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PNP 2017-062

October 18, 2017

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

**SUBJECT:** 2017 Steam Generator Tube Inspection Report

Palisades Nuclear Plant  
Docket 50-255  
Renewed Facility Operating License No. DPR-20

Dear Sir or Madam:

Entergy Nuclear Operations, Inc. is providing the enclosed 2017 steam generator tube inspection report in accordance with Palisades Nuclear Plant Technical Specifications Section 5.6.8, *Steam Generator Tube Inspection Report*. The specification requires that the report be submitted within 180 days after initial entry into mode 4 following completion of the inspection. Mode 4 was entered on May 15, 2017.

This letter contains no new commitments and no revised commitments.

Sincerely,

A handwritten signature in black ink, appearing to read "JAH", with a stylized flourish at the end.

JAH/jpm

**Attachment:** Palisades 2017 Refueling Outage, 1R25, 180-Day Steam Generator Tube Inspection Report, AREVA Inc., Engineering Information Record, Document No.: 51-9275005-000

**cc:** Administrator, Region III, USNRC  
Project Manager, Palisades, USNRC  
Resident Inspector, Palisades, USNRC

# **ATTACHMENT**

**Palisades**

**2017 Refueling Outage, 1R25**

**180-Day Steam Generator Tube Inspection Report**

**AREVA Inc.**

**Engineering Information Record**

**Document No.: 51-9275005-000**

71 pages follow



# **AREVA Inc.**

## **Engineering Information Record**

Document No.: 51 - 9275005 - 000

### **Palisades 1R25 2017 180-Day Steam Generator Tube Inspection Report**



20004-022 (03/10/2016)

Document No.: 51-9275005-000

Palisades 1R25 2017 180-Day Steam Generator Tube Inspection Report

Safety Related? ☒ YES ☐ NO

Does this document establish design or technical requirements? ☐ YES ☒ NO

Does this document contain assumptions requiring verification? ☐ YES ☒ NO

Does this document contain Customer Required Format? ☐ YES ☒ NO

**Signature Block**

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A designates Approver/RTM – Verification of Reviewer Independence

**Project Manager Approval of Customer References (N/A if not applicable)**

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Palisades 1R25 2017 180-Day Steam Generator Tube Inspection Report

**Record of Revision**

Revision No.	Pages/Sections/ Paragraphs Changed	Brief Description / Change Authorization
000	N/A	Original Issue



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## **1.0 PURPOSE**

The purpose of this document is to provide the 1R25 steam generator (SG) tube inspection report in accordance with Palisades Technical Specification 5.6.8, "Steam Generator Tube Inspection Reports" [3]. The report is provided in its entirety in Section 4.0 and the appendices of this document, from which it may be copied and modified as necessary by the Palisades Licensing Department.

## **2.0 ASSUMPTION**

This document contains no assumptions.

## **3.0 INPUTS**

The information summarized in this report was extracted from References [1], and [4].

## **4.0 180-DAY REPORT CONTENTS**

Palisades Technical Specification (TS) 5.6.8, Steam Generator Tube Inspection Reports [3], requires Entergy Nuclear Operations, Inc. (ENO), to submit a report to the Nuclear Regulatory Commission (NRC) within 180 days after initial entry into mode 4 following a steam generator inspection performed in accordance with TS 5.5.8, Steam Generator (SG) Program. The report is required to address the following items:

- a. The scope of inspections performed on each SG
- b. Active degradation mechanisms found
- c. Nondestructive examination techniques utilized for each degradation mechanism
- d. Location, orientation (if linear), and measured sizes (if available) of service induced indications
- e. Number of tubes plugged during the inspection outage for each degradation mechanism
- f. The number and percentage of tubes plugged to date
- g. The results of condition monitoring, including the results of tube pulls and in-situ testing
- h. The effective plugging percentage for all plugging in each SG
- i. The results of monitoring for tube axial displacement (slippage)

Entergy and AREVA performed a SG inspection in accordance with TS 5.5.8 during the Palisades Spring 2017 refueling outage (1R25). This inspection was the 17<sup>th</sup> in-service inspection following SG replacement and the 1<sup>st</sup> of 3 scheduled inspections in the fifth sequential Inspection period (Table 4-1). Initial entry into mode 4 occurred on May 15, 2017; therefore, this report is required to be submitted by November 11, 2017.

The following section ("Background") briefly describes the Palisades SG design characteristics and operating history, while the subsequent section ("Specific Responses") provides responses to each of the TS 5.6.8 questions. Appendix A provides definitions for the acronyms and abbreviations used in this report.



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## Palisades 1R25 2017 180-Day Steam Generator Tube Inspection Report

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### Background

Palisades is a Combustion Engineering (CE) PWR equipped with two CE Model 2530 replacement steam generators. These steam generators were installed in the early 1990's as replacements for the original steam generators. Each steam generator contains 8219 Inconel 600 tubes with an outer diameter of 0.75 inches and nominal wall thickness of 0.042 inches. The tubes are arranged in a 1-inch triangular-pitch pattern comprised of 138 rows and 165 columns. The tubes in rows 1 through 18 are of u-bend design with a minimum bend radius of 2.5 inches (row 1) and maximum radius of 11 inches (row 18). The tubes in Rows 19 through 138 are of "square-bend" design consisting of two 90 degree bends of constant radius with a straight horizontal section of tubing of varying length between the two bends. The tubes were explosively expanded throughout the full tubesheet depth and are supported by several structures which include horizontal eggcrate supports, diagonal bars, and vertical strap supports. All of the support structures were fabricated with stainless steel. The general layout of the steam generator internals and associated nomenclature are provided in Appendix B.

The Palisades SGs had accrued 21.15 effective full power years (EFPY) of operation through the end of cycle 25 (i.e., 1R25) per Ref [6] with a nominal hot leg temperature of 583°F. The 1R24 inspection of the two Palisades SGs was the 17<sup>th</sup> in-service inspection (ISI) following SG installation in 1990, and the first scheduled inspections in the fifth sequential inspection period (Table 1). The values provided in Ref [6] are the most current available from the utility and contain small Cycle EFPD differences (typically less than 1 EFPD) from the values used in the previous Palisades 180-Day report. Table 4.2 has been updated in entirety to match the values in Ref [6].



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**Table 4-1: Refueling Outage (RFO) Information Since SG Replacement**

Outage	Outage Year	Cycle EFPD	Cumulative EFPY	First Inspection Period (EFPMs)	Second Inspection Period (EFPMs)	Third Inspection Period (EFPMs)	Fourth Inspection Period (EFPMs)	Fifth Inspection Period (EFPMs)
1R9	1992	298.5	0.82	9.81				
1R10	1993	356.8	1.79	11.72				
1R11	1995	430.4	2.97	25.86				
1R12	1996	407.8	4.09	39.26				
1R13	1998	424.2	5.25	53.2				
1R14	1999	449.6	6.48		7.97			
1R15	2001	402	7.58		21.18			
1R16	2003	444.5	8.80		35.78			
1R17	2004	493.1	10.15		51.98			
1R18	2006	472	11.44			7.49		
1R19	2007	459.2	12.70			22.57		
1R20	2009	499.8	14.07			39.00		
1R21	2010	507.7	15.46			55.68		
1R22	2012	495.3	16.81				11.95	
1R23	2014	513.3	18.22				28.81	
1R24	2015	539.4	19.70				46.53	
1R25	2017	533.1	21.15					4.05
1R16*	2018*	501*	22.53*					20.51

Notes: \* Projection

EFPD = effective full power days  
EFPM = effective full power months  
EFPY = effective full power years



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#### 4.1 a) The scope of inspections performed on each SG

The 1R25 work scope in both SGs (SGA and SGB) included eddy current (ECT) inspections, primary side visual inspections, and secondary side visual inspections. Figure 4-1 details all ECT and plug visual inspections performed.

#### ECT Inspection

A summary of the ECT inspections performed is provided in Table 4-2.

**Table 4-2: Eddy Current Tube Inspection Scope**

Scope	Probe Type	SGA	SGB
Full Length (Note 1)	Bobbin	100%	100%
Row 1 through 3 U-bends	MRPC	100%	100%
Hot Leg Tubesheets TTS+4"/-13.5"	MRPC	100%	100%
Cold Leg Outer Three Periphery Tubes TTS+4"/-2" for detection of possible loose parts or wear signals (Note 2)	MRPC	12.8%	12.7%
Freespan Dings >5.0 Volts between TSH and TSC	MRPC	100%	100%
Dents >2.0 Volts at Vertical Straps, Diagonal Bars & Eggcrates between TSH and TSC	MRPC	100%	100%
Wear at Eggcrates (Current and Historical)	MRPC	100%	100%
Historical Wear at Diagonal Bars and Vertical Straps	MRPC	25%	25%
Supplemental (Note 3)	MRPC	100%	100%
<b>Notes:</b> <ol style="list-style-type: none"> <li>1. Except for the bend portion of rows 1 through 3</li> <li>2. The values shown are percentages of the installed tube population</li> <li>3. All DDI, DSI, NQI, PLP (Bound MRPC PLPs), PVN and new wear indications</li> </ol>			





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### **Primary Side Visual Inspections**

The primary side work activities include visual examination of the primary channel head and all installed tube plugs. The purpose of the as-found and as-left visual examination of the primary channel heads (both H/L and C/L) is to assess general material condition, to identify and remove foreign objects, if any and to complete the cladding inspection in accordance with the AREVA procedure for bowl inspections to address Nuclear Safety Advisory Letter NSAL-12-1. Additional detail is available in Reference [1] No anomalous conditions were identified during these inspections. All plugs were present in the proper location and no degradation was observed.

### **Secondary Side Scope**

The secondary side work activities performed during the 1R25 outage included a visual inspection and foreign object search and retrieval (FOSAR) at the top-of-tubesheet (TTS) in the tube-to-shell annulus and divider lane. All visually-accessible passages between tubes were viewed from the tube bundle periphery on each leg. All findings were documented in the AREVA foreign object tracking system (FOTS). Additional detail is available in Reference [1]

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### Figure 4-1: 1R25 Inspection Summary

Entergy

Palladas Unit 1  
RFO 25  
ECT Status Report

5/8/17 12:25 PM

S/G	Exam Type	Exams Planned	Exams Acquired	Total Retests	Exams Evaluated	% Complete
A	Bobbin - Full Length	7327	7327	0	7327	100.00%
A	Bobbin - H/L Straights Rows 1-6	342	342	0	342	100.00%
A	Bobbin - C/L Straights Rows 1-3	171	171	0	171	100.00%
A	Bobbin - C/L CandyCane Rows 4-6	171	171	0	171	100.00%
A	RPC H/L Top of Tubesheet	7669	7669	0	7669	100.00%
A	RPC C/L Top of Tubesheet	988	988	0	988	100.00%
A	RPC Row 1-3 U-Bend	171	171	0	171	100.00%
A	RPC SI H/L DNG/DNT/TRA	19	19	0	19	100.00%
A	RPC SI C/L DNG/DNT/TRA	62	62	0	62	100.00%
A	RPC SI U-Bend DNG/DNT/TRA	1006	1006	0	1006	100.00%
A	RPC SI U-Bend 25% Wear Sample	203	203	0	203	100.00%
Total Tests All Programs		18119	18119	0	18119	100.00%
B	Bobbin - Full Length	7416	7416	0	7416	100.00%
B	Bobbin - H/L Straights Rows 1-6	352	352	0	352	100.00%
B	Bobbin - C/L Straights Rows 1-3	173	173	0	173	100.00%
B	Bobbin - C/L CandyCane Rows 4-6	179	179	0	179	100.00%
B	RPC H/L Top of Tubesheet	7768	7768	0	7768	100.00%
B	RPC C/L Top of Tubesheet	989	989	0	989	100.00%
B	RPC Row 1-3 U-Bend	173	173	0	173	100.00%
B	RPC H/L Square Bend Bound 99-140 (07H-VS2)	3	3	0	3	100.00%
B	RPC SI H/L DNG/DNT/TRA	36	36	0	36	100.00%
B	RPC SI C/L DNG/DNT/TRA	34	34	0	34	100.00%
B	RPC SI U-Bend DNG/DNT/TRA	556	556	0	556	100.00%
B	RPC SI U-Bend 25% Wear Sample	205	205	0	205	100.00%
Total Tests All Programs		17884	17884	0	17884	100.00%

