

		12-inch A.P.C., Mark IV.A. Hadfield, C.S. At 11-inch line ..	2° 2°	1,646 1,720	Do. do. Punched out plug	Penetration, 3·9 inches. Front hole, 9·5 by 10 inches. Back damage, 21½ by 11 inches.
11,044	Vickers' 12·798 - inch. No. 52/S/8979.	13·5-inch A.P.C., Mark I.A. Hadfield, F.S.	Normal.	1,170 1,134 1,117 1,070 1,091 1,132	Broke up on face Penetrated 14·5 inches Rebounded, 8-inch point broken off Broke up on face Do. do. Penetrated 14 inches. Punched out plug.	Penetration, 1·2 inches. Front hole, 12·8 inches. Front hole, 12·8 inches. Penetration, 1·1 inches. Penetration, 1·3 inches. Front hole, 12·75 inches.
11,044	Beardmore's 12·70-inch. No. 5,979.	13·5-inch A.P.C., Mark I.A. Hadfield, F.S.	"	1,132	Penetrated 14 inches. Punched out plug. Punched out plug.	Front hole, 13 inches.
11,306	Browns' tapered. No. 8,998. Mean thickness of 250-lb. portion, 12·77-inches.	13·5-inch, A.P.C., Mark I.A. Hadfield, F.S. At 13-inch portion	2° 2°	1,075 1,103 1,156	Penetrated 13 inches. Punched out plug Broke up. Point fixed in plate Punched out plug	Front hole, 12·5 inches. Face damage, 8 by 7 inches. Hole: front, 12·75 by 12 inches: back, 15·5 by 13 inches.
		12-inch A.P.C., Mark IV.A. Hadfield, C.S. At 11-inch portion.	2°	1,661	Perforated and broke up	Hole: front, 12 inches; back, 18 by 20 inches.
			2°	1,579	Do. do.	Front hole, 12 by 12·1 inches. Back damage, 18 by 19 inches.
11,306	Cammell's 12·79 - inch. No. 7102.	13·5-inch A.P.C., Mark I.A. Hadfield, F.S.	Normal.	1,083 1,087 1,150 1,112	Broke up on face Do. do. Punched out plug	Penetration, 1·9 inches. Dish, ·5 inches. Hole: front, 13 inches; back, 22 by 18 inches.
11,623	Beardmore's 12·64-inch. No. 6,144.	Do. do.	"	1,092 1,099	Broke up on face Do. do. Punched out plug	Front damage, 8 by 9 inches. Penetration, 1·9 inches. Hole: front, 12·5 inches; back, 14·5 by 12 inches.
			"	1,102	Do. do.	Hole: front, 12·5 inches; back, 13·5 by 14 inches.
11,623	A.W. Co's 12·75 - inch. No. 13,638.	Do. do.	6° 4½° 4½° Normal 4½°	1,112 1,110 1,037 1,016 949	Broke up on face Punched out plug. Rebounded unbroken Plug nearly broken out. Rebounded Rebounded unbroken Broke up on face	Front dish, ·5 inch. No effect on back. Penetration, 16·5 inches. Penetration, 15·25 inches. Penetration, 14·5 inches. Front dish, ·25 inches. No effect on back.
11,845	Brown's 13 to 12-inch. No. 9,210.	13·5-inch A.P.C., Mark I.A. Hadfield, F.S. At 520 lb. portion	2° 2° 2° 2°	1,102 1,049 985 931	Plug: add part disc punched out Plug punched out Penetrated 12·5 inches. Rebounded unbroken. Plug nearly punched out. Rebounded unbroken.	Hole: front, 13 inches; back 20 by 15 inches. Hole: front, 12·5 inches; back, 12 by 13 inches. Hole: front, 12·25 inches; back, 5½ by 3 inches. Penetration, 12·25 inches.