

CMDT			Arctic partner/owner			Project			Chinese Project relations																												TOTAL SCORE	AVG SCORE
CMDT gr	Country	Main CMDTs	Name	Parent company	Country of reg	Name	License (type/#)	Project stage	Chinese company (name)	Partn cat	SCORE	Govt rel	SCORE	w/o Arc partn	Owner/shareh	SCORE	JV-partn	SCORE	Operator	SCORE	Board mbr	SCORE	Mgmt mbr	SCORE	Funding	SCORE	Offtake arr	SCORE	MOU etc	SCORE	Techn assist	SCORE	R&D	SCORE				
Base	Canada	Cu, Au	KGHM International Ltd	KGHM Polska Miedz SA	Poland	Ajax	Exploration	Exploration	China Minmetals Nonferrous Metals Co Ltd	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	26	44,3		
Base	Canada	Cu, Au, Ag	Rambler Metals and Mining Canada Ltd	Rambler Metals and Mining	Canada	Ming	Mining	Mining	Tinma International	3	2	2	4	No	Yes	10	No	0	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	No	0	No	0	56			
Base	USA (Alaska)	Cu, Zn, Au, Ag	NiBlack Mining Corp	Blackwolf Copper and Gold Ltd (formerly Heatherdale Resources Ltd)	Canada	NiBlack	Exploration	Advanced	Sino-Canada Natural Resources Fund (CapitalAsia)	Finance	0	2	4	No	Yes	10	No	0	No	0	No	0	No	0	Yes	10	No	0	No	0	No	0	No	0	24			
Base	Canada	Zn, Ag, Cu, Pb	Phoenix Global Investment (prev owner: Yukon Zinc Corp)	Jinduicheng Molybdenum Group Co Ltd (of Yukon Zinc)	China	Wolverine	Mining	Mining/inactive	Jinduicheng Molybdenum Group Co Ltd	5	10	3	10	No	Yes	10	No	0	No	0	Yes	10	Yes	4	Yes	10	Yes	10	N/A	0	Yes	4	Yes	2	70			
Base	Canada	Zn, Cu	MMG Ltd	China Minmetals Coporation	China	Izok Lake	Mining	Mining	China Minmetals Corp	4	4	3	10	Yes	Yes	10	No	0	Yes	4	Yes	10	Yes	4	Yes	10	No	0	N/A	0	Yes	4	Yes	2	58			
Base	Canada	Zn, pb	Selwyn Chihong Mining Ltd	Yunnan Chihong Zinc and Germanium Co Ltd	China	Selwyn	Exploration	Inactive	Yunnan Chihong Zinc and Germanium Co Ltd	4	4	3	10	Yes	Yes	10	N/A	0	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	N/A	0	Yes	4	Yes	2	68			
Base	Greenland	Zn, Pb	Ironbark A/S	Ironbark A/S	Australia	Citronen Fjord	Exploration	Advanced	NFC	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	No	0	Yes	2	Yes	4	Yes	2	22			
Base	USA (Alaska)	Zn, Pb	Teck Alaska Inc; NAN Regional Corporation	Tech Resources Ltd	Canada	Red Dog	Mining	Mining	Hechi Nanfang	5	10	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	Yes	10	No	0	No	0	No	0	30			
Bat	Canada	Cu, Ni	KGHM International Ltd	KGHM Polska Miedz SA	Poland	Morrison	Mining	Mining	China Minmetals Nonferrous Metals Co Ltd	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	26			
Bat	Canada	Graphite	Grafoid Inc, Focus Graphite	Focus Graphite (parent company of Grafoid)	Canada	Lac Knife	Exploration	Exploration	Xiamen Tungsten	5	10	3	10	No	Yes	10	Yes	2	No	0	No	0	No	0	Yes	10	Yes	10	Yes	2	No	0	No	0	54			
Bat	Canada	Li	Tantalum Mining Corporation of Canada	Sinomine Resource Group	China	Tanco Mine (BL)	Mining	Mining	Sinomine Resource Group Co	4	4	2	4	No	Yes	10	Yes	2	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	N/A	0	Yes	4	Yes	2	64			
Bat	Canada	Li	Snow Lake Resources	Nova Minerals	Canada	Thompson Brothers	Exploration	Prospecting	Sinomine Resource Group Co	4	4	2	4	No	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	Yes	4	Yes	2	26					
Bat	Canada	Li	Sayona Mining Ltd and Piedmont Lithium (prev owner: North American Lithium)	N/A	Canada	NAL project (La Corne)	Mining	Mining	CATL; Jien Nickel holding	5	10	2	4	No	Yes (in NAL)	10	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	24			