<u>Special Interest +Point Diagnostic Exams</u>					
		Exams Planned	Exams Acquired	Exams Evaluated	% Complete
A	RPC H/L I-Codes/TSP %TW/New DNT-DNG	406	406	406	100.00%
A	RPC C/L I-Codes/TSP %TW/New DNT-DNG	550	550	550	100.00%
A	RPC U-Bend I-Codes/New DNT,DNG,%TW	69	69	69	100.00%
Total Tests All SI Programs		1025	1025	1025	100.00%
B	RPC H/L I-Codes/TSP %TW/New DNT-DNG	345	345	345	100.00%
B	RPC C/L I-Codes/TSP %TW/New DNT-DNG	560	560	560	100.00%
B	RPC U-Bend I-Codes/New DNT,DNG,%TW	46	46	46	100.00%
Total Tests All SI Programs		951	951	951	100.00%

ADDITIONAL INFORMATION				
		Plugs Planned	Plugs Inspected	% Complete
A	H/L Plugs Visual Exam	550	550	100.00%
A	C/L Plugs Visual Exam	550	550	100.00%
B	H/L Plugs Visual Exam	451	451	100.00%
B	C/L Plugs Visual Exam	451	451	100.00%
<u>Repair Candidates</u>		<u>S/G A</u>	<u>S/G B</u>	<u>Total</u>
Bobbin >= 40%		1	0	
+Point I-Codes		14	3	
Preventative Tube Plug		10		
Total New Tubes to Plug		25	3	28
Prior Plugged Tubes		550	451	1001
Total Committed Plugged Tubes		575	454	1029



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**4.2 b) Active Degradation Mechanisms Found**

Degradation identified in 1R25 included corrosion-related cracking coincident with structures and in the freespan, and mechanical wear. Degradation identified was predicted and addressed in the Degradation Assessment. Table 4-3 summarizes the degradation identified.

**Table 4-3: 1R25 Active Degradation Mechanism**

SG	Location	Damage Mechanism
Both	Diagonal Bar (DB) Support	Wear
Both	Vertical Strap (VS) Support	Wear
Both	Eggcrate (EC) Support	Wear
Both	Foreign Object (FO) on TTS (Note 1)	Wear
Both	Hot Leg EC Supports	Axial ODSCC
Both	Hot Leg Top-of-Tubesheet (TTS)	Axial ODSCC
SGB	Hot Leg Freespan (no ding)	Axial ODSCC / IGA (Note 2)
SGA	Hot Leg Top-of-Tubesheet (TTS)	Circumferential ODSCC
SGA	Hot Leg Tubesheet Expansion	Axial PWSCC
<b>Notes:</b> 1. All Foreign Object Wear identified in 1R25 was historical with the object having been removed in a prior inspection. There was no new foreign object wear or wear adjacent to a foreign object identified in 1R25. 2. 8 indications of Axial ODSCC were identified in SGB at 1R25 in tube 62-101. The indications had flaw morphology characteristics of Freespan Axial Intergranular Attack (IGA). Both Axial ODSCC and Axial IGA are detected and sized using the same ECT probes/techniques. Other indications were evaluated for characteristics of IGA. None was identified.		

**4.3 c) Nondestructive examination techniques utilized for each degradation mechanism**

Nondestructive examination utilized during the 1R25 inspection and their corresponding intended degradation mechanism are given in Table 4-4. .



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Table 4-4: ECT Technique Table

Degradation Mechanism	Probe Type	EPRI ETSS	Demonstrated Applicability	Extended Applicability	Detection?	Sizing?
<b>BOBBIN PROBE</b>						
Tube to Tube Wear	Bobbin	13091.1 Rev. 0	Freespan tube-to-tube wear	None	Yes	Yes
Axial ODSCC	Bobbin	I28413 Rev. 3	Freespan (excluding u-bend), eggcrate, sludge pile, & broached TSPs with or without dents $\leq 2V_{pp}$	None	Yes	No
Axial ODSCC	Bobbin	24013.1 Rev. 2	Freespan including dings $\leq 5V$	None	Yes	No
Foreign Object Wear	Bobbin	27091.2 Rev. 1	Foreign object wear (part not present); I-690 tubing	Extended for I-600 tubing	Yes	Yes
Support Wear	Bobbin	96004.1 Rev. 13	AVBs, TSPs, vertical and diagonal straps	Dents $< 5V$	Yes	Yes
Pitting	Bobbin	96005.2 Rev. 9	Freespan in the presence of copper	Sludge Pile	Yes	Yes
<b>AXIAL ODSCC</b>						
Axial ODSCC	+Point™	I28424 Rev. 3 (detect); I28431 Rev. 2 (sizing)	TSP (with or without dents $\leq 2V_{pp}$ ) and sludge pile	None	Yes	Depth: Yes BED: Yes BEL: Yes
Axial ODSCC	+Point™	I28425 Rev. 3 (detect) I28432 Rev. 2 (sizing)	Freespan (excluding u-bend), eggcrate, & broached TSPs with or without dents $\leq 2V_{pp}$	None	Yes	Depth: Yes BED: Yes BEL: Yes
Axial ODSCC	+Point™	10411.1 Rev. 0	Low Row U-bends	Higher Row U-bends	Yes	Yes
Axial ODSCC	+Point™	21409.1 Rev. 7	Support structures, freespan, sludge pile, & tubesheet crevice	U-bends	Yes	PDA: Info Length: Info
Axial ODSCC	+Point™	22401.1 Rev. 4	Dented TSPs	Freespan dings & dented eggcrates, diagonal bars and vertical straps	Yes	Depth: Info Length: Yes
<b>AXIAL PWSCC</b>						
Axial PWSCC	+Point™	20511.1 Rev. 8	Expansion Transitions	Tubesheet	Yes	Depth: Yes PDA: Info Length: Yes



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Degradation Mechanism	Probe Type	EPRI ETSS	Demonstrated Applicability	Extended Applicability	Detection?	Sizing?
Axial PWSCC	+Point™	96703.1 Rev. 17	Dents/Dings	Tubesheet, Dented supports	Yes	Depth: Yes Length: Yes
Axial PWSCC	+Point™	96511.2 Rev. 16	Low Row U-bends	Higher Row U-bends	Yes	Yes
Axial PWSCC	+Point™ High Freq	99997.2 Rev. 10	Low Row U-bends	Higher Row U-bends	Yes	Yes
CIRCUMFERENTIAL ODSCC						
Circ ODSCC	+Point™	21410.1 Rev. 6 Note 4	Expansion Transitions	U-bends, freespan dings, dented supports	Yes	Depth: Info PDA: Yes
Circ ODSCC	+Point™	22842.1 Rev. 4	Dented Supports	Freespan dings, u-bends	Yes	Length: Yes
CIRCUMFERENTIAL PWSCC						
Circ PWSCC	+Point™	I11524 Rev. 0	Expansion Transitions	U-bends, Dents/Dings, Tubesheet	Yes	No
Circ PWSCC	+Point™	20510.1 Rev. 7	Expansion Transitions	U-bends	No (see I11524)	Depth: Yes PDA: Yes Length: Yes
Circ PWSCC	+Point™	96511.2 Rev. 16	See "Axial PWSCC" section of this table			
Circ PWSCC	+Point™	96701.1 Rev. 12	Expansion Transitions	Dents/Dings and tubesheet	No (see I11524)	Depth: Yes PDA: Yes Length: Yes
Circ PWSCC	+Point™ High Freq	99997.2 Rev. 10	See "Axial PWSCC" section of this table			
WEAR						
Tube to Tube Wear	+Point™	13901.1 Rev. 1	Freespan tube-to-tube wear	U-bends	Yes	Depth: Yes
Wear	+Point™	10908.4 Rev. 1	AVBs	Dented/non-dented Supports, Foreign object wear (part present)	Yes	Depth: Yes
Foreign Object Wear (Note 1)	+Point™ or .115 Pancake	27901 through 27907	Foreign object wear (part not present)	Volumetric Freespan Wear (part not present)	Yes	Yes
PITTING						
Pitting	+Point™	21998.1 Rev. 4	Volumetric in freespan	Sludge Pile	Yes	Yes



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Degradation Mechanism	Probe Type	EPRI ETSS	Demonstrated Applicability	Extended Applicability	Detection?	Sizing?
NOTES: 1. Multiple ETSSs were available for depth sizing of foreign object wear, each depending on the shape of the wear scar and the coil being used.						

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**4.4 d) Location, orientation (if linear), and measured sizes (if available) of service induced indications**

The location, orientation, and measured size of axial ODSCC, circumferential ODSCC, and foreign object wear indications identified during the 1R25 outage are provided in Table 4-5, Table 4-6, Table 4-7, and Table 4-8. Due to the large number support wear indications, the required data is provided in Appendix C and Appendix D. Statistical summaries of throughwall depth, growth rates of support wear populations (i.e., diagonal bar, vertical strap, and eggcrate wear), and the number of tubes affected by support wear are provided in Table 4-9, Table 4-10, Table 4-11, and Table 4-12. In these tables, “New” refers to support wear indications that were newly reported during the 1R25 outage, and “Repeat” refers to support wear indications reported during previous outage inspection(s) and again measured during 1R25.

Axial outside diameter stress corrosion cracking (ODSCC) trends were evaluated over the last four inspections. The maximum detected depth was bounded by predictions of the previous Operational Assessment. The max depth and average depths continued to follow the same trend of the previous two inspections. This is not unexpected and addressed in the multi-cycle probabilistic model used in section 9.2 of [1]. The population is significantly less than that identified in 1R22. A comparison of 1R23, 1R24 and 1R25 eddy current results revealed no transients in signal amplitudes which would suggest a degradation of data quality, and innocuous indications which were not removed from service produced similar responses from outage to outage. In addition, measurements of signal noise in regions of interest within the SGs confirm that data quality has not deteriorated with time as discussed in detail in section 9.1 of [1].





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Table 4-5: 1R25 Axial ODSCC Indications

SG	Row	Col.	Location	+Point 300 kHz Amplitude (Vpp)	NDE Maximum Depth (%TW) (Note 1)	NDE Axial Length (in.)	Structural Length (in.)	Structural Depth (%TW) (Note 1)
A	37	50	TSH+0.42	.47	54.4	0.18	-	-
A	44	115	TSH+0.31	.52	56.1	0.24	0.2	48.6
A	44	115	TSH+0.44	.71	61.2	0.29	0.22	54.6
A	69	98	TSH+0.58	.39	51.3	0.24	-	-
A	74	97	TSH+0.67	.92	65.5	0.18	0.11	57.2
A	77	80	TSH+0.42	.69	60.8	0.24	0.18	48.2
A	77	80	TSH+0.56	.65	59.8	0.27	0.18	48.2
A	80	97	TSH+0.41	.64	59.5	0.21	0.16	52.1
A	81	90	TSH+0.53	.52	56.1	0.22	-	-
A	81	98	TSH+0.39	.61	58.7	0.23	0.18	51.8
A	83	92	TSH+0.32	.76	62.4	0.23	0.16	55
A	102	101	TSH-0.09	.68	60.5	0.14	-	-
B	43	114	TSH+0.49	.63	59.3	0.24	0.22	49.8
B	43	114	TSH+0.76	.39	51.3	0.33	0.29	48.8
B	78	91	TSH+0.82	.65	59.8	0.22	0.2	46.1
B (Note 2)	62	101	04H-14.56	.26	39.8	0.6	0.42	33.6
			04H-13.58	1.09	69.8	1.31	0.65	63.5
			04H-11.53	.39	48.3	1.16	0.42	44.4
			04H-10.36	.22	36.3	0.37	0.2	31.4
			04H-7.58	.19	33.3	0.42	0.22	27.1
			04H-5.73	.15	28.3	0.34	0.29	20.5
			04H-4.16	.22	36.3	0.98	0.55	28
			04H-2.62	.28	41.4	1.36	0.33	35

Notes:

1.

