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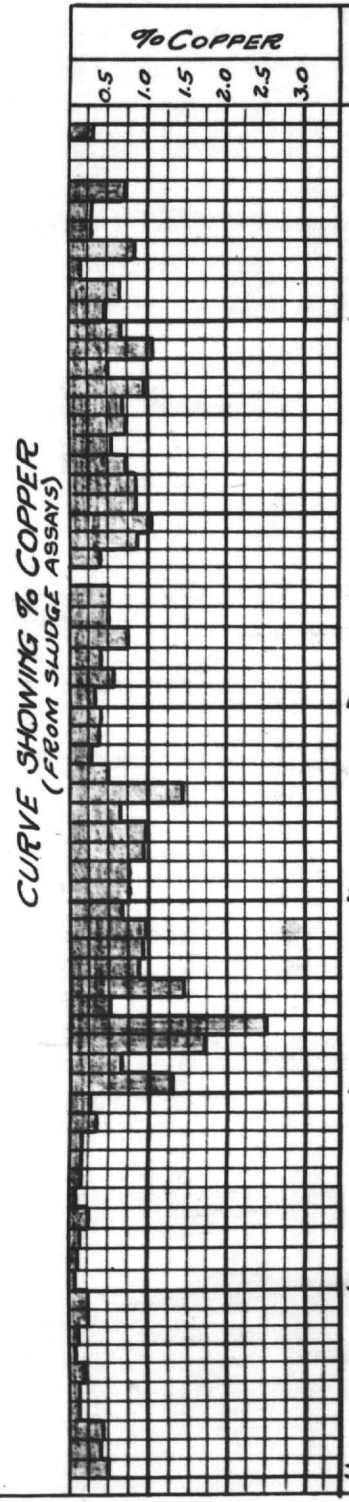
D.D.H. NO. 10 - ASSAY RECORD

SHEET NO. 1



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	.30	.20	60	Alaskite Silicious Fair Pyr. Tr. Chalcocite
	Nil	.10	60	" " " " Last 3' ox.
	Nil	Nil	60	" Oxidized
	.72	Nil	42	" "
	.30	Nil	60	" "
	.30	Nil	54	" "
	.85	.17	60	" Partly " Small Pyr.
	.17	.13	60	" "
	.64	.24	60	" " " " " Last 2' Fair Chalcocite
50	.47	.22	60	" " First 1' Small "
	.68	.03	60	" "
	1.10	.28	60	" " " Last 2' disseminated "
	.51	.39	60	" Fair " "
	.93	.65	60	" Small " " Small Pyr.
	.68	.42	60	" " " " "
	.72	.23	60	" " " " " "
	.55	.02	60	" Tr. " " Tr. "
	.72	.17	60	" Last 18" Small " "
	.85	.41	60	" " Oxidized " " "
100	.88	.44	55	" " " " " Fair "
	1.06	.42	55	" " " " " "
	.88	.28	57	" " " " " " "
	.42	.20	56	" " " " " " "
	Tr.	Nil	57	" " " Leached
	.51	.29	58	" " " " (Contain Sericite
	.51	.36	58	" 2' as above Last 3' Small Chalcocite " " samples beginning with 85 may
	.76	.59	60	" Leached
	.42	.11	60	" "
	.59	.40	60	" Fair Pyr. Tr. chalcocite
150	.34	.28	60	" Silicious " " " "
	.42	.26	36	" Small "
	.38	.17	57	" " Partly Oxidized
	.30	.03	57	" Altered
	.51	.23	58	" "
	1.44	.63	58	" 3' " 2' black siliceous Small Pyr. small Chalcocite
	.64	.36	56	" 4½' " 6" " " Fair " Fair "
	.97	.92	60	" Fair Pyr. Tr. Chalcocite
	.93	.46	60	" Small " Small "
	.76	.30	60	" " " Tr. "
200	.76	.22	60	" Fair "
	.68	.36	60	" " " " "
	.97	.57	60	" " " Small "
	.93	.43	60	" Small " Tr. "
	.87	.51	60	" " " " "
	1.44	.90	60	" Fair " Small "
	.52	.24	60	" " " Tr. "
	2.53	.52	36	" " " " " Partly Oxidized
	1.74	2.40	36	" " " " " " "
	.65	.79	60	" Small " " " " "
250	1.31	.72	60	" Fair " Fair "
	.26	.17	60	" " "
	.35	.11	60	" " "
	.17	.11	60	" " "
	.17	.11	60	" " "
	.17	.18	60	" " "
	.10	.10	48	" " "
	.26	.08	52	" " " (Siliceous)
	.17	.16	55	" " "
	.13	.14	37	" " " Partly Oxidized
300	.10	.15	60	" " " " "
	.26	.29	60	" " "
	.26	.16	27	" " "
	.13	.08	47	" " "
	.10	.13	40	" " "
	.22	.18	57	" " "
	.13	.21	60	" " "
	.13	.05	54	" " "
	.44	.24	54	" " "
	.39	.25	33	" (Red. Oxidized) and Gouge
350	.52	.25	42	" Fair Pyr.

3 R MINE

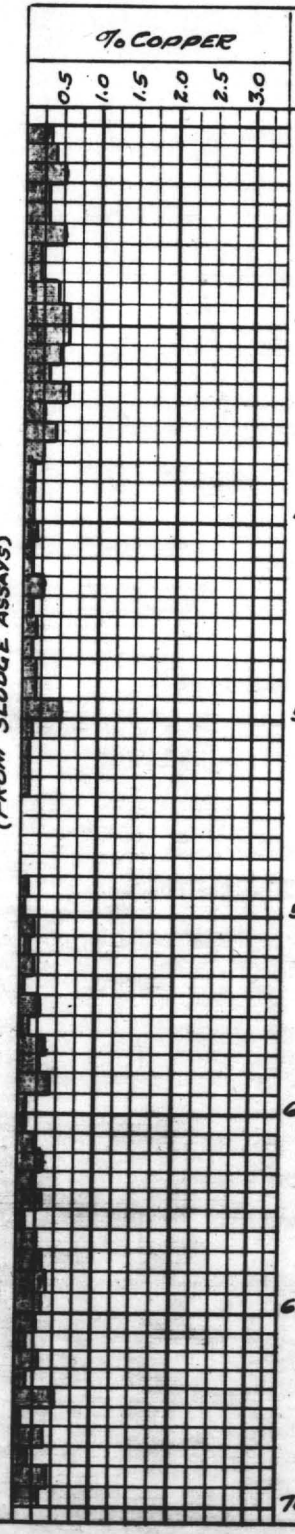
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

OCT. 1920.

D.D.H. NO. 10 - ASSAY RECORD

SHEET No. 2



DEPTH	SLUDGE ASSAYS	SPLIT CORE ASSAYS	INS. CORE SAVED	REMARKS
350				
	.35	.27	48	Alaskite Fair Pyr.
	.39	.19	33	" " " Partly Oxidized
	.52	.48	38	" " "
	.30	.28	27	" " "
	.30	.32	44	" 2', Tr. " 3' Por.
	.52	.24	24	Por. Small "
	.22	.33	34	" " "
	.22	.16	58	" " "
	.44	.25	60	" 3', " " 2' Alaskite
400	.57	.28	39	Alaskite Fair " 6" Siliceous ground mass
	.57	.32	60	" " " Tr. Chalcocite
	.48	.29	60	" Small "
	.35	.22	60	" Fair "
	.57	.20	60	" " "
	.26	.22	44	" " "
	.39	.18	54	" " "
	.26	.30	45	" Partly Oxidized
	.13	.25	52	" " "
	.13	.16	46	" "
450	.13	.16	52	" Altered Small Pyr.
	.17	.24	59	" " "
	.13	.21	24	" " "
	.13	.20	40	" Slightly Oxidized " "
	.26	.12	47	" " " " "
	.13	.22	59	" " " " "
	.17	.12	52	" Partly " " "
	.13	.21	50	" " "
	.17	.18	48	" Tr. Chalcocite " "
	.17	.18	55	" " " " "
500	.52	.15	39	" " " " "
	.13	.21	55	" " " " "
	.10	.20	51	" " " Fair "
	.10	.24	49	" " " " "
	.10	.16	60	" 4', 1' Por. Small "
	Nil	.13	60	" " "
	Nil	Nil	60	" & Por. " "
	Nil	Nil	60	" " "
	Nil	Nil	60	" Small Pyr.
	.10	Nil	60	" " "
550	.05	Nil	53	" " "
	.17	Nil	55	" " "
	.13	.02	52	" " "
	.17	.03	51	" " "
	.05	.07	53	" " "
	.26	.07	59	" " "
	.13	.15	60	Por. " "
	.35	.24	60	" " "
	.26	.13	60	" " "
	.39	.20	52	" " "
600	.10	Nil	60	" " "
	.10	Nil	60	" Good "
	.22	Nil	53	Alaskite & Por. Fair "
	.35	Nil	22	" Fair "
	.22	Nil	22	" " "
	.30	.24	26	" " "
	.13	.29	28	" " " (Fair Chalcocite)?
	.26	.11	33	" " "
	.34	.03	19	" " "
	.39	Nil	30	" & Por. Small "
650	.34	.11	21	Por. " " (Siliceous)
	.26	.12	26	" " "
	.17	.06	50	" " "
	.30	.11	60	" " "
	.17	.17	60	" " "
	.52	.28	60	" " "
	.10	.11	60	" " "
	.39	.15	60	" " "
	.21	Nil	55	" " "
	.43	Nil	54	" " "
700	.34	Nil	58	" " "

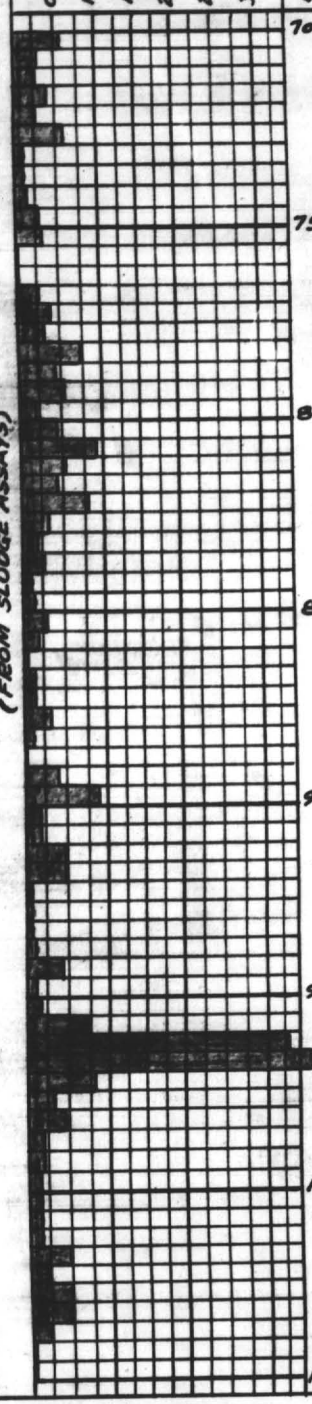
3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

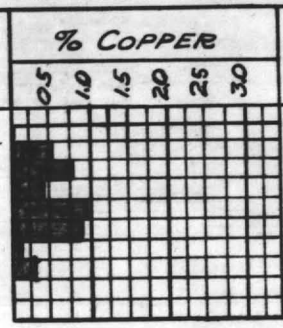
PATAGONIA, ARIZ.

OCT. 1920.

D.D.H. NO. 10 - ASSAY RECORD



DEPTH	SLUDGE ASSAYS	SPLIT CORE ASSAYS	LBS. CORE SAVED	REMARKS			
700	.56	Nil	53	Por.	Small	Pyr.	
	.30	Nil	56	"	"	"	
	.26	Nil	60	"	Fair	"	
	.39	.06	60	"	"	"	
	.26	.12	56	"	Good	"	
	.60	.12	56	"	Fair	"	
	.13	.20	57	"	"	"	
	.13	.18	56	"	"	"	
	.17	.11	36	"	"	"	
750	.30	.15	54	"	"	"	
	.34	.20	54	"	"	"	
	Nil	.08	60	"	"	"	
	Nil	.09	60	"	"	"	
	.26	.11	42	Alaskite	Small	"	
	.43	.09	23	"	"	"	
	.34	.20	37	"	"	"	
	.73	.18	52	"	"	"	
	.43	.27	31	Por.	"	"	
	.52	.11	57	" 1'	Fair	"	4' Alaskite
800	.21	.03	60	Alaskite	Good	"	
	.47	.12	41	"	Small	"	
	.90	.05	48	Por.	"	"	
	.52	Nil	60	"	"	"	
	.43	Nil	60	"	Fair	"	
	.77	Nil	60	"	"	"	
	.34	Nil	60	"	"	"	
	.21	Nil	52	Alaskite	Good	"	Tr. Chalcocite
	.26	Nil	52	" & Por.	Fair	"	
	.13	.24	51	Por.	"	"	
850	.17	.08	27	"	Small	"	
	.30	.20	54	Alaskite	"	"	
	.22	.02	32	"	"	"	
	.08	.09	52	"	"	"	
	.17	.04	27	"	"	"	
	.17	.21	29	"	Fair	"	Tr. Chalcocite
	.35	.31	40	"	¼ veinlet	Pyr.	1st Foot
	.13	.16	30	"	Small	Pyr.	
	Nil	.02	21	"	"	"	
	.39	.15	45	Por. ?	Fair	"	
900	.87	.08	28	"	"	"	
	.22	.07	34	Alaskite	"	"	
	.22	.03	37	"	"	"	
	.48	Nil	36	"	"	"	
	.48	Nil	36	"	"	"	
	.09	Nil	45	"	"	"	
	.09	.15	38	"	Altered Good	"	
	.09	.17	41	"	Fair	"	
	.13	.11	50	"	"	"	
	.43	.07	56	"	"	"	Tr. Chalcocite
950	.13	.04	58	"	"	"	" "
	.17	.22	60	"	"	"	
	.74	.46	60	Por. ?	"	"	
	3.27	.19	33	⅔ " ⅓ Alaskite	Fair	Pyr.	(Entered fracture at 968
	3.70	8.50	31	Alaskite	Good Pyr. and Chalcocite to 968. Rem. ox. Por. Bit followed a ½" seam of Chal. + Pyr. 965 to 968')		
	.78	.11	37	"	Fine Grained	Oxidized	"
	.33	.04	25	"	"	"	"
	.44	.19	16	"	"	"	"
	.47	.10	30	"	Altered and		"
	.17	.17	25	"	Heavy Oxidation		
1000	.13	.25	8	"	Altered and	Oxidized	
	.13	.21	12	"	"	"	"
	.13	.02	39	"	"	"	"
	.13	.04	49	"	"	"	"
	.48	.04	25	"	"	"	"
	.26	.03	29	"	"	"	"
	.48	Nil	49	"	"	"	"
	.48	Nil	30	"	"	"	"
	.26	Nil	49	"	"	"	"
	Nil	Nil	43	"	"	"	"
1050	Nil	Nil	48	"	"	"	"



DEPTH	SLUDGE ASSAYS	SPLIT CORE ASSAY	LBS. CORE SAVED	REMARKS			SHEET No. 3
1050	Nil	Nil	30	Alaskite	Partly	Oxidized	
	.56	.04	15	"	"	"	
	.78	.15	25	"	"	"	Left Fr. 1065
	43	.19	60	"	Siliceous	Small	Pyr.
	96	.14	59	"	"	"	"
	.87	.03	35	"	"	"	"
	.13	.03	47	"	"	"	"
	.35	.04	46	"	"	"	"
1090	END OF HOLE						

3 R MINE

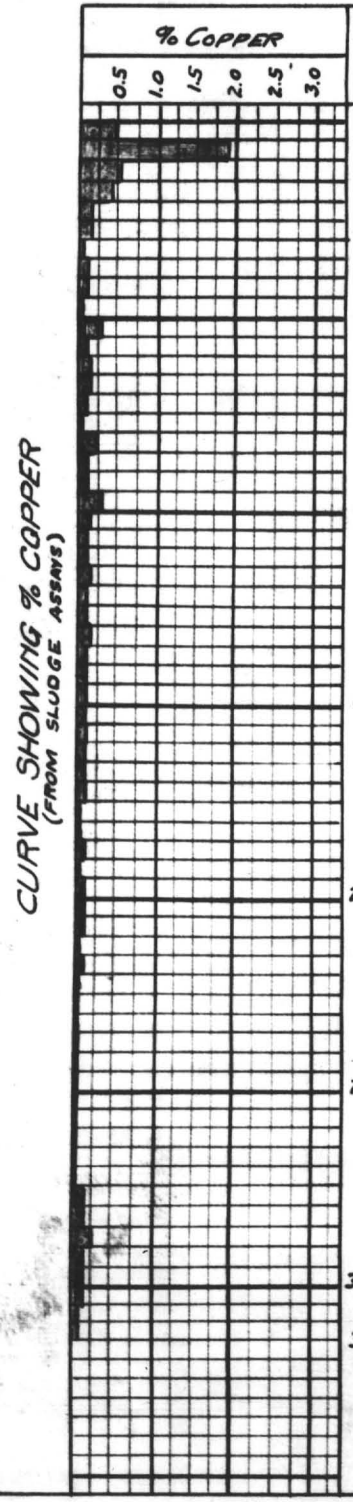
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

OCT, 1920.

D.D.H. NO. 9 - ASSAY RECORD

SHEET NO. 1



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.45	Tr.	37	Alaskite Ox. silicified
	1.86	0.50	47	" 18" " " Remainder Fair Pyr.
	0.55	0.43	46	" Silicified Fair Pyr.
	0.40	0.40	60	" " Small " Ox. in seams
	0.15	0.17	60	" " " "
	0.15	0.15	60	" " " "
	0.05	0.15	56	" " " " Small veinlets Chalcocite
	0.10	0.20	60	" " " " 5" Fair Pyr. coated with Chalcocite
	0.10	0.15	60	" " " "
50	0.05	0.21	60	" " 1st Foot Rem. Alt. and ox. Por.
	0.30	0.47	60	Por. Altered
	0.10	0.20	55	Alaskite Small Pyr.
	0.15	0.22	35	" " "
	0.15	0.32	60	" " " 1st Foot Small veinlet Chalcocite
	0.10	0.23	49	" Partly Ox. and Alt.
	0.05	0.10	48	" Alt. Sheared. Ox.
	0.20	0.22	44	" " " "
	0.10	0.16	44	" Small Pyr.
	0.10	0.14	60	" " "
100	0.30	0.32	60	" " " Small disseminated Chalcocite
	0.15	0.23	53	" " " Sheared
	0.10	0.14	55	" " " "
	0.10	0.15	51	" Tr. "
	0.15	0.20	45	" Small " Small coating chalcocite
	0.10	0.18	51	" " "
	0.12	0.19	23	" " "
	0.15	0.21	20	" " "
	0.10	0.16	44	" Tr. "
	0.10	0.13	56	" " "
150	0.10	0.10	60	" " "
	0.07	0.15	55	" " "
	0.10	0.10	60	" " "
	0.07	0.10	59	" Small "
	0.07	0.10	60	" " "
	0.10	0.10	60	" 6" Good "
	0.05	0.05	46	" Small "
	0.05	Tr.	59	" " "
	0.10	0.10	33	" " " 4' - 1' Por.
	0.05	0.05	50	" " " 4' - 1' "
200	0.10	0.10	53	" " " 40" - 20" "
	0.10	0.05	40	" " "
	0.10	0.05	60	Por. Tr. "
	0.05	0.01	59	" " " Tr. Chalcocite ?
	0.10	0.05	60	"
	0.05	0.05	60	Alaskite " "
	0.05	0.05	60	" Small veinlets Pyr.
	0.05	0.05	58	" " Pyr.
	0.05	0.05	60	" " " " 16" Crushed, clayey
	0.05	0.05	52	" " "
250	0.05	0.05	60	" Fair "
	0.05	0.05	58	" " "
	0.05	0.05	44	" " "
	0.05	0.05	49	1/2 " 1/2 Por. Small Pyr.
	0.05	0.05	43	Por. Alt.
	0.05	0.05	46	" " " " Small Coating Pyr.
	0.15	0.15	37	" " " " " " "
	0.15	0.15	47	" " " " " " "
	0.25	0.25	48	Alaskite (grading into) Small Pyr.
	0.15	0.15	51	" Alt. Clayey at end
300	0.15	0.15	57	" " " Small Pyr.
	0.15	0.15	60	" " " " "
	0.10	0.10	32	" " " " "
312	0.10	0.10	8	" " " " "
	End	of Hole		

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

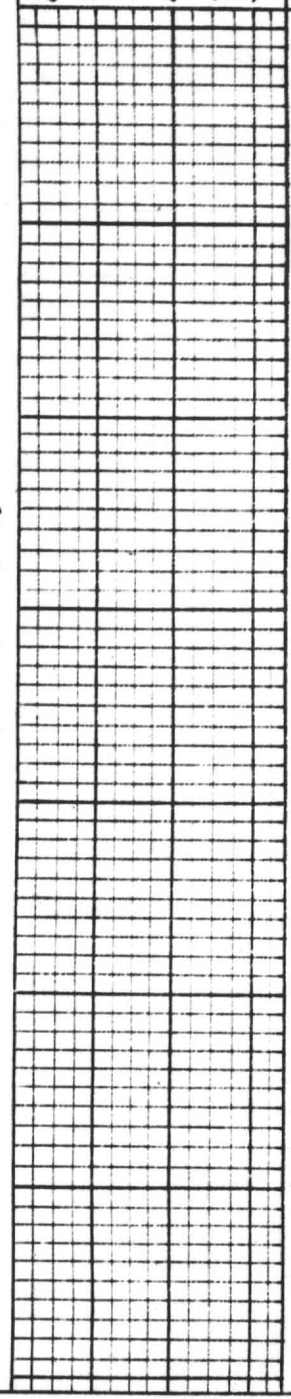
PATAGONIA, ARIZ.

AUG. 1920.

D.D.H. NO.11 - ASSAY RECORD

SHEET No.1

CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)

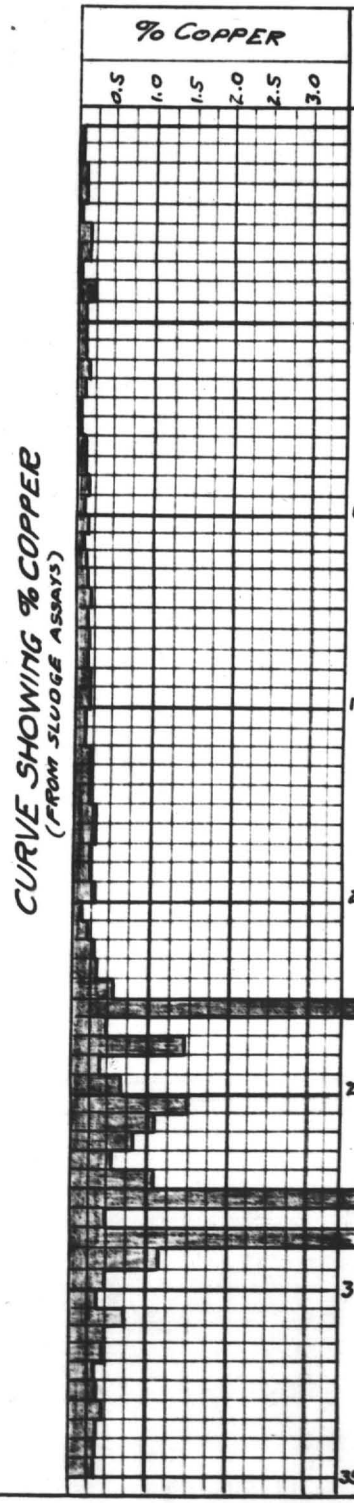


DEPTH	SLUDGE ASSAYS	SPLIT CORE ASSAYS	INS. CORES SAVED	REMARKS
0	Nil	Nil		Porphyritic Rock. (Oxidized)
	"	"		" " "
	"	"		" " "
	"	"		" " "
	"	Tr.		" " "
	"	"		" " "
	"	"		" " Qtz. "
	"	"		" " " "
50	"	.15		" " " "
	"	Nil		" " " "
	"	Tr.		" " " "
	"	Nil		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
100	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
150	"	"		" " " " Note Rock shows Phenocrysts more heavily oxidized than remainder of rock which may be source of iron.
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
200	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
250	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
300	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
	"	"		" " " "
321	"	"		" " " "
	End of Hole			

3 R MINE
PATAGONIA-SUPERIOR COPPER CO.
PATAGONIA, ARIZ.
DEC. 1920.

D.D.H. NO. 8 - ASSAY RECORD

SHEET No. 1



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	.05	.05	51	Alaskite Fair Pyr.
	.05	.05	60	" " " 12" Pyr. Ox.
	.10	.05	60	" and Silicified Rock Fair Pyr.
	.10	.15	60	" Small Pyr.
	.05	.05	47	" " " " Sample short and contains crushed rock May indicate Fracture
	.15	.30	60	" " " " 6" of ¼" Pyr. Veinlet
	.12	.05	60	" " "
	.05	.10	54	" " "
	.24	.17	48	" " "
50	.10	.20	53	" " " " 1" good pyr.
	.10	.15	39	" " "
	.10	.15	45	" " "
	.15	.30	48	" " " " 6" pyr. part. ox.
	.10	.20	60	" Fair "
	.05	.10	60	" Good "
	.05	.10	60	" Fair "
	.10	.12	51	" Small "
	.10	.10	51	" " "
	.15	.20	51	" " "
100	.10	.15	60	" 6" Por. Small pyr.
	.15	.25	60	" Small Pyr.
	.10	.15	60	" Tr. "
	.12	.20	54	" " "
	.15	.20	52	" " "
	.20	.20	58	" Small " Alt.
	.15	.20	51	" and Por. Tr. "
	.17	.20	60	Alt. Por. Tr. Pyr.
	.15	.15	60	" " " "
	.20	.15	24	" " Small "
150	.20	.20	55	" Alaskite " "
	.12	.15	60	Alaskite " "
	.12	.10	60	" " "
	.22	.10	60	" Tr. "
	.20	.15	60	" 1' Por 4' Tr. Pyr.
	.20	.25	48	" Small Pyr. Tr. chalcocite
	.29	.15	60	" Tr. "
	.29	.20	40	" " "
	.24	.15	54	" Fair "
	.24	.20	57	" Small " Tr. chalcocite
200	.27	.25	40	" (Alt.)
	.12	.20	60	" (Silicified) Tr. Pyr.
	.20	.12	60	" (Course) " "
	.29	.22	60	" " " "
	.39	.22	60	" Fair Pyr.
	.60	.15	25	" Small "
	3.83	.07	42	" Fair "
	0.50	.15	60	" Small "
	1.45	.15	60	" " "
	0.40	.20	46	" " "
250	0.65	.10	60	" " "
	1.50	.07	57	" " "
	1.10	.15	53	" " "
	0.80	.12	40	" " "
	0.55	.10	51	" " "
	1.10	.15	57	" " "
	5.42	.10	60	" " "
	0.50	.10	60	" " "
	7.80	.07	49	" " " Slightly Altered
	1.15	.15	60	" " " " "
300	0.50	.10	60	" " " " "
	0.35	.15	60	" " " " "
	0.75	.15	60	Por. " " " "
	0.50	.20	60	" " " " "
	0.45	.15	60	" " " " "
	0.30	.20	60	" " " " "
	0.35	.10	60	" " " " "
	0.45	.10	60	" " " " "
	0.40	.25	60	" " " " "
	0.40	.22	60	" " " " "
350	0.35	.20	60	" " " " "

3R MINE

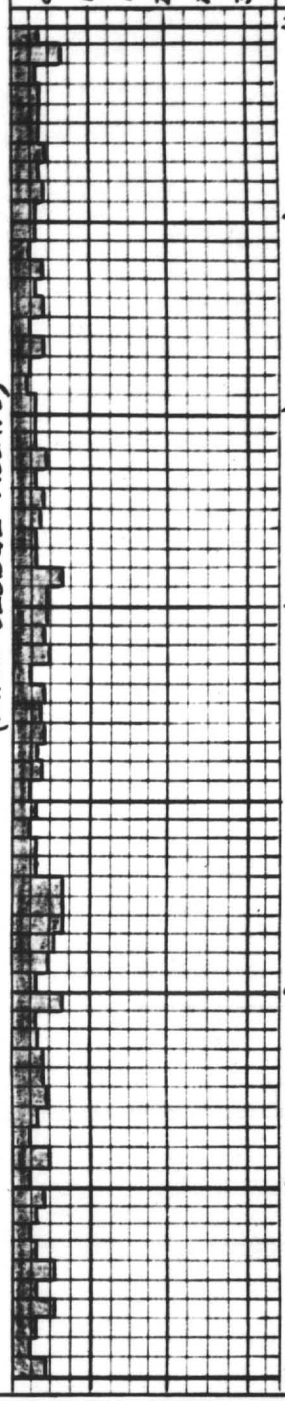
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

SEPT. 1920.

D.D.H. NO. 8 - ASSAY RECORD

SHEET No. 2



CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)

DEPTH	SLUDGE ASSAYS	SPLIT CORE ASSAYS	INS. CORE SAVED	REMARKS
350	0.35	0.15	60	Alaskite Small Pyr. Slightly Altered
	.65	0.20	51	" " " " "
	.30	0.20	54	" " " " "
	.35	0.25	54	" & Por. " " " "
	.35	0.25	47	Por. " " " "
	.32	0.25	60	" " " " "
	.45	0.30	60	" " " " "
	.35	0.20	57	" " " " "
	.40	0.20	60	" " " " 1' Alaskite
400	.30	.10	16	Alaskite crushed clayey. Small Pyr.
	.30	.10	24	" " " " "
	.25	.15	20	" Altered Small Pyr.
	.40	.30	60	" " " "
	.30	.20	56	" " Fair "
	.40	.18	60	" & Por. " " "
	.25	.10	60	Por. " " "
	.40	.10	57	Alaskite & Por. " Small "
	.25	.10	60	" " " " Fair "
	.20	.10	60	Por. " Small "
450	.30	.10	58	" " " "
	.30	.15	54	Alaskite Slightly Altered " "
	.30	.25	46	" " " " "
	.45	.15	50	" " " " "
	.30	.10	53	" " " Fair "
	.40	.10	57	" " " Small "
	.35	.10	60	" " " " "
	.30	.30	27	" " " " "
	.32	.30	24	" Crushed " " " " Tr. Chalcocite
	.62	.17	46	Por. " " Fair "
500	.45	.10	56	" " " " "
	.45	.15	50	" " " " "
	.40	.10	60	" " " 2" massive Pyr.
	.50	.10	60	" " " Fair Pyr.
	.25	.10	50	" " " Small " 4" Pink Alunite
	.40	.25	60	" " " " "
	.35	.30	60	" " " " "
	.40	.10	60	" " " " "
	.30	.10	60	" " " " "
	.35	.10	60	" " " " "
550	.25	.20	60	" " " " "
	.30	.10	60	" " " " "
	.25	.18	55	" " " " "
	.35	.30	54	" " " " " & Alaskite
	.35	.28	34	" " " " " " "
	.65	.35	54	" " " " " " "
	.65	.40	49	" " " " " " " Tr. Chalcocite
	.65	.29	42	Por. Small Pyr. & Alaskite slightly Altered
	.55	.30	32	" " "
	.50	.24	51	" " "
600	.35	.05	60	" " "
	.65	.20	56	" " "
	.30	.40	26	" " "
	.36	.15	25	" " "
	.40	.20	33	" " "
	.40	Tr.	54	" " "
	.47	.10	40	" " "
	.35	.10	60	" To 632 Alaskite Small Pyr.
	.25	.10	52	Alaskite Small Pyr.
	.50	.10	50	" " "
650	.20	.10	51	" " "
	.40	.10	60	" " "
	.30	.10	60	" " "
	.25	.15	43	" " "
	.30	.15	30	" " "
	.55	.15	45	" " "
	.30	.10	34	" " "
	.60	.20	24	" " " crushed
	.35	.20	26	" " "
	.25	.20	26	" " "
700	.45	.25	15	" " " crushed

3R MINE

PATAGONIA-SUPERIOR COPPER CO.

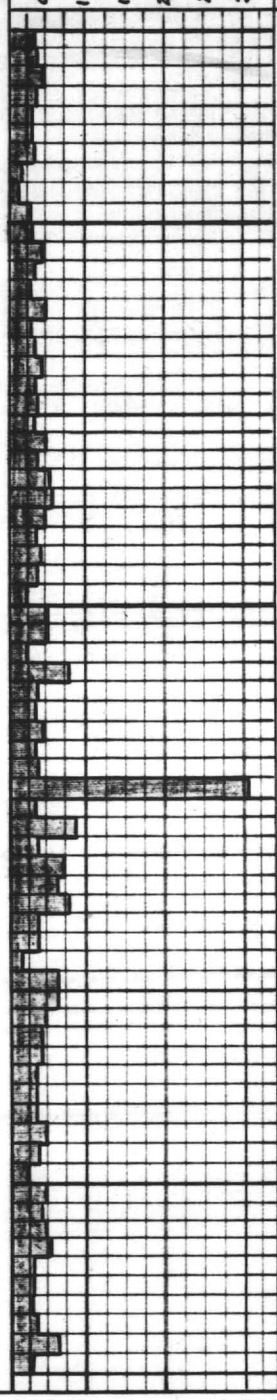
PATAGONIA, ARIZ.

SEPT. 1920.

