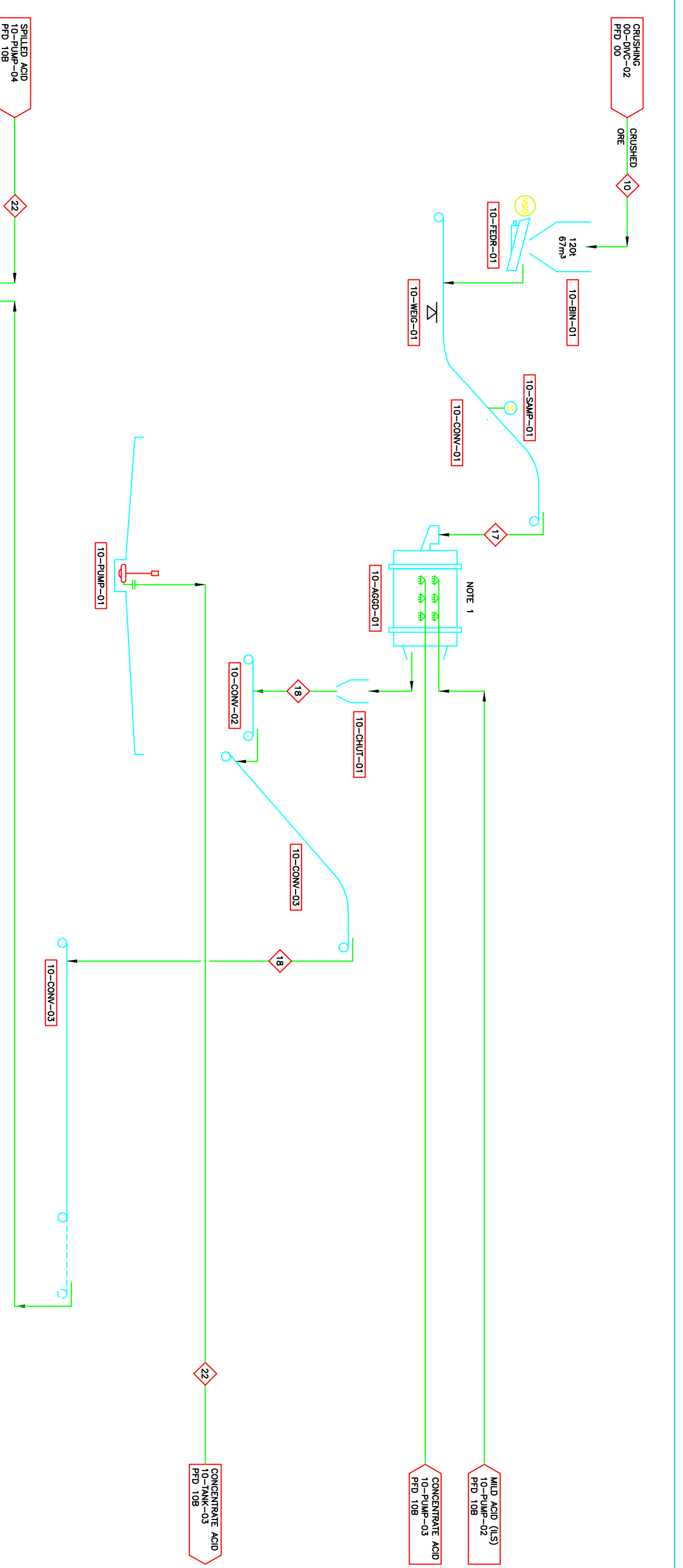


STREAM No.	10	17	18	19	22
DRY SOLIDS t/h	1282	1282	1282	1282	-
WATER t/h	81.8	81.8	147.8	213.8	31.37
WET SOLIDS t/h	-	-	1430	1498	-
SOLIDS SG t/m ³	2.6	2.6	2.6	2.60	-
REACTION SOLIDS FRACTION	0.94	0.94	0.90	0.88	-
ACIDS RD t/m ³	-	-	-	2.12	1.84
PARTICLE SIZE mm	-32	-32	-	-	-
COMMENT					

DESCRIPTION	Secondary Screens U/S	Agglomeration Drums Feed (Total)	Agglomeration Drums Disch. (Total)	Agglomeration Drum Discharge With Spilled Acid	Agglomeration Acid Spillage
DRY SOLIDS t/h	1346	1346	1346	1346.2	-
WATER t/h	85.9	85.9	1498	1564.1	68.98
WET SOLIDS t/h	-	-	-	-	-
SOLIDS SG t/m ³	2.6	2.6	2.6	2.60	-
REACTION SOLIDS FRACTION	0.94	0.94	0.90	0.88	-
ACIDS RD t/m ³	-	-	-	2.13	1.84
PARTICLE SIZE mm	-32	-32	-	-	-
COMMENT					

NOMINAL MASS BALANCE

DESCRIPTION	Secondary Screens U/S	Agglomeration Drums Feed (Total)	Agglomeration Drums Disch. (Total)	Agglomeration Drum Discharge With Spilled Acid	Agglomeration Acid Spillage
DRY SOLIDS t/h	1282	1282	1282	1282	-
WATER t/h	81.8	81.8	147.8	213.8	31.37
WET SOLIDS t/h	-	-	1430	1498	-
SOLIDS SG t/m ³	2.6	2.6	2.6	2.60	-
REACTION SOLIDS FRACTION	0.94	0.94	0.90	0.88	-
ACIDS RD t/m ³	-	-	-	2.12	1.84
PARTICLE SIZE mm	-32	-32	-	-	-
COMMENT					



EQUIPMENT LIST

No.	EQUIP. No.	DESCRIPTION	KW
01	10-BIN-01	AGGLOMERATION DRUM FEED BIN	-
02	10-FEED-01	AGGLOMERATION DRUM FEEDER	-
03	10-WEIG-01	AGGLOMERATION FEED SCALE	-
04	10-CONV-01	AGGLOMERATION DRUM FEED CONVEYOR	-
05	10-AGSD-01	AGGLOMERATION DRUM No.1	-
06	10-CHUT-01	AGGLOMERATION DRUM DISCHARGE CHUTE	-
07	10-CONV-02	AGGLOMERATION DRUM DISCHARGE CONVEYOR	-
08	10-PIUMP-01	AGGLOMERATION DRUM SPILLAGE PUMP	-
09	10-CONV-03	AGGLOMERATION STOCKPILE FEED CONVEYOR	-
10	10-SAMP-01	ACCOUNTING SAMPLER	-

NOTES:
1. 45-60 SEC RETENTION TIME.

EQUIPMENT LIST - B

No.	EQUIP. No.	DESCRIPTION	KW
11	20-CONV-01	PUMP CONVEYOR	-
12	20-CONV-02A	HOPPER CONVEYOR 1	-
13	20-CONV-02B	HOPPER CONVEYOR 2	-
14	20-CONV-02C	HOPPER CONVEYOR 3	-
15	20-CONV-02D	HOPPER CONVEYOR 4	-
16	20-CONV-03	TRANSFER CONVEYOR	-
17	20-CONV-04	SHACKLE FEED CONVEYOR	-
18	20-CONV-05	SHACKLE / SINKER CONVEYOR	-



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CLIENT	
PROJ MANAGER	
D.O. MANAGER	
PROCESS ENG.	G.Goldenhuys
SECT LEADER	
CHECKED	
DRAWN	Z.Smit
APPROVAL	
SIGNATURE	
DATE	19.08.07

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DAREHZARE COPPER MINE - IRAN
AGGLOMERATION
PROCESS FLOW DIAGRAM

A1	SCALE	JOB NO	DRAWING NO	REVISION
NTS		SP336	PFD 10A	E

REVISIONS

REV	DATE	DESCRIPTION	BY	CHK/D/APPR
E	24.10.07	GENERAL CHANGES	N.M.	G.G.
D	04.10.07	MASS BALANCE UPDATED	Z.S.	G.G.
C	18.09.07	DRAWING REDESIGNED	Z.S.	G.G.
B	11.09.07	GENERAL UPDATES	Z.S.	G.G.
A	30.06.07	ISSUED FOR CLIENT COMMENTS	Z.S.	G.G.

LEGEND
 BATTERY LIMIT
 VARIABLE SPEED
 BYPASS/ALTERNATIVE
 BY HAND/HOIST/FORKLIFT
 VENDOR PACKAGE