

REFERENCE		REFERENCE. No.

NOTES

- PUMPS WORK AS 2 DUTY AND 1 STAND BY.
- WATER TO BE USED FOR FROTH SUPPRESSION ON CONCENTRATE THICKENER.
- SOMETIMES, THE FIRST STAGE CLEANER TAILS OF MOLY PLANT ARE ALSO DIRECTED TO COPPER THICKENERS.
- FROTH COLLECTION OR FROTH SUPPRESSION FACILITIES SUCH AS FROTH BOOM, DE-AERATION TANK, ETC. SHOULD BE CONSIDERED TO PREVENT CONCENTRATE LOSSES IN OVERFLOW.
- DETAILS OF FLOCCULENT PREPARATION AND DOSING PACKAGE WILL BE FINALIZED BY VENDOR.
- TO 9/ton FLOCCULENT POWDER IS CONSIDERED TO ADDING FLOCCULENT IN FLOCCULENT PACKAGE. BASED ON MAXIMUM SOLID FLOW (93.12 t/h) ALMOST 932 g/h FLOCCULENT POWDER IS NEEDED.
- AMOUNT OF FLOCCULENT WILL BE FINALIZED AFTER LABORATORY TEST.
- QUANTITY OF MAINTENANCE HOIST & CRANE WILL BE FINALIZED DURING DETAIL DESIGN. EL. 3-34-1012-01 LOCATED UNDER THICKENER AND WILL USE FOR UNDERFLOW PUMPS.
- THIS STREAM WILL BE USED FOR FIRST FILLING AND FLUSHING THE THICKENER.
- QUANTITY OF FILTRATE PUMPS AND PUMP BOXES WILL FINALIZED AFTER VENDOR SELECTED.
- CLOTH WASH WATER PUMP WILL USE IN A CERTAIN OF TIME IN EACH CYCLE.
- EACH PUMP WILL FEED 6.12 M3 SLURRY IN 2 MINUTES TO EACH FILTER PRESS PER ONE CYCLE.
- THE NUMBER AND SPECIFICATION OF WASH WATER PUMPS ARE UPDATED DEPENDING ON THE SELECTED VENDOR INFORMATION.
- IF THE MAIN CRANE IS NOT ACCESSIBLE TO THE SUMP PUMPS, A HOIST WILL BE ADDED DURING DETAILED ENGINEERING FOR MAINTENANCE.
- THE GENERAL ARRANGEMENT OF THE EQUIPMENT SHALL BE DESIGNED TO ALLOW FUTURE INSTALLATION OF A SECOND THICKENER.
- EL. 3-34-1012-05 WILL BE USED FOR CONDITIONING AREA SUMP PUMP.

KEYPLAN

REV.		DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	AUTHORIZED
06	2024.07.12		ISSUED FOR CONSTRUCTION				
04	2023.10.04		ISSUED FOR APPROVAL				
03	2023.09.02		ISSUED FOR APPROVAL				
02	2024.07.23		ISSUED FOR APPROVAL				
01	2024.06.03		ISSUED FOR APPROVAL				
00	2024.06.13		ISSUED FOR REVIEW				
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PFD for CU Concentrate Dewatering Area-34									
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CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
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CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		1 OF 2	
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CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

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CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
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CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
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CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF	

PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CONTRACT NUMBER		34-1012-05	
SHEET NUMBER		1 OF 2	
SHEET TITLE		GLAND SEAL WATER	
SHEET SCALE		1:50	
SHEET DATE		12/01/2024	
SHEET REVISION		1.00	
SHEET STATUS		ISSUED FOR CONSTRUCTION	
SHEET APPROVED BY		[Signature]	
SHEET APPROVED DATE		12/01/2024	
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SHEET APPROVED DATE		12/01/20	

PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CLIENT		34-1012-05	
VENDOR		34-1012-05	
REV.		00	
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PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CLIENT		34-1012-05	
VENDOR		34-1012-05	
REV.		00	
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PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CLIENT		34-1012-05	
VENDOR		34-1012-05	
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PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CLIENT		34-1012-05	
VENDOR		34-1012-05	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
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CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
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CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
CONCENTRATE DWT AREA-34		N.T.S	
CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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PROJECT INFORMATION		CLASS	
CONCENTRATE DWT AREA-34		SIZE	
CONCENTRATE DWT AREA-34		SCALE	
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CONCENTRATE DWT AREA-34		1 OF 2	
CONCENTRATE DWT AREA-34		SHEET NO.	
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CONCENTRATE DWT AREA-34		1 OF 2	
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CONCENTRATE DWT AREA-34		VENDOR	
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CONCENTRATE DWT AREA-34		SHEET NO.	
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CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
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CONCENTRATE DWT AREA-34		SHEET NO.	
CONCENTRATE DWT AREA-34		CLIENT	
CONCENTRATE DWT AREA-34		VENDOR	
CONCENTRATE DWT AREA-34		REV.	
CONCENTRATE DWT AREA-34		00	

