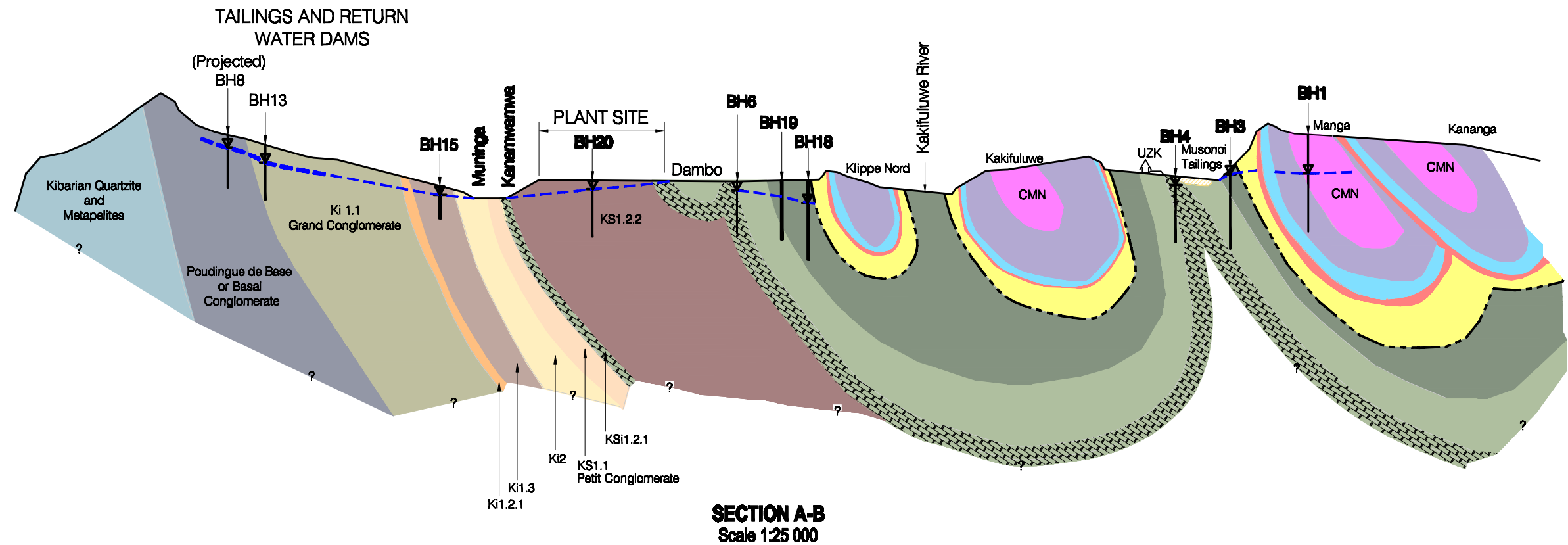




LEGEND

Katanga System	Formation	No	Subdivisions	Summary Description	Colour code
Upper Kundlungu .(Kanyeye Facies)					
	Ks 2	2.1		Kiubo sandstone, fine grained sandstone or siltstone, feldspathic, pink grey in colour, with thin band of pink impure limestone near base. The formation is generally truncated at 100m by the overthrust faulting of the Kolweaz syncline.	Ab 2.1
	Ks 1	1.3		Fine grained sandstone and siltstone, argillaceous shale when altered occasional conglomeratic horizons, with a band of pink oolitic limestone at the base. Very jointed with micron joint planes.Dolomitic	Ab 1.3
		1.2		Argillaceous shale with carbonate (15 -40%), non micaceous, grey green or lilac grey. Weathers to a yellow orange shale. Thin (10m) pink or light grey dolomite at the base	Ab 1.2
		1.1		Tillite – clasts 1-3cm in diameter of quartz, shale and crystalline rocks in an argillaceous shale matrix. May be dolomitic, no sorting or orientation of clasts.	Ab 1.1
Lower Kundlungu (Kilenge Facies)					
	Ki 2			Fine grained sandstone to siltstone, slightly chloritised, massive layers with stratification, dark grey in colour, altered to argillaceous shale	Ab 2
		1.3		Arkose siltstone, slightly dolomitic (10%) very fine grained, with muscovite. Massive but with fine laminations, maroon to violet or grey	Ab 1.3
	Ki 1	1.2		Argillaceous shale, no carbonates yellow brown to grey	Ab 1.2
		1.1		Grand conglomerate. Tillite of Arkose and orthoconglomerates with quartzitic, granitic, schistose clasts up to 50cm in diameter.	Ab 1.1

Katanga System	Formation	No	Subdivisions	Summary Description	Colour code
Roan (Long facies)					
	Mweahya	R4	2	Argillaceous shale stratification regular and pronounced, pale grey green colour with occasional red iron oxide layers.	AB
	Dipeta	R3	RGS	Silty shale, feldspathic slightly dolomitic (15%) with a massive texture, steel grey or lilac grey in colour	AB
		R2	2.3 CMN	CMN - Calcéaire à minéraux noirs. Impure dolomite with grains of quartz and sericitised chlorite, two horizons of stromatolitic dolomite, light grey, with layers of carbonaceous shale	AB 2
			2.2 SD	SD - Schist dolomitique, silty shale and impure dolomite, very mineralised, pyrite, chalcocypelite, grey to dark grey, purple, stromatolitic	AB 2.2
			2.1.3 RSC	RSC - Roche siliceuse cellulaire, very siliceous stromatolitic dolomite, with bands of mineralised shale, many dissolution cavities	AB 1.3
			2.1.2 RRF	RRF - Roche siliceuse feuilletée, siliceous dolomite, abundant chalcocaine and carrollite, grey	AB 1.2
		R1	RAT	Quartzitic dolomite, always sterile, massive texture, grey and lilac	AB
Basal Conglomerate				Angular subrounded clasts of quartzite in a quartzite matrix	
Kibara Formation				Quartzite and metapelites	

▽ Root water levels - January 2005

--- Inferred Groundwater Elevation

JOB No.
387394

Kingamyambo Musonoi Tailings (KMT) Project - ESIA / ESMP revision
Conceptual hydrogeological model of the KMT Concession Area

FIG No.
5.28

Date: 09 04 2008
Revision : A