

Mineral Reserves and Potential of Uganda and Status of exploration and development

#	Mineral	Location	Status of Reserves	Nature and Progress of Action
1	Copper	(a) Kilembe in Kasese District (b) Boboong in Kotido District; (c) Kitaka in Bushenyi District; (d) Kampono in Mbarara District	(i) Reserve at closure was about 6 million tonne at 1.77% Cu; (ii) Grade of 1.7% at Boboong; and Reserves at Kitaka and Kampono are under evaluation	<ul style="list-style-type: none"> Government looking for investor to develop the copper resources at Kilembe mines; Opportunities to discover more deposits around Kilembe. Reserves at Kitaka and Kampono are under exploration.
2	Cobalt	Kilembe in Kasese District	5.5 Million Tones with grade of 0.17 of cobalt	Kasese Cobalt Company Limited has been processing cobalt stockpile, which is nearly exhausted.
3	Beryl	(i) Kazumu in Ntungamo District (ii) Mutaka in Bushenyi, (iii) Bulema in Kanungu District (iv) Ishasha in Rukungiri District (v) Mbale Estate in Mubende (vi) Lunya in Mukono District	Under evaluation	Under Exploration
4	Chromite ¹	Nakiloro in Moroto District	Under evaluation	Under Exploration
5	Gold	Districts of: Bushenyi, Mbarara, Kabale Kisoro, Rukungiri Kanungu, Busia, Mubende, Moroto, Hoima, & many streams of West Nile	(i) Five (5) million ounces of gold at Kamalenge in Kasanda District (Anglo Uganda Corporation (AUC)); (ii) 412,500 tonnes at 13.33g/t of gold in rock and 1,200,000 tonnes at 6.6 g/t in alluvium at Ngugo and Kisita in Kasanda (Kisita Mining Company); (iii) One (1) million ounces of gold at Mashonga (Sino Minerals);	1 (a). M/s Anglo Uganda Corporation (AUC Mining, Mubende District) 1 (b). M/s Kisita Co. Mining and 2. Sino Minerals Ltd 3 (a). M/s Greenstone resources at (Tiira, Busia District) 3 (b). Wagagai Mining (U) Limited in Busia District; Mine development in progress.

¹ Associated with platinum precious metal

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			<p>(iv) 500,000 ounces of gold at Tiira, Busia (Greenstone Resources);</p> <p>(v) 12 Million tonnes (385 M ouz) at Alupe in Busia (Wagagai);</p> <p>High potential gold fields</p> <p>(vi) Bukuya, Kayonza, Kayonza, Bukuya, Lugigi, Masaka, Kapy, Walukwago, Kabaada and Kayimbirimbi (all outside AUC Mining Lease) estimated Over 10 Million Ounces);</p> <p>(vii) Buhweju Gold fields (Katenga, Bihanga, Kahengyere, Kasaans, Ankombe) estimated over 1 Million ounces of gold;</p> <p>(viii) Karita (Amudat), Moruita, Acerer (Nakapiripirit), Rupa (Moroto), Morulem (Abim), Lopedo (Kaabong) estimated at over 5 Million Ounces of gold</p>	
7	Iron Ore	<p>(i) Districts of: Muko, Kabale, Kisoro, Mbarara, & Hoima Tororo (Magnetite in Bukusu and; Sukulu), Moroto (Napak) & Kotido (Toror)</p> <p>(ii) Recent discoveries are in Bufumbira County, Kisoro, Nangara, Karukara, Buhara in Kabale District, Butogota in Kanungu District & Kateera in Mityana.</p>	<p>(i) 50 Mt at Muko, Kabale</p> <p>(ii) 2 Mt in Mugabuzi, Mbarara</p> <p>(iii) 23 Mt at Bukusu and 88 Mt at Sukulu; Tororo District</p> <p>(iv) 48 Mt at Buhara in Kabale District (new discovery)</p> <p>(v) 55 Mt at Butogota in Kanungu District (new discovery)</p> <p>(vi) 8 million tonnes in Bufumbira, Kisoro (new discovery)</p>	<p>Five (5) Mining Leases, granted for development of iron ore resources (Presidential Embargo on raw material export exists):</p> <ol style="list-style-type: none"> 1. Great Lakes Iron & Steel Company Limited, 2. Kigezi Steel Company Limited, Uganda 3. Uganda International Mining Company Limited