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CONCENTRATE DWT AREA-34		1 OF	

PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CLIENT		34-1012-05	
VENDOR		34-1012-05	
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PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CONTRACT NUMBER		34-1012-05	
SHEET NUMBER		1 OF 2	
SHEET TITLE		Gland Seal Water	
DRAWN BY		J.S.	
CHECKED BY		J.S.	
DESIGNED BY		J.S.	
APPROVED BY		J.S.	
DATE		1/1/2020	
SCALE		1:1	
REVISIONS		1.00	
REVISION DESCRIPTION		1.00	
REVISION DATE		1/1/2020	
REVISION BY		J.S.	
REVISION CHECKED BY		J.S.	
REVISION APPROVED BY		J.S.	
REVISION DATE		1/1/2020	
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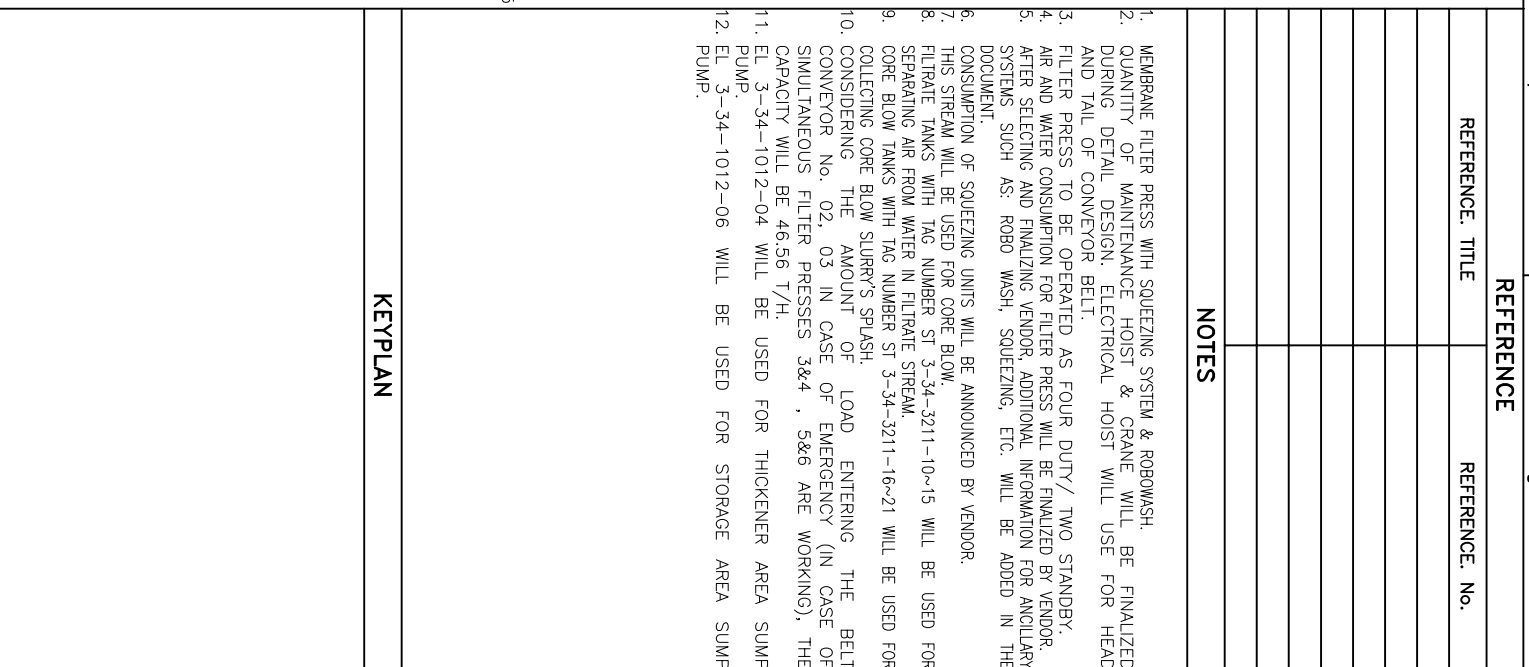
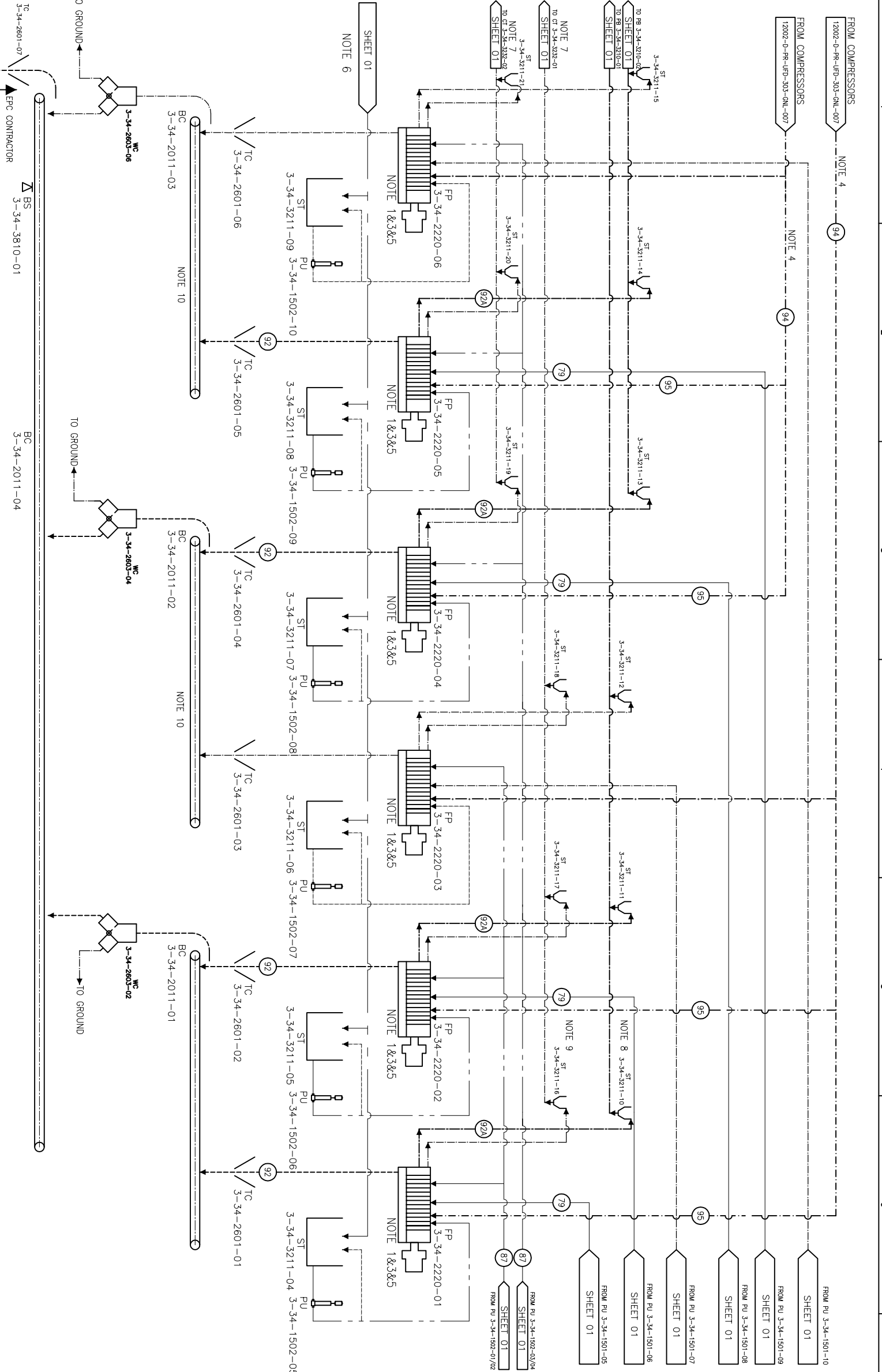
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Title:			
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EPC CONTRACTOR:		EPC CONTRACTOR:	
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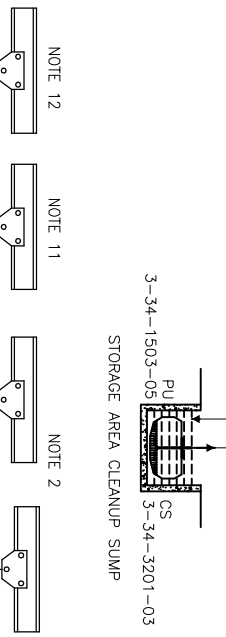
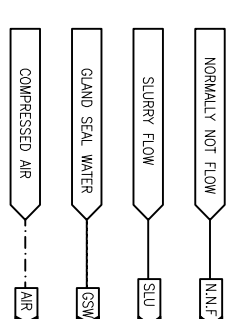
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SHEET APPROVED DATE		12/01/20	

