

Sale JV Investment	Direct Mandate Y/N	Asset Specifications	Country Location	Price \$	Mine Name Ref #
COAL					
COAL MINE Anthracite Stone coal	YES	<p>Mining permit 5.2 million tons reserves 3019,87 hectare Anthracite 1.306mil.t (26%) Semi Anthracite 1.479 mil.t (29.6 %) Non-coking stone coal 2.215 mil.tons X – 0-16mm Y – 0-4 mm</p>	Mongolia Umnugobi Bayan-Ovoo	\$5 million + Coal washing plant	Zaisangiin Hets
INVESTMENT 50% equity					C.I.TD
COAL MINE Anthracite coal	YES	<p>Mining permit 100 million tons reserves</p> <p>Ash: 29.93% Volatile: 1.56% FC: 59.28% S: 0.26% Q daf; 8104 5900 hectare land</p>	Mongolia Dornogobi Saikhan Dulaan	\$15 million	Gunshand
SALE 100% buyout					C.2.PR.DRJ

COAL MINE Anthracite coal	YES	Mining permit Q – 8500 kcal 10 million tons reserves 1,623.8 hectare land 35 km from border port, Burgastai	Mongolia Gobi Altai Altai, Bugat	\$2.5 million	Honhorzag C.3.SR.NG
COAL MINE Steam Coal	YES	Mining permit 40,5mil tons reserves Moisture – 5,5-10,8 % Ash – 7,4-13,3 % Volatile – 32,9-43,5 % Sulphur – 0,44-1,3 % Caloric value- 4995-5804 60km from A3paved road	Mongolia Tuv province Bayanjargalan soum	\$ 1 million for restoration Investor operates mine at his cost	Tugrug nuur C.4.MN.KHBT
COAL MINE Steam coal	IN PROCESS	Mining permit 41,05 million tons reserves W adb – 13.1% A adb -21,6% V adb -37.5% S tot -1.05 % Q adb (kcal/kg)-4310,7 – 5524 kcal B2 mark	Mongolia Dornogobi Ikh Het soum	\$4.2 million	Olongiin Uhaa C.5. FB.FRX
COAL MINE Steam coal	YES	109million tons reserves 1230 + 39 hectare	Mongolia Bulgan province Saikhan soum	\$?	Saikhan Uul

Investment % equity ?					C.6.TD
COAL MINE Steam coal SALE 100% buyout	YES	Mining permit 202 million tons reserves Confirmed by JORC W: 2,52-11,4% Ash: 11,26-32,95% V : 22,13-35,5% S : 0.24-1.92 % Q: 4009-6816 kcal/kg Average Q: 6073,27 kcal/kg 6124,37 hectare land	Mongolia Tuv Bayanjargalan	\$7 million	Khar Tarvaragt C.7.PR.DRJ6
COAL MINE Steam coal SALE 100% buyout	YES	Exploration permit Can get mining permit fast 20 million tons reserves Q – 6300 kcal 18,849.8 hectare land	Mongolia Dornod Bayantumen	\$1 million	Uvurhundii C.8.SR.NG
COAL MINE Stone Coal INVESTMENT % equity ?	YES	Mining permit 67,2mil tons reserves 86.9 hectare	Mongolia Dornogobi province Dalanjargalan soum	\$1 million for restoration Investor operates mine at his cost	Alag Tolgoi C.9.NTS.TSG

<p>COAL MINE Coking Coal</p> <p>Investment % equity ?</p>	<p>YES</p>	<p>Exploration License Can make Mining permit fast 16.2 million tons reserves has high potential to increase up to 2-3 times. Open-pit and Underground mining</p> <p>In Dry mass 13.6-44.8% Average 21.47% Volatile Matter (Vdaf) 27.22-44.06% Sulphur 0.2-1.19% Average 0.61% Sulphate 0.04% In Pyrite 0.01-0.44% Organic S 0.1-0.38% Combustion Heat, (Qdaf) Dry Ash-free Condition 5913.0-8777.5 kcal/kg Average 7358.44 kcal/kg Phosphorus Content, (Pd) Total Oxide P2O 0.01-2.0% Free Swelling Index (FSI) 1-9, Average 6.5</p>	<p>Mongolia Umnugobi province Gurvantes soum</p>	<p>\$5 million + Coal washing plant</p>	<p>Khairkhan Tolgoi C.10.TD</p>
<p>COAL MINE Coking coal</p> <p>SALE 100% buyout</p>	<p>YES</p>	<p>Exploration permit 72million tons 3516 hectares Q: 6000 kcal Ash: 31% Volatile : 23.5% Wet: 10% CSN: 5.2% -GI 87.9%</p>	<p>Mongolia Dundgobi Saikhan-Ovoo</p>	<p>\$8 million</p>	<p>Tsagaan Ovoo C.11.PR.DRJ</p>