Bat	Greenland	Ni, Co, Cu, PGE	North American Nickel Inc	N/A	Canada	Maniitsoq	Exploration	Advanced	CATL	5	10	2	4	No	Yes	10	No	0	No	0	Yes	10	No	0	No	0	No	0	N/A	0	Yes	4	No	0	38			
Bat	Canada	Ni, Cu, Co, PGE	Canadian Royalties Inc	Canadian Royalties Inc	China	Nunavut Nickel	Mining	Mining	Zhongze Holding Group Co Ltd	4	4	2	4	Yes	Yes	10	N/A	0	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	Yes	4	Yes	2	64			
Bat	Canada	Li	Quantum Minerals Corp	N/A	Canada	Irgon	Exploration	Exploration	Sinomine Resource Group Co	4	4	2	4	No	No	0	No	0	Yes	4	No	0	No	0	No	0	No	0	Yes	2	Yes	4	Yes	2	20			
Bat	Canada	Li	Power Metals Corp	N/A	Canada	Case Lake	Exploration	Exploration	Sinomine Resource Group Co	4	4	2	4	No	Yes	10	No	0	No	0	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	Yes	4	No	0	58			
Bat	Canada	Li	Power Metals Corp	N/A	Canada	Paterson Lake	Exploration	Exploration	Sinomine Resource Group Co	4	4	2	4	No	Yes	10	No	0	No	0	Yes	10	Yes	4	Yes	10	No	0	Yes	2	Yes	4	No	0	48			
Bat	Canada	Li	Power Metals Corp	N/A	Canada	Gullwing-Tot Lakes	Exploration	Exploration	Sinomine Resource Group Co	4	4	2	4	No	Yes	10	No	0	No	0	Yes	10	Yes	4	Yes	10	No	0	Yes	2	Yes	4	No	0	48			
Indu	Canada	Gypsum	Lafarge Canada	Lafarge Holcim Ltd	Switzerland	Falkland	Mining	Mining	Shui On Group	Construction	0	2	4	No	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	N/A	0	4			
Indu	Norway	Quartz	Elkem ASA	China National Bluestar Group	China	Nasafjell 1	Exploration	Advanced	China National Bluestar Group	5	10	3	10	Yes	Yes	10	No	0	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	10	No	0	Yes	4	Yes	2	74	
Prec	Canada	Au	Sabina Gold & Silver Corp	N/A	Canada	Black River	Exploration	Exploration	Zhaojin International	4	4	3	10	No	Yes	10	No	0	No	0	Yes	10	No	0	Yes	10	No	0	Yes	2	Yes	4	No	0	50			
Prec	Canada	Au	Barrick Gold Corp	N/A	Canada	Hemlo (William)	Mining	Mining	Zijin Mining Group, Shandong Gold Mining Co Ltd	4	4	3	10	No	No	0	Yes	2	No	0	No	0	No	0	No	0	No	0	Yes	2	No	0	No	0	18			
Prec	Canada	Au	TMAC Resources	Agnico Eagle	Canada	Hope Bay	Mining	Mining	Shandong Gold Mining Co Ltd	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	No	0	14			
Prec	Finland	Au	Belvedere Resources Ltd	Navigation Way	United Kingdom	Antikanpera	Exploration	Exploration	Jinchuan Group	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	No	0	Yes	2	No	0	No	0	16			
Prec	USA (Alaska)	Au	Novagold Resources and Barrick Gold USA (50/50% JV)	N/A	Canada	Donlin gold project	Exploration	Advanced	Shandong Gold Mining Co Ltd	4	4	3	10	No	No	0	Yes	2	No	0	No	0	No	0	Yes	10	No	0	Yes	2	No	0	No	0	28			
Prec	Canada	Au, Ag	Pretium Resources Inc	Newcrest Mining	Australia	Brucejack	Mining	Mining	Xinsheng Global Limited (subsidiary of Zijin Mining Group)	4	4	3	10	No	Yes	10	No	0	No	0	No	0	No	0	Yes	10	No	0	No	0	No	0	No	0	34			
Special	Canada	REE	Defense Metals Corp	N/A	Canada	Wicheeda	Exploration	Advanced	Sinosteel Equipment & Engineering Co.	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	Yes	10	No	0	Yes	2	Yes	4	Yes	2	32			
Special	Canada	REE	Canada Rare Earth Corp	N/A	Canada	Clay-Howells	Exploration	Advanced	Yongzhou Xiangjiang Rare Earth Resource Co.	5	10	2	4	No	No	0	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	26			