The NDE maximum depth values were calculated using the Appendix I regression techniques (%TW as function of NDE voltage) and then reduced by 11 %TW in accordance with References [1] and [2].

2.

The eight indications in SGB 62-101 were all reported as Freespan axial ODSCC; however, the flaw morphology is also characteristic of Freespan Axial IGA. Both Axial ODSCC and Axial IGA are detected and sized using the same ECT probes/techniques. Other indications were evaluated for characteristics of IGA. None was identified.





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**Table 4-6: 1R25 Axial PWSCC Indication**

SG	Row	Col.	Location	+Point 300 kHz Amplitude (Vpp)	NDE Axial Length (in.)	NDE Maximum Depth (%TW)	Structural Length (in.)	Structural Depth (%TW)
A	18	109	TSH-0.40	1.66	0.45	100	0.40	97.3

**Table 4-7: 1R25 Circumferential ODSCC Indications**

SG	Row	Col	Location	+Point 300 kHz Amplitude (Vpp)	NDE Percent Degraded Area (PDA) (Note 1)	Circumferential Length (in.)
A	100	105	TSH-0.02	0.50	1.6	0.22
A	106	101	TSH-0.07	0.60	6.1	0.47
A	111	100	TSH-0.02	0.97	9.7	0.36
<b>Notes</b> 1. The percent degraded area (PDA) of the circumferential indications was determined using the EPRI Draw Program based on measurements from EPRI ETSS H-21410.1.						

**Table 4-8: Historical Foreign Object Wear Indications (Volumetric) – No Object Present**

SG	Row	Col.	Location	Sizing ETSS	Maximum Depth (%TW)	Circumferential Extent (°)	Axial Extent (in.)
A	130	63	TSH + 1.45	21998.1	20	38	0.25
B	137	92	TSH + 10.71	21998.1	22	38	0.27
B	137	92	TSH + 11.87	21998.1	22	38	0.27

**Table 4-9: Diagonal Bar Wear Summary**

SG	Number of Indications		New and Repeat Depths			Growth Rate of Repeats		
			(%TW)			(%TW/EPFY)		
	New	Repeat	Average	Upper 95 <sup>th</sup>	Maximum	Average	Upper 95 <sup>th</sup>	Maximum
A	2	122	14.9	25.9	38.0	0.3	3.4	4.8
B	2	96	16.8	29.0	32.0	-0.3	2.9	5.5
Both SGs	4	218	15.8	29.0	38.0	0.0	3.4	5.5



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**Table 4-10: Vertical Strap Wear Summary**

SG	Number of Indications		New and Repeat Depths			Growth Rate of Repeats		
			(%TW)			(%TW/EFY)		
	New	Repeat	Average	Upper 95 <sup>th</sup>	Maximum	Average	Upper 95 <sup>th</sup>	Maximum
A	5	632	17.4	31.2	46.0	0.1	2.7	6.2
B	8	660	19.9	33.0	39.0	0.2	3.4	5.5
Both SGs	13	1292	18.7	32.0	46.0	0.1	2.7	6.2

**Table 4-11: Eggcrate Wear Summary**

SG	Number of Indications		New and Repeat Depths			Growth Rate of Repeats		
			(%TW)			(%TW/EFY)		
	New	Repeat	Average	Upper 95 <sup>th</sup>	Maximum	Average	Upper 95 <sup>th</sup>	Maximum
A	38	852	15.2	23.0	36.0	0.2	2.7	4.8
B	14	824	15.9	23.0	37.0	0.1	2.7	4.8
Both SGs	52	1676	15.5	23.0	37.0	0.2	2.7	4.8

**Table 4-12: Tubes Affected by Support Wear**

SG	Diagonal Bar Wear	Vertical Strap Wear	Eggcrate Wear
A	124	637	890
B	98	668	838



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**4.5 e) Number of tubes plugged during the inspection outage for each degradation mechanism**

Twenty-eight tubes were plugged during 1R25. Counts and degradation mechanisms are given in Table 4-13 below.

Note that Table 4-13 counts the number of tubes plugged per degradation mechanism. Tables 4-14 and 4-15 list every flaw that exceeded plugging criteria. Because some tubes contained more than one pluggable indication, the number of flaws on tables 4-14 and 4-15 is larger than the number of tubes plugged in table 4-13.

**Table 4-13: 1R25 Tube Plugging**

Location	SG A		SG B		Total	
	Tubes Plugged	Tubes Stabilized	Tubes Plugged	Tubes Stabilized	Tubes Plugged	Tubes Stabilized
OD Axial at Support	0	0	0	0	0	0
OD Axial at TSH Transition / Sludge Pile	10	0	2	0	12	0
OD Axial in Freespan / IGA (Note 1)	0	0	1	0	1	0
OD Circ in TSH Expansion Transition	3	3	0	0	3	3
ID Axial in TSH Expansion	1	0	0	0	1	0
Foreign Object Proximity (Note 2)	10	8	0	0	10	8
Foreign Object Wear	0	0	0	0	0	0
Wear at Supports	1	0	0	0	1	0
Total	25	11	3	0	28	11

**Notes:**

1. Tube 62-101 in SGB was plugged for indications that were identified as freespan Axial ODSCC but also had flaw morphology characteristics of Freespan Axial IGA. Other indications were evaluated for characteristics of IGA. None was identified.
2. Tubes 137-74, 53-152, 52-153, 54-153, 33-160, 34-159, 35-160, 34-161, 36-161, 35-162 in SGA were preventatively plugged per request of Entergy to bound a foreign object (FO) (Entergy Letter SG-2017-001, -002 and -003) All these tubes EXCEPT 33-160 and 34-159 were plugged and stabilized due to proximity to unretrieved foreign objects. Tubes 33-160 and 34-159 tubes were farther from the objects and plugged only and not stabilized as a preventative measure in case a FO migrated.



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**Table 4-14: 1R25 SG A Tubes Plugged**

Count	S/G	Row	Col	Hot Leg	Cold Leg	Reason for Tube Repair
1	A	37	50	Rolled Plug	Rolled Plug	SAI @ TSH+0.38
2	A	137	74	Rolled Plug + Stabilizer	Rolled Plug	PTP Foreign Object TSH
3	A	77	80	Rolled Plug	Rolled Plug	SAI @ TSH+0.49
						SAI @ TSH+0.36
4	A	81	90	Rolled Plug	Rolled Plug	SAI @ TSH+0.50
5	A	83	92	Rolled Plug	Rolled Plug	SAI @ TSH+0.30
6	A	134	95	Rolled Plug	Rolled Plug	TWD @ VS7+0.69
7	A	74	97	Rolled Plug	Rolled Plug	SAI @ TSH+0.60
8	A	80	97	Rolled Plug	Rolled Plug	SAI @ TSH+0.36
9	A	69	98	Rolled Plug	Rolled Plug	SAI @ TSH+0.58
10	A	81	98	Rolled Plug	Rolled Plug	SAI @ TSH+0.29
11	A	111	100	Rolled Plug + Stabilizer	Rolled Plug	SCI @ TSH-0.09
12	A	102	101	Rolled Plug	Rolled Plug	SAI @ TSH-0.16
13	A	106	101	Rolled Plug + Stabilizer	Rolled Plug	SCI @ TSH-0.02
14	A	100	105	Rolled Plug + Stabilizer	Rolled Plug	SCI @ TSH-0.00
15	A	18	109	Rolled Plug	Rolled Plug	SAI @ TSH-0.51
16	A	44	115	Rolled Plug	Rolled Plug	SAI @ TSH+0.29
						SAI @ TSH+0.42
17	A	53	152	Rolled Plug	Rolled Plug + Stabilizer	PTP Foreign Object TSC
18	A	52	153	Rolled Plug	Rolled Plug + Stabilizer	PTP Foreign Object TSC
19	A	54	153	Rolled Plug	Rolled Plug + Stabilizer	PTP Foreign Object TSC
20	A	33	160	Rolled Plug	Rolled Plug	PTP Foreign Object TSH
21	A	34	159	Rolled Plug	Rolled Plug	PTP Foreign Object TSH
22	A	35	160	Rolled Plug + Stabilizer	Rolled Plug	PTP Foreign Object TSH
23	A	34	161	Rolled Plug + Stabilizer	Rolled Plug	PTP Foreign Object TSH
24	A	36	161	Rolled Plug + Stabilizer	Rolled Plug	PTP Foreign Object TSH
25	A	35	162	Rolled Plug + Stabilizer	Rolled Plug	PTP Foreign Object TSH



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**Table 4-15: 1R25 SG B Tubes Plugged**

Count	S/G	Row	Col	Hot Leg	Cold Leg	Reason for Tube Repair
1	B	43	114	Rolled Plug	Rolled Plug	SAI @ TSH+0.47
						SAI @ TSH+0.76
2	B	62	101	Rolled Plug	Rolled Plug	SAI @ 04H-14.53
						SAI @ 04H-13.58
						SAI @ 04H-11.60
						SAI @ 04H-10.31
						SAI @ 04H-7.60
						SAI @ 04H-5.73
						SAI @ 04H-4.16
						SAI @ 04H-3.24
						SAI @ 04H-2.62
3	B	78	91	Rolled Plug	Rolled Plug	SAI @ TSH+0.76

**4.6 f) The number and percentage of tubes plugged to date**

The number of tubes plugged prior to 1R25, the number of tubes plugged in 1R25 and the current total of tubes plugged, along with the corresponding percentages is given below in Table 4-16.

**Table 4-16: Number and Percent of Tubes Plugged**

	SGA	SGB	Total
Total Tubes Installed	8219	8219	16438
Tubes Plugged Pre-Service	308	309	617
Tubes Plugged During Service through 1R24	242	142	384
Tubes Plugged in 1R25	25	3	28
Total Tubes Plugged to Date	575	454	1029
Effective Tubes Plugged to Date	575	454	1029
Effective Plugging Percentage	7.0	5.5	6.3

**4.7 g) The results of condition monitoring, including the results of tube pulls and in-situ testing**

Through a combination of eddy current inspection, analytical evaluation, in-situ pressure testing, and operational leakage monitoring, it has been determined that the three performance criteria (i.e., structural integrity, accident induced leakage integrity, and operational leakage integrity) were satisfied during the operating period prior to the 1R25 outage. With two exceptions, all tubes satisfied performance criteria analytically.



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1. In SG A, tube 62-101 failed to analytically satisfy performance criteria for structural integrity. That tube was subject to in-situ pressure testing on the most limiting flaw which demonstrated that the tube in fact satisfied the structural and accident-induced leakage performance criteria. Additionally, the flaws in this tube were all identified as Axial Freespan ODSCC but had flaw morphology characteristics of Freespan Axial Intergranular Attack (IGA). Both Axial ODSCC and Axial IGA are detected and sized using the same ECT probes/techniques and therefore the analytical CM results are unaffected. Test pressures, hold times, average pressurization rate and measured leakage (all leakage was zero) are given below in Table 4-17 per reference [5]. Other indications were evaluated for characteristics of IGA. None was identified.

**Table 4-17: Tube 62-101 In Situ Pressure Test Summary**

Tube/Defect/ Location	Pressure Hold Points (psi)	Hold Time (min)	Maximum Leak Rate (gpm)	Average Pressurization Rate (psi/sec)
62-101 03H - 04H	1600	2	0	12
	3000	2	0	23
	3550	2	0	18
	4000	2	0	19
	4600	2	0	30

2. In SGA, tube 18-109 had one indication of axial PWSCC that had a measured depth of up to 100%TW. The flaw was fully contained within the tubesheet expansion precluding the potential for tube rupture; therefore, the indication satisfied structural integrity performance criterion through the operating period preceding 1R25 and in-situ pressure testing was not required per EPRI Guidelines for flaws fully contained in the tubesheet.

