## **PROCESS DESIGN DATA SHEETS**

	GRINDING MILL PROCESS DATA SHEET		EQUIPMENT NO. ML-002	
Area: 210				
Fotal No.:	PRO	CESS DATA SHEET		
Norking: 1 Se	vice: Secondary (Ball	Mill) Grinding	Sheet 1 of	
Standby: 0			Item No.: of	
OPERATING ENVIRONMENT	UNITS	NORMAL OPERATION		
_ocation:				
Mechanical Availability:	%	85		
Recirculating Load:	%	300		
Specific Power: (estimated)	kWh/t	11.9		
MATERIAL DATA				
Material Handled:		Milled Uranium Ore		
Material Temperature:	C	Ambient		
Corrosive Product:		N/A		
Solids by Weight:	%	65		
Solids Specific Gravity:	SG	2.65		
Feed Size (F80):	microns	420		
Grindability / Work Index:	kWh/t	20		
OPERATING PARAMETERS	+			
Feed From:		Cyclone U/F and Trommel		
Operating Rate (dry basis):				
Nom.	t/h	202.5		
Max. (design rate)	t/h			
Operating Rate (total):				
Nom.	t/h	305.6		
Max. (design rate)	t/h			
Product Size (80% passing):	microns	100		
Mill Type:		Ball		
Grinding Circuit Type:		Closed Loop		
Grinding Media:		Steel Balls		
Grinding Media Size:	mm	51		
Grinding Media Material of Construction				
Classifying Method:		Cyclone		
_ength (estimated):	m	5.2		
Diameter (estimated):	m	3.4		
Direction of Rotation (viewed from disc	harge):			
Ball Mill Power Draw	kW	688		
REMARKS				
REVISION No. A				
PREPARED BY/DATE BC Mar.11/08				
CHECKED BY/DATE				
AUTH. BY/DATE				