D.D.H. NO. 8 - ASSAY RECORD

SHEET No. 3

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700				
	.35	.25	50	Alaskite Small Pyr.
	.40	.15	24	" " "
	.47	.15	36	" " "
	.40	.15	26	" " "
	.30	.20	34	" " "
	.30	.20	26	" " "
	.35	.20	36	" " "
	.20	.40	24	" " " 2" Pyr. coated with chalcocite
	.12	.20	31	" " " 3" Ground gouge
750	.27	.20	16	" " "
	.30	.20	24	" Fair "
	.45	.25	26	" Small " Crushed
	.35	.08	32	" " "
	.30	.15	60	" " "
	.50	Nil	45	" " "
	.30	Nil	37	" " "
	.35	Nil	42	" " "
	.45	.04	34	" Fair "
	.37	.02	52	" " "
800	.40	.04	60	" " " ¼" veinlet Pyr. cuts core twice
	.35	.05	60	" " "
	.50	.03	60	" " "
	.40	.06	60	" " "
	.60	.18	33	" " "
	.67	.21	20	" " "
	.49	.18	60	" " " Slight ox. at end
	.34	.11	48	" (Ox.)
	.44	.10	60	" "
	.37	.18	54	" (Partly Ox.)
850	.25	.13	52	" " " intermittent ox. 830-850 ox. Fracture. Ends at 850
	.54	.11	60	" Fair Pyr.
	.54	.24	60	" " "
	.25	.19	60	" " "
	.79	.11	60	" " "
	.39	.19	60	" Small " 1' Fine Grained
	.34	.11	60	" " " Shattered
	.44	.18	59	" " " Slickensides
	.34	.19	59	" " " Occasional Fine Grained
	.39	.13	60	" " " " " "
900	3.05	.18	30	" Fair " " " "
	.34	.17	40	" " "
	.88	.18	59	" " "
	.37	.20	56	" " "
	.74	.18	39	" " "
	.64	.24	56	" " "
	.79	.25	60	" " "
	.39	.24	60	" " "
	.39	.20	59	" " "
	.15	.17	60	" (Altered) Small " Shattered
950	.64	.93	60	" " Fair " Chalcocite coating
	.59	.13	60	" " "
	.49	.04	60	" " "
	.39	.25	56	" " "
	.44	.22	60	" (Altered) Small "
	.34	.10	60	" " " "
	.34	.08	60	" " " "
	.34	.18	60	" " " "
	.49	.19	60	" " " Broken up
	.39	.16	56	" " " " "
1000	.25	.17	56	" " " " "
	.49	.11	60	" " " " "
	.44	.17	60	" " " " "
	.49	.17	60	" " " " "
	.54	.26	60	" (Altered) " "
	.30	.33	60	" Ox. " "
	.30	.23	52	" " " "
	.27	.13	47	" " 1' thoroly oxidized.
	.34	.25	60	" Partly Ox. 2' Fine Grained
	.65	.25	60	" " "
1050	.27	.03	52	" Ox. and Crushed

3R MINE

PATAGONIA-SUPERIOR COPPER CO.

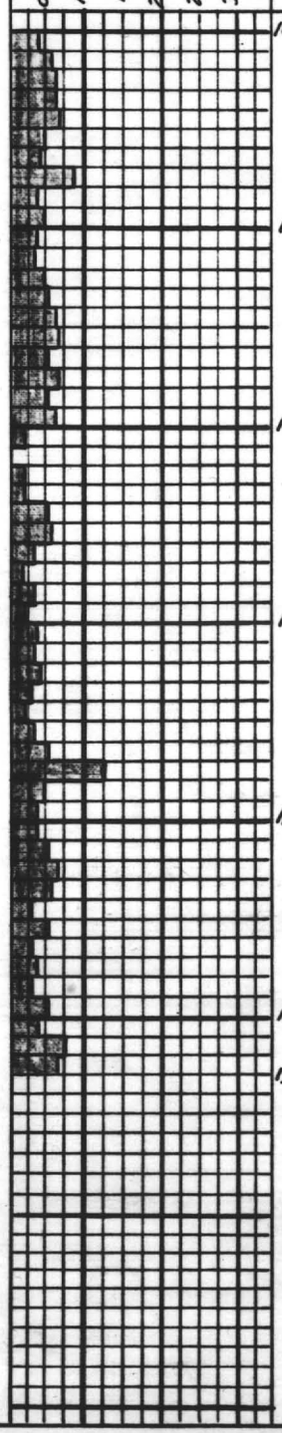
PATAGONIA, ARIZ.

SEPT. 1920

D.D.H. NO.8 - ASSAY RECORD

SHEET No. 4

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
1050				
	.38	.16	50	Alaskite Ox. and crushed
	.60	.17	60	" Partly Ox. and Altered
	.45	.26	60	" Altered
	.65	.42	50	" " Ox.
	.71	.38	42	" (Ox.) & Por.
	.49	.33	51	Por. Partly Ox.
	.43	.09	47	" last 1' Alaskite (alt.)
	.82	.09	37	Alaskite Altered and Ox.
	.38	.15	41	" " " "
1100	.49	.05	38	" & Por. Altered and crushed
	.38	.04	36	Por. Altered and ox.
	.33	Nil	40	" " " "
	.49	.06	50	" " Small Pyr.
	.54	.10	58	" & Alaskite " " (Altered.) Tr chalcocite
	.65	.19	60	" Small Pyr.
	.71	.13	60	" Fair "
	.54	.15	60	" " "
	.71	.04	60	" Good "
	.54	.11	60	" Fair "
1150	.65	.25	26	" much altered at 1150.
	.22	.24	41	" Small Pyr.
	Tr.	.28	56	" " "
	.22	.19	60	" " "
	.22	.15	60	" " "
	.54	.18	48	" & Alaskite Fair Pyr.
	.60	.22	60	" " " " "
	.33	.25	47	" " " " "
	.16	.26	21	" " " " " (Crushed)
	.33	.11	30	" Good Pyr.
1200	.22	.11	43	Alaskite Fair "
	.38	.18	45	" Silicified Fair Pyr.
	.33	.16	50	" " " "
	.43	.20	50	" " " "
	.27	.29	50	" " " "
	.22	.18	53	" " " "
	.33	.20	60	" " "
	.54	.15	34	" Slight Ox 1235 " "
	1.25	.31	49	" Fair Pyr.
	.49	.26	50	" " "
1250	.38	.24	57	" " "
	.38	.27	40	" " "
	.54	.14	40	" Good " Partly Ox.
	.71	.26	57	" Small " " "
	.60	.15	40	" " " " "
	.27	.13	24	" " " " "
	.54	.20	60	" " "
	.33	.18	38	" " "
	.38	.11	41	" Fair "
	.33	.17	60	" Small "
1300	.54	.24	31	" " " Partly Ox.
	.43	.22	31	" " " " "
	.76	.20	60	" " "
1315	.65	.20	60	" " "
End of Hole				

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

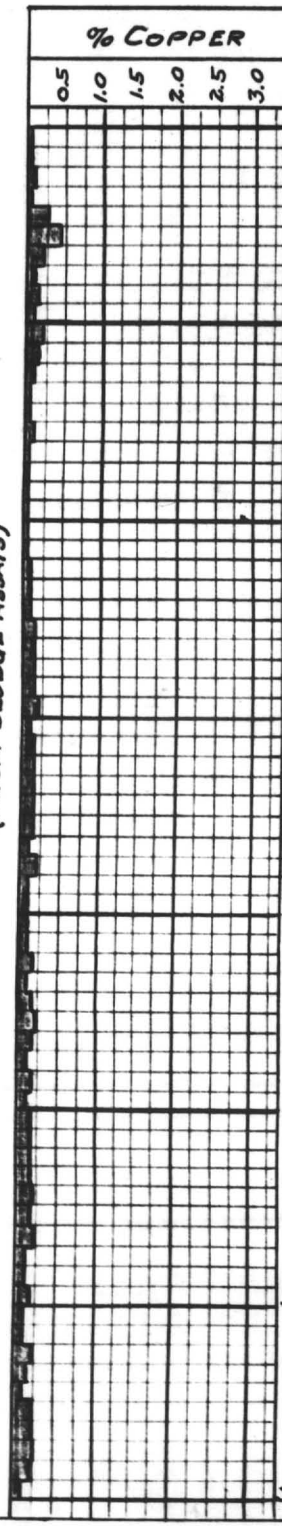
PATAGONIA, ARIZ.

OCT. 1920.

D. D. H. NO. 7 - ASSAY RECORD

SHEET NO. 1

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.05	0.16	60	Silicified Rock Good Pyr. Ox from 18" to 5'0"
	0.05	0.07	33	" " " " Part Ox.
	0.10	0.07	60	" " " " " 1st half Remainder Ox. and Iron stained
	0.05	0.12	47	" " Spoungy Heavy Fe_2O_3.
	0.25	0.32	58	Alaskite Siliceous Good Pyr. Ox. to 22'
	0.45	0.60	29	" " " " Fine Grained
	0.20	0.22	49	" Yellow stained Fair Pyr.
	0.10	0.59	39	" Small Pyr.
	0.15	0.16	41	" Altered and leached
50	0.10	0.23	50	" " " "
	0.20	0.29	50	" " " "
	0.15	0.13	53	" " " "
	0.10	0.14	35	" "
	0.05	0.14	42	" "
	0.03	0.12	60	" Yellow stained Fair Pyr.
	0.10	0.07	60	" Good Pyr.
	0.05	0.07	60	" " " Last foot partly Ox.
	0.05	0.03	60	" " " Ox. along narrow seam
	0.05	0.06	60	" Siliceous Fair Pyr.
100	0.05	Tr.	60	" Ox. Tr. Pyr.
	0.05	0.04	60	" " " " Crushed and altered
	0.05	0.04	43	" Altered Tr. Pyr.
	0.10	Tr.	36	" " " "
	0.10	0.04	14	" Red Fe_2O_3 Small amt.
	0.10	Tr.	42	" Altered Tr. Pyr.
	0.17	0.16	42	POR. " " "
	0.15	0.27	45	" " " "
	0.15	0.17	60	" " " "
	0.15	0.07	53	" " and Ox.
150	0.20	0.31	59	" " " "
	0.10	0.20	60	" " Partly Ox.
	0.15	0.11	40	" " " "
	0.15	Tr.	37	" " " "
	0.15	0.25	55	" " " "
	0.15	0.24	56	" " " "
	0.15	0.23	59	" " " "
	0.10	0.17	50	" " " "
	0.20	0.15	57	" " " "
	0.10	0.25	30	" " " "
200	0.10	0.41	51	" " " "
	0.10	Tr.	54	" " " "
	0.10	Tr.	49	" " " "
	0.15	Tr.	48	" " " "
	0.10	Tr.	47	" " " "
	0.15	0.09	37	" " Fair Pyr.
	0.20	0.12	31	" " " "
	0.15	0.17	27	Alaskite Clay Tr. "
	0.10	0.09	22	" Clay Seams Tr. Pyr.
	0.15	0.06	12	" Tr. Pyr.
250	0.10	0.15	14	" " "
	0.15	0.16	20	" Altered Tr. Pyr.
	0.15	0.11	16	" " " "
	0.15	0.20	16	" " " "
	0.15	0.18	28	" " " "
	0.20	0.19	48	" " " "
	0.15	0.27	52	POR. " Small " Tr. Chalcocite
	0.20	0.23	34	" " " " "
	0.10	0.17	30	" & Alaskite " " " " "
	0.10	0.12	53	" Siliceous Fair Pyr. Tr. "
300	0.15	0.14	54	" " " Altered Small "
	0.10	0.28	34	Alaskite Fair Pyr. Tr. Chalcocite
	0.10	0.31	60	Fine Grained Fair Pyr.
	0.20	0.27	60	POR. Good Pyr. Tr. "
	0.15	0.27	60	" Altered Fair Pyr.
	0.10	0.18	60	" " " "
	0.20	0.20	60	" " " "
	0.20	0.21	60	" " Fine Grained Fair Pyr. Tr. Chalcocite
	0.25	0.24	40	" " and Ox. Small Pyr.
	0.20	0.03	16	" " " " " "
350	0.10	0.23	20	" " Tr. Pyr.

3 R MINE

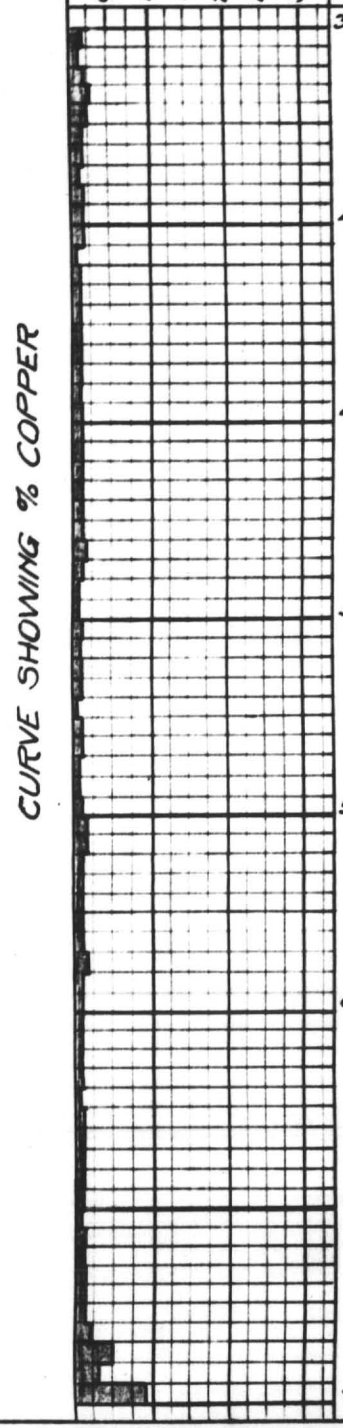
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 7 - ASSAY RECORD

SHEET No. 2



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
350				
	0.15	0.28	44	POR. Altered Tr. Pyr.
	0.10	0.32	21	" " " "
	0.20	1.20	14	" " " "
	0.30	0.45	25	" " " "
	0.25	0.18	46	" " " "
	0.15	0.33	28	" "
	0.15	Tr.		" "
	0.10	0.15	21	" " Ox.
	0.15	Tr.	20	" "
400	0.15	0.09	14	" "
	0.15	Nil	15	" "
	0.05	Nil	21	" Spoungy Ox.
	0.10	Nil	33	" Altered
	0.10	Nil	14	" "
	0.10	Tr.	39	" "
	0.10	Tr	24	" "
	0.10	Tr.	42	" "
	0.10	0.15	35	" "
	0.07	0.17	27	" "
450	0.10	0.15	19	" "
	0.10	0.06	20	" Soft clayed
	0.10	0.10	3	" Altered
	0.10	0.22	4	" "
	0.10	0.11	16	" "
	0.10	0.13	38	" "
	0.10	0.39	16	" "
	0.15	0.09	21	" "
	0.10	0.03	22	" "
	0.05	Tr.	20	" "
500	0.05	Nil	26	" "
	0.10	Nil	19	" "
	0.07	0.03	10	" "
	0.10	0.05	28	" "
	0.10	Tr.	18	" "
	0.05	0.10	19	" " Fair Pyr.
	0.10	Nil	20	" Small Pyr.
	0.10	Nil	33	" " "
	0.05	0.04	26	" " "
	0.05	Tr.	22	" Tr. "
550	0.10	0.05	10	" " "
	0.15	0.05	9	" " "
	0.12	0.13	25	" " "
	0.10	0.18	21	" " "
	0.10	0.18	22	" " "
	0.10	0.23	23	" Altered and silicified small Pyr.
	0.10	0.04	46	" " Small Pyr.
	0.10	0.08	15	" " " "
	0.15	0.22	23	" " " "
	0.07	0.13	43	" " " "
600	0.10	0.18	46	" " Fair "
	0.07	0.06	24	" " Small "
	0.10	0.19	37	" "
	0.10	0.05	29	" "
	0.10	Tr.	18	" "
	0.05	0.05	30	" "
	0.10	0.13	36	" " Fair Pyr. chalcocite coating?
	0.10	0.18	36	" " " "
	0.10	0.13	21	" " " "
	0.07	0.06	20	" " " "
650	0.10	0.04	27	" " " "
	0.05	0.12	36	" " " "
	0.10	0.12	44	" " " "
	0.07	0.15	37	" " Small "
	0.10	0.04	28	" " " "
	0.10	0.13	20	" " " "
	0.10	0.30	25	" " " " Chalcocite coating?
	0.20	0.50	20	" " " " " "
	0.49	0.46	24	" " Fair " " "
	0.34	0.87	25	" " Small " " "
700	0.89	0.63	28	" " " " " "

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

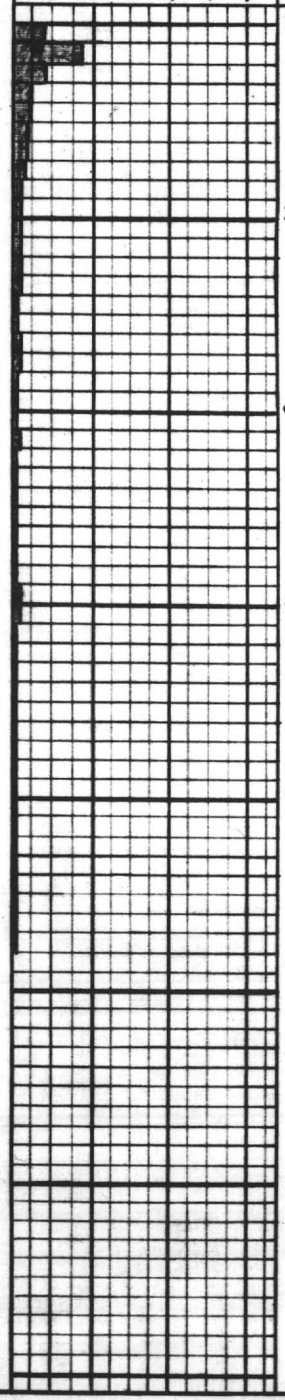
PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 7-ASSAY RECORD