No tube pulls were planned and none were performed.

The condition monitoring assessment concluded that the structural integrity criteria (TS 5.5.8b.1) and accident induced leakage performance criteria (TS 5.5.8b.2) were satisfied during the operating interval preceding 1R25. Operational leakage monitoring during cycle 25 indicated stable, low level primary to secondary leakage. The indicated leakage was just above detectability with a maximum of 0.547 GPD during the cycle based on Xe-135 activity [4]. Consequently, the plant specific operational leakage performance criterion (150 GPD, TS 5.5.8b.3, LCO 3.4.13d) was also satisfied throughout the cycle.

#### 4.8 h) The effective plugging percentage for all plugging in each SG

Since no sleeving has been performed in the Palisades steam generators, the effective plugging percentage is the same as the actual plugging percentage (see Section 4.6).



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**4.9 i) The results of monitoring for tube axial displacement (slippage)**

Potential tube axial displacement in the tubesheet (slippage or “pullout”) was monitored. Algorithms were implemented in the ECT data analysis software to detect this condition. None was identified.



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## 5.0 REFERENCES

1. AREVA Document 51-9273700-000 "Palisades Steam Generator Condition Monitoring for 1R25 and Final Operational Assessment for Cycle 26"
2. \*Entergy, "Notification of Deviation from EPRI SGMP: PWR SG Examination Guidelines: Revision 7," PNP 2012-021, April 5, 2012
3. \*Palisades Technical Specification (Administrative Controls), 5.5.8, "Steam Generator (SG) Program" (Includes Amendment No 225 and 261 to Renewed Facility Operating License No. DPR-20)
4. AREVA Document 51-9267304-000, "Steam Generator Degradation Assessment for Palisades 1R25 Inspection, Spring 2017"
5. AREVA Document 51-9271424-000 "Palisades In-Situ Pressure Test Summary Report (May 2017)"
6. AREVA Document 38-9276079-000 "Palisades Updated EFPY August 2017"

References identified with an (\*) are maintained within the Palisades Records System and are not retrievable from AREVA Records Management. These are acceptable references per AREVA Administrative Procedure 0402-01, Attachment 8. See page [2] for Project Manager Approval of customer references.





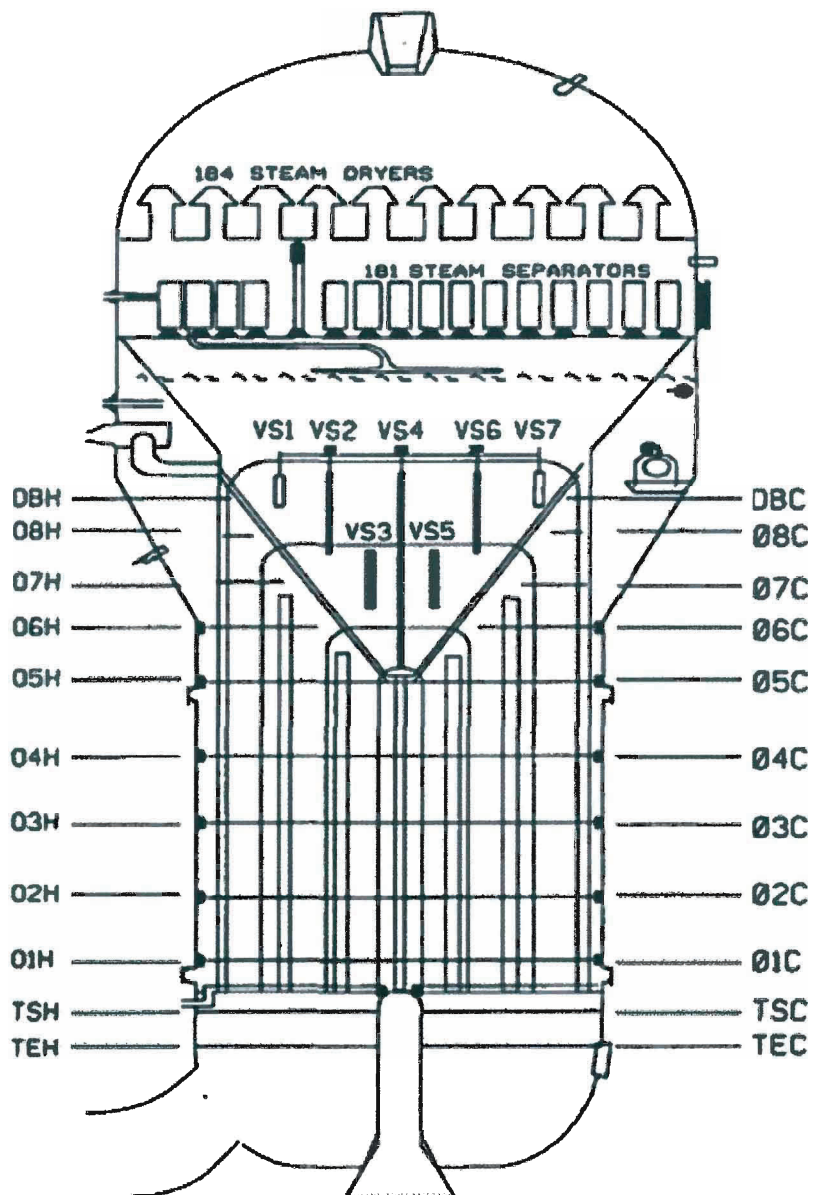
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**APPENDIX A: ACRONYMS AND ABBREVIATIONS**

Acronym	Definition
0"x"H or 0"x"C	Hot (H) or Cold (C) Leg Support Plate #x
AVB	Anti-Vibration Bar
BED	Burst Equivalent Depth
BEL	Burst Equivalent Length
CMOA	Condition Monitoring and Operational Assessment
DDI	Dent or Ding with Indication
DSI	Distorted Support Indication
ETSS	Examination Technique Specification Sheet
FDMS	AREVA Data Management System
IGA	Intergranular Attack
LP	Loose Part
MRPC	Motorized Rotating Pancake Coil (+Pt.™)
MBM	Manufacturing Burnish Mark
NDD	No Degradation Detected
NDE	Non Destructive Examination
NQI	Non-Quantifiable Indication
NTE	No Tube Expansion
ODSCC	Outside Diameter Stress Corrosion Cracking
PDA	Percent Degraded Area
PLG	Tube Is Plugged
PLP	Possible Loose Part
PTE	Partial Tube Expansion
PTP	Preventative Tube Plug
PVN	Permeability Variation
PWR	Pressurized Water Reactor
PWSCC	Primary Water Stress Corrosion Cracking
SAI	Single Axial Indication
SCI	Single Circumferential Indication
SGA	Steam Generator E-50A
SGB	Steam Generator E-50B
SVI	Single Volumetric Indication
TBP	To Be Plugged
TSP	Tube Support Plate
TTS	Top of Tubesheet
TSC	Tubesheet Cold (Leg)
TSH	Tubesheet Hot (Leg)
TWD	Through Wall Degradation
%TW	Percent throughwall
<TS	Less Than Technical Specification Plugging Limit
VS"x"	Vertical Strap #x
WAR	Wear Indication

## APPENDIX B: STEAM GENERATOR LAYOUT AND NOMENCLATURE

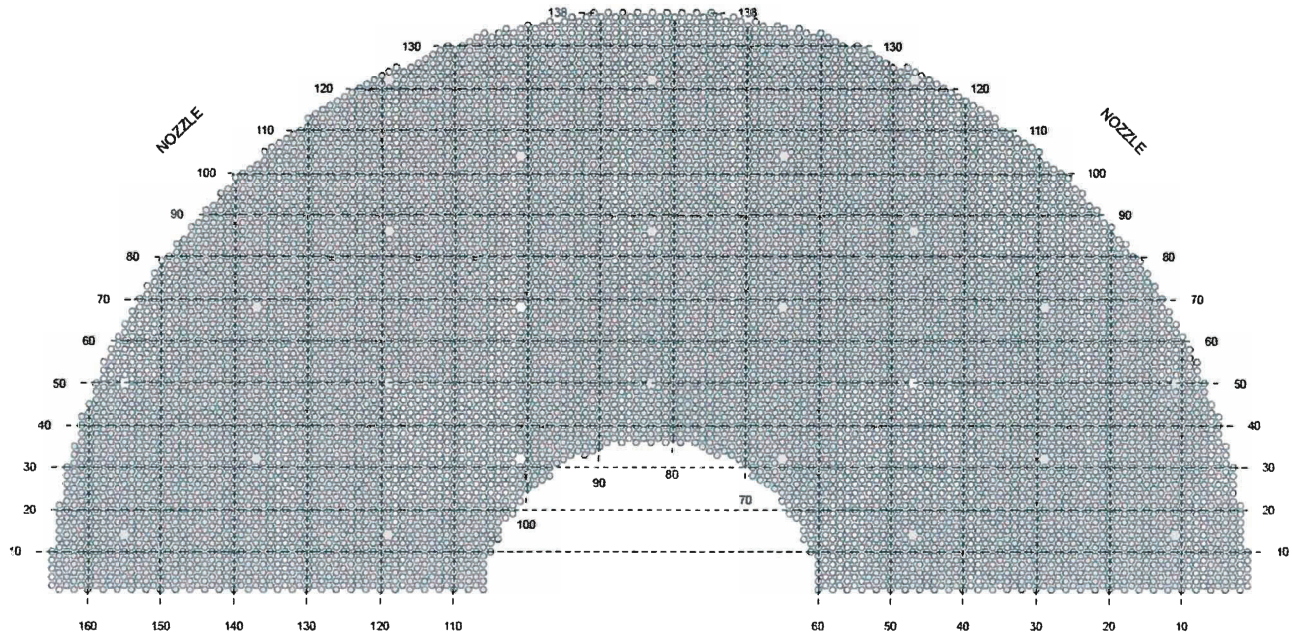
Figure B-1: General Layout of Palisades SG Tube Support Structures





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**Figure B-2: Palisades SG Tubesheet Map**



**Table B-1: Palisades SG Tube Support Structure Nomenclature**

Name	Description	Name	Description
TEH	Tube End - Hot Side	VS4	Fourth Vertical Strap
TSH	Top of Tubesheet - Hot Side	VS5	Fifth Vertical Strap
01H	First Eggcrate - Hot Side	VS6	Sixth Vertical Strap
02H	Second Eggcrate - Hot Side	VS7	Seventh Vertical Strap
03H	Third Eggcrate - Hot Side	DBC	Diagonal Strap - Cold Side
04H	Fourth Eggcrate - Hot Side	08C	Eighth Eggcrate - Cold Side
05H	Fifth Eggcrate - Hot Side	07C	Seventh Eggcrate - Cold Side
06H	Sixth Eggcrate - Hot Side	06C	Sixth Eggcrate - Cold Side
07H	Seventh Eggcrate - Hot Side	05C	Fifth Eggcrate - Cold Side
08H	Eighth Eggcrate - Hot Side	04C	Fourth Eggcrate - Cold Side
DBH	Diagonal Strap - Hot Side	03C	Third Eggcrate - Cold Side
VS1	First Vertical Strap	02C	Second Eggcrate - Cold Side
VS2	Second Vertical Strap	01C	First Eggcrate - Cold Side
VS3	Third Vertical Strap	TSC	Top of Tubesheet - Cold Side
		TEC	Tube End - Cold Side



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**APPENDIX C: SUPPORT WEAR LISTING – SGA**