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				4. Sino Minerals Investment Company Limited 5. Guangzhou Dong Song Energy Group Co. Ltd
9	Lead	Kamwenge District (Kampono, Kanyambogo and Kitaka in Kitomi Forest), Isingiro district (Kikagati)	Under Evaluation	Under Exploration
10	Lithium	Ruhuma in Kabale District; Mwerasandu, Rwamwire and Nyabushenyi in Ntungamo District; Lunya in Mukono District; Nampeyo and Mbale Estate in Mubende District.	Under Evaluation	Pegmatite deposits suitable for small scale mining
11	Columbite Tantalite ²	(i) Ntungamo District; Bushenyi District; Kanungu District; Kisoro district and Lunya in Mukono District. (ii) Sukulu in Tororo District, Bukusu Complex in Mbale District; Napak in Moroto District and Toror in Kotido District.	(i) 130 million tons of Niobium at Sukulu. (ii) 3.5 millions tons of columbite-tantalite estimated at Kagango in Ntungamo district.	The Sukulu phosphate deposit is potentially the most important source of Niobium.
13	Tin	Mwerasandu, Kaina, Nyinamaherere in Ntungamo District; Kikagati in Isingiro District, Ndaniyankoko, Kitezo in Mbarara District, Burama Ridge on the Kabale/ Ntungamo border, Rwaminyinya in Kisoro District.	1.0 million tons at 2.5% tin estimated in Ntungamo and 2.5 million in Isingiro by First Mining Company Limited	Under-developed. Two mining leases: (i) Zarnack holdings; and (ii) First Mining company Limited
14	Titanium	Bukusu Complex in Manafwa District (22% TiO ₂) and Sukulu in Tororo District (13% TiO ₂).	Grade of titanium is 22% TiO ₂ and (13% TiO ₂ in Bukusu and Sukulu respectively.	Undeveloped
15	Tungsten	Nyamuliro (Bjordal Mine) and Ruhija in Kabale District; Kirwa, Mutolere, Rwamanyinya and Bahati in Kisoro district; Kyasampawo in Mubende District and Buyaga in Rakai District	(a) Kirwa wolfram resources are at 801,300 metric tonnes with average grade of 68.67% WO ₃ , (b) One (1) million tones and possible reserves of 355 million tones at Nyamuliro with ore grade at 0.1%	Three (3) Mining leases granted: 1. Krone Uganda Limited; 2. Berkeley Reef Limited; and 3. Sino Minerals investments.

² Niobium-Tantalum

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16	Manganese	Isandara, Gulika, Kirongo and Gweitengya, all close to Isandara hill; and Kisinga in map sheets 57/3 and 57/1.	Un known	Detailed exploration required; pitting and trenching, sample analysis, geophysical surveys and drilling.
17	Silver	Silver occurs in association with galena at Kitaka in Kamwenge District and Mubende granite in Mubende District	Under evaluation	Under Exploration
18	Zinc	Zinc occurs with galena at Kitaka in Kamwenge District	Under Evaluation	Under Exploration
19	Rare Earth Elements (REE)	(i) Isolated pegmatites in SW Uganda, (ii) Carbonatite centres in Eastern Uganda (Sukulu, Butiriku, Bukusu, Napak) (iii) Makuutu- Buwaaya area, Eastern Uganda.	(a) 73.6 million tonnes of Rare Earth Elements estimated at Sukulu with grade of 0.32% La ₂ O ₅ (b) Aluminous clays that are enriched in scandium, Gallium, Yttrium and REE in Makuutu area estimated at three (3) billion tonnes (c) With grades of 23% REE and 27% Alumina.	Largely Unexplored Mining Lease granted to M/S Guangzhou Dong Song Energy Group Co. Ltd.
20	Limestone/ Marble	(i) Muhokya in Kasese District and Dura in Kamwenge District, and Hima in Kasese District. (ii) Sukulu and Tororo in Tororo District; Napak and Katiekile in Moroto District and Toror in Kotido District; Moyo Districts.	(a) 14.5 million tonnes at Hima, Kasese and (b) 11.6 million tonnes at Dura, Kamwenge (c) 560 million tonnes of marble at Rupa in Moroto (Sunbelt) (d) 14 million tonnes at Katiekile in Moroto (Tororo Cement Ltd.) (e) 27 million tonnes at Rupa in Moroto (DAO Marble) (f) 11.34 + 25.92 million tonnes at Lokatero in Moroto (Mechanized Agro) (g) Over 2 billion tonnes of marble in other localities (Nauyet in Kotido, Ngolapulom and Napelmoru	Production on large scale in Kasese, Tororo and Moroto Districts

