



H.P. White Laboratory, Inc.

BALLISTIC RESISTANCE TEST

Client : 5357:CATI ARMOR, LLC.

Job No. : 000008261 Test Date : 4/30/18

TEST PANEL

Manufacturer : CATI ARMOR, LLC.
 Size : 10x12 in.
 Thicknesses : NA
 Avg. Thick. : NA
 Description : PROPRIETARY

Sample No. : 5
 Weight : 7.93 lbs.
 Hardness : NA
 Plies/Laminates : N/A

Date Rec'd. : 4/26/18
 Via :
 Returned :

SET-UP

Shot Spacing : NIJ-STD-0101.07, RF2
 Witness Panel :
 Obliquity : 0 deg.
 Backing Material : 5.5" CLAY/PLYWOOD
 Conditioning : AMBIENT

Primary Vel. Screens : 39.5 ft., 44.5 ft.
 Primary Vel. Location : 42.0 ft. From Muzzle
 Residual Vel. Screens : NA
 Residual Vel. Location : NA
 Range to Target : 50.3 ft.
 Target to Wit. : 0.0 in.

Range No. : 1
 Temp. : 68 F
 BP : 30.20 in. Hg
 RH : 33%
 Barrel No./Gun : 223/R1
 Gunner : STREETT
 Recorder : CHES

AMMUNITION

(1) : 5.56mm Ball, M855, 62 gr.
 (2) :
 (3) :
 (4) :

Lot No. : HPW- 0028
 Lot No. :
 Lot No. :
 Lot No. :

APPLICABLE STANDARDS OR PROCEDURES

- (1) : NIJ-STD-0101.07 DRAFT, RF2 (MODIFIED)
- (2) : PRE TEST CLAY DROPS: 20mm, 19mm, 19mm, 20mm, 20mm
- (3) : RE TEST CLAY TEMP: 103.2° F

Shot No.	Ammo.	Time 1 (usec)	Velocity 1 (ft/s)	Time 2 (usec)	Velocity 2 (ft/s)	Avg. Vel. (ft/s)	Penetration	Footnotes
1	1	1605	3115	1605	3115	3115	None	DEF. 07mm
2	1	1583	3159	1578	3169	3164	None	DEF. 09mm
3	1	1610	3106	1605	3115	3110	None	DEF. 06mm

<u>REMARKS :</u>	<u>FOOTNOTES :</u>