MOLYBDENUM					
MOLYBDENUM MINE +Tungsten Investment 51% equity	YES	101,7 million tons reserves 1690.71 hectare Mo 0.099% 98'991.5 tons Wo3 0.021% 21'545.9 tons Re 0.045% – 4.67 tons Fe 3.650% – 3'714'409.2	Mongolia Gobi-Altai province Taishir soum	\$20 million	Undur Tsahir MO.I.TD

GOLD					
GOLD MINE Investment 50 % equity	YES	<p>Mining permit 3.7 tons reserves Has potential to increase to 5-8 tons. 2333.92 hectare land 0.02-4.1 gr/ton Soil & Rock mining</p>	Mongolia Tuv province Bayandelger soum	\$5 million Investor operates mine at his cost	Shar Bulag G.I.TD
GOLD MINE + Marble + Quartzite Investment % equity	YES	<p>Exploration permit 390kg tons reserves Has potential to increase 2661.84 hectare land Au- 0,2-20gr/tn Ag-16gr/tn Cu -0,08-1%</p> <p>Marble Cao – 54% Quartzite SiO2 – 60%-70% Rock mining</p>	Mongolia Khovd Uench	\$?	Zagt Uul G.2.IH.MN
GOLD MINE Copper SALE 100% Buyout	YES	<p>Mining permit Au 0.2 – 16.3 gr/t = 815kgs reserves Prospecting reserves = 4,221 kgs Cu 0.52- 10.5% – 107,778 tons</p>	Mongolia GobiAltai Sharga soum	\$3 million	Maihan Uul G.3.LH.DR

		79 hectare land			
GOLD MINE SALE 100% Buyout	YES	Mining permit Au – 7,88 tons reserves	Mongolia Bayanhongor Bumbugur	\$30 million	Hatavchiin Undur G.4.LH.DR
GOLD MINE SALE 100% Buyout	YES	Mining permit Au B+C = 140 gr reserves 41,66 hectare land	Mongolia Tuv province Arhurst soum	\$2.5 million	Ar Bogol G.5.LH.DR
GOLD MINE SALE 100% Buyout	YES	Mining permit Au B+C = 600 kgs reserves It has high potential to increase 1600 hectare land Soil mining	Mongolia Tuv Zaamar	\$6 million	Tsotsgonii muhar G.6.LH.DR
GOLD MINE SALE 100% Buyout	YES	Mining permit Au B+C = 196.7 kgs reserves It has high potential to increase Soil mining	Mongolia Dornod Dashbalbar soum	\$?	Hundlun Uul G.7.LH.DR

GOLD MINE SALE 100% Buyout	YES	Exploration permit Au 600mg/m3 – 2gr/ton Au 300kg soil reserves 2.8 tons rock reserves 300,82 hectare land	Mongolia Bulgan Bureghangai	\$500,000	Shar Us G8.SR.NG
GOLD MINE + Iron ore SALE 100% Buyout	YES	Mining permit Au 482 mgr/m3 – 99 kgs reserves Fe 52% – 333,000 tons reserves 251 hectare land	Mongolia Bulgan Bureghangai	\$1 million	Tuul Zuun Denj G9.SR.NG
GOLD MINE +Lead +Zinc +Ag SALE 100% Buyout	YES	Exploration permit Au 0.06 gr/ton – 14 tons reserves Pb 8.4% – 1.134 million tons Zn 19.84% – 3.4 million tons Ag 100 -500 gr/tons – 14,000 tons 3371.9 hectare land	Mongolia Khentii Batnorov	\$1 million	Tolgoi 1 G.10.SR.NG
GOLD MINE SALE 100% Buyout	YES	Exploration permit Au 2gr/ton 498.2kgs – 2,491 kgs reserves 250 hectare land	Mongolia Arkhangai Hotont	\$500.000	Davaa Uul G.11.SR.NG