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			Nakadaploit, Loyoro in Kaabong, Forest Reserve, Tank Hill, Rupa around Moroto Town, Matehinko, Pule, Karikacham in Moroto District,	
21	Phosphates	Sukulu in Tororo District and Bukusu in Mbale District, Lolekek in Napak	(a) 230 million tonnes at Sukulu with grade of 13.1% p ₂ O ₅ ; (b) 50 million tonnes at Bukusu with grade of 12.8% p ₂ O ₅	<ul style="list-style-type: none"> Investment in fertilizer manufacturing plant viable; Apatite with magnetite, vermiculite, pyrochlore, barite, zircon, uranium, titanium, Niobium and rare earth elements.)
22	Vermiculite	Sukulu in Tororo District and Bukusu Carbonatite Complex (Namekhara, Nakhupa, Surumbusa, Kabatola and Sikusi) in Mbale District	54.9 million tonnes at Namekhara	<ul style="list-style-type: none"> Mine developed at Namekhara Investment in fertilizer manufacturing plant viable
23	Graphite	Orom in Kitgum District	3.4 Billion tonnes	Mining Lease granted to Consolidated Africa; Graphite can be used in the manufacture of battery, refractory, steel, brake linings, foundry facings, lubricants, blast furnace linings
24	Kaolin	Namasera, Migadde and Buwambo in Wakiso district; Mutaka in Bushenyi District, Kisai in Rakai District and Kilembe in Kasese District	(a) 2.8 million tonnes at Mutaka, Bushenyi. (b) One (1) million tonnes at Kisai(Koki), Rakai	On demand by local industrial sector
25	Gypsum	Kibuku in Ntoroko Distict, Lake Mburo in Kiruhura District and Kanyatete in Lake George basin Kasese District.	2 million tons in Kibuku	Available market
26	Salt	Kibiro in Hoima District; Katwe and Kasenyi in Kasese District	22 Million tonnes of trona at Katwe and Kasenyi, Kasese District	Mined for animal and human consumption locally. Industrial production opportunities available
27	Feldspar	Bulema in Kanungu District; Bugangari in Rukungiri District; Mutaka in Bushenyi District; Nyabakweri in Ntungamo District and Lunya in Mukono District.	Under evaluation	Development and investment in downstream industries viable

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28	Glass sand	Diimu and Bukakata in Masaka District; Lwera in Masaka District, Nalumuli Bay, Nyimu Bay and Kome Island in Mukono District	The highest quality 99.95% SiO ₂ at Kome islands, 2 Mt at Dimu and Bukakata (99.93% SiO ₂)	Viable investment
29	Kyanite	Kyanite occurs at Ihunga and Kamirambuzi hills in Rukungiri district; new prospect in Nebbi and around Murchison Falls	Under Evaluation	Not yet explored
30	Diatomite	Panyango, Alui, Atar and Amboso River near Packwach in Nebbi District	Under evaluation	Undeveloped
31	Dimension stones	(i) Marble occurs in Karamoja Region (ii) Granite in various colours and textures occur in various parts of the country.	Over 300 million tonnes of marble in Karamoja (Rupa, Kosiroi, Tank Hill, Forest Reserve, Matheniko, Pule and Lolung)	<ul style="list-style-type: none"> • Tiles in Uganda are 100% imported. • A Mining Lease granted to Building Majesties (u) Limited (BML) to process granites in Mubende into dimension stone
32	Pozollan	Kabarole, Kapchorwa, Moroto	Abundant	Mining taking place for cement production by Cement Manufacturing Companies (TCL, Hina, National Cement, Kampala Cement, Simba Cement.
32	Clays, aggregates and hard cores	Various parts of the country		Stable demand, viable investment
33	Nickel	(i) Nickel at Kafunzo in Ntungamo District; Rugaga in Isingiro District. (ii) Nickel in Kitgum and Lamwo Districts (iii) Nickel in laterites at Logiri, Arua District	All at exploration advanced stages (Sipa, Samta Mines)	Drilling on-going by Sipa, Feasibility studies and EIA by Samta
34	PGM	(iv) Platinum Group of Metals at Nakiloro in Moroto District, Bweyale in Kiryandongo District	Chromite ore discovered	Not under exploration
34	Others potential minerals	(v) Diamond potential in Kibaale, Butare in Buhweju District, areas around Lake Kyoga, indicator minerals occur in Katakwi and Karamoja	Unknown	Further exploration and development being undertaken