Count	SG	Row	Col	Elev	Offset	Depth
1	A	134	95	VS7	0.69	46
2	A	75	44	VS3	-0.8	39
3	A	93	130	VS4	0.95	39
4	A	135	78	VS6	0.64	39
5	A	48	19	VS4	-1.19	38
6	A	93	104	VS4	-0.42	38
7	A	106	59	VS4	1.05	38
8	A	110	131	DBH	-1.84	38
9	A	115	90	VS4	-0.71	38
10	A	135	100	VS7	-0.4	37
11	A	137	92	VS6	-0.82	37
12	A	138	81	VS6	-0.86	37
13	A	46	65	VS4	0.93	36
14	A	48	41	VS4	-1.04	36
15	A	95	30	VS4	-0.78	36
16	A	117	42	01C	-1.03	36
17	A	48	43	VS4	-1.02	35
18	A	48	69	VS4	0.93	35
19	A	118	43	01C	-0.97	35
20	A	42	41	VS4	-1	34
21	A	68	139	VS5	0.86	34
22	A	96	25	VS4	0.74	34
23	A	106	31	VS6	-0.88	34
24	A	107	32	VS4	-0.62	34
25	A	126	69	VS4	0.87	34
26	A	77	16	VS4	-0.8	33
27	A	100	137	03C	-0.49	33
28	A	112	59	VS6	1.1	33
29	A	134	91	DBC	1.91	33
30	A	43	46	VS4	-0.69	32
31	A	50	157	VS3	-0.9	32
32	A	88	145	02C	0.04	32
33	A	97	50	VS2	-0.86	32
34	A	97	52	VS4	-0.6	32
35	A	128	71	VS1	0.86	32
36	A	132	95	VS7	0.85	32
37	A	134	95	VS2	0	32

Count	SG	Row	Col	Elev	Offset	Depth
38	A	134	95	VS6	0.89	32
39	A	136	79	07C	-0.27	32
40	A	138	81	DBH	2.05	32
41	A	109	34	VS4	0.64	31
42	A	137	92	05C	0	31
43	A	138	75	DBH	1.97	31
44	A	138	81	VS6	0.94	31
45	A	40	147	VS4	-0.84	30
46	A	43	126	VS4	1	30
47	A	44	21	VS4	-0.84	30
48	A	47	122	VS4	0.99	30
49	A	48	19	VS4	0.64	30
50	A	48	97	VS4	0.83	30
51	A	69	22	VS4	0.94	30
52	A	76	15	DBC	-1.63	30
53	A	81	84	VS4	0.93	30
54	A	95	30	VS4	0.95	30
55	A	116	39	02C	-0.93	30
56	A	126	103	VS4	-0.95	30
57	A	127	112	03C	-0.86	30
58	A	129	58	02H	0.97	30
59	A	135	94	DBC	-1.89	30
60	A	135	94	VS7	-0.54	30
61	A	137	80	VS7	0.78	30
62	A	46	53	VS4	-0.89	29
63	A	49	20	VS4	-0.82	29
64	A	68	139	VS3	-0.75	29
65	A	84	61	03C	0.82	29
66	A	89	108	06H	0.97	29
67	A	91	22	VS4	0.44	29
68	A	93	104	VS6	1.06	29
69	A	94	77	VS2	1.09	29
70	A	97	120	VS2	1.06	29
71	A	100	67	VS6	-0.72	29
72	A	106	31	VS6	0.89	29
73	A	108	33	VS4	-0.88	29
74	A	109	98	VS2	-0.85	29





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Count	SG	Row	Col	Elev	Offset	Depth
75	A	110	123	08H	-0.91	29
76	A	132	93	VS2	0.58	29
77	A	137	92	VS6	-0.15	29
78	A	42	41	VS4	0.88	28
79	A	44	21	VS4	0.71	28
80	A	44	49	VS4	-0.79	28
81	A	44	49	VS4	-0.02	28
82	A	51	20	VS3	-0.78	28
83	A	97	52	VS6	0.81	28
84	A	113	130	VS4	-0.43	28
85	A	118	41	02C	0	28
86	A	121	118	VS4	-0.71	28
87	A	134	69	VS7	0.83	28
88	A	134	95	VS4	-0.83	28
89	A	135	72	VS1	-0.78	28
90	A	137	76	VS4	-0.65	28
91	A	38	51	04C	0.82	27
92	A	41	52	VS4	-0.73	27
93	A	48	21	VS4	-0.84	27
94	A	64	11	VS4	-0.93	27
95	A	67	14	05H	0.86	27
96	A	69	22	VS4	-1.02	27
97	A	69	22	VS5	0.91	27
98	A	85	146	03C	-1.05	27
99	A	108	33	VS4	1.01	27
100	A	121	118	03C	0.82	27
101	A	129	54	02C	-1	27
102	A	134	91	VS7	-0.8	27
103	A	136	91	08C	0.71	27
104	A	137	92	08C	0.72	27
105	A	138	85	VS7	0.99	27
106	A	38	35	04H	0.89	26
107	A	47	122	VS4	0.12	26
108	A	47	126	VS4	-0.81	26
109	A	54	83	DBH	0.06	26
110	A	67	114	02C	0.84	26
111	A	69	152	VS3	-0.82	26
112	A	75	16	VS5	-1.03	26
113	A	77	148	03C	0.75	26
114	A	79	128	04C	0.8	26

Count	SG	Row	Col	Elev	Offset	Depth
115	A	85	20	VS4	-0.85	26
116	A	95	24	VS4	-1.18	26
117	A	99	140	VS4	-0.72	26
118	A	105	30	VS4	-0.48	26
119	A	106	59	VS4	-0.96	26
120	A	122	81	VS4	0.93	26
121	A	135	78	08C	-1.11	26
122	A	41	60	05H	0.99	25
123	A	65	138	04C	-0.11	25
124	A	69	152	VS3	1.1	25
125	A	95	124	VS2	1.03	25
126	A	97	116	05C	0.36	25
127	A	100	119	VS2	0.22	25
128	A	102	121	VS4	-0.82	25
129	A	103	122	DBC	1.6	25
130	A	104	135	03C	0.73	25
131	A	107	134	02C	-0.97	25
132	A	108	35	01C	0.02	25
133	A	113	130	VS4	-0.77	25
134	A	114	129	VS4	-0.96	25
135	A	115	92	VS1	0.96	25
136	A	117	40	02C	0.82	25
137	A	137	76	VS4	0	25
138	A	28	31	VS4	-0.96	24
139	A	46	53	VS4	1.03	24
140	A	47	126	VS4	-0.02	24
141	A	49	20	VS4	1.09	24
142	A	67	24	06H	0.87	24
143	A	77	44	VS5	0.9	24
144	A	95	134	04C	-0.98	24
145	A	95	136	VS2	0.98	24
146	A	97	106	VS4	-0.82	24
147	A	98	65	VS2	-0.58	24
148	A	106	133	DBC	1.43	24
149	A	116	105	VS4	-0.92	24
150	A	116	121	04C	0.82	24
151	A	119	52	06C	0.78	24
152	A	130	99	03C	-0.13	24
153	A	133	94	VS6	-0.88	24
154	A	135	94	VS6	0.94	24



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Count	SG	Row	Col	Elev	Offset	Depth
155	A	137	74	VS1	0.15	24
156	A	138	83	DBH	2.09	24
157	A	14	3	O2C	0.81	23
158	A	19	64	DBC	-1.69	23
159	A	38	35	O3H	0.94	23
160	A	45	124	VS4	0.79	23
161	A	46	55	VS4	0.98	23
162	A	48	7	O1C	0.79	23
163	A	65	152	VS3	1.19	23
164	A	69	86	O6C	0.76	23
165	A	75	44	VS3	1.06	23
166	A	81	46	VS5	0.84	23
167	A	84	53	VS2	-0.74	23
168	A	88	61	O2C	0.87	23
169	A	88	145	O4C	-0.93	23
170	A	90	143	O2C	-0.95	23
171	A	91	116	VS2	-0.66	23
172	A	92	23	VS6	0.88	23
173	A	97	50	VS4	-0.71	23
174	A	97	52	VS2	0.82	23
175	A	98	105	O4C	0.63	23
176	A	100	27	VS4	-0.8	23
177	A	100	119	VS2	-0.64	23
178	A	106	57	O7H	1.02	23
179	A	106	135	VS4	-0.52	23
180	A	111	130	O4C	-0.24	23
181	A	112	59	VS4	0.02	23
182	A	117	40	VS4	-0.69	23
183	A	118	105	O4C	0.76	23
184	A	118	125	VS7	-0.93	23
185	A	125	48	VS4	-0.68	23
186	A	130	95	VS4	-0.95	23
187	A	134	65	O7H	-0.04	23
188	A	136	91	O8C	-1.05	23
189	A	28	19	VS4	-1.05	22
190	A	32	7	O2C	-0.99	22
191	A	37	62	O4H	0.95	22
192	A	40	147	VS4	-0.16	22
193	A	42	43	O4H	0.84	22
194	A	46	125	VS4	0.05	22

Count	SG	Row	Col	Elev	Offset	Depth
195	A	49	74	VS4	-0.82	22
196	A	52	117	O2C	0.8	22
197	A	53	122	O2C	-0.22	22
198	A	63	82	O3H	0.93	22
199	A	65	12	O6H	0.92	22
200	A	70	53	O3C	0.09	22
201	A	70	153	VS3	-0.98	22
202	A	76	55	O3C	0.85	22
203	A	76	101	O2H	-0.73	22
204	A	79	144	VS5	1.01	22
205	A	80	77	O4H	0.94	22
206	A	81	148	O5C	-0.02	22
207	A	84	141	O4C	0.75	22
208	A	84	147	VS3	1.19	22
209	A	85	20	VS4	0.81	22
210	A	87	102	O5H	0.92	22
211	A	87	144	O3C	-0.84	22
212	A	90	105	O5C	0.8	22
213	A	90	143	O2C	0.04	22
214	A	94	31	VS4	-0.89	22
215	A	97	50	VS6	0.74	22
216	A	98	105	O5C	-0.96	22
217	A	100	103	O2C	0.76	22
218	A	104	87	O4C	-0.96	22
219	A	104	95	VS2	-0.51	22
220	A	106	59	VS6	-0.71	22
221	A	111	128	O3C	-0.98	22
222	A	125	112	O3C	0	22
223	A	131	94	O8H	0.99	22
224	A	133	92	VS6	0.84	22
225	A	137	74	VS1	0.92	22
226	A	137	78	VS4	1.06	22
227	A	19	64	DBH	-1.49	21
228	A	31	128	VS4	1.03	21
229	A	44	21	VS4	-0.2	21
230	A	44	49	O5C	-0.98	21
231	A	47	124	VS4	0.15	21
232	A	47	124	VS4	0.95	21
233	A	49	112	VS4	-0.02	21
234	A	54	81	DBH	1.76	21



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Count	SG	Row	Col	Elev	Offset	Depth
235	A	55	140	06C	-0.11	21
236	A	56	81	DBH	1.81	21
237	A	58	127	04C	0.76	21
238	A	62	33	03H	0.99	21
239	A	66	31	04H	0.9	21
240	A	70	55	03C	-0.9	21
241	A	71	126	05C	0.82	21
242	A	73	44	06C	-1.03	21
243	A	75	50	VS3	-0.81	21
244	A	79	82	03H	0.95	21
245	A	79	90	04C	-0.25	21
246	A	84	19	VS4	-0.97	21
247	A	87	40	07C	0.8	21
248	A	87	146	VS4	0.54	21
249	A	88	21	VS4	-0.81	21
250	A	88	53	07C	0.81	21
251	A	88	145	VS4	0.83	21
252	A	93	60	VS2	1.09	21
253	A	95	136	VS2	-0.81	21
254	A	97	50	VS4	1.04	21
255	A	97	118	VS4	0.63	21
256	A	97	134	VS4	0.9	21
257	A	98	87	06C	0.92	21
258	A	102	29	VS4	-0.86	21
259	A	102	117	03H	0.89	21
260	A	107	134	VS4	-0.94	21
261	A	108	63	VS2	0.83	21
262	A	113	128	04H	-0.85	21
263	A	121	44	VS4	0.24	21
264	A	125	110	03C	0.8	21
265	A	125	112	07H	-0.2	21
266	A	126	115	02C	-1	21
267	A	128	53	02H	-0.89	21
268	A	130	57	08H	0.88	21
269	A	131	96	06C	0.91	21
270	A	132	91	DBC	-1.96	21
271	A	135	90	08C	0.72	21
272	A	137	78	VS4	-0.58	21
273	A	137	80	VS6	-0.95	21
274	A	137	92	07C	-0.8	21

