

CHEMICAL & METALLURGICAL LABORATORY REPORT

TEST PERFORMED BY: R Lefebvre

DATE: 9-28-81

PART NAME/MODEL: Barrel (muzzle), S&W 1500

PART NUMBER:

SAMPLE SIZE: 1

REQUESTED BY: S. Franz

DEPT: R & D

REASON FOR REQUEST: Evaluation of competitive products.

HARDNESS: Rc 28

SCALE:

HEAT TREAT/COMMENTS:

CHEMICAL ANALYSIS/COMMENTS: 4140 with reduced manganese
and high residual nickel

RC-28

221333925812911 EXPS. I
CV 25152 C 1.43 S .354 MN .63 MO .22 CR .75 NI
P .317 SI .19 V .239 CU .273 PB .3327 BK 3132
OUT OF RANGE FOR BK CV

OTHER TESTS/COMMENTS: