Coal	Coal Fines
Mount Isa Mines	Oaky Creek Coal	Australia	R5230/12	6	1998 / 2006 [^]	3000	Coal	Coal Fines
Minera Maria	Mariquita	Mexico	Z3300/6	1	1998	300	Copper	SX-EW Electrolyte
Kasese Cobalt Company	Kasese	Uganda	R1315/1	3	1998	*	Cobalt	SX-EW Electrolyte
Rustenburg Platinum	Amandelbult	South Africa	J1200/1	1	1998	*	Platinum	Cleaner
A T Massey	Marfork	USA	J5000/16	4	1998	2000	Coal	Coal Fines
Western Mining Corp	Olympic Dam	Australia	I2420/4	1	1997	200	Copper	SX-EW Electrolyte
Western Mining Corp	Bwana Mkubwa	Zambia	J1600/3	1	1997	125	Copper	SX-EW Electrolyte
Solmil		Bolivia	E1708/2	1	1997	30	Zinc	Rougher
Rio Tinto	Renco	Zimbabwe	J650/1	1	1997	*	Gold	Cleaner
PASAR	Smelter	Philippines	J600/1	1	1997	15	Copper Slag	Cleaner
Ok Tedi Mining Ltd	Talc Flotation	Papua New Guinea	J1750/3	2	1997	*	Copper	Talc Reverse Float Cleaner
Ok Tedi Mining Ltd	Talc Flotation	Papua New Guinea	E2534/6	2	1997	*	Copper	Talc Reverse Float Rougher
Murrin Murrin Operations	Murrin Murrin	Australia	J350/1	1	1997	*	Cobalt	SX-EW Electrolyte
Murrin Murrin Operations	Murrin Murrin	Australia	J1250/1	1	1997	*	Zinc	SX-EW Raffinate
Murrin Murrin Operations	Murrin Murrin	Australia	J1250/1	1	1997	*	Cobalt	SX-EW Raffinate
Moranbah North Coal	Moranbah North	Australia	J5000/10	6	1997/ 2012 [^]	2740	Coal	Coal Fines
Kenmare	Ancuabe	Mozambique	J2250/4	1	1997	*	Graphite	Graphite
Coal Operations Australia Limited	Catherine Hill Bay	Australia	J5000/14	1	1997	900	Coal	Coal Fines
CIM Resources	Stratford	Australia	J5000/16	2	1997 / 2007 [^]	1200	Coal	Coal Fines