Special	Greenland	REE, Zn, U, F	Greenland Minerals A/S	Greenland Minerals Ltd	Australia	Kvanefjeld	Exploration	Advanced	Shenghe Resources Holding	4	4	2	4	No	Yes	10	No	0	No	0	Yes	10	No	0	Yes	10	Yes	10	Yes	10	Yes	2	Yes	4	Yes	2	56	
Steel	Canada	Fe	Lac Otelnuk Mining (JV btw Adriana Resources/Sprott Resource Corp and WISCO)	N/A	China (WISCO)	Lac Otelnuk	Exploration	Advanced	Wuhan Iron and Steel Co	4	4	3	10	No	Yes	10	Yes	2	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	Yes	4	No	0	70			
Steel	Canada	Fe	Century Iron Mines	Century Global Commodities Corporation	China (HK)	Attikamagen (JL)	Exploration	Exploration	Wuhan Iron and Steel Co	4	4	3	10	Yes	Yes	10	Yes	2	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	No	0	Yes	4	Yes	2	70			
Steel	Canada	Fe	Advanced Exploration Inc	N/A	Canada	Tuktu 2	Exploration	Exploration	XinXing Ductile Iron Pipes; Parkson Star Ltd	5	10	3	10	No	Yes	10	Yes	2	N/A	0	Yes	10	No	0	Yes	10	Yes	10	No	0	No	0	No	0	62			
Steel	Canada	Fe	Quebec Iron Ore (prev owner: Consolidated Thompson Iron Mines, CLM-T)	Champion Iron Ltd	Australia	Bloom lake	Mining	Mining	Wuhan Iron and Steel Co	4	4	3	10	No	Yes (in CLM-T)	10	No	0	No	0	Yes	10	No	0	Yes	10	Yes	10	Yes	2	No	0	No	0	56			
Steel	Canada	Chromite	Noront Resources Ltd	Wyloo Metals	Australia	McFauld lake	Exploration	Exploration	Baosteel Resources International Co Ltd	4	4	3	10	No	Yes	10	No	0	No	0	Yes	10	No	0	Yes	10	No	0	Yes	2	No	0	No	0	46			
Steel	Canada	Fe	Savik Iron Mines (JV btw Advanced Exploration Inc and Parkson Star Ltd)	N/A	China (Parkson Star)	Roche Bay	Exploration	Advanced	Parkson Star Ltd	Finance	0	2	4	No	Yes	10	Yes	2	No	0	No	0	No	0	Yes	10	No	0	Yes	2	No	0	No	0	28			
Steel	Greenland	Fe	London Mining A/S	General Nice Group	China (HK)	Isua	Exploration	Advanced	General Nice Group	4	4	2	4	Yes	Yes	10	No	0	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	No	0	Yes	4	Yes	2	62			
Steel	Canada	Fe	Century Iron Mines and Augyva Resources (Duncan Lake JV)	Century Global Commodities Corporation	China (HK)	Duncan Lake	Exploration	Exploration	Century Global Commodities Corporation; WISCO; Minmetals	4	4	3	10	No	Yes	10	Yes	2	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	Yes	4	Yes	2	72			
Steel	Canada	Fe	Century Iron Mines	Century Global Commodities Corporation	China (HK)	Sunny Lake	Exploration	Exploration	Century Global Commodities Corporation; WISCO	4	4	3	10	Yes	Yes	10	Yes	2	Yes	4	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	Yes	4	Yes	2	72			
Uranium	Canada	U	Fission Uranium Corp	N/A	Canada	Triple R Deposit (PLS)	Exploration	Exploration	CGN Mining Co Ltd; SASAC; China Uranium Development Co Ltd	4	4	3	10	No	Yes	10	No	0	No	0	Yes	10	Yes	4	Yes	10	Yes	10	Yes	2	No	0	No	0	60			
Uranium	Canada	U	JV btw Cameco Corp, Orano Canada, and Purepoint	N/A	Canada	Hook lake	Exploration	Exploration	China General Nuclear Power Corp	5	10	3	10	No	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	32					
Uranium	Canada	U	Cameco Corp	N/A	Canada	Cigar Lake	Mining	Mining	China Guangdong Nuclear Power	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	26					
Uranium	Canada	U	Orano Canada	Orano Mining SA	France	Kiggavik	Exploration	Exploration	China National Nuclear Cooperation	4	4	3	10	No	No	0	No	0	No	0	No	0	No	0	No	0	Yes	10	Yes	2	No	0	No	0	26			

LEGEND	