Count	SG	Row	Col	Elev	Offset	Depth
275	A	138	81	VS4	1.06	21
276	A	1	150	02C	0.77	20
277	A	37	34	DBC	1.5	20
278	A	37	56	04H	0.98	20
279	A	37	128	VS4	1	20
280	A	39	126	03C	0.82	20
281	A	42	7	02C	0.74	20
282	A	44	123	VS4	0.02	20
283	A	45	108	03C	0.78	20
284	A	50	157	VS3	0.87	20
285	A	51	118	02C	-0.95	20
286	A	63	122	03C	0.69	20
287	A	66	109	02C	0.8	20
288	A	67	136	VS3	0.78	20
289	A	68	21	VS4	0.96	20
290	A	68	81	03H	0.9	20
291	A	68	141	DBH	1.81	20
292	A	72	127	04C	0.78	20
293	A	74	15	VS4	0.77	20
294	A	75	120	03C	0.87	20
295	A	79	150	VS4	1	20
296	A	80	147	07H	0.74	20
297	A	81	84	07C	-0.13	20
298	A	81	130	VS3	0	20
299	A	81	148	02C	0.82	20
300	A	82	141	VS3	-0.88	20
301	A	83	100	04H	0.92	20
302	A	84	33	VS2	-0.72	20
303	A	84	85	04H	0.94	20
304	A	85	92	02C	0.82	20
305	A	90	93	03C	0.69	20
306	A	92	125	03H	0.58	20
307	A	93	130	VS2	-0.63	20
308	A	93	130	VS4	-0.84	20
309	A	94	101	04C	-1.06	20
310	A	95	48	06C	0.85	20
311	A	95	132	VS2	0.87	20
312	A	96	63	04C	0.76	20
313	A	96	131	04C	-1	20
314	A	97	90	VS6	-0.75	20



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Count	SG	Row	Col	Elev	Offset	Depth
315	A	97	116	VS4	-0.86	20
316	A	97	126	VS4	0	20
317	A	98	27	VS2	0.73	20
318	A	98	127	07H	0.77	20
319	A	99	26	VS4	-0.37	20
320	A	100	29	VS2	0.93	20
321	A	101	138	VS4	0.6	20
322	A	104	123	04C	0.82	20
323	A	105	132	03C	0.85	20
324	A	106	33	VS4	-0.64	20
325	A	106	35	03C	0.67	20
326	A	112	41	VS4	-0.94	20
327	A	118	63	VS4	-0.92	20
328	A	120	119	03C	0.8	20
329	A	120	121	05C	0.82	20
330	A	126	51	03H	0.95	20
331	A	126	115	04C	0.89	20
332	A	128	71	VS1	-0.95	20
333	A	130	73	VS7	0.84	20
334	A	132	67	VS2	-1.05	20
335	A	133	92	VS7	0	20
336	A	134	95	VS4	0.93	20
337	A	135	86	VS4	1.12	20
338	A	135	100	02C	0.73	20
339	A	2	127	05C	0.81	19
340	A	13	2	02H	1.08	19
341	A	13	34	03C	-0.95	19
342	A	24	161	02C	0.83	19
343	A	24	163	02C	0.85	19
344	A	28	63	VS4	-1.06	19
345	A	31	126	VS4	-0.63	19
346	A	34	109	04H	0.93	19
347	A	38	127	03H	0.91	19
348	A	44	123	VS4	-0.66	19
349	A	49	66	VS4	1.06	19
350	A	50	21	DBH	1.63	19
351	A	60	119	02C	0.86	19
352	A	60	121	02C	0.8	19
353	A	62	49	05H	1.03	19
354	A	63	118	03C	0.85	19

Count	SG	Row	Col	Elev	Offset	Depth
355	A	63	124	04C	0.82	19
356	A	65	90	02C	0.78	19
357	A	66	113	03H	1	19
358	A	68	21	VS4	-0.87	19
359	A	69	22	VS4	-0.09	19
360	A	70	115	DBH	1.76	19
361	A	72	143	DBC	1.42	19
362	A	75	68	02C	0.82	19
363	A	75	150	02C	0.8	19
364	A	77	92	02C	-0.95	19
365	A	78	17	DBH	-1.55	19
366	A	83	90	07H	0.93	19
367	A	84	37	VS2	-0.83	19
368	A	85	26	03H	0.88	19
369	A	86	145	04C	0.78	19
370	A	87	20	VS4	0.56	19
371	A	88	57	07C	0.84	19
372	A	88	61	03C	0.8	19
373	A	90	95	04C	0.78	19
374	A	90	135	04C	0.77	19
375	A	91	90	03C	0.78	19
376	A	92	89	04C	0.72	19
377	A	94	67	VS6	-0.89	19
378	A	95	140	04C	0.67	19
379	A	97	62	06C	0.77	19
380	A	98	109	05C	0.71	19
381	A	101	28	VS4	0.65	19
382	A	102	89	04C	0.76	19
383	A	102	135	03C	-0.22	19
384	A	103	32	VS4	-0.97	19
385	A	104	97	04C	-0.91	19
386	A	104	109	VS6	-0.52	19
387	A	109	114	06C	0.75	19
388	A	111	62	VS2	-0.79	19
389	A	112	37	02C	-0.97	19
390	A	112	59	VS4	-0.83	19
391	A	116	51	07H	0.87	19
392	A	116	119	03C	0.71	19
393	A	116	123	06C	0.29	19
394	A	118	41	VS4	-0.84	19





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Count	SG	Row	Col	Elev	Offset	Depth
395	A	119	110	04C	-0.96	19
396	A	121	118	VS4	0.83	19
397	A	127	72	VS6	-0.18	19
398	A	129	56	02H	0.94	19
399	A	130	71	VS4	-0.93	19
400	A	132	99	DBC	1.7	19
401	A	134	69	VS7	0.22	19
402	A	134	71	VS1	0.75	19
403	A	134	91	VS6	-0.63	19
404	A	135	76	DBC	1.9	19
405	A	135	100	DBC	1.81	19
406	A	135	100	VS6	-0.86	19
407	A	136	91	07C	-1.2	19
408	A	138	81	08C	-1.14	19
409	A	138	81	VS7	0.18	19
410	A	9	2	02C	0.07	18
411	A	12	3	02C	0.72	18
412	A	26	3	02C	-0.99	18
413	A	31	128	VS4	-0.74	18
414	A	32	59	DBH	0.12	18
415	A	38	17	05H	0	18
416	A	42	117	02C	0.8	18
417	A	44	49	04H	0.9	18
418	A	48	29	03C	0.78	18
419	A	48	43	VS4	0.83	18
420	A	49	10	VS4	1.04	18
421	A	49	66	VS4	0.31	18
422	A	49	70	VS4	1.11	18
423	A	51	16	VS4	-0.74	18
424	A	51	126	02C	0.07	18
425	A	52	111	02C	0.86	18
426	A	52	149	VS3	1.17	18
427	A	53	92	03C	0.89	18
428	A	54	29	02C	0.71	18
429	A	60	29	04H	0.95	18
430	A	63	104	03C	0.69	18
431	A	67	118	03C	0.85	18
432	A	68	139	VS5	-0.83	18
433	A	69	134	06C	-0.85	18
434	A	70	137	06H	1.01	18

Count	SG	Row	Col	Elev	Offset	Depth
435	A	73	66	04C	0.74	18
436	A	75	50	VS3	1.03	18
437	A	76	91	02C	0.78	18
438	A	78	113	02C	0.77	18
439	A	80	107	DBH	1.79	18
440	A	81	46	VS3	0.88	18
441	A	83	102	05C	-0.22	18
442	A	83	148	03C	-0.91	18
443	A	84	19	VS4	0.96	18
444	A	84	39	VS3	-0.92	18
445	A	84	99	VS2	-0.83	18
446	A	85	104	03C	0.85	18
447	A	85	146	02C	0.71	18
448	A	87	82	05H	0.96	18
449	A	87	92	04C	0.78	18
450	A	87	146	VS4	-0.99	18
451	A	88	59	05C	0.72	18
452	A	89	70	06C	0.83	18
453	A	91	70	VS6	0.86	18
454	A	92	23	VS2	0.6	18
455	A	92	101	VS2	0.82	18
456	A	92	133	04C	0.82	18
457	A	92	133	07H	0.92	18
458	A	93	60	VS2	-0.62	18
459	A	94	95	07C	-0.89	18
460	A	95	124	VS2	-0.79	18
461	A	95	126	VS2	1.01	18
462	A	96	59	04C	-0.94	18
463	A	96	87	05C	0.81	18
464	A	96	111	04C	0.73	18
465	A	97	50	VS2	0.87	18
466	A	97	96	04C	-0.91	18
467	A	98	27	VS6	0.96	18
468	A	98	85	06C	0.74	18
469	A	99	138	02C	-0.91	18
470	A	100	103	05C	-0.9	18
471	A	100	107	VS4	-0.8	18
472	A	100	113	DBH	1.82	18
473	A	100	137	05C	-0.88	18
474	A	102	105	05C	0.78	18



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Count	SG	Row	Col	Elev	Offset	Depth
475	A	102	135	04C	0.67	18
476	A	106	31	04C	0.69	18
477	A	106	35	03C	-0.09	18
478	A	106	121	04C	0.76	18
479	A	106	121	05C	0.4	18
480	A	108	35	01C	0.75	18
481	A	108	41	VS4	0.94	18
482	A	108	123	VS2	-0.73	18
483	A	109	120	03C	-0.2	18
484	A	109	132	04C	0.73	18
485	A	110	39	VS2	0.97	18
486	A	111	44	06C	-0.2	18
487	A	111	110	VS4	-0.92	18
488	A	112	103	04H	0.88	18
489	A	112	127	05C	-1.09	18
490	A	114	123	03C	-1.03	18
491	A	121	118	VS4	0	18
492	A	122	111	05C	-0.89	18
493	A	127	80	06C	0.78	18
494	A	128	111	05C	0.69	18
495	A	134	99	04C	-0.82	18
496	A	135	72	VS1	0.95	18
497	A	135	86	DBC	-1.7	18
498	A	136	69	VS7	-0.88	18
499	A	136	91	06C	-1	18
500	A	137	92	04C	0.69	18
501	A	138	81	VS7	0.89	18
502	A	32	145	VS4	-1.09	17
503	A	37	38	03C	0.86	17
504	A	38	35	05H	0.9	17
505	A	39	120	04H	0.92	17
506	A	43	46	VS4	1.2	17
507	A	44	15	DBH	-1.34	17
508	A	45	12	DBH	1.78	17
509	A	45	122	03C	-0.91	17
510	A	48	41	VS4	0.97	17
511	A	49	36	03C	0.71	17
512	A	51	108	03C	-0.94	17
513	A	54	83	03H	0.92	17
514	A	54	119	02C	0.76	17

