

Trials against Armour Plates and Tubes—*continued.*

O.B. Minute.	Nature of plate.		Nature of projectile.		Angle of attack from normal.	Striking velocity. f.s.	Result.	
							Projectile.	Plate.
11,845	Beardmore's No. 6,146.	12·72-inch.	18·5-inch A.P.C., Mark I.A., Hadfield's F.S.	} Normal	1,118	Disc punched out. Rebounded, point off..	Front hole, 12·5 inches. Back damage 80 by 18 inches.	
					1,044	Rebounded (unbroken)	Penetration, 12·25 inches.	
					1,045	Do. do.	Penetration, 12·5 inches.	
					1,067	Broke up on face	Penetration, 1·5 inches.	
					1,077	Do.	Penetration, 1 inch.	
					1,180	Broke up in front	Penetration, 1 inch. No effect on back.	
11,845	Beardmore's No. 6,154.	12·73-inch.	Do.	} do.	1,108	Broke up on face	Do. do.	
					1,176	Plug punched out, and rebounded..	Hole: front, 13 inches; back, 11½ by 15 inches.	
					1,146	Do. do.	Hole: front, 13 inches; back, 15½ by 14½ inches.	
					1,111	Do. do.	Hole: front, 13 inches; back, 13 by 15 inches.	

11-inch Plates.

9,740	Brown's No. 3,587.	10·87 - inch.	12-inch A.P.C., Mark IV.A., Hadfield, C.S.	} Normal	1,758	Broke up	Penetration could not be measured.
					1,748	Do.	Penetration 4·8 inches.
					1,809	Perforated and broke up	Hole: front, 10½ by 11½ inches; back, 11½ by 12 inches.
					1,788	Do. do.	Front hole, 11 by 9½ inches. Back damage, 36 by 19 inches.
10,406	A.W. Co.'s No. 4/12,316.	10·81 - inch.	Do.	} do.	1,716	Punched out plug and broke up	Front hole, 12·8 by 13·2 inches. Back damage, 24 by 27 inches.
					1,648	Do. do.	Front hole, 12 by 13·3 inches. Back damage, 23 by 24 inches.
					1,541	Punched out disc and broke up	Front hole, 11½ by 18 inches. Back damage, 42 inches by 30½ inches.
11,046	A.W. Co.'s No. 12,286/4.	10·90 - inch.	Do.	} do.	1,654	Punched out plug and part disc	Front hole, 11 by 13 inches. Back damage, 30 by 26 inches.
					1,565	Broke up on face	Front damage, 11 by 10 inches.
					1,565	Do.	Front damage, 13 inches.