



EST, Inc.
www.estinc.net

SPECIFIC GRAVITY AND ABSORPTION OF COARSE AGGREGATES AASHTO T - 85

PROJECT NAME: BLUEBIRD STONE
PROJECT NUMBER:
EST PROJECT NUMBER: 5030273
PROJECT LOCATION:
CONTRACTOR: BLUEBIRD STONE

LAB NUMBER:
TESTED BY: JEREMY HARJO
SAMPLE LOCATION:
MATERIAL DESCRIPTION: "HICKORY"

OVEN DRY WEIGHT
SSD WEIGHT
WEIGHT IN WATER

5150.7
5284.7
3191.2

ABSORPTION % = $\frac{\text{SSD WEIGHT} - \text{OVEN DRY WEIGHT}}{\text{OVEN DRY WEIGHT}}$ = 2.60

APPARENT GRAVITY = $\frac{\text{OVEN DRY WEIGHT}}{\text{OVEN DRY WEIGHT} - \text{WEIGHT IN WATER}}$ = 2.63

SSD BULK = $\frac{\text{SSD WEIGHT}}{\text{SSD WEIGHT} - \text{WEIGHT IN WATER}}$ = 2.52

BULK GRAVITY = $\frac{\text{OVEN DRY WEIGHT}}{\text{SSD WEIGHT} - \text{WEIGHT IN WATER}}$ = 2.46

REMARKS:

CC & INVOICE: BLUEBIRD STONE
CC: FILE

Michael Evans
MICHAEL EVANS, PROJECT MGR

NORMAN OFFICE 320 S BERRY ROAD NORMAN, OK 73071 (405) 874-8326 (405) 124-1814 FAX	MOORE OFFICE 201 INDUSTRIAL BLVD MOORE, OK 73160 (405) 922-8428 (405) 912-2538 FAX	ARDMORE OFFICE 1800 COOPER DRIVE ARDMORE, OK 73411 (580) 225-1118 (580) 224-4427 FAX	MALESHO OFFICE 1905 N. LUTHER BY BAYB A MALESHO, OK 73051 (405) 425-8077 (405) 425-4280 FAX	TULSA OFFICE 100 S MYRTLE PLACE TULSA, OK 74124 (918) 436-1224 (918) 436-4711 FAX	LAWTON OFFICE 218 S E H AVENUE LAWTON, OK 73041 (580) 551-1480	STILLWATER OFFICE 2415 COUNTRY CLUB, STE. C STILLWATER, OK 74053 (405) 977-6700	EDMOND OFFICE 300 W. 18TH ST., STE. 101 EDMOND, OK 73111
--	---	---	--	--	--	---	---