Count	SG	Row	Col	Elev	Offset	Depth
515	A	60	25	04H	0.82	17
516	A	63	52	06C	0.82	17
517	A	63	126	04C	0.84	17
518	A	65	40	03H	0.99	17
519	A	65	126	06C	-1.1	17
520	A	66	35	04H	0.9	17
521	A	66	89	04C	-0.94	17
522	A	66	109	04C	0.78	17
523	A	67	154	01C	-0.57	17
524	A	67	154	02C	0.71	17
525	A	69	30	DBC	1.33	17
526	A	71	78	06C	-0.96	17
527	A	76	111	04C	0.75	17
528	A	77	18	05H	-0.82	17
529	A	77	24	06H	0.75	17
530	A	77	62	03C	0.87	17
531	A	77	124	03C	-0.83	17
532	A	77	148	07H	-1.02	17
533	A	80	149	VS4	-0.78	17
534	A	81	102	07C	-0.96	17
535	A	82	33	VS3	1.01	17
536	A	82	89	05C	0.78	17
537	A	82	135	VS3	-0.95	17
538	A	83	76	02H	0.94	17
539	A	84	19	VS5	0.99	17
540	A	84	73	05C	0.83	17
541	A	86	35	VS6	-0.64	17
542	A	86	97	03H	0.94	17
543	A	86	143	03C	-0.91	17
544	A	87	40	07H	-0.93	17
545	A	87	116	04C	0.8	17
546	A	89	26	VS6	0.92	17
547	A	89	78	07H	0.98	17
548	A	90	87	03H	0.89	17
549	A	90	115	VS2	-0.74	17
550	A	91	66	05C	0.79	17
551	A	91	114	VS2	-0.81	17
552	A	92	101	VS2	-0.78	17
553	A	93	60	VS6	-0.93	17
554	A	93	76	VS4	0.83	17



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Count	SG	Row	Col	Elev	Offset	Depth
555	A	93	106	VS2	-0.63	17
556	A	93	136	03C	-0.95	17
557	A	95	72	07C	0.78	17
558	A	95	84	05C	0.73	17
559	A	96	41	VS6	1.09	17
560	A	96	111	05C	0.73	17
561	A	96	121	VS6	1.19	17
562	A	97	26	VS4	0.51	17
563	A	97	48	VS4	0.98	17
564	A	97	64	06C	-0.92	17
565	A	97	90	05C	0.76	17
566	A	97	106	VS4	0.91	17
567	A	98	55	05H	1.09	17
568	A	98	59	05C	-0.95	17
569	A	98	75	06C	0.8	17
570	A	98	113	VS2	0.82	17
571	A	99	26	VS4	-0.71	17
572	A	99	140	03C	-0.22	17
573	A	100	29	06H	0.89	17
574	A	100	29	VS4	0.95	17
575	A	100	139	VS4	-0.8	17
576	A	101	28	VS4	-0.84	17
577	A	101	70	05H	0.91	17
578	A	102	113	05C	0.71	17
579	A	103	30	VS4	0.54	17
580	A	103	82	05H	-0.02	17
581	A	104	31	VS4	0.95	17
582	A	106	67	VS6	0.33	17
583	A	106	101	04H	0.86	17
584	A	108	115	05H	0.96	17
585	A	110	131	03C	0.82	17
586	A	111	126	04C	0.84	17
587	A	112	125	04C	0.8	17
588	A	113	36	VS4	-0.39	17
589	A	113	118	04C	0.07	17
590	A	115	46	VS4	-0.93	17
591	A	116	45	02H	0.88	17
592	A	116	111	05C	-0.13	17
593	A	120	115	05C	-1.03	17
594	A	121	44	01C	-1.09	17

Count	SG	Row	Col	Elev	Offset	Depth
595	A	121	116	03C	0.78	17
596	A	127	114	VS4	-0.18	17
597	A	128	85	DBH	1.74	17
598	A	128	113	05C	-0.95	17
599	A	130	107	02C	0.93	17
600	A	132	97	VS7	-0.79	17
601	A	133	64	05H	-0.07	17
602	A	133	94	VS2	0.78	17
603	A	135	72	VS7	0.83	17
604	A	136	85	08H	-1.04	17
605	A	137	88	VS6	-0.11	17
606	A	137	90	05H	-0.81	17
607	A	137	92	02C	0.79	17
608	A	137	92	08C	-0.6	17
609	A	1	136	02H	-1	16
610	A	9	32	DBC	1.4	16
611	A	11	146	03C	0.84	16
612	A	22	159	02H	1.03	16
613	A	32	37	03H	0.94	16
614	A	33	46	02H	0.83	16
615	A	35	114	DBC	1.61	16
616	A	37	62	05H	-0.76	16
617	A	37	106	03C	-0.84	16
618	A	39	112	02C	0.78	16
619	A	40	59	05H	1.03	16
620	A	41	34	03H	-0.78	16
621	A	44	123	06H	-0.07	16
622	A	45	30	04H	-0.87	16
623	A	46	69	VS4	-0.45	16
624	A	47	8	01H	-0.85	16
625	A	47	70	04H	1.05	16
626	A	47	112	02C	0.8	16
627	A	48	125	02C	0.75	16
628	A	49	92	03C	-0.97	16
629	A	50	91	VS4	0.83	16
630	A	50	123	04C	0.02	16
631	A	51	126	03C	-0.87	16
632	A	52	31	03C	0.88	16
633	A	56	115	02C	0.75	16
634	A	56	137	03C	0.11	16



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Count	SG	Row	Col	Elev	Offset	Depth
635	A	61	150	DBC	1.58	16
636	A	63	140	DBC	1.35	16
637	A	64	13	VS4	-0.91	16
638	A	65	106	04C	0.76	16
639	A	65	108	03H	-0.81	16
640	A	66	27	06C	0.93	16
641	A	66	35	03H	0.9	16
642	A	66	61	04H	1	16
643	A	66	109	04C	0.02	16
644	A	67	120	VS5	1.01	16
645	A	68	21	VS5	0.85	16
646	A	69	136	VS5	0.71	16
647	A	70	69	05H	-0.02	16
648	A	70	107	04C	-0.89	16
649	A	73	14	VS4	-1.03	16
650	A	75	16	06C	-0.02	16
651	A	76	17	DBC	1.59	16
652	A	76	101	03H	0.9	16
653	A	77	102	03H	0.88	16
654	A	77	122	06C	0.72	16
655	A	79	72	VS3	0	16
656	A	81	46	VS3	0.05	16
657	A	83	122	VS2	0.82	16
658	A	84	29	VS2	0.71	16
659	A	84	45	VS6	-0.76	16
660	A	85	84	05H	0.95	16
661	A	86	55	06C	0.79	16
662	A	86	111	05C	0.85	16
663	A	87	22	VS4	-0.96	16
664	A	87	58	VS2	-0.77	16
665	A	87	60	VS2	-0.76	16
666	A	87	120	VS2	0.64	16
667	A	88	53	VS4	0.95	16
668	A	88	73	02H	-0.04	16
669	A	88	91	04H	0.9	16
670	A	89	32	03C	-1	16
671	A	89	72	01C	0.78	16
672	A	89	84	04H	-0.77	16
673	A	90	87	02C	0.82	16
674	A	90	143	03C	-0.96	16

Count	SG	Row	Col	Elev	Offset	Depth
675	A	92	23	VS2	0.97	16
676	A	92	133	05C	-0.93	16
677	A	93	26	VS4	-0.77	16
678	A	93	76	VS4	0.23	16
679	A	93	104	VS6	-0.7	16
680	A	93	130	VS2	0.96	16
681	A	94	27	03H	0.94	16
682	A	95	24	VS4	0.18	16
683	A	95	30	VS6	-0.02	16
684	A	95	130	VS2	0.88	16
685	A	96	61	06C	0	16
686	A	96	103	05C	0.78	16
687	A	96	105	VS6	-0.59	16
688	A	97	26	VS4	-0.84	16
689	A	97	48	VS4	-0.78	16
690	A	97	48	VS6	0.96	16
691	A	97	58	07C	0.86	16
692	A	97	62	05C	-0.98	16
693	A	98	51	05C	0.8	16
694	A	99	36	VS4	0.83	16
695	A	99	84	VS6	-0.98	16
696	A	99	112	04C	0.78	16
697	A	99	138	VS4	0.81	16
698	A	99	140	03C	-1	16
699	A	100	89	VS2	-0.74	16
700	A	101	30	04H	-0.07	16
701	A	101	124	07C	0.76	16
702	A	103	30	05H	-0.88	16
703	A	103	82	06H	1.04	16
704	A	103	96	05C	0.78	16
705	A	104	31	VS4	-1.01	16
706	A	105	90	05C	0.76	16
707	A	107	44	05H	-0.16	16
708	A	107	44	VS2	0.69	16
709	A	107	124	VS2	-0.22	16
710	A	108	133	04C	-0.95	16
711	A	110	35	01H	0.93	16
712	A	110	131	01H	0.11	16
713	A	113	42	VS4	-0.84	16
714	A	115	78	06H	-0.75	16



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Count	SG	Row	Col	Elev	Offset	Depth
715	A	118	51	06C	0.78	16
716	A	119	60	VS4	-0.81	16
717	A	119	122	06H	0.81	16
718	A	119	124	VS4	-0.8	16
719	A	120	81	07C	0.83	16
720	A	120	111	04C	0.04	16
721	A	120	123	01H	-0.11	16
722	A	123	114	04C	-0.93	16
723	A	124	51	03H	0.93	16
724	A	125	112	VS6	-0.8	16
725	A	126	69	VS4	-0.89	16
726	A	126	111	VS7	1.05	16
727	A	127	108	05C	-1.05	16
728	A	128	55	VS7	1.2	16
729	A	128	69	08H	1.03	16
730	A	128	71	VS2	0	16
731	A	128	77	07C	0.83	16
732	A	131	94	08H	-0.81	16
733	A	131	106	03C	-0.47	16
734	A	133	94	VS4	-0.69	16
735	A	133	94	VS6	0.93	16
736	A	134	65	05H	-0.02	16
737	A	135	82	08H	0.91	16
738	A	137	76	VS6	0.07	16
739	A	137	78	VS7	0.73	16
740	A	137	80	VS7	0.16	16
741	A	138	75	07H	0.93	16
742	A	138	75	08C	-0.04	16
743	A	138	81	VS4	-0.93	16
744	A	138	89	VS1	0.81	16
745	A	26	163	01H	0.97	15
746	A	33	124	03C	0.84	15
747	A	37	24	05C	0.85	15
748	A	37	50	04H	0.92	15
749	A	40	5	01C	-0.99	15
750	A	41	16	05H	-0.5	15
751	A	41	160	01H	1.03	15
752	A	42	59	04H	0.87	15
753	A	43	106	03C	0.76	15
754	A	45	134	03C	0.73	15

Count	SG	Row	Col	Elev	Offset	Depth
755	A	46	141	04C	0.84	15
756	A	47	50	VS4	1.07	15
757	A	48	29	04H	0.88	15
758	A	49	28	03C	0.78	15
759	A	51	70	05H	0.93	15
760	A	51	90	04C	-0.22	15
761	A	53	56	03H	0.91	15
762	A	57	142	03C	0.8	15
763	A	58	85	03H	0.99	15
764	A	58	121	02C	0.8	15
765	A	61	44	04H	-0.04	15
766	A	61	48	06H	0.89	15
767	A	62	11	01C	-0.98	15
768	A	62	15	06C	0.76	15
769	A	62	35	03H	0.94	15
770	A	63	84	DBH	-1.87	15
771	A	64	13	04H	0.97	15
772	A	64	59	05C	0.7	15
773	A	65	116	VS3	1.01	15
774	A	66	25	04H	0.86	15
775	A	66	59	06C	0.82	15
776	A	68	21	VS5	0.12	15
777	A	69	40	04H	0.94	15
778	A	69	54	03C	-0.96	15
779	A	69	126	DBC	1.31	15
780	A	70	85	03H	0.96	15
781	A	70	143	DBH	1.89	15
782	A	70	145	DBC	-1.85	15
783	A	71	54	04H	1.02	15
784	A	71	134	VS3	-0.59	15
785	A	72	55	03C	-0.92	15
786	A	74	19	DBC	1.24	15
787	A	74	145	DBC	1.76	15
788	A	75	32	DBH	1.69	15
789	A	76	51	VS4	0.95	15
790	A	76	97	04C	0.82	15
791	A	77	16	DBC	1.93	15
792	A	77	22	06H	0.78	15
793	A	77	44	VS3	1.06	15
794	A	77	144	04C	0.78	15