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Bulong Nickel	Bulong	Australia	J600/1	1	1997	15	Cobalt	SX-EW Electrolyte	
Bulong Nickel	Bulong	Australia	R3520/8	1	1997	400	Cobalt	SX-EW Raffinate	
Steel Auth India	Chasnalla	India	R3015/6	1	1996	150	Coal	Coal Fines	
Sanyati	Sanyati	Zimbabwe	J750/1	1	1996	30	Copper	SX-EW Raffinate	
Queensland Nickel	Yabulu Refinery	Australia	I1513/1	1	1996	60	Nickel	SX-EW Electrolyte	
Portman Mining	Burton Downs	Australia	J5000/14	2	1996	1600	Coal	Coal Fines	
Namib Lead	Zinc Plant	Namibia	J520/1	1	1996	*	Zinc	Third Cleaner	
Namib Lead	Zinc Plant	Namibia	J800/1	1	1996	*	Zinc	Recleaner	
Namib Lead	Zinc Plant	Namibia	J1000/1	1	1996	*	Zinc	Cleaner	
Namib Lead	Zinc Plant	Namibia	J2250/4	1	1996	*	Zinc	Rougher	
Minera Alumbrera	Bajo de la Alumbrera	Argentina	R5230/12	4	1996	1100	Copper	Cleaner Scavenger	
Minera Alumbrera	Bajo de la Alumbrera	Argentina	R5245/12	2	1996	1100	Copper	Recleaner	
Minera Alumbrera	Bajo de la Alumbrera	Argentina	R5230/12	8	1996 / 2009 [^]	1100	Copper	Cleaner	
Mexicana	Cananea ESDE I	Mexico	J6500/20	1	1996	2000	Copper	SX-EW Raffinate	
BHP Hartley Platinum	Hartley	Zimbabwe	J500/1	1	1996	10	Platinum	SX-EW Raffinate	
BMA	Riverside	Australia	J5000/14	5	1996	3250	Coal	Coal Fines	
ATCOM	Witbank	South Africa	J5000/8	2	1996	880	Coal	Coal Fines	
Amalg Syndicate	Eloise	Australia	J1250/2	1	1996	80	Copper	Cleaner	
Western Mining Corp	Olympic Dam	Australia	R3520/8	2	1995	920	Copper	SX-EW Raffinate	
Springlake Colliery	Dundee	South Africa	J2000/4	1	1995	240	Coal	Coal Fines	
Rustenberg Platinum	Waterval	South Africa	J1600/3	1	1995	180	Platinum	PGM Recleaner	
Rustenberg Platinum	Frank	South Africa	J1750/3	1	1995	180	Platinum	PGM Cleaner	
Rio Tinto	Kestrel (formally Gordonstone)	Australia	J5000/10	2	1995	840	Coal	Coal fines	
Philex Mining Corp	Philex Mine	Philippines	R3330/8	6	1995	3400	Copper/Gold	Scavenger	Jameson Concentrator
Philex Mining Corp	Philex Mine	Philippines	R3330/8	6	1995	3400	Copper/Gold	Rougher	
Philex Mining Corp	Philex Mine	Philippines	J4000/16	1	1995	480	Copper/Gold	Cleaner / Scavenger	
Philex Mining Corp	Philex Mine	Philippines	J1750/3	1	1995	90	Copper/Gold	Re-Cleaner	
Phelps Dodge	Morenci	USA	J6500/18	1	1995	1200	Copper	SX-EW Electrolyte	
Mexicana	Cananea ESDE I	Mexico	J5000/16	1	1995	1000	Copper	SX-EW Raffinate	
Compania Min. del Sur	Bolivor	Bolivia	R1818/4	1	1995	120	Zinc	Scavenger	

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BMA	Riverside	Australia	J5000/14	1	1995 / 2011 [^]	650	Coal	Coal fines
Western Mining Corp	Olympic Dam	Australia	J2000/3	1	1994	180	Copper	Cleaner
Phelps Dodge	Tyrone	USA	J6500/24	4	1994	1440	Copper	SX-EW Raffinate
PASAR	Smelter	Philippines	I1007/2	1	1994	120	Copper Slag	Scavenger
North Ltd	Northparkes	Australia	J1000/1	1	1994	30	Copper	Cleaner
North Ltd	Northparkes	Australia	J1500/3	1	1994	90	Copper	Cleaner
North Ltd	Northparkes	Australia	J2250/6	1	1994	360	Copper	Cleaner
North Ltd	Northparkes	Australia	J2750/8	1	1994	480	Copper	Cleaner
NICICO	Sar Cheshmeh	Iran	R1513/2	1	1994	120	Copper	SX-EW Electrolyte
Minpro Ltd	Wollondilly	Australia	J3000/10	1	1994	600	Coal	Coal Fines
Minera Nor Peru	Quiruvilca	Peru	J1250/1	1	1994	35	Zinc	Cleaner
Mexicana	La Caridad	Mexico	J3250/4	2	1994	250	Copper	SX-EW Electrolyte
Mexicana	Cananea	Mexico	F2500/4	1	1994	240	Copper	SX-EW Electrolyte
Maricalum Mining	Sipalay	Philippines	J1750/3	1	1994	180	Copper	Recleaner
Maricalum Mining	Sipalay	Philippines	J2500/3	1	1994	180	Copper	Cleaner
Maricalum Mining	Sipalay	Philippines	J3000/6	1	1994	360	Copper	Cleaner Scavenger
Maricalum Mining	Sipalay	Philippines	R3330/8	2	1994	960	Copper	Scavenger
Maricalum Mining	Sipalay	Philippines	R3330/8	4	1994	960	Copper	Rougher
Kenmare	Ancuabe	Mozambique	J800/1	1	1994	*	Graphite	Cleaner
Cons. Murchison	Gravelotte	South Africa	J1500/3	1	1994	30	Antimony/ Gold	Recleaner
Cleveland Potash	Cleveland	England	J3250/6	1	1994	900	Potash	Potash Slimes
BMA	Goonyella	Australia	J5000/16	8	1994/2011 [^]	3800	Coal	Coal Fines
Peabody	North Goonyella	Australia	J5000/14	2	1993/2014 [^]	1680	Coal	Coal Fines
South Atlantic Ventures	Oracle Ridge	USA	J2500/4	1	1993	360	Copper	Cleaner scalper
Western Mining Corp	Nifty Copper	Australia	J1750/3	1	1993	180	Copper	SX-EW Electrolyte
Philex Mining Corp	Philex Mine	Philippines	J1250/3	1	1993	75	Copper	Recleaner
Philex Mining Corp	Philex Mine	Philippines	J3000/6	1	1993	240	Copper	Cleaner

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Jameson Cell installations continued ...



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Pasminco Metals	BHAS	Australia	J1000/1	1	1993	40	Copper	SX-EW Electrolyte
Mantos Blancos	Oxide Plant	Chile	J1250/1	1	1993	40	Copper	Rougher
Girilambone Copper	Girilambone	Australia	J1750/3	1	1993	120	Copper	SX-EW Electrolyte
Genmin	Impala Plats	South Africa	R1210/1	1	1993	120	Platinum	Scavenger
BMA	Blackwater	Australia	J3500/10	8	1993	2400	Coal	Coal slimes
Aberfoyle	Gunpowder	Australia	R1513/2	1	1993	120	Copper	SX-EW Electrolyte
Western Mining Corp	Olympic Dam	Australia	J1000/2	1	1992	80	Copper	SX-EW Electrolyte
Phelps Dodge	Morenci	USA	J6500/30	1	1992	1860	Copper	SX-EW Electrolyte
Mount Isa Mines	Lead/Zinc Concentrator	Australia	J1900/3	2	1992	240	Lead/Zinc	Zinc Cleaner
Kidd Creek	Timmins	Canada	J2500/6	2	1992	480	Copper	Cleaner
Consolidated Murchison	Gravelotte	South Africa	J1250/1	1	1992	*	Antimony/ Gold	Cleaner
Consolidated Murchison	Gravelotte	South Africa	J800/1	1	1992	*	Antimony/ Gold	Cleaner
Consolidated Murchison	Gravelotte	South Africa	J1600/4	1	1992	120	Antimony/ Gold	Cleaner
Amalg Syndicate	Spargoville	Australia	J1250/2	1	1992	80	Nickel	Rougher
Mount Isa Mines	Hilton	Australia	J3000/10	1	1991	200	Lead/Zinc	Lead Cleaner
Mount Isa Mines	Hilton	Australia	J3000/10	1	1991	200	Copper	Cleaner
Mamut Copper	Ranau	Malaysia	J1750/3	1	1991	120	Copper	Cleaner
Amalg Syndicate	Spargoville	Australia	J1000/1	1	1991	80	Nickel	Rougher
Amalg Syndicate	Spargoville	Australia	J750/1	1	1991	80	Copper	Cleaner
Posgold	Warrego	Australia	J1400/3	2	1990	120	Copper	Cleaner
Mount Isa Mines	Collinsville Coal	Australia	J3500/10	2	1990	*	Coal	Coal slimes
Mount Isa Mines	Newlands Coal	Australia	R3015/6	6	1990	1080	Coal	Coal slimes
Mount Isa Mines	Newlands Coal	Australia	R3515/7	6	1990	1080	Coal	Coal slimes
Mount Isa Mines	SX Plant	Australia	J1000/1	1	1989	40	Copper	SX-EW Electrolyte
Mount Isa Mines	Hilton	Australia	J1750/2	2	1989	240	Lead/Zinc	Low Grade Middlings
Mount Isa Mines	Lead/Zinc Concentrator	Australia	J1900/3	2	1988	120	Lead/Zinc	Lead Slimes

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TOTAL				501				

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