SHEET NO. 3

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700	0.34	0.62	28	POR. Altered Small Pyr. Chalcocite coating?
	0.84	0.54	26	" " " " " "
	0.39	0.28	60	" Ox.
	0.25	Nil	37	" "
	0.22	Nil	17	" "
	0.20	Nil	27	" "
	0.20	Tr.	4	" Altered
	0.15	0.13	8	Clay
	0.10	Nil	14	POR. & Red clay
750	0.10	Nil	10	" Ox.
	0.10	0.05	7	" Altered
	0.12	Tr.	15	" " Ox clay at end
	0.10	Tr.	51	" "
	0.10	Tr.	30	" " " " " "
	0.05	0.05	29	" "
	0.05	0.15	24	" "
	0.10	0.25	34	" "
	0.10	Tr.	44	" "
	0.05	Tr.	48	" "
800	0.05	Tr.	46	" " Some ox. clay at end
	0.05	Tr.	36	" "
	0.10	0.12	43	" " " clay at end
	0.05	0.12	45	" "
	0.05	0.08	26	" "
	0.05	Tr.	32	" "
	0.05	Tr.	36	" " Ox. clay at end
	0.05	Tr.	33	" " " " " "
	0.05	0.10	28	" "
	0.05	0.05	32	" "
850	0.10	Tr.	53	" "
	0.10	Tr.	43	" "
	0.05	Tr.	38	" "
	0.05	Tr.	26	" " Ox. clay at end
	0.05	Tr.	36	" "
	0.03	Tr.	33	" "
	0.05	0.10	44	" "
	0.05	0.05	36	" "
	0.05	0.05	30	" "
	0.05	0.10	32	" "
900	0.05	0.15	48	" "
	0.05	0.05	60	" "
	0.05	0.15	32	" "
	0.07	0.10	38	" " Some clay at end
	0.05	0.10	44	" "
	0.05	Nil	51	" "
	0.05	Tr.	36	" "
	0.05	Tr.	34	" "
	0.05	0.15	34	" "
943	End of Hole			" "

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

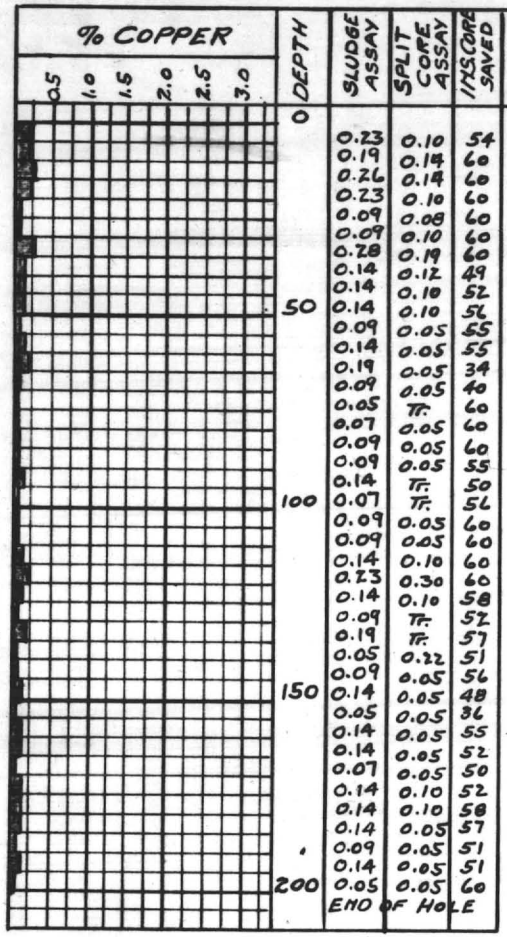
PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 6 - ASSAY RECORD

SHEET NO. 1

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	1" HS. CORE SAVED	REMARKS
0				
	0.23	0.10	54	Alaskite Not mineralized
	0.19	0.14	60	" Highly Ox.
	0.26	0.14	60	" Tr. Pyr.
	0.23	0.10	60	" " "
	0.09	0.08	60	" " "
	0.09	0.10	60	" " "
	0.28	0.19	60	" " "
	0.14	0.12	49	" " "
	0.14	0.10	52	" Small "
50	0.14	0.10	56	" " "
	0.09	0.05	55	" To 52 - Por. Tr. pyr.
	0.14	0.05	55	Por. Tr. Pyr.
	0.19	0.05	34	" Leached
	0.09	0.05	40	Greenish Rock Diorite? Small Pyr.
	0.05	Tr.	60	" " " " "
	0.07	0.05	60	" " " " "
	0.09	0.05	60	" " " " "
	0.09	0.05	55	" " " " "
	0.14	Tr.	50	" " " " "
100	0.07	Tr.	56	" " " " " Leached
	0.09	0.05	60	Koolinized " Some Sericite
	0.09	0.05	60	Por. Tr. Pyr.
	0.14	0.10	60	" Small "
	0.23	0.30	60	" Fair "
	0.14	0.10	58	" Good "
	0.09	Tr.	52	Alaskite Tr. "
	0.19	Tr.	57	" " " Clay Streaks
	0.05	0.22	51	" Fair "
	0.09	0.05	56	" " "
150	0.14	0.05	48	" " "
	0.05	0.05	36	" " "
	0.14	0.05	55	" " "
	0.14	0.05	52	" " "
	0.07	0.05	50	" " "
	0.14	0.10	52	" " "
	0.14	0.10	58	" Siliceous Fair Pyr.
	0.14	0.05	57	" Not mineralized
	0.09	0.05	51	" Tr. Pyr.
	0.14	0.05	51	" " "
200	0.05	0.05	60	" Siliceous Tr. Pyr.
	END OF HOLE			

3 R MINE

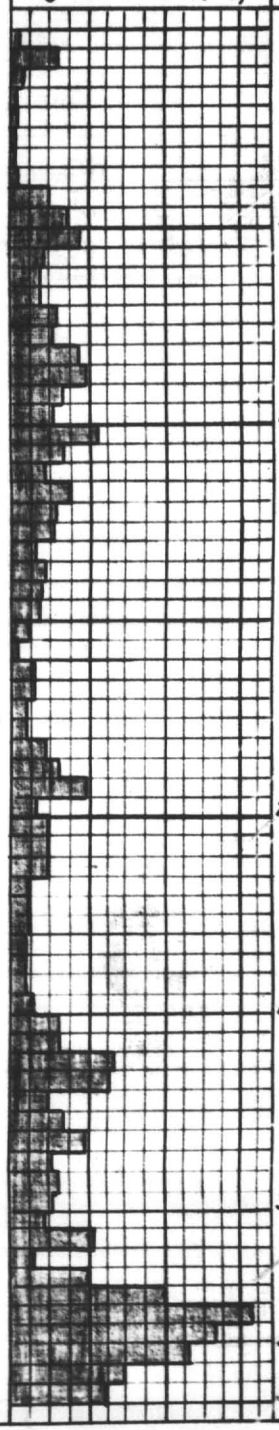
PATAGONIA-SUPERIOR COPPER CO

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 5 - ASSAY RECORD

SHEET NO. 1



CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)

DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.07	0.13	52	Alaskite Iron stained - shattered
	0.34	0.06	58	" " " "
	0.15	0.05	56	" " " "
	0.07	0.07	60	" " " "
	0.10	0.05	60	" " " "
	0.05	0.09	60	" " " "
	0.05	0.12	60	" " " "
	0.10	0.10	60	Silicified Rock Slightly Ox. Small coated Pyr.
	0.51	0.91	60	" " Fair Pyr. Small coating Chalcocite
50	0.73	1.18	60	" " " " Partly Ox. Small coating
	0.87	0.39	60	" " " " " " " "
	0.43	0.29	60	" " " " " " " "
	0.39	0.12	60	" " " " " " " "
	0.39	0.28	60	" " " " Coated with Chalcocite Disseminated
	0.58	0.44	60	" " " " " " " "
	0.53	0.64	60	" " Good " " " " "
	0.83	0.69	60	" " Small " " " " " (heavy) "
	0.92	0.98	60	" " " " " " " (fair)
	0.68	0.15	60	" " " " Tr. Chalcocite Partly Ox.
100	0.53	0.27	60	" " " " " " " "
	1.12	0.49	60	" " Fair " " " " "
	0.68	0.11	60	" " Small " " " " "
	0.39	0.16	60	" " " " " " " "
	0.73	0.39	60	" " " " " " " "
	0.58	0.52	60	" " Tr. " Partly Ox.
	0.54	0.25	60	" " Small " " "
	0.29	0.17	52	" " " " " "
	0.44	0.33	58	" " Slight mineralization Ox.
	0.39	0.40	50	" " Tr. Pyr. Slight "
150	0.34	0.23	55	" " " " " "
	0.24	0.38	55	" " Small Pyr. coated Ox.
	0.10	0.11	53	" " Slight mineralization "
	0.29	0.14	50	Alaskite " " "
	0.29	0.09	60	" Fair " "
	0.19	0.05	50	" " " "
	0.19	0.73	45	" Tr. Pyr. Ox.
	0.46	0.66	60	" " " "
	0.63	0.64	60	" Small " Small Chalcocite
	0.92	0.34	60	Silicified " "
200	0.34	0.25	58	" " " "
	0.48	1.02	60	" " " Fair "
	0.48	0.33	52	" Partly Ox.
	0.48	0.14	60	Alaskite Ox.
	0.24	0.05	57	Silicified "
	0.24	0.05	60	Alaskite " Light mineralization
	0.24	0.31	60	" Good Pyr.
	0.19	0.10	60	" Ox. Light "
	0.19	0.17	60	" Fine Grained Ox. Small Pyr.
	0.19	0.37	58	" Fair Pyr.
250	0.29	0.85	60	" Fine Grained at 245 Ox. Fair mineralization
	0.63	1.62	60	" Fair Pyr. Small Chalcocite
	0.65	1.00	57	" Good " 257 Ox. 260
	1.35	1.98	60	" " " Small Chalcocite
	1.26	0.39	58	" Small "
	0.48	0.31	56	" " "
	0.68	0.79	60	" Fair "
	0.92	0.92	60	" Ox. core broken
	0.53	0.10	60	" " " "
	0.63	1.18	58	" First foot ox. small coated pyr.
300	0.53	0.68	57	" Ox. Some fault breccia
	0.44	0.08	60	" " Leached
	1.07	0.71	58	" " "
	0.29	0.14	57	" " "
	1.00	2.55	58	" Fair coating chalcocite Fair pyr.
	1.98	5.05	50	" Good " " Good "
	3.16	6.78	50	" " " " " "
	2.67	1.73	52	" Fair Pyr.
	2.28	0.87	60	" " " Tr. "
	1.50	0.77	60	" " " " "
350	1.21	0.67	60	" " " First half. ox. Second half

3 R MINE

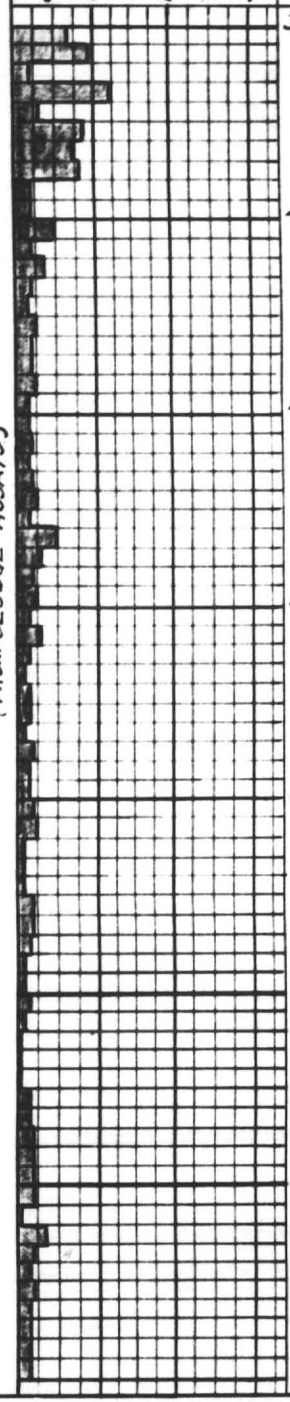
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 5 - ASSAY RECORD

SHEET No. 2



CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)

DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
350	0.68	0.18	60	Alaskite Ox. Good hematite or limonite
	0.92	0.19	60	" Fair Pyr.
	0.19	0.19	58	" Small "
	1.21	0.14	48	" " "
	0.29	0.15	36	" Fair "
	0.82	0.16	45	" Small "
	0.72	0.05	51	" Fair " Tr. chalcocite
	0.77	0.05	44	" Small "
	0.19	0.05	60	" " "
400	0.19	0.08	60	" " " " "
	0.48	0.05	60	" " "
	0.19	0.11	60	" Fair "
	0.34	0.69	60	" " "
	0.19	0.09	58	" Small " " "
	0.14	0.16	58	" " "
	0.24	0.09	60	" " "
	0.19	0.18	60	Siliceous " "
	0.19	0.09	42	Alaskite Tr. "
	0.24	0.14	42	" " " Partly Ox.
450	0.14	0.16	22	" Small "
	0.14	0.13	42	" " "
	0.17	0.06	48	" " "
	0.14	0.10	42	" " "
	0.19	0.13	60	" Fine Grained Fair Pyr. Tr. chalcocite
	0.24	0.13	60	Siliceous " " " " " coated
	0.14	0.09	55	Alaskite Fair Pyr.
	0.48	0.10	56	" Small "
	0.29	0.10	56	" " "
	0.19	0.10	60	" " "
500	0.24	0.10	48	" " "
	0.14	0.08	51	" " "
	0.29	0.08	54	" " "
	0.14	0.07	47	" " "
	0.10	0.06	14	" " "
	0.14	0.09	27	" " "
	0.14	0.09	38	" " "
	0.10	0.05	46	" " "
	0.19	0.10	35	" Fair "
	0.14	0.10	50	" Partly Ox.
550	0.14	0.14	52	" 18" Red Fracture
	0.19	0.13	55	" Small Pyr. Partly Ox.
	0.24	0.18	54	" Fair " Tr. Chalcocite
	0.10	0.15	58	" Small "
	0.10	0.17	56	" " "
	0.10	0.15	60	" " "
	0.19	0.16	60	" " "
	0.19	0.13	60	" " "
	0.14	0.14	60	" " "
	0.10	0.13	55	" " "
600	0.10	0.17	57	" " "
	0.14	0.22	60	" " "
	0.10	0.12	60	" " "
	Nil	0.08	60	" " "
	Tr.	0.08	56	" " "
	Nil	0.14	53	" " "
	0.14	0.15	53	" 5" Good " Small chalcocite
	0.14	0.13	60	" Small "
	0.19	0.20	60	" " "
	0.19	0.17	60	" " "
650	0.19	0.26	60	" " "
	0.19	0.11	60	" " "
	0.05	0.12	57	" " "
	0.34	0.23	57	" " "
	0.19	0.07	54	" " "
	0.14	0.06	50	" " "
	0.19	0.09	60	" " "
	0.14	0.05	60	" " "
	0.14	0.14	60	" " "
	0.14	0.16	60	" " "
700	0.14	0.08	60	" " "

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

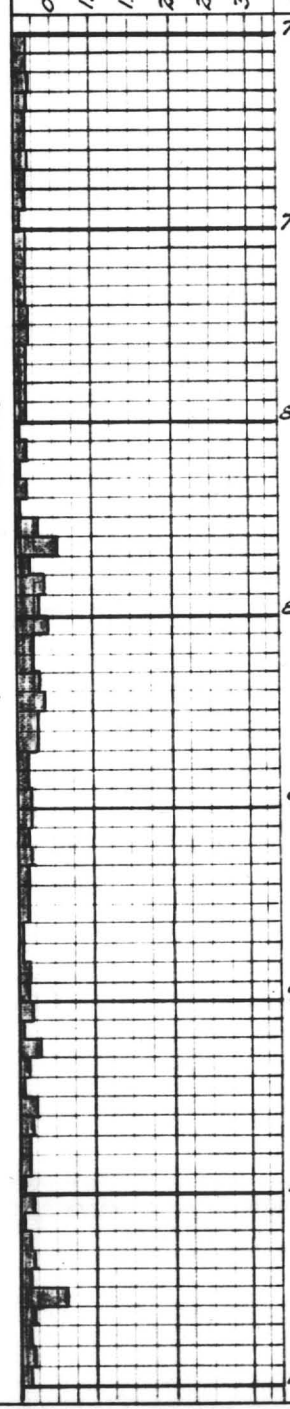
PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 5 - ASSAY RECORD