GOLD MINE SALE 100% Buyout	YES	Exploration permit Au 2.5 gr/ton 662kgs – 5,000kgs reserves 11,371.7 hectare land	Mongolia Dornogobi Huvsgul	\$1.5 million	3 Har Tolgoi G.12.SR.NG
GOLD MINE + Quartzite + Muscovite mica Investment 30 % equity	YES	Mining permit Au 700mgr/m3 – 1gr/ton Au 500kg – 2,000 kg reserves Gold rock and soil mine SiO2 99% – 300,000 tons reserves Muscovite mica 60% – 1 million tons 596.2 hectare land 135km from border port 35 km from railway	Mongolia Hovd Altai	\$3 million	Enger us G.13.SR.NG
GOLD MINE SALE 100% Buyout	YES	Mining permit Au 600 mgr/m3 – 85 kg reserves 767.9 hectare land	Mongolia Bulgan Buregkhangai	\$1.2 million	Tahir Hailaastiin Hundii G.14.SR.NG

COPPER (Cu)				
COPPER MINE + Gold Investment 68% buyout	IN PROCESS	6364.36 hectares Cu + Au + Mo 1-2 million tons reserves Gold Copper will be rise up to 4mil -5mil tons copper	Mongolia Uvurkhangai Province	\$21 million \$ 9m for 68% \$ 12m for exploration
				Cu.1.TV.SH

ZEOLITE					
Zeolite mine Investment % equity ?	YES	Exploration permit Si2O2 61-67% Al2O3 10-13% CaO 1-2%	Mongolia Dornogobi province Sainshand soum	\$?	Zeototal Z.I. GLT.BTR

LITHIUM-Li2O					
LITHIUM MINE +Rubidium	YES	<p>Mining permit Rb – 145,129 tons reserves Li 1% – 72,565 tons reserves 17372,21 hectare Sn, CaF2, Ta-Nb mineralization which is formed along with lithium mineralization is distributed within the zone along with many muscovite biotite pegmatics.</p>	Mongolia Dundgobi Ulziit soum	\$20 million	Oortsog Tenant Li.1.TD
LITHIUM MINE +Rubidium +Tungsten	IN PROCESS	<p>Mining permit Lithium 75% – 250,714 tons Tungsten 85% – 46,671 tons Rubidium 70% – 89,040 tons Confirmed by JORC 16,000 meters of drilling average depth of 250 meters. 660 hectare land</p>	Mongolia Sukhbaatar Erdenetsagaan	\$300 million	Arbayan Li.2.PR.DRJ

LITHIUM MINE SALE 100% buyout	IN PROCESS	Exploration permit Li 230 – 480 ppm tested 1770 hectare land	Mongolia Khovd Erdeneburen	\$?	Li.3.LH.GV
LITHIUM MINE + Graphite Investment % equity	YES	Mining permit Li 105 mg/kg 500tons lithium ore ready for export 392 hectare	Mongolia Dornogobi Dalanjargalan	\$?	Li.4.DR.TS
LITHIUM MINE + Tungsten + Zinc + Silver + Sulfur SALE 100% Buyout	YES	Mining permit Li 0.11% – 6.2 million tons reserves Wo3 0.15% – 4.9 million tons Ag 3.51 – 6.2 million tons Zn 0.1% – 7.4 million tons S 0.51% – 7.4 million tons 2900 hectare land	Mongolia Tuv province Buren soum	\$10 million	Ongon Hairhan Li.5.PR.DRJ
LITHIUM MINE + Fluorite + Molybdenum + Lead + Zinc	YES	Exploration license 12,382 hectare land	Mongolia Khentii Batnorov Bayan-ovoo	\$500,000	Delger Li.6.SR.NG

LITHIUM MINE + Fluorite	YES	Exploration permit Li – 0.9% CaF2 65% – 300,000 tons 842.3 hectare land	Mongolia, Dundgobi Bayanjargalan	\$ 1.5 million	Gashuun Li.7.SR.NG
SALE 100% buyout					

TUNGSTEN					
TUNGSTEN MINE SALE 100% Buyout	YES	Mining permit Wo3 0.5 – 2.5% – 1720 tons reserves 140 meter drilling done 250.76 hectare land	Mongolia Khentii province Umnudelger soum	\$ 1.3 million	Naran Wo.1.TS.TSG
TUNGSTEN MINE + Tungsten SALE 100% Buyout	YES	Wo3 3.96% – 36.8 million tons	Mongolia Tuv province Bayan Unjuul	\$2.5 million	Baga Unjuul Wo.2.PR.DRJ

