



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: **PEDE4**

Please circle relevant descriptions shown in *italics*.

*Pen de u*

Date Collected (DD/MM/YY): **23 July 07**

Seed Collection Reference Number: **ID-87**

Collector(s): **Brett Van Paeppeghe**

Country: **USA** Ecoregion:  State: **Id.** County: **Boise**

Location Details: **ON RIVERS EDGE SOUTH FORK OF THE PAYETTE 2.5 MILES EAST FROM BANKS**

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): **0573661 N** GPS Used?:  Yes  No If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): **4883496 W** GPS Datum: **NAD83** NAD27 WGS84 Other:

Elevation (feet): **2893** Landowner Details (Permission?): **BLM**

**HABITAT DATA**

Habitat & Associated Species: **rocky outcrop**

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* **Other: NONE**

Land Form: **Rivers Edge** Slope: **10°**

Land Use: **N/A** Aspect: **N NE E SE S SW W NW**

Geology: **Granite**

Soil Texture: **Clay Silt Sand Other:** Soil Color: **Brown**

**COLLECTION DATA - If plant has been identified by a specialist, please see other side.**

Family: **Scrophulariaceae**

No. of Plants Sampled (min. 50): **80**

Genus: **Penstemon**

No. of Plants Found (approx.): **1005**

Species: **deustus**

Area Sampled (acres): **3**

Subspecies/Variety:

**US Mail**

Seeds Collected From:  **Plants**  Ground  Both

Plant Habit: *Tree* *Shrub*  **Forb** *Succulent* *Grass/Grasslike*

Plant Height (feet): **1.5'**

Does the pressed specimen have the same reference as the seed collection?:  Yes  No

**Rec 9/20/07**

If not, enter details of collector, reference, where lodged, and date collected:

**1 cloth (breathable)**  
**0680**  
**- 023**

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

**0587**

Common Name(s) of Plants: **White Penstemon (Scabland penstemon)**

Photograph Taken:  **Digital** 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed: **BLM St. office**

**ID card**

SOSID-93007-03

PEDE4-SOSID-930-B7-07  
Penstemon deustus  
hot-rock penstemon  
SNWC .58 P

# Seed Test/Packaging Record

## PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	4/17/08
OSU Sample Taken	# of pounds	
	0.031g	LAD
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	91%	ENTERED
Moisture Content		
Seed Count	3,240,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 96% or NOXIOUS WEED only ___		

## MOISTURE CONTENT (use one of two methods below)

\*\*Dole Meter\*\*

\*\*Moisture Analyzer\*\*

Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

## X-Ray Results

91 % Filled 99  
8  
Results from 99 Seed X-Ray

## PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: \_\_\_\_\_ gms

Wt of Impurities:

- Crops \_\_\_\_\_ gms
- Inerts 0.011 gms
- Weeds \_\_\_\_\_ gms
- Noxious \_\_\_\_\_ gms

0.243  
0.028  
0.271

Wt. of All Impurities: 0.011 gms

Wt. of Clean Seed 0.271 gms

TOTAL (Impurities + Clean Seeds) 0.282 gms

Percent Purity =  $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}}$

X 100 = 96% %

## SEEDS PER POUND

Weight to three decimal places, when possible  
Wt. of 5 reps of 100 seeds each (in grams).

0.015 0.013

TOTAL of ALL Reps: 0.070

Average: 0.014

\*\* NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 0.140 = 1000 seed wt.

Seeds per Pound = 3,240,000

## FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.105#		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.105#

Transaction Fee: \_\_\_\_\_

Seedbank Location \_\_\_\_\_

SEED TRANSFER Log Number \_\_\_\_\_

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
4/17/08	1045	1300 *	226-test	LAD
			2270-pkg	

N/A	ID card file sample
	Regional Office ID file

done 4/19/08 Inventory card  
LAD

POSTED TO: Lot Completion Logbook done Computer NMIS \_\_\_\_\_  
4/17/08