SHEET No. 3

CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700	0.14	0.08	60	Alaskite Small Pyr.
	0.14	0.16	60	" " "
	0.14	0.15	58	" " "
	0.19	0.15	57	" " "
	0.14	0.11	54	" " "
	0.14	0.11	57	" " " coated, Partly leached
	0.19	0.14	33	" " " leached
	0.14	0.15	46	" " " "
	0.14	0.05	20	" " "
	0.14	0.05	33	" " "
750	0.09	0.05	23	" " "
	0.14	0.06	37	" " " Crushed Pyr. at 752
	0.14	0.08	38	" " "
	0.14	0.09	40	" " "
	0.14	0.14	48	" " " Por. at 767'
	0.19	0.16	60	" Ox.
	0.19	0.16	60	"
	0.14	0.12	60	" "
	0.14	0.12	54	" " Slight mineralization
	0.14	0.13	60	" " " "
800	0.14	0.14	60	" " Fair Pyr. Tr. Chalcocite
	0.09	0.12	60	" " Slight mineralization
	0.14	0.10	60	" "
	0.09	0.12	60	" "
	0.14	Nil	55	" "
	0.09	0.12	55	" "
	0.33	0.36	60	" Small Pyr. Tr. Chalcocite
	0.56	0.29	52	" " " 6" seam good pyr. small chalcocite at 831'
	0.19	0.20	47	" " "
	0.38	0.20	58	" " "
850	0.33	0.94	58	" " "
	0.42	0.22	58	" Fine " "
	0.24	0.19	58	" " " "
	0.24	0.23	42	" " " "
	0.33	1.21	52	" 1/4" seam chalcocite at 867
	0.38	0.21	50	" Tr. Pyr.
	0.28	0.10	57	" " "
	0.28	Nil	54	" " "
	0.14	Nil	60	" Small Pyr.
	0.14	0.07	60	" " "
900	0.19	0.34	60	" " " Small chalcocite 898
	0.19	0.10	60	" " " Tr. "
	0.14	0.12	60	" " "
	0.19	0.10	60	" " "
	0.14	Tr.	60	" " "
	0.14			" " "
	0.14	0.05	53	" " "
	0.09	0.12	54	" Fair " Tr. chalcocite
	0.09	0.15	48	" Ox.
	0.14	0.11	46	" Fair " " "
950	0.12	0.10	54	" " "
	0.19	0.10	48	" Small "
	0.09	0.10	52	" " "
	0.29	0.10	58	" " "
	0.12	0.08	60	" " "
	0.09	0.10	58	" Slightly Ox. and leached
	0.24	0.10	58	" Ox.
	0.19	0.16	60	" Silicified Small Pyr.
	0.14	0.14	57	" Small Pyr.
	0.14	0.11	52	" " "
1000	0.09	0.30	60	" Good " Small Chalcocite at 996'
	0.19	0.17	60	" Fair "
	0.09	0.11	60	" Small "
	0.14	0.10	48	" Fine grained Small Pyr.
	0.19	0.24	48	" 1/4" veinlet pyr. " "
	0.14	0.17	60	" Small Pyr.
	0.61	0.10	52	" Ox.
	0.19	Tr.	54	" Small Pyr.
	0.14	0.20	56	" " "
	0.19	0.21	60	" " "
1050	0.14	0.20	58	" " "

3 R MINE

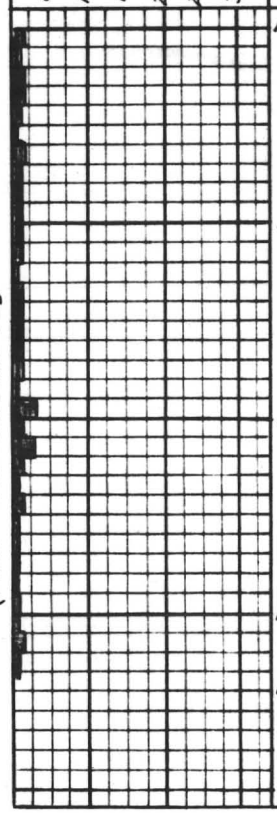
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 5 - ASSAY RECORD

CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
1050	0.19	0.21	60	Alaskite Small Pyr.
	0.14	0.16	60	" " "
	0.19	0.14	53	" Ox. Probably "F" Fracture
	0.19	0.09	42	" "
	0.14	Tr.	28	"
	0.09	Tr.	50	" Considerable black Fe_2O_3
	0.19	Tr.	28	" Ox.
	0.14	0.38	34	" "
	0.14	0.29	60	" Small Pyr.
1100	0.14	0.11	60	" " "
	0.14	Tr.	60	" " "
	0.14	Tr.	60	" " "
	0.09	Tr.	60	" " "
	0.16	Tr.	60	" " "
	0.14	Tr.	60	" " "
	0.14	Tr.	60	" " "
	0.14	Tr.	56	" " "
	0.14	0.07	53	" " "
	0.09	Tr.	55	" " "
1150	0.33	Tr.	50	" " "
	0.14	Tr.	47	" " "
	0.28	0.05	44	" " "
	0.14	Tr.	38	" " "
	0.09	Tr.	48	" " "
	0.14	0.05	54	" " "
	0.09	Tr.	48	" Good "
	0.09	Tr.	21	" Fine grained Tr. Pyr.
	0.09	Tr.	11	" Fair Pyr.
	0.05	Tr.	22	" Small "
1200	0.09	Tr.	22	" " "
	0.09	Tr.	12	" Leached
	0.14	0.05	45	" Tr. Pyr.
	0.09	0.10	60	" Fair "
1217	END OF HOLE			

SHEET NO. 4

3 R MINE

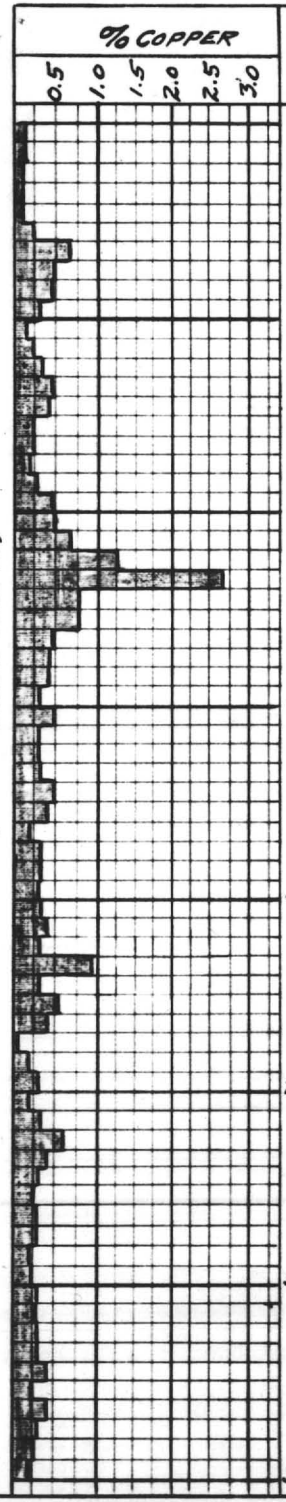
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 4 - ASSAY RECORD

SHEET No. 1



CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)

DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.17	0.24	45	
	0.15	0.20	48	
	0.10	0.18	58	
	0.12	0.14	54	
	0.10	0.20	49	
	0.25	1.49	55	
	0.69	0.83	60	
	0.49	0.16	52	
	0.44	0.15	48	
50	0.30	0.21	20	
	0.17	0.12	30	
	0.23	0.15	48	
	0.35	0.20	48	
	0.46	0.23	58	
	0.40	0.20	54	
	0.25	0.17	52	
	0.25	0.19	57	
	0.20	0.17	54	
	0.30	0.38	60	
100	0.46	0.74	60	
	0.50	0.33	60	
	0.65	0.79	43	
	1.26	1.74	55	
	2.65	0.31	44	
	0.76	0.19	54	
	0.76	0.13	54	
	0.45	0.20	45	
	0.40	0.13	47	
	0.38	0.39	52	
150	0.30	0.15	29	
	0.50	0.16	31	
	0.30	0.21	30	
	0.30	0.15	28	
	0.35	0.25	54	
	0.50	0.31	50	
	0.40	0.15	47	
	0.20	0.22	45	
	0.35	0.81	40	
	0.35	0.21	31	
200	0.30	0.18	10	
	0.35	0.15	47	
	0.40	0.60	57	
	0.35	1.96	37	
	0.91	0.40	20	
	0.35	0.18	48	
	0.56	0.28	44	
	0.38	0.14	60	
	0.05	0.14		
	0.20	0.18	51	
250	0.30	0.22	54	
	0.20	0.29	42	
	0.35	0.20	51	
	0.61	0.18	47	
	0.40	0.55	41	
	0.30	0.20	48	
	0.25	0.21	60	
	0.28	0.20	47	
	0.28	0.22	47	
	0.20	0.14	60	
300	0.25	0.16	52	
	0.30	0.28	29	
	0.28	0.18	15	
	0.30	0.18	58	
	0.30	0.73	41	
	0.40	0.39	30	CONTACT ALASKITE Trace Pyr.
	0.25	0.44	48	" " Small "
	0.40	0.46	60	POR. & " " "
	0.33	0.23	36	" Small Pyr.
	0.28	0.15	60	" " "
350	0.20	0.10	60	" " "

3 R MINE

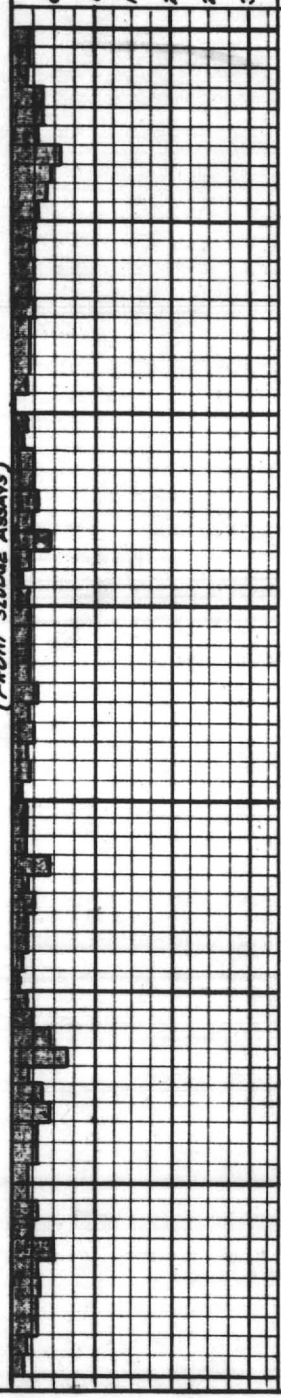
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

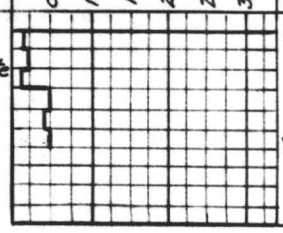
JULY. 1920.

D.D.H. NO. 4 - ASSAY RECORD.

SHEET NO. 2



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
350	0.20	0.08	60	POR. Small Pyr.
	0.20	Tr.	40	" " " (chalcocite
	0.15	0.12	40	" (Soft) Fair " Small coating
	0.35	0.31	50	" " " " " "
	0.35	0.29	60	" Small Pyr.
	0.30	0.38	55	" " " 12" ox. streak
	0.56	0.36	55	" " "
	0.45	0.28	30	" " "
	0.40	0.24	35	" Slightly ox.
400	0.30	0.22	60	" Small Pyr.
	0.25	0.21	60	" " "
	0.20	0.16	48	" " "
	0.25	0.16	60	" " "
	0.20	0.20	48	" " "
	0.25	0.16	36	" (Silicious) Small Pyr.
	0.20	0.12	30	" & Alaskite " "
	0.20	0.12	30	" " " " "
	0.20	0.09	24	Alaskite " "
	0.15	0.13	6	" " "
450	Nil	0.15	24	" Good "
	0.15	0.14	24	" Small "
	0.10	0.13	36	" " " Last 2' ox.
	0.25	0.20	36	" Fair "
	0.25	0.16	24	" " "
	0.30	0.50	36	" " "
	0.25	0.13	48	" " "
	0.40	0.15	48	" Small "
	0.20	0.17	38	" " "
	0.10	0.16	44	" " "
500	0.15	0.17	38	" Trace "
	0.15	0.13	60	" Small ", Talc seams
	0.20	0.18	60	" " "
	0.20	0.24	40	" " " Clay "
	0.20	0.24	60	Silicified Rock (contact) Small Pyr.
	0.30	0.41	36	POR. Fair Pyr.
	0.20	0.29	24	" Good " ox. at 527
	0.25	0.20	60	Alaskite Small Pyr.
	0.15	0.17	60	" " "
	0.20	0.14	60	" " "
550	0.10	0.11	60	" (Fine Grained) Fair Pyr.
	0.15	0.17	60	" " " " "
	0.15	0.24	48	" " " " " ox. at 558' 6" limonite Probable Fracture
	0.15	0.16	36	" Partly ox.
	0.40	0.41	36	" Fair Pyr.
	0.20	0.14	36	" Partly ox.
	0.25	0.05	30	" ox. and broken up
	0.15	0.05	30	" " " " "
	0.15	0.05	16	POR. ox. and leached
	0.10	0.05	35	" " " "
600	0.07	0.05	16	" " " "
	0.15	0.37	60	" Small Pyr. ox. at 603' Apparently left fracture
	0.25	0.24	60	" Partly ox.
	0.45	0.39	48	" Small Pyr.
	0.66	0.53	30	" " "
	0.20	0.36	40	" Fair "
	0.35	0.25	60	" " "
	0.45	0.28	60	" " "
	0.30	0.33	60	" " "
	0.30	0.26	60	" " "
650	0.20	0.23	12	" Small " Lost core. About 12" broken core recovered
	0.20	0.33	60	" Fair "
	0.30	0.19	48	" " " 4" ox. at 656'
	0.25	0.14	60	" " "
	0.50	0.05	60	" " "
	0.30	0.06	60	" " "
	0.35	0.13	48	" " "
	0.30	0.16	60	" Slight ox.
	0.30	0.15	36	" ox.
	0.20	0.24	36	" " 693-695
700	0.15	0.19	36	" " 695-697



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700	0.15	0.14	60	POR. Small Pyr.
	0.25	0.10	60	" " "
	0.10	0.10	48	" " " (at 717
	0.50	0.10	48	" " " 2" clayey
	040	0.06	48	" Fair Pyr.
730	0.50	0.05	36	" " "
	END OF HOLE			

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

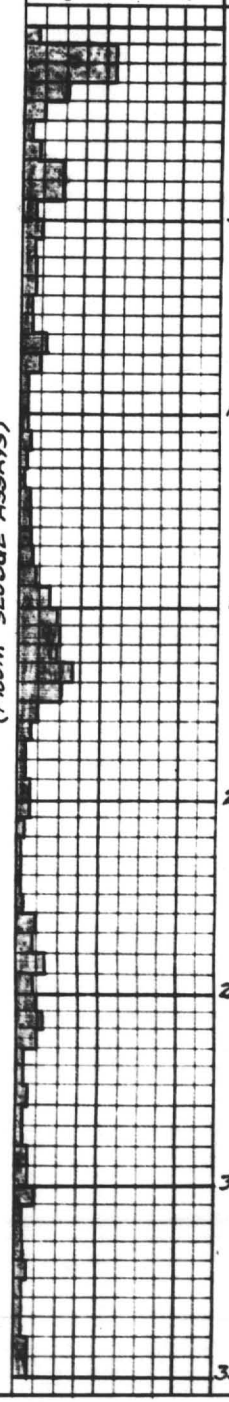
PATAGONIA, ARIZ.

JULY, 1920.

