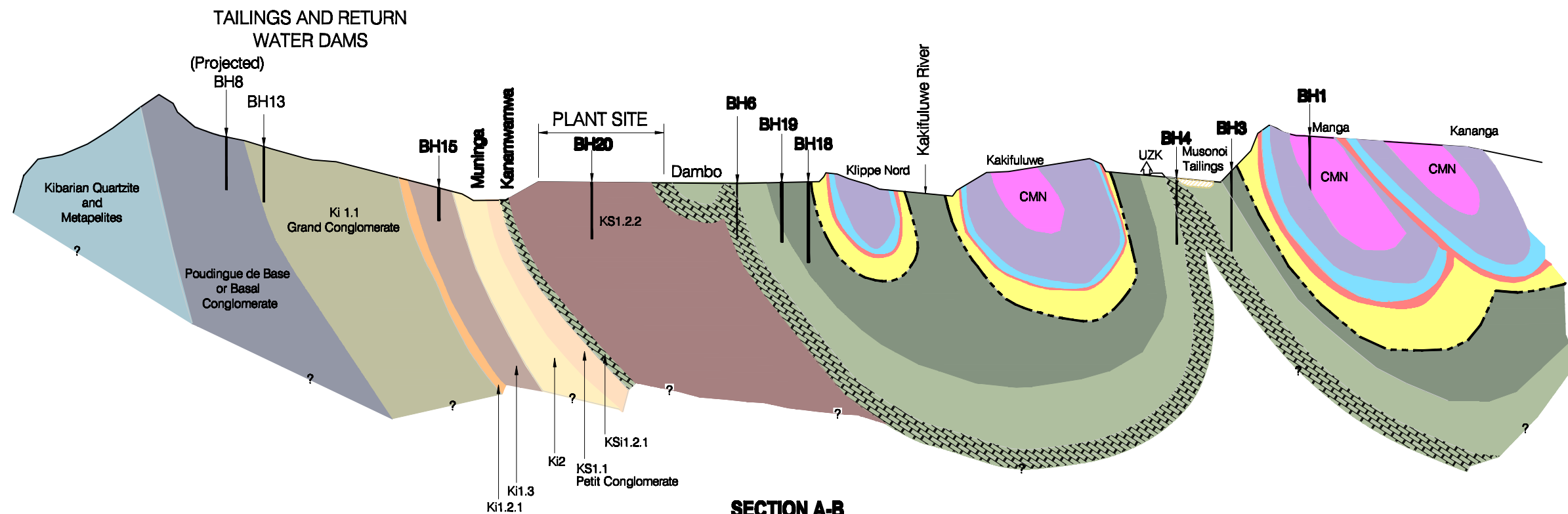




SECTION A-B
Refer to Figure 5.5
Scale 1:25 000

LEGEND

Katanga System	Formation	No	Subdivisions	Summary Description	Colour code
Upper Kundelungu (Kanyawe 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 Kolwezi syncline.	M 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	M 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	M 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.	M 1.1
Lower Kundelungu (Kilenge Facies)					
	KI 2			Fine grained sandstone to siltstone, slightly chloritised, massive layer with stratification, dark grey in colour, altered to argillaceous shale	M 2
		1.3		Arkoseic siltstone, slightly dolomitic (10%) very fine grained, with muscovite. Massive but with fine laminations, maroon to violet or grey	M 1.3
	KI 1	1.2		Argillaceous shale, no carbonates yellow brown to grey	M 1.2
		1.1		Grand conglomerate. Tillite of Arkose and orthoconglomerates with quartzitic, granitic, schistic clasts up to 50cm in diameter.	M 1.1

Katanga System	Formation	No	Subdivisions	Summary Description	Colour code
Roan (Long facies)					
	Mwashya	R4	2	Argillaceous shale stratification regular and pronounced, pale grey green colour with occasional red iron oxide layers.	M
	Dipeta	R3	RGS	Silty shale, feldspathic slightly dolomitic (15%) with a massive texture, steel grey or lilac grey in colour	M
		R2	2.3 CMN	CMN - Calcaire a mineraux noir. Impure dolomite with grains of quartz and sericitised chlorite, two horizons of stromatolitic dolomite, light grey, with layers of carbonaceous shale	M 2
			2.2 SD	SD - Schist dolomitique, silty shale and impure dolomite very mineralised, pyrite, chalcopyrite, grey to dark grey, purple, stromatolitic	M 2.2
			2.1.3 RSC	RSC - Roche siliceuse cellulaire, very siliceous stromatolite dolomite, with bands of mineralised shale, many dissolution cavities	M 2.3
			2.1.2 RSF	RSF - Roche siliceuse feuilletée, siliceous dolomite, abundant chalcocine and carrollite, grey	M 2.1
		R1	RAT	Quartzitic dolomite, always sterile, massive texture, grey and lilac	M
Basal Conglomerate					Angular subrounded clasts of quartzite in a quartzite matrix
Kibara Formation					Quartzite and metapelites

----- Overthrust faulting

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387394

Kingamyambo Musonoi Tailings (KMT) Project - ESIA / ESMP revision
Geological cross section A-B through the KMT Concession Area

FIG No.
5.6

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Revision: A