FLOURITE (CaF2)					
FLOURITE MINE SALE 100% buyout	YES	3 Mining permits CaF2 41%, 48%, 85% (average content) 908,000tons reserves $76.91+55.79+157.38=290.08$ hectare	Mongolia Dornogobi Airag & Dalanjargalan soums	\$1.8 million	Fluorite hill Caf2.1.PJ.FB
FLOURITE MINE SALE 100% buyout	IN PROCESS	Mining permit 150,000tons reserves CaF2 31% (average content)	Mongolia Khentii province Bor Undur soum	\$2.5 million	Adag CaF2.2.LKH.FB
FLOURITE MINE Micro Mining* SALE 100% buyout	YES	CaF2 92% 3 hectare 2.66m wide, 24m depth vein	Mongolia Khentii province Kherlen soum	\$300k	CaF2.3.DA.FB
FLOURITE MINE Micro Mining* INVESTMENT 50% equity	YES	CaF2 92% 0.5 hectare Capable to supply 600 - 700tons 12. -4m wide, 60m - 120m depth vein	Mongolia Khentii province Norovlin soum	\$ 300k	CaF2.4.BLD

FLOURITE MINE SALE 100% buyout	YES	Mining permit CaF2 92 – 95% 84 hectare 96,000 tons reserves	Mongolia Khentii Batnorov	\$ 2.5 million	CaF2.5.TSM
FLOURITE MINE SALE 100% buyout	YES	Mining permit CaF2 75%-92% 131 hectare land 700,000 tons reserves Potential to increase to 1,773,640 tons reserves Ore body is 6m	Mongolia Sukhbaatar Munkhhaan	\$ 1.5 million	Ulziit CaF2.6.KHD
FLOURITE MINE SALE 100% buyout	YES	Mining permit CaF2 87% 200,000 tons reserves 110 km from Border port, Havirga. 41.53 hectare land	Mongolia Dornod Bulgan	\$600,000	Ganzagat CaF2.7.SR.NG

QUARTZITE					
QUARTZITE MINE Investment % equity	YES	Mining permit SiO2 98% – 99% 5 million tons reserves Has high potential to increase 300 hectare land	Mongolia Dornogobi Dalanjargalan	\$?	Qrtz.1.GN
QUARTZITE MINE Micro mining* Investment % equity	YES	Mining permit SiO2 99.9% 170,000 tons reserves 10 hectare land	Mongolia Tuv Ugtaaltsaidam	\$?	Qrtz.2.TGS
QUARTZITE MINE Investment % equity	YES	Mining permit SiO2 97% 98% 99% 40 – 60 million tons reserves 5000 hectare land	Mongolia Tuv Bayan	\$?	Qrtz.3.GN.ZRG

IRON (Fe)					
IRON ORE MINE + Quartzite mine Investment % equity	YES	<p>Exploration permit 31,611 hectare land Fe56%, Fe Magnetite 40.49% 15-20million tons reserves Has high potential to increase 3359,5 meter drilling done Have quartzite occurrence</p>	Mongolia Uvurkhangai province Taragt, Bayangol, Tugrug, Guchin us soums	\$?	Tashgai Fe.1.SD.GEO
IRON ORE MINE Copper, Gold SALE 100% buyout	YES	<p>Mining permit 133,1 hectare land Resource estimation confirmed by Jorc standard Fe 26%-40% – 87million tons Cu 1.8%-5.6%, 36million tons Au 1.8g/t, 16tons reserves</p> <p>Low sulfur Iron ore body is 600m depth 500m wide 20,000MT product sold Has own railway terminal in Erdenet city</p> <p>Investment needs for: Concentration Plant</p>	Mongolia Bulgan province Buregkhangai soum	\$3.5 million	Undur Ulaan Fe.2.SR.NG Fe.2.KHD

		<p>Road Electricity Line Wagon Wet Fe64%-66% and up 50,000MT monthly</p>			

RARE EARTH ELEMENTS

TANTALUM NIOBIUM MINE + Zircon + Yttrialite	YES	Exploration license Nb 0.6% 335,300tons reserves Zr 1-7.3% 2.4 million tons Ta 0.1% – 17,800 tons Y 0.1% – 1.8 million tons Re2O3 489,000 tons RRE – 4million tons 1,149 hectare land	Mongolia Hovd Myangad	\$5 million	Choidog Hudag RRE.1.SR.NG
TANTALUM NIOBIUM MINE + Zircon	YES	Exploration license TaO5 78% 6374 tons NbO5 86% 71.803 tons ZrO2 126,796 tons 188 hectare land	Mongolia Uvs Malchin	\$5 million	Ulaan Tolgoi RRE.2.SR.NG