D. D. H. NO. 3 - ASSAY RECORD

SHEET NO. 1

CURVE SHOWING % COPPER
(FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.15	0.39	50	
	1.13	0.26	39	
	1.10	0.10	60	
	0.54	0.54	60	
	0.25	0.20	60	
	0.10	0.05	60	
	0.20	0.15	60	
	0.49	0.20	36	
	0.49	0.29	39	
50	0.15	0.10	38	
	0.25	0.27	60	
	0.17	0.10	60	
	0.20	0.15	60	
	0.20	0.15	60	
	0.15	0.15	60	
	0.17	0.10	60	
	0.32	0.15	60	
	0.25	0.20	60	
	0.10	0.10	60	
100	0.10	0.10	60	
	0.12	0.10	60	
	0.15	0.07	56	
	0.10	0.07	57	
	0.05	0.05	58	
	0.12	0.10	56	
	0.12	0.10	58	
	0.15	0.07	60	
	0.17	0.15	56	
	0.20	0.25	60	
150	0.37	0.39	58	
	0.44	0.34	56	
	0.49	0.37	56	
	0.44	0.34	60	
	0.69	0.44	52	
	0.54	0.34	58	
	0.25	0.20	60	
	0.15	0.05	56	
	0.10	0.05	60	
	0.10	0.07	57	
200	0.15	0.10	52	
	0.15	0.05	55	
	0.10	0.05	60	
	0.05	0.05	36	
	0.05	0.05	60	
	0.05	0.05	60	
	0.10	0.10	52	
	0.25	0.19	56	
	0.20	0.24	54	
	0.34	0.24	60	
250	0.20	0.29	60	
	0.25	0.24	60	
	0.35	0.29	56	
	0.25	0.24	54	
	0.10	0.10	51	
	0.10	0.15	54	
	0.15	0.15	48	
	0.10	0.05	44	
	0.10	0.10	58	
	0.15	0.15	56	
300	0.15	0.19	60	
	0.25	0.24	60	
	0.10	0.05	60	
	0.10	0.10	60	
	0.12	0.10	60	
	0.15	0.15	60	
	0.10	0.05	60	
	0.10	0.05	60	
	0.12	0.05	45	
	0.17	0.07	45	
350	0.17	0.05	41	

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

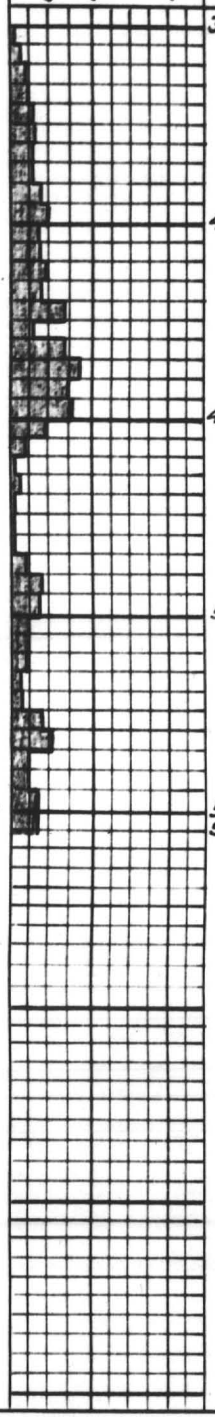
PATAGONIA, ARIZ.

JULY. 1920.

D.D.H. NO. 3 - ASSAY RECORD

SHEET NO. 2

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
350				
	0.07	0.05	38	
	0.15	0.05	51	
	0.20	0.10	51	
	0.26	0.15	51	
	0.32	0.29	51	
	0.35	0.29	51	
	0.30	0.29		
	0.32	0.29		
	0.40	0.53		
400	0.50	0.39		
	0.35	0.24		
	0.37	0.36		
	0.45	0.39		
	0.40	0.39		
	0.69	0.68		
	0.30	0.39		
	0.69	0.58		
	0.84	0.68		
	0.74	0.44		
450	0.79	0.80		
	0.45	0.61		
	0.20	0.10		
	0.07	0.05		
	0.17	0.05		
	0.07	0.05		
	0.05	0.05		
	0.07	0.05		
	0.20	0.05		
	0.40	0.12		
500	0.35	0.39		
	0.25	0.39		
	0.25	0.15		
	0.20	0.15		
	0.12	0.07		
	0.15	0.58		
	0.40	0.19		
	0.54	0.17		
	0.25	0.10		
	0.25	0.22		
550	0.35	0.29		
556	0.35	0.32		
END OF HOLE				

3 R MINE

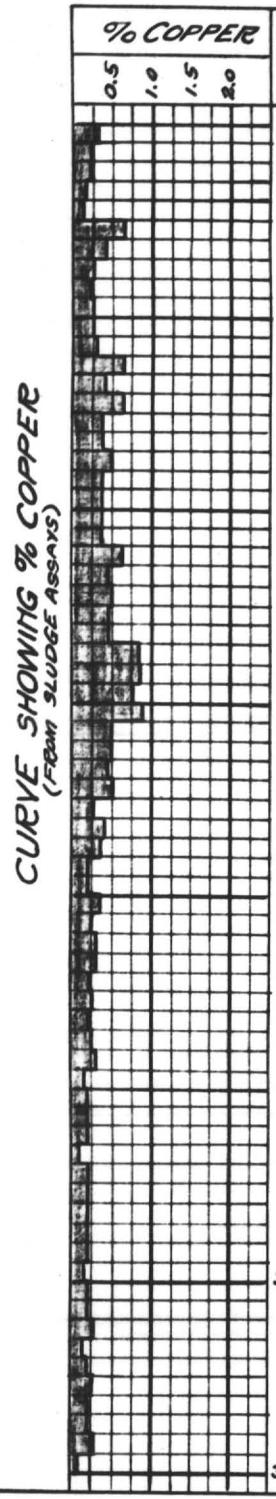
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA - ARIZ.

JULY, 1920.

D.D.H. No. 2 - ASSAY RECORD

SHEET NO. 1



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0	0.15	0.20	57	Alaskite Very little pyr. very slightly coated. No Ox. Fe.
	0.30	0.20	60	" " " " " " " " "
	0.22	0.15	59	" Small amt. slightly coated Pyr. No ox. Fe.
	0.17	0.15	59	" " " " " " " "
	0.15	0.13	60	" " " " " " " " Last 3" heavy pyr. slightly coated
	0.59	0.20	60	" " " " " " " "
	0.39	Nil	60	" " " " " " " "
	0.25	0.20	60	" " " " " " " "
	0.20	0.10	60	" " " " " " " "
50	0.25	0.10	60	" " " " " " " "
	0.25	0.20	57	" " " " " " " "
	0.30	0.25	80	" " " " " " " "
	0.59	0.37	60	Por. " " " " " " "
	0.39	0.25	60	Alaskite & Por. " " Coated Pyr. No ox. Fe.
	0.59	0.20	57	" mostly " " " " " " "
	0.37	0.25	57	" " " " " " " "
	0.37	0.22	52	" " " " " " " "
	0.49	0.32	57	" " " " " " " "
	0.34	0.15	60	" First half small amt. coated pyr. Last half all ox. Fe. Fracture at 95'
100	0.34	0.25	60	" " 3' all ox. Fe. Last 2' small amt. Coated pyr.
	0.34	0.34	60	" Small amt. slightly coated pyr. Small amt. ox. Fe.
	0.34	1.10	60	" First 3' small amt. slightly coated pyr.
	0.59	0.17	58	" " 2' fair amt. coated pyr. Last 3' small amt. coated pyr. No ox. Fe.
	0.44	0.15	60	" Small amt slightly coated pyr. No ox. Fe.
	0.49	0.20	60	" " " " " " " "
	0.44	0.15	60	" " " " " " " "
	0.44	0.17	51	" " " " " " " "
	0.79	0.15	54	" " " " " " " "
	0.84	Tr.	56	" " " " " " " "
150	0.74	0.25	35	1'- " 4' Por. Small amt. coated pyr. No ox. Fe.
	0.89	0.59	45	Por. Small amt. Very minute pyr. No ox. Fe.
	0.49	0.42	54	" " " " " " " "
	0.49	0.34	53	" " " " " " " "
	0.40	0.34	58	" " " " " " " " At 169'-6" leached mat. with very little ox. Fe.
	0.50	0.37	60	" " " " " " " "
	0.27	0.32	48	" Considerable coated pyr. No ox. Fe.
	0.40	0.54	45	" " " " " " "
	0.35	0.30	39	Alaskite Contact @ 185' Very little unaltered pyr. No ox. Fe.
	0.20	0.25	28	" Small amt. coated pyr. No ox. Fe.
200	0.20	0.25	12	" " " " " " " " Driller reported talc seams
	0.35	0.30	12	" " " " " " " " " " " "
	0.25	0.20	50	" " " " " " " "
	0.30	0.20	58	" " " " " " " "
	0.30	0.30	60	" " " " " " " "
	0.20	0.20	58	" Considerable " " " " "
	0.25	0.15	43	" " " " " " "
	0.20	Nil	44	" " " " " " "
	0.25	0.10	52	" " " " " " " Last foot shows large amt. coated pyr.
	0.30	0.05	58	" Small amt. " " " " " Knife blade stringer of heavily coated pyr. @ 242'
250	0.17	0.15	37	" " " " " " " "
	0.20	0.10	29	" " " " " " " " ½" stringer white quartz at 253'
	0.20	0.10	35	" " " " " " " "
	0.22	0.07	60	" " " " " " " "
	0.10	Tr.	60	" " " " " " " "
	0.22	0.06	54	" 2" gouge stringer at 273' Small amt. coated pyr. No ox. Fe.
	0.22	0.05	57	" Small amt. coated pyr. No ox. Fe.
	0.20	0.12	58	" " " " " " " "
	0.20	0.15	60	" " " " " " " "
	0.20	0.12	60	" First 4' small amt. coated pyr. Last 1' small amt. Ox. Fe.
300	0.17	0.15	60	" " 1' gouge Bal. considerable coated pyr.
	0.20	0.15	60	" Considerable coated pyr.
	0.20	0.15	60	" " " "
	0.27	0.12	60	" " " "
	0.17	0.12	60	" " " "
	0.20	0.20	60	" " " "
	0.25	0.15	50	" " " "
	0.22	0.07	51	" " " "
	0.20	0.12	60	" " " "
	0.30	0.12	40	" " " "
350	0.10	0.17	42	" " " "

3 R MINE

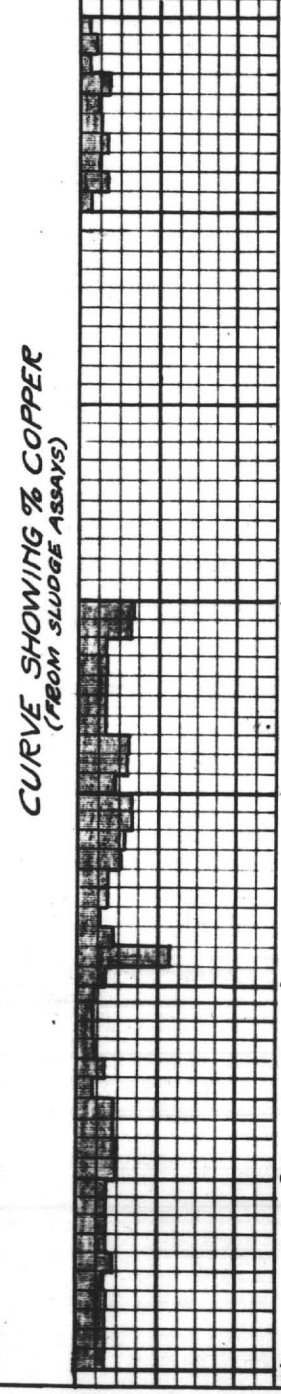
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 2 - ASSAY RECORD

SHEET NO. 2



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
350	0.10	0.15	48	Alaskite & Por. Small amt. coated Pyr.
	0.20	0.30	51	Por. Small amt. coated Pyr.
	0.15	0.15	60	" " " " "
	0.35	0.25	58	" " " " " "
	0.20	0.20	56	" " " " " "
	0.25	0.15	56	" " " " " "
	0.33	0.22	58	" " " " " "
	0.25	0.20	58	" " " " " "
	0.35	0.30	49	" " " " " "
400	0.15	0.25	60	" " " " " "
		0.34	60	" " " " " "
		0.30	60	" " " " " " up to 408'. 408'-9' ox. Fe and fracture
		0.15	60	" " " " " "
		0.44	60	" " " " " "
		0.54	60	" " " " " "
		0.49	60	" " " " " "
		2.61	49	" First 18" small amt. coated Pyr. then 6" very heavily coated Pyr. Last 3' small amt. coated pyr. and (2 small stringers Ox. Fe.
		0.39	53	" " 4' " " " " Last 1' small amt. Ox. Fe.
		0.39	58	" All fairly well leached small fracture and ox. Fe. at 443'
450		0.30	60	" " " " " " amt. ox. Fe.
		0.44	54	" First 3' leached with small amt. ox. Fe Last 2' small amt. coated Pyr.
		0.39	49	" Small amt. coated pyr. except 458-9 which is leached with small amt. Ox. Fe.
		0.25	45	" First 18" small amt. coated Pyr. Bal. leached with some Ox. Fe.
		0.32	35	" " 3' considerable " " Last 2' " " small amt. ox. Fe.
		0.07	24	" Leached fracture and Ox. Fe. at 472'-5'
		0.10	25	" " Ox. Fe. and fracture. whole sample
		1.08	49	" 480-2 still fracture. Bal. leached with some ox. Fe.
		0.05	60	" Leached with large amt. ox. Fe.
		0.05	47	" " small " " "
500		0.18	60	" " considerable ox. Fe. Probably a tight fracture.
	0.69	0.61	60	" Quartzy, small amt. ox. Fe first half Bal. small amt. unaltered Pyr.
	0.64	0.50	60	" Leached " " slightly coated Pyr. Very little ox. Fe. 6" stringer of tight Ox. Fe. at 510'
	0.30	0.35	60	" " Considerable Ox. Fe. and small amt. slightly coated Pyr. in bet. Ox. Fe stringers
	0.34	0.45	60	" " Small amt. coated Pyr. with ox. Fe. stringers in between.
	0.30	0.50	58	" " Considerable " " first 4' Bal. heavy Ox. Fe. Apparently a fracture.
	0.30	0.43	55	" " First 15" heavy ox. Fe. Apparently a fracture Bal. contains considerable coated Pyr. with no ox. Fe.
	0.30	0.48	48	" " Small amt. coated Pyr. with ox. Fe stringers in between.
	0.61	0.55	60	" " Considerable " " Last 4' heavy ox. Fe.
	0.56	0.38	60	" " " " " intermingled with Ox. Fe. stringers.
550	0.46	0.25	60	" " " " " " " " " " "
	0.66	0.50	56	" " " " " " " " " " "
	0.68	0.45	58	" " " " " " " " " " "
	0.54	0.20	59	Alaskite Contact at 561' small amt. slightly coated Pyr. Very little ox. Fe.
	0.51	0.25	56	" Small amt. slightly coated Pyr. Very little Ox. Fe.
	0.36	0.10	60	" " " " " " " " " "
	0.36	0.25	60	" " " " " " " " " " "
	0.25	0.33	60	" " " " " " " " " " "
	0.41	0.25	36	Por. & Alaskite intermingled very little unaltered pyr. no ox. Fe.
	1.17	0.10	54	" " " " " " " " " " " "
600	0.31	0.13	50	Mostly " Small amt. coated pyr. no ox. Fe.
	0.20	0.10	42	" " " " " " " " " "
	0.20	0.12	38	Alaskite Very small amt. " " 2" stringer ox. Fe. at 609'
	0.23	0.10	45	
	0.28	0.15	55	
	0.31	0.15	52	
	0.20	0.07	33	
	0.46	0.17	30	
	0.41	0.20	34	
	0.48	0.25	32	
650	0.48	0.22	39	
	0.31	0.15	54	
	0.33	0.25	60	
	0.31	0.30	60	
	0.32	0.27	60	
	0.40	0.15	49	
	0.30	0.49	46	
	0.35	0.25	49	
	0.35	0.34	42	
	0.35	0.22	52	
700	0.30	0.26	60	

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

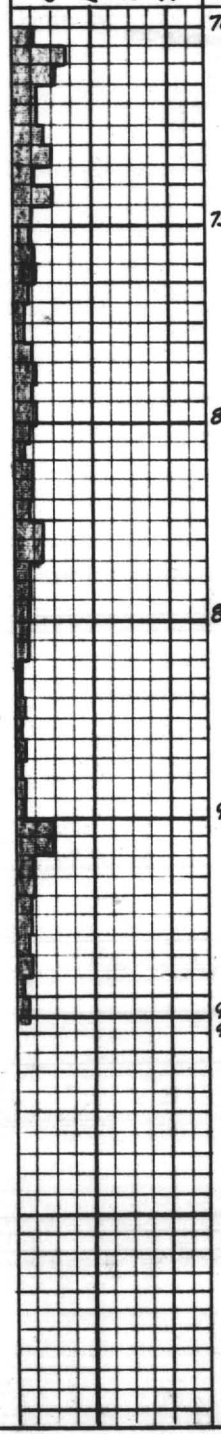
PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 2 - ASSAY RECORD

SHEET NO. 3

CURVE SHOWING % COPPER (FROM SLUDGE ASSAYS)



DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700				
	0.27	0.20	52	
	0.49	0.25	60	
	0.57	0.34	34	
	0.35	0.59	45	
	0.35	0.20	51	
	0.43	0.79	41	
	0.50	0.34	35	
	0.27	0.20	17	
	0.51	0.64	48	
750	0.25	0.05	50	
	0.20	0.10	48	
	0.27	0.20	38	
	0.30	0.25	37	
	0.20	0.15	33	
	0.15	0.15	39	
	0.18	0.15	50	
	0.25	0.15	44	
	0.30	0.20	35	
	0.25	0.15	49	
800	0.30	0.15	33	
	0.20	0.10	23	
	0.15	0.15	31	
	0.25	0.20	30	
	0.25	0.25	47	
	0.20	0.30	60	
	0.37	0.39	60	
	0.35	0.10	44	
	0.20	0.17	31	
	0.22	0.15	42	
850	0.20	0.10	48	
	0.18	0.05	53	
	0.20	0.10	54	
	0.10	0.05	48	
	0.10	0.05	50	
	0.12	0.07	50	
	0.10	0.07	56	
	0.15	0.15	57	
	0.10	0.07	36	
	0.12	0.05	31	
900	0.12	0.05	31	
	0.47	0.81	58	
	0.47	0.93	51	
	0.22	0.05	53	
	0.25	0.10	56	
	0.20	0.15	50	
	0.22	0.20	58	
	0.15	0.10	56	
	0.20	0.39	55	
	0.08	0.20	32	
950	0.15			
951		0.05	24	
END OF HOLE				