PROJECT INFORMATION		EPC CONTRACTOR	
PROJECT NAME		34-1012-05	
CONTRACT NUMBER		34-1012-05	
SHEET NUMBER		1 OF 2	
SHEET TITLE		Gland Seal Water	
DRAWING CODE		34-1012-05	
DRAWING DATE		12/01/2023	
DRAWING SCALE		1:50	
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PROJECT INFORMATION		PROJECT NO. 28C3-D-4IN-PRD-034-0000-00-PR-0028	
CLIENT NAME		CINQUEVEGAS S.A.	
CONCENTRATION		Wt. %	20.00
SOLIDS		Wt. %	20.00
DENSITY		kg/m ³	1.20
DENSITY (CONC. Wt. %)		kg/m ³	1.20
DENSITY (SOLIDS Wt. %)		kg/m ³	1.20
TEMPERATURE		°C	23.00
SOLIDS (CONCENTRATION)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
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SOLIDS (Wt. %)		Wt. %	20.00
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SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	23.00
SOLIDS (Wt. %)		Wt. %	20.00
SOLIDS (DENSITY)		kg/m ³	1.20
SOLIDS (TEMPERATURE)		°C	



NOMINAL FLOW (680 DPH 0.4-C)										
Stream no	-	79	87	92A	92	93	94	95		
Solids	dm ³ /h	20.14	0.00	0.00	20.14	80.56	-	-	-	-
Solid	dm ³ /h	64.53	0.00	0.00	60.00	80.00	-	-	-	-
Water flowrate	m ³ /h	11.07	3.50	10.58	8.86	2.74	-	-	-	-
Slurry flowrate	m ³ /h	16.12	3.50	10.58	7.79	29.15	-	-	-	-
Slurry/bulk	l/h	31.21	3.50	10.58	22.88	89.52	-	-	-	-
Slurry/bulk Density	g/cm ³	1.84	1.00	1.00	2.60	2.60	-	-	-	-
Cu Grade	%	3.99	-	-	3.99	3.99	-	-	-	-
Cu Mass	l/h	22.75	-	-	22.75	22.75	-	-	-	-
Cu Distribution	%	4.58	-	-	4.58	18.33	-	-	-	-
Air flowrate	Nm ³ /min	22.25	-	-	22.25	89.00	-	-	-	-
Air pressure	bar(g)	-	-	-	-	-	-	8.00	8.00	-
DESIGN FLOW (500 DPH 0.4-C)										
Stream no	-	79	87	92A	92	93	94	95		
Solids	dm ³ /h	23.24	0.00	0.00	23.24	92.55	-	-	-	-
Solid	dm ³ /h	64.53	0.00	0.00	60.00	80.00	-	-	-	-
Water flowrate	m ³ /h	12.77	4.04	12.71	2.58	10.33	-	-	-	-
Slurry flowrate	m ³ /h	18.60	4.04	12.71	8.41	33.63	-	-	-	-
Slurry/bulk	l/h	36.01	4.04	12.71	25.82	103.29	-	-	-	-
Slurry/bulk Density	g/cm ³	1.84	1.00	1.00	2.60	2.60	-	-	-	-
Cu Grade	%	3.99	-	-	3.99	3.99	-	-	-	-
Cu Mass	l/h	22.75	-	-	22.75	22.75	-	-	-	-
Cu Distribution	%	5.29	-	-	21.15	21.15	-	-	-	-
Air flowrate	Nm ³ /min	22.25	-	-	22.25	89.00	-	-	-	-
Air pressure	bar(g)	-	-	-	-	-	-	8.00	40.00	8.00

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