

Minerals Processing Solutions

Kimberlite
Russia

Project type:	Diamond Recovery Plant. Supply of complete processing plant including DMS circuit for diamond recovery.
Customer:	OAO Severalmaz, Archangelsk, Russia
Plant:	Greenfield at a new kimberlite deposit. Diamond Recovery Plant. Supply of complete processing plant including DMS circuit for diamond recovery.
Ore:	Kimberlite
Scope of supply:	Primary feed rate 120 MTPH. The ROM feed material is reduced in size in one stage by autogenous grinding, followed by dense media separation (DMS). The concentrate is further processed manually in the Sorting Plant. Basic & Detailed engineering Project management Equipment and building supply Power supply On-site training Customized documentation and manuals Erection and commissioning supervision
Equipment & process	Autogenous Grinding Mill, Screens Screening Media, Slurry Pumps, Steel Structures, Conveyors, Conveyor Accessories, Hydro cyclones, Slurry Hoses, Chutes, Wear resistant lining material, El. & Automation, Containerized Process instrumentation Diesel Generator sets w. Heat recovery,



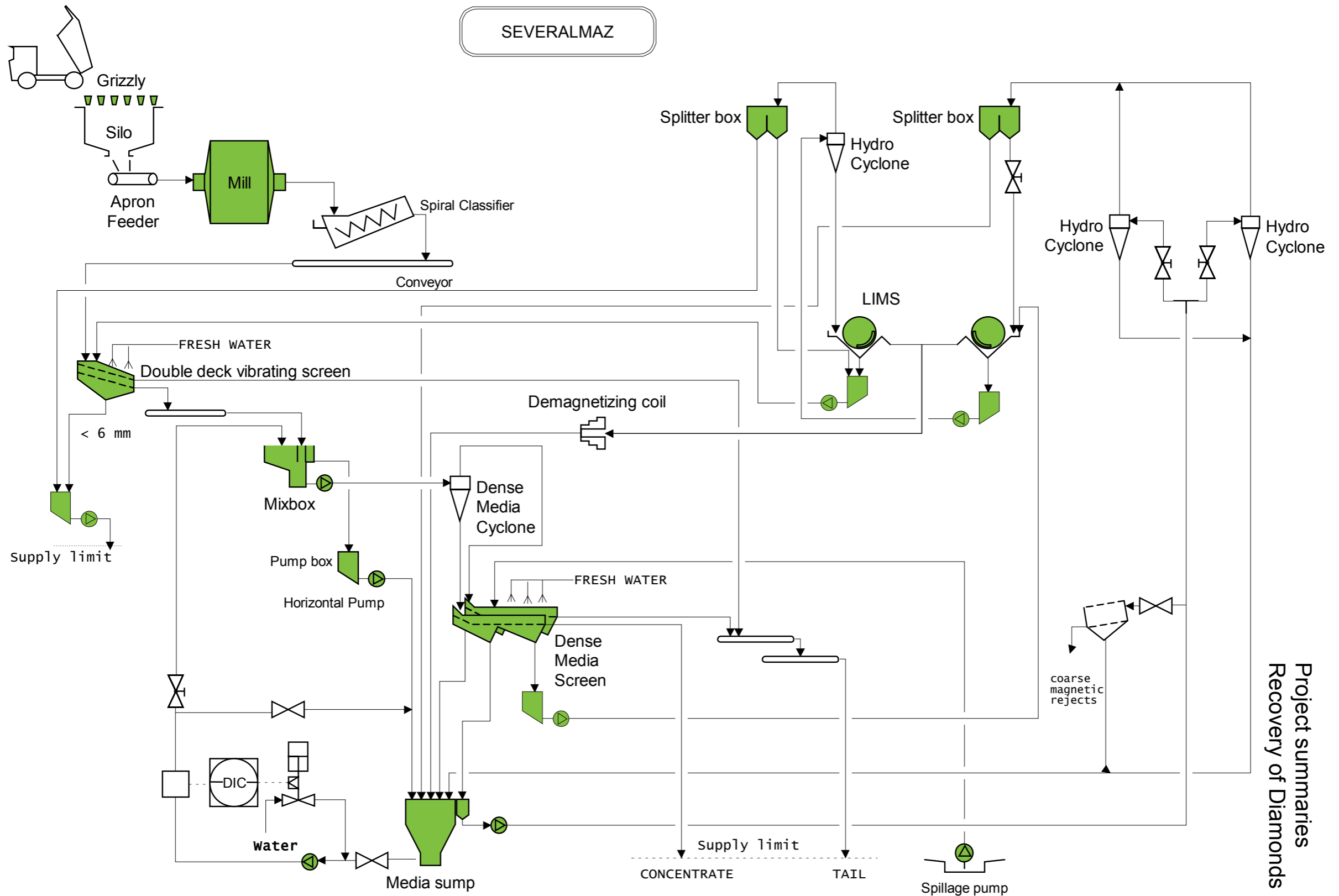
Benefits:	Containerized Process Building Spare and Wear parts for commissioning and initial operation	Comments:	Short schedule, 8 months from order to delivery
	The benefit to the customer was working with only one supplier, which had proven to be reliable, Metso. From basic flowsheet design to final plant design and supply. Fast delivery and process plant performance responsibility.	Year:	2004. CIP St. Petersburg, to site by customer

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Project summaries
Recovery of Diamonds