3 R MINE

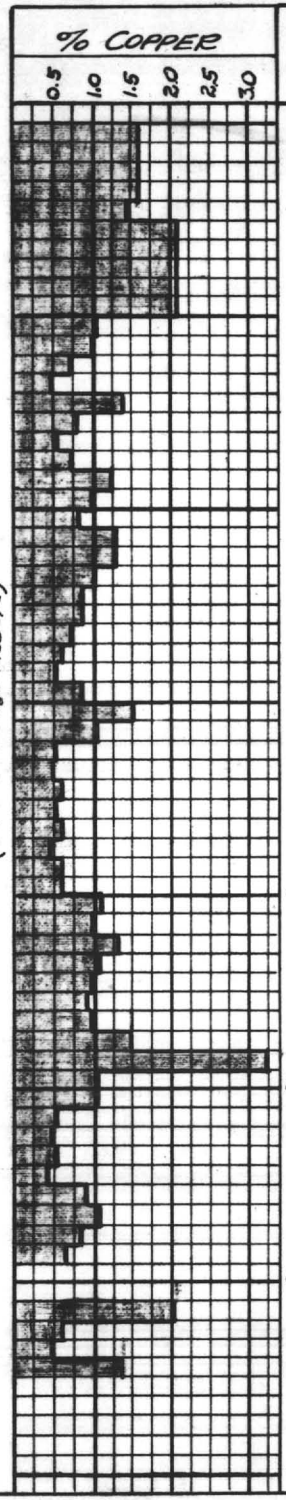
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO. 1 - ASSAY RECORD

SHEET No. 1



CURVE SHOWING % COPPER
(From Sludge Assays)

DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
0		0.18	58	Por. Small amt. very slightly coated Pyr. no ox. Fe.
		0.28	58	" Very " " " " " " " "
		0.25	58	" Small " " " " " " " "
	1.60	0.20	58	" First half sample very small amt. slightly coated Pyr. Last half no pyr. considerable ox. Fe Apparently a fracture c.20'
		0.10	58	" Considerable ox. Fe especially first foot. no Pyr.
	1.45	0.15	58	" Small amt. ox. Fe first and last foot of sample. Balance small amt. slightly coated Pyr.
		0.18	58	" First half small amt. ox. Fe. Last half small amt. slightly coated Pyr.
		0.20	58	Alaskite 4' Bal. Por. very small amt. slightly coated Pyr. A few knife-blade stringers of ox. Fe
		0.25	58	Por. Small amt very slightly coated Pyr. One knife-blade stringer of ox. Fe about 43'
50	2.08	0.28	58	" & Alaskite First 8" Por. Bal. Alaskite. Small amt. ox. Fe in Por. very small amt. slightly coated Pyr. in Alaskite
	1.02	0.20	58	Alaskite Small amt. slightly coated Pyr. No ox. Fe.
	0.97	0.43	58	" " " " " " " " "
	0.68	0.23	44	" Considerable ox. Fe. first four feet Last foot very small amt. coated Pyr.
	0.48	0.33	30	" Very small amt. slightly coated Pyr. no ox. Fe.
	1.36	0.20	42	" 1" stringer of Por. at 11' Very small amt. coated Pyr.
	0.80	0.35	55	" Fair amt. well coated Pyr.
	0.61	0.10	40	" First half contains small amt. coated Pyr.
	0.73	0.13	40	" First 3' small amt. ox. Fe. No pyr. in sample
	1.24	0.05	41	
100	0.94	0.20	52	
	0.82	0.27	55	
	1.31	0.15	47	
	1.31	0.20	50	
	1.02	0.45	60	
	0.86	0.25	53	
	0.86	0.75	55	
	0.73	0.15	55	
	0.63	0.25	55	
	0.58	0.45	51	
150	0.86	0.40	56	
	1.53	0.75	58	
	1.02	0.50	49	
	0.78	0.30	58	
	0.73	0.40	57	
	0.83	0.30	52	
	0.78	0.60	50	
	0.85	0.30	60	
	0.68	0.05	60	
	0.85	0.12	42	
200	0.87	0.12	60	
	1.14	0.25	48	
	1.02	0.25	60	
	1.31	0.10	60	
	1.07	0.18	60	
	0.92	0.45	55	
	0.87	0.60	45	
	0.92	0.18	53	
	1.48	0.25	60	
	3.25	2.40	60	
250	1.07	0.80	48	
	1.07	0.20	48	
	0.78	0.10	56	
	0.73	0.25	60	
	0.78	0.15	54	
	0.68	0.10	58	
	0.87	0.15	54	
	1.02	1.53	40	
	0.82	0.50	51	
	0.68	0.05	50	
300		0.03	50	
		0.05	24	
	2.05	Tr.	58	
	0.64	0.05	55	
	0.49	0.10	33	
	1.38	0.23	58	
		0.05	60	
		0.20	60	
		0.10	60	
		0.28	60	
350		0.15	41	

3 R MINE

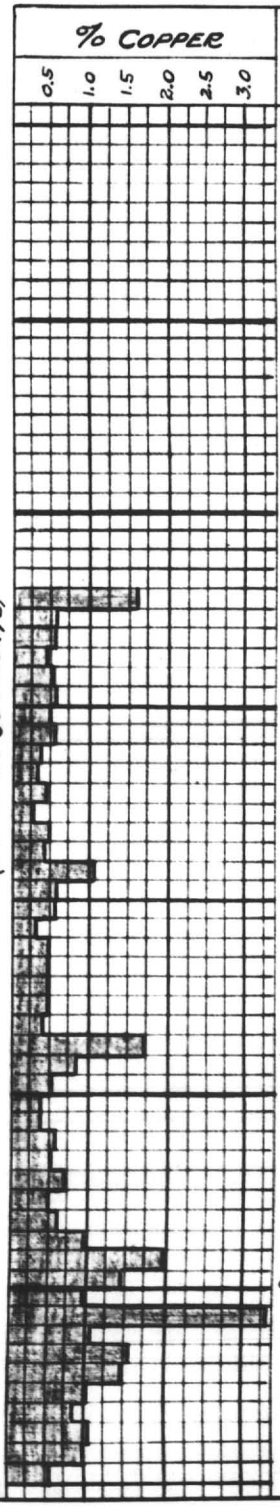
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO.1 - ASSAY RECORD

SHEET NO. 2



CURVE SHOWING % COPPER
(From Sludge Assays)

DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	THS. CORE SAVED	REMARKS
350		0.15	10	
		0.20	13	
		0.10	40	
		0.23	58	
		0.20	60	
		0.08	60	
		0.05	60	
		0.05	44	
		0.05	60	
400		0.05	58	
		0.20	58	
		0.10	60	
		0.10	56	
		0.05	60	
		0.05	60	
		0.15	50	
		0.05	27	
		0.05	23	
		0.05	38	
450		0.05	60	
		0.05	60	
		0.05	58	
		0.05	54	
		0.05	38	
	1.60	0.07	38	
	0.64	0.11	40	
	0.59	0.24	49	
	0.44	0.14	47	
	0.54	0.08	20	
500	0.64	0.14	21	
	0.52	0.13	38	
	0.59	0.17	60	
	0.39	0.15	51	
	0.34	0.13	30	
	0.44	0.35	34	
	0.30	0.19	60	
	0.49	0.20	54	
	0.44	0.11	54	
	1.08	0.19	60	
550	0.64	0.19	60	
	0.54	0.18	60	
	0.34	0.14	60	
	0.49	0.21	60	
	0.47	0.19	60	
	0.49	0.21	60	
	0.49	0.22	60	
	0.39	0.28	60	
	1.73	0.23	57	
	0.84	0.25	57	
600	0.54	0.22	53	
	0.42	0.21	46	
	0.44	0.18	51	
	0.59	0.22	55	
	0.54	0.21	49	
	0.69	0.24	44	
	0.49	0.21	60	
	0.62	0.23	56	
	0.91	0.21	50	
	1.92			
650	1.43			
	0.89			
	330			
	1.08			
	1.53	0.15	32	Alaskite Badly broken up, leached, with Ox. Fe. stringers no pyrite.
	1.46	0.10	47	" and silicified Rock very well leached with Ox. Fe. stringers no pyr.
	1.02	0.10	60	Silicified very well leached. Ox. Fe stringers no pyr.
	0.82	0.05	60	" Leached, Ox. Fe stringers, small amt. gange no Pyr.
	1.04	0.05	55	" Contains a great deal of Ox. Fe. both in stringers and disseminated. Leached. no pyr.
	0.99	0.10	55	" " " " " " " " " " " " " more solid Small amt. coated Pyr.
700	0.59	0.07	60	" Some Ox. Fe. mostly in stringers. Leached. no pyr.

3 R MINE

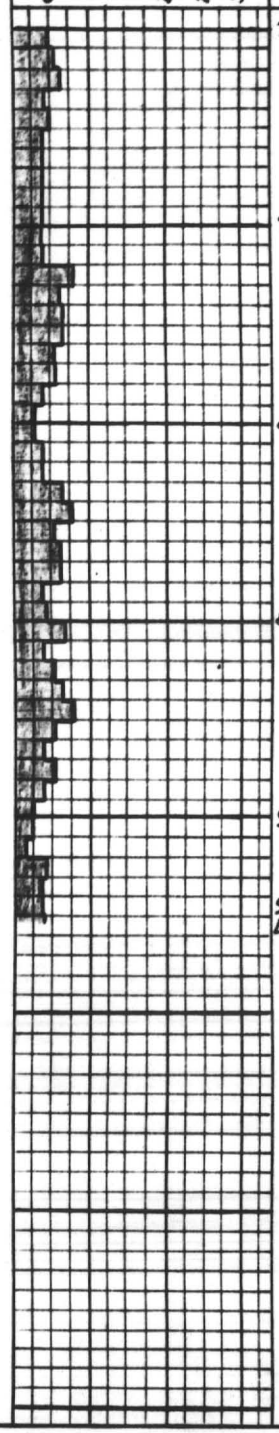
PATAGONIA-SUPERIOR COPPER CO.

PATAGONIA, ARIZ.

JULY, 1920.

D.D.H. NO.1 - ASSAY RECORD

SHEET NO. 3



CURVE SHOWING % COPPER

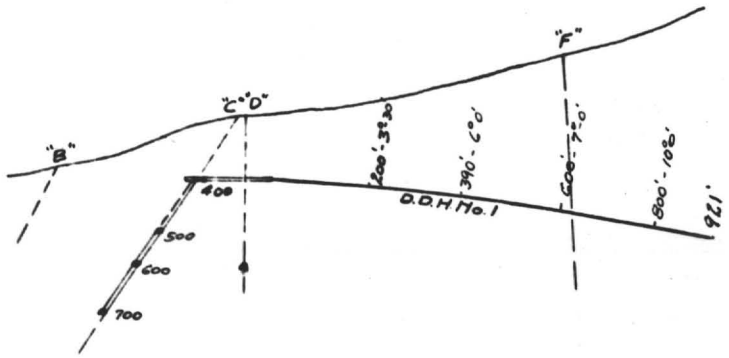
DEPTH	SLUDGE ASSAY	SPLIT CORE ASSAY	INS. CORE SAVED	REMARKS
700	0.44	Tr.	60	Silicified 2 small Fe stringers, ox., partly leached. Very small amt. Pyr.
	0.59	0.10	57	" Majority of sample leached. very little Pyr. Slightly coated Small amt. Ox. Fe.
	0.64	0.10	41	" Por. Small amt. Ox. Fe. leached, very small amt. Pyr.
	0.40	Tr.	34	" Great deal of Ox. Fe. Core badly broken. Well leached. No Pyr.
	0.49	0.05	39	" Por. Very little Ox. Fe. Well leached No Pyr.
	0.40	0.25	37	" Badly broken core. Some Ox. Fe. leached in places Very small amt. practically unaltered pyr.
	0.40	0.15	31	" Por. Some Ox. Fe in stringers Very small amt. unaltered Pyr.
	0.35	0.07	60	" " Small amt. Ox. Fe. Very little pyr. pyr. very slightly chalcocite coated
	0.40	0.02	60	" " Few Ox. Fe. stringers Small amt. slightly chalcocite coated Pyr.
750	0.40	Nil	45	" " Small amt. Ox. Fe. Well leached No pyr.
	0.40	Nil	36	" " " " " " Very well leached Core soft.
	0.44	0.05	51	" " " " " Very small amt. slightly coated pyr.
	0.79	0.15	60	" " Very " " " " " " " " " "
	0.64	0.35	60	" " 2 small stringers Ox. Fe. Very little pyr. slightly coated
	0.69	0.15	60	" " Last foot considerable Ox. Fe with 2 pronounced stringers. Bal. solid with small amt. slightly coated Pyr.
	0.64	0.07	36	" " " 4 feet contains great deal Ox. Fe. No pyr.
	0.54	0.02	44	" " Considerable Ox. Fe. mainly disseminated, especially last half
	0.59	0.12	54	" " First 2 feet some Ox. Fe. Core solid last 3 feet small amt. slightly coated Pyr.
	0.40	0.05	30	" " Considerable Ox. Fe. with solid core both sides of Ox. parts. Small amt. pyr. in solid part.
800	0.30	0.05	30	" " Apparently- strong fracture ±799 with solid core both sides. Heavy Ox. Fe stringer at 799'
	0.30	0.30	49	Por. Solid, practically no Ox. Fe. very small amount very slightly coated Pyr.
	0.44	0.25	52	" Very little Ox. Fe. 809'-810' Core solid Bal. same as previous 5 feet.
	0.44	0.10	24	" Great deal of Ox. Fe latter part of sample. First part solid core Strong fracture bet. 810'-820' no pyr.
	0.64	Tr.	21	Leached Por. Large amt. of Ox. Fe. no pyr.
	0.79	Nil	56	" " Considerable Ox. Fe. 822-823 no pyr.
	0.54	0.35	60	Por. Very little Ox. Fe. 825-826 core solid Latter part small amt. slightly coated Pyr. (slightly coated pyr.
	0.59	0.12	40	" Considerable Ox. Fe. and badly broken core 831-835 possibly a fracture. First feet. solid small amt.
	0.59	0.05	26	" Small amt. ox. Fe. one stringer 1" thick. may be fracture no pyr.
	0.35	0.05	21	Leached Por. " " " " no pyr.
850	0.44	0.05	23	" " " " " " first part of sample no pyr.
	0.69	0.22	27	Por. & Alaskite No ox. Fe. core solid small amt. slightly coated pyr. Last 6" Alaskite.
	0.40			
	0.54	0.05	15	
	0.64	0.10	10	
	0.79	0.05	11	
	0.59	0.22	15	
	0.44	0.14	21	
	0.53	0.11	15	
	0.44	0.20	6	
900	0.25	0.04	8	
	0.25	0.03	33	
	0.15	0.03	30	
	0.44	0.05	41	Alaskite Considerable Ox. Fe. no pyr. Fracture at 914'
	0.35			
921	0.44	0.15	37	" Small amt. Ox. Fe. no pyr. well leached.
END OF HOLE				

3 R MINE

PATAGONIA-SUPERIOR COPPER CO.

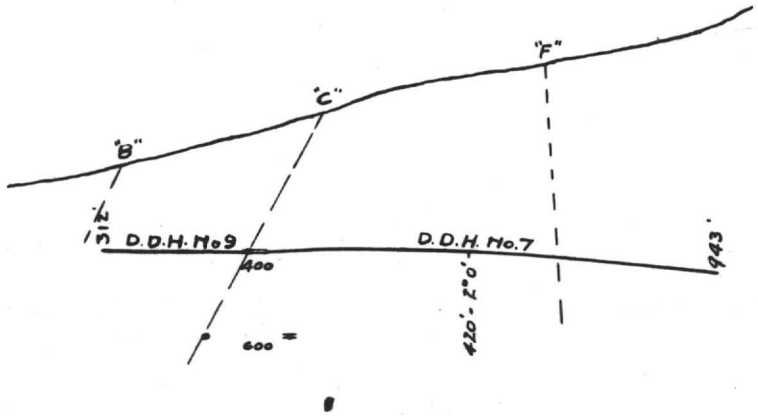
PATAGONIA, ARIZ.

JULY, 1920.



SECTION THRU D.D.H. No. 1

N. 81° E.



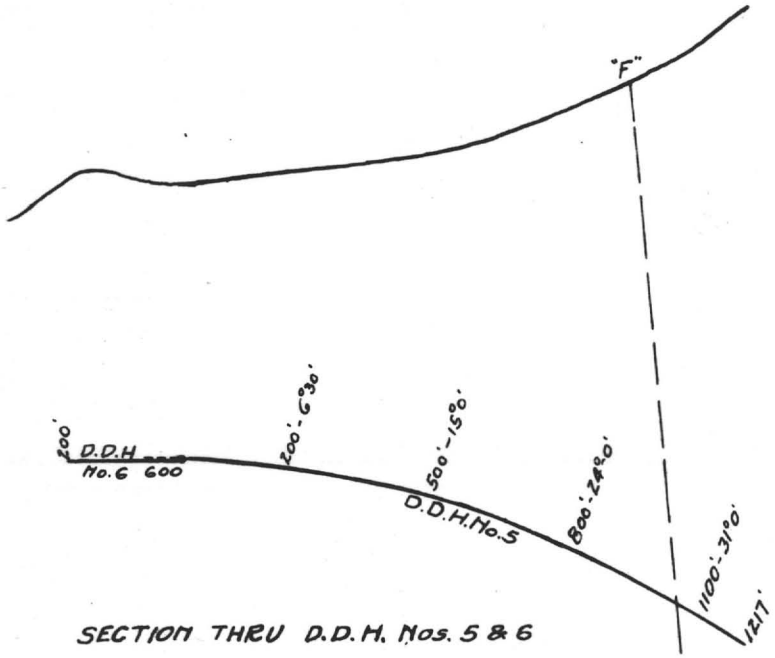
SECTION THRU D.D.H. Nos. 7 & 9

N. 70° E.

No. HOLE	BEARING	INCLINATION	LENGTH
1	N 81° E	0°0' to 10°0'	921
7	N 70° E	1°30' up to 2° down	943
9	S 70° W	Flat	312

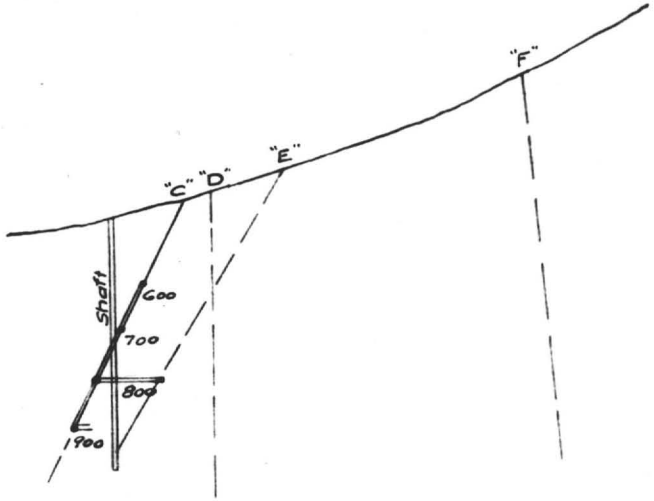
VERTICAL SECTIONS
SHOWING
DIAMOND DRILL HOLES NOS. 1, 7 & 9
3 R MINE
PATAGONIA-SUPERIOR COPPER CO.
PATAGONIA, ARIZ.

SCALE 1" = 400' SEPT. 1920.



SECTION THRU D.D.H. Nos. 5 & 6

S.70E.



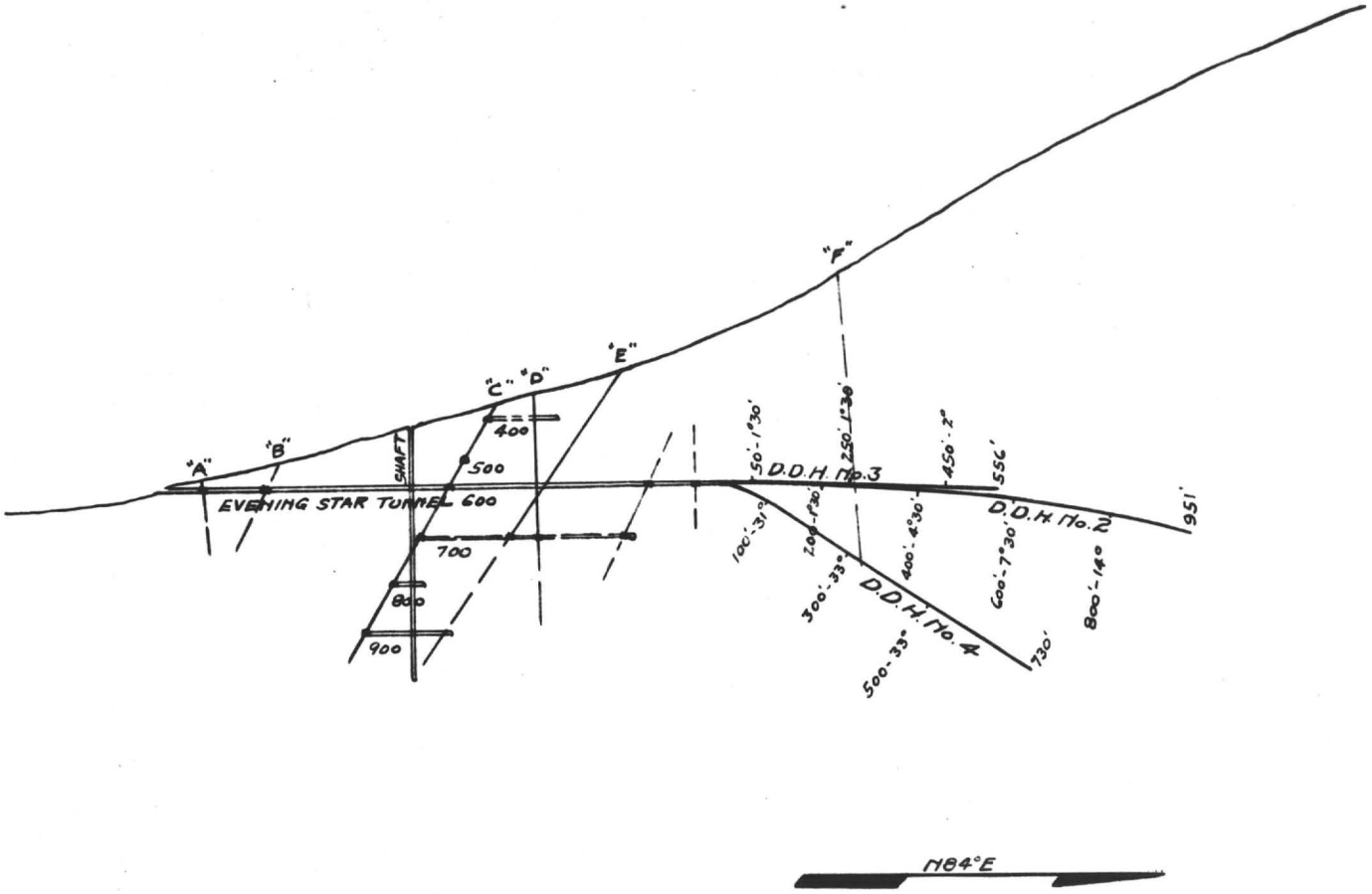
SECTION THRU D.D.H. No. 8

N.70E.

No. HOLE	BEARING	INCLINATION	LENGTH
5	S 70° E	0°0' to 31°0'	1217'
6	N 80 W		200'
8	N 70 E		

VERTICAL SECTIONS
SHOWING
DIAMOND DRILL HOLES NOS. 5, 6 & 8
3 R MINE
PATAGONIA-SUPERIOR COPPER CO.
PATAGONIA, ARIZ.

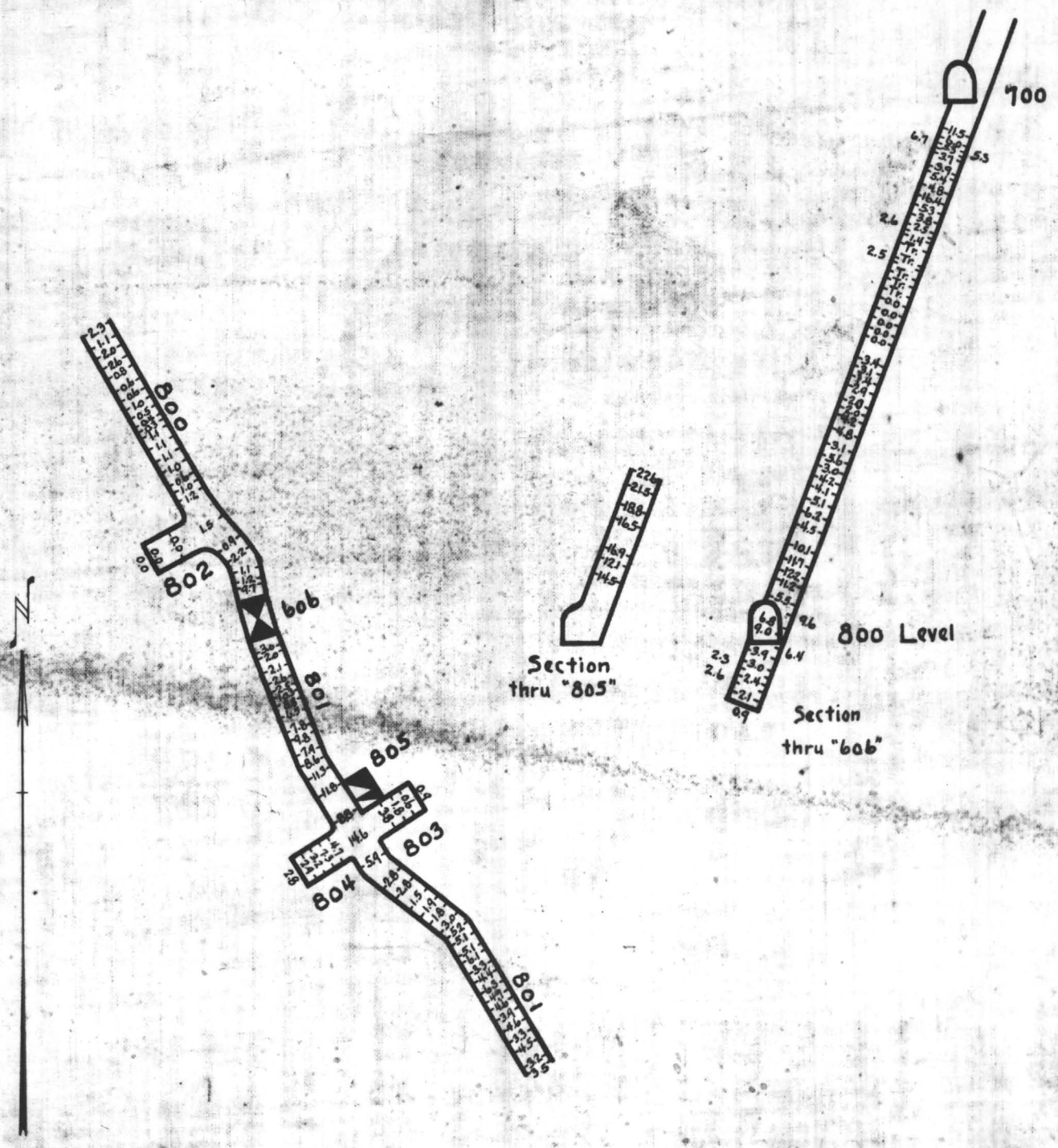
SCALE 1" = 400' SEPT. 1920.



No. Hole	Bearing	Inclination	Length
2	N 81°E	0°-0' to 14°-0'	951'
3	N 50°E	0°-0' to 2°-0'	556'
4	N 81°E	23°-0' to 33°-0'	730'

VERTICAL SECTION
THRU EVENING STAR TUNNEL
SHOWING
DIAMOND DRILL HOLES NO. 2, 3 & 4
3 R MINE
PATAGONIA-SUPERIOR COPPER CO.
PATAGONIA, ARIZ.

SCALE 1" = 400' JULY, 1920.

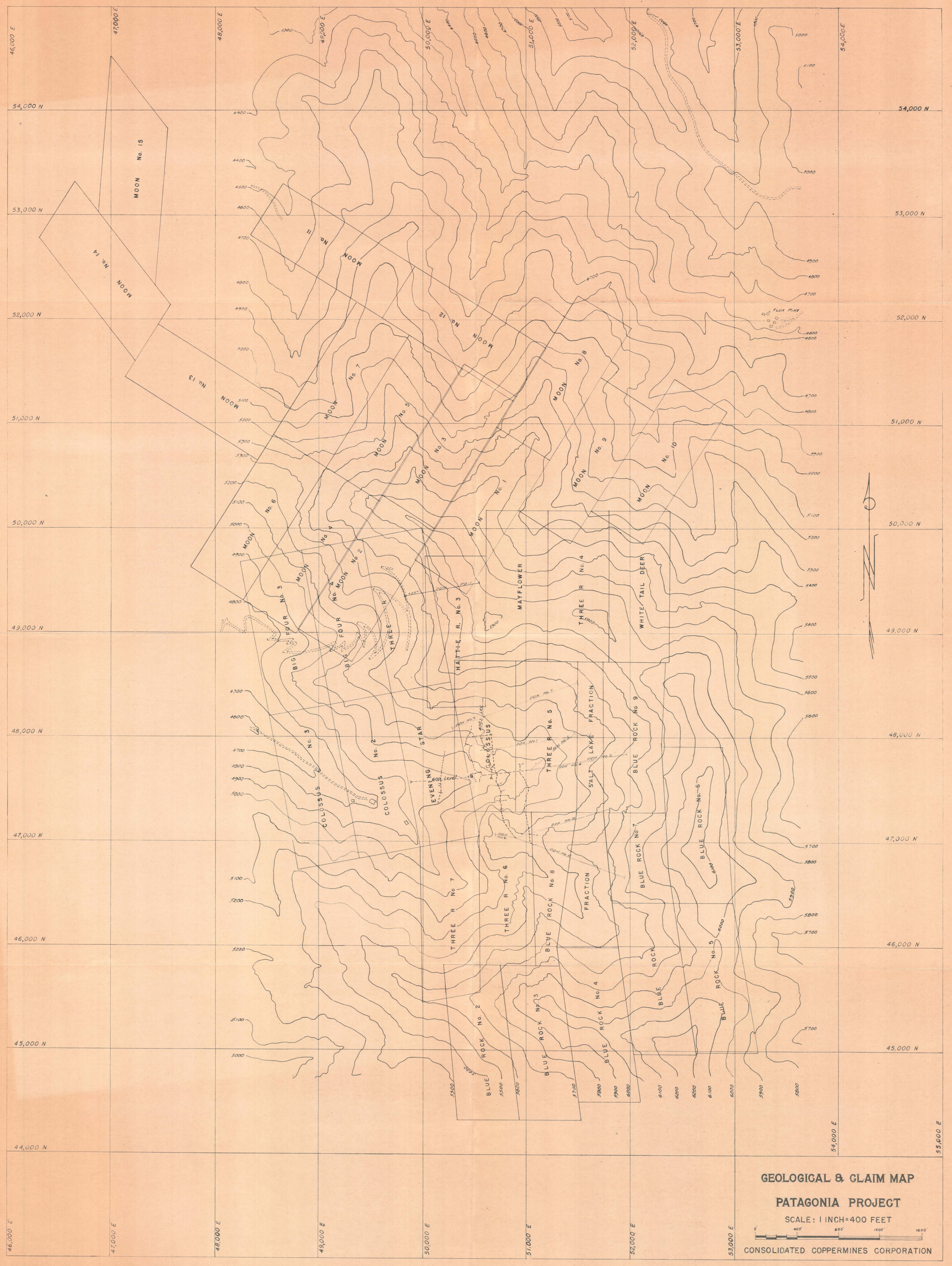


THREE R MINES

ASSAY MAP

800 LEVEL

SCALE ~ 1 INCH = 30 FEET


GEOLOGICAL & CLAIM MAP
PATAGONIA PROJECT
SCALE: 1 INCH=400 FEET
0' 400' 800' 1200' 1600'
CONSOLIDATED COPPERMINES CORPORATION
MOON No. 15
MOON No. 14
MOON No. 13
MOON No. 12
MOON No. 11
MOON No. 10
MOON No. 9
MOON No. 8
MOON No. 7
MOON No. 6
MOON No. 5
MOON No. 4
MOON No. 3
MOON No. 2
MOON No. 1
BIG FOUR No. 3
BIG FOUR No. 4
THREE R No. 2
HATTIE R. No. 3
MAYFLOWER
THREE R No. 4
WHITE TAIL DEER
COLOSSUS No. 3
COLOSSUS No. 2
COLOSSUS
STAR
EVENING
COLOSSUS
THREE R No. 5
SALT LAKE FRACTION
BLUE ROCK No. 9
BLUE ROCK No. 6
BLUE ROCK No. 7
THREE R No. 7
THREE R No. 6
BLUE ROCK No. 8
FRACTION
BLUE ROCK No. 5
BLUE ROCK No. 4
BLUE ROCK No. 3
BLUE ROCK No. 2
FLUX MINE
600' Level
DDH No. 1
DDH No. 2
DDH No. 4
DDH No. 6
DDH No. 7
DDH No. 9
DDH No. 10
46,000 E
47,000 E
48,000 E
49,000 E
50,000 E
51,000 E
52,000 E
53,000 E
54,000 E
55,000 E
54,000 N
53,000 N
52,000 N
51,000 N
50,000 N
49,000 N
48,000 N
47,000 N
46,000 N
45,000 N
44,000 N