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Count	SG	Row	Col	Elev	Offset	Depth
795	A	78	25	05C	-0.99	15
796	A	78	25	DBC	-1.97	15
797	A	79	68	07H	1.07	15
798	A	79	104	05H	0.97	15
799	A	79	116	03C	-0.98	15
800	A	79	150	02C	0.02	15
801	A	81	18	01H	0.97	15
802	A	81	18	VS4	-0.74	15
803	A	82	61	VS3	-0.7	15
804	A	83	148	VS4	-1.06	15
805	A	85	62	04C	0.83	15
806	A	86	145	03C	-1.02	15
807	A	87	20	VS4	-0.27	15
808	A	87	100	04H	0.99	15
809	A	87	112	04H	0.94	15
810	A	88	59	05C	0	15
811	A	89	108	05H	0.97	15
812	A	89	112	05H	0.86	15
813	A	90	93	04C	0.69	15
814	A	90	95	06C	0.76	15
815	A	90	95	07C	0.2	15
816	A	92	35	06H	0.89	15
817	A	92	59	VS4	0.84	15
818	A	92	69	05C	0.04	15
819	A	92	135	04C	0.69	15
820	A	93	26	VS4	1	15
821	A	94	69	05H	-0.8	15
822	A	94	93	06C	0.8	15
823	A	95	118	VS2	0.09	15
824	A	95	142	02C	0.04	15
825	A	96	25	02H	0.87	15
826	A	96	41	04C	0.74	15
827	A	96	87	05H	1.04	15
828	A	96	109	04C	0.85	15
829	A	96	141	VS4	0.81	15
830	A	97	100	VS2	0.09	15
831	A	97	120	VS2	-0.8	15
832	A	97	132	DBH	2.19	15
833	A	97	132	VS4	0.97	15
834	A	97	138	02C	0.77	15

Count	SG	Row	Col	Elev	Offset	Depth
835	A	99	28	VS4	1	15
836	A	99	104	02C	-0.99	15
837	A	99	136	VS4	-0.89	15
838	A	99	138	03C	-0.42	15
839	A	99	138	VS4	0.18	15
840	A	100	139	03C	-0.18	15
841	A	101	30	VS4	-0.89	15
842	A	101	106	04C	0.84	15
843	A	101	110	VS2	0.75	15
844	A	102	73	07C	-0.9	15
845	A	103	86	VS2	0.66	15
846	A	104	99	06C	0.78	15
847	A	104	103	05C	0.74	15
848	A	105	32	01C	-0.02	15
849	A	105	136	VS4	1	15
850	A	106	31	VS4	1.01	15
851	A	106	63	VS4	0.34	15
852	A	106	117	06C	-1.05	15
853	A	107	130	03C	-0.88	15
854	A	107	134	VS4	0.74	15
855	A	112	89	VS4	-0.82	15
856	A	112	125	05C	-0.95	15
857	A	113	42	VS4	1.07	15
858	A	113	68	VS2	-0.7	15
859	A	113	76	VS6	0.83	15
860	A	114	129	08H	-0.93	15
861	A	115	90	VS2	-0.94	15
862	A	115	124	04C	-1.05	15
863	A	116	39	VS6	-0.59	15
864	A	116	45	VS7	0.83	15
865	A	117	122	VS4	0.11	15
866	A	118	101	VS4	0.95	15
867	A	119	42	VS4	-0.88	15
868	A	119	122	03C	0.73	15
869	A	120	81	07C	-0.02	15
870	A	121	44	VS7	0.91	15
871	A	122	53	06H	0.87	15
872	A	122	117	VS2	-0.91	15
873	A	126	77	VS1	-0.83	15
874	A	126	77	VS1	0.87	15



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Count	SG	Row	Col	Elev	Offset	Depth
875	A	126	115	VS6	-0.74	15
876	A	127	56	VS6	0.87	15
877	A	127	106	VS4	-0.55	15
878	A	128	101	VS2	-0.67	15
879	A	129	74	VS1	-0.82	15
880	A	129	112	VS2	-0.81	15
881	A	130	55	02H	0.92	15
882	A	130	107	03C	-0.27	15
883	A	131	94	VS1	0.7	15
884	A	132	67	VS2	0.8	15
885	A	133	66	VS4	-0.63	15
886	A	134	65	08H	0.86	15
887	A	134	65	VS1	0.86	15
888	A	135	78	VS1	0.98	15
889	A	135	94	VS6	-0.68	15
890	A	135	100	04C	-1.06	15
891	A	137	92	VS6	0.86	15
892	A	138	81	08H	0.89	15
893	A	138	83	08H	-1.19	15
894	A	1	128	02C	0.7	14
895	A	3	164	03H	-0.42	14
896	A	15	154	DBC	1.81	14
897	A	22	3	02C	-0.98	14
898	A	24	33	01H	0.83	14
899	A	25	110	04C	0.73	14
900	A	34	63	DBC	1.71	14
901	A	37	116	03C	0.78	14
902	A	37	128	VS4	-0.7	14
903	A	39	14	05H	-0.22	14
904	A	40	125	02C	0.82	14
905	A	41	20	05H	0.93	14
906	A	41	126	02C	-0.89	14
907	A	42	35	05C	0.89	14
908	A	43	46	03H	-0.39	14
909	A	44	109	03C	0.53	14
910	A	46	41	04H	0.88	14
911	A	46	55	VS4	-0.94	14
912	A	48	125	02C	0.02	14
913	A	49	74	DBC	1.72	14
914	A	51	124	04C	-0.94	14

Count	SG	Row	Col	Elev	Offset	Depth
915	A	51	126	02C	0.82	14
916	A	53	118	02C	0.82	14
917	A	54	39	03H	0.85	14
918	A	55	8	01C	-0.27	14
919	A	55	88	02C	-0.97	14
920	A	55	120	02C	-0.22	14
921	A	55	122	02C	-0.16	14
922	A	57	18	VS3	-0.61	14
923	A	59	30	03C	0.75	14
924	A	59	106	02C	0.87	14
925	A	61	34	03H	1.05	14
926	A	61	112	04C	-0.98	14
927	A	61	138	DBC	1.51	14
928	A	62	19	06H	0.92	14
929	A	62	59	04H	0.9	14
930	A	63	12	01C	-1	14
931	A	63	124	04C	-0.27	14
932	A	64	11	VS5	0.65	14
933	A	64	37	VS5	0.91	14
934	A	64	123	04C	0.8	14
935	A	65	16	05H	0.85	14
936	A	66	45	05H	0.99	14
937	A	66	107	03H	0.11	14
938	A	67	20	VS5	0.66	14
939	A	67	106	03H	0.86	14
940	A	67	120	06H	0	14
941	A	67	130	DBH	1.76	14
942	A	67	138	03C	0.78	14
943	A	67	154	04C	0.75	14
944	A	68	17	VS3	-0.59	14
945	A	68	53	04H	-0.11	14
946	A	70	15	VS4	-0.84	14
947	A	70	81	DBC	1.7	14
948	A	70	153	VS3	0.89	14
949	A	71	108	02C	-0.25	14
950	A	71	108	05C	0.8	14
951	A	71	150	06H	0.88	14
952	A	72	53	02C	0.72	14
953	A	72	53	04C	-1.05	14
954	A	72	127	VS4	-0.12	14



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Count	SG	Row	Col	Elev	Offset	Depth
955	A	72	145	DBH	1.42	14
956	A	73	14	VS4	1.01	14
957	A	74	33	DBC	1.27	14
958	A	74	149	DBC	1.57	14
959	A	75	92	06H	-0.75	14
960	A	76	57	02C	0.74	14
961	A	79	18	VS4	-0.79	14
962	A	79	72	04H	0.9	14
963	A	79	94	03C	-0.98	14
964	A	79	150	02C	0.82	14
965	A	80	57	04H	0.91	14
966	A	80	119	03C	0.76	14
967	A	81	54	05C	-0.98	14
968	A	81	94	DBH	1.8	14
969	A	82	19	VS4	0.66	14
970	A	83	90	05H	-0.07	14
971	A	83	148	07C	0.96	14
972	A	83	148	VS4	-0.69	14
973	A	84	19	VS2	0.59	14
974	A	87	116	03C	-0.11	14
975	A	87	144	04C	0.73	14
976	A	88	59	04C	0.69	14
977	A	89	34	04H	-0.79	14
978	A	89	112	05H	0.15	14
979	A	89	136	03H	0.9	14
980	A	90	25	VS4	0.94	14
981	A	90	101	02C	0.04	14
982	A	90	107	05C	0.85	14
983	A	90	115	VS6	-0.59	14
984	A	90	135	04H	0.98	14
985	A	91	144	VS4	0.74	14
986	A	92	29	03H	0.93	14
987	A	92	33	04H	0.9	14
988	A	92	141	02C	-0.22	14
989	A	92	141	04C	0.87	14
990	A	93	60	VS6	0.96	14
991	A	93	94	04C	0.81	14
992	A	93	130	03H	-0.67	14
993	A	93	138	05C	0.86	14
994	A	94	25	VS4	-0.84	14

Count	SG	Row	Col	Elev	Offset	Depth
995	A	94	51	04C	0.76	14
996	A	94	57	05C	0.83	14
997	A	95	110	04H	0.96	14
998	A	96	37	VS6	-0.77	14
999	A	96	61	04H	0.24	14
1000	A	97	46	VS6	-0.76	14
1001	A	97	46	VS6	-0.18	14
1002	A	97	48	VS6	-0.87	14
1003	A	97	54	05C	-0.22	14
1004	A	97	114	VS4	-0.84	14
1005	A	98	35	05H	0.85	14
1006	A	98	39	05H	0.95	14
1007	A	98	63	05C	-0.88	14
1008	A	99	30	VS4	-0.88	14
1009	A	99	138	03H	0.88	14
1010	A	100	27	VS4	-0.11	14
1011	A	100	27	VS4	1.04	14
1012	A	100	29	05H	0.89	14
1013	A	100	31	VS2	-0.85	14
1014	A	100	119	VS4	-0.73	14
1015	A	101	110	VS2	0.16	14
1016	A	101	118	DBH	1.72	14
1017	A	102	67	07H	0.91	14
1018	A	102	115	VS2	-0.52	14
1019	A	103	30	VS4	-0.18	14
1020	A	104	61	06C	0.82	14
1021	A	105	136	VS4	-0.65	14
1022	A	106	31	03C	0.76	14
1023	A	106	31	VS6	0.28	14
1024	A	106	47	04C	0	14
1025	A	106	47	04C	0.76	14
1026	A	106	59	VS2	-0.93	14
1027	A	106	117	VS2	-0.06	14
1028	A	107	34	VS4	0.98	14
1029	A	107	44	05H	-0.95	14
1030	A	107	120	DBH	1.8	14
1031	A	107	122	03C	-0.18	14
1032	A	107	130	VS2	-0.8	14
1033	A	108	95	03C	0.8	14
1034	A	108	99	DBH	1.83	14





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Count	SG	Row	Col	Elev	Offset	Depth
1035	A	109	34	05H	-0.75	14
1036	A	109	118	04C	-1.02	14
1037	A	110	115	08H	0.9	14
1038	A	112	65	VS4	0.74	14
1039	A	113	68	VS4	-0.85	14
1040	A	113	68	VS6	1.07	14
1041	A	115	124	03C	0.83	14
1042	A	116	121	VS7	1.02	14
1043	A	117	58	06C	0.8	14
1044	A	118	47	02H	0.9	14
1045	A	118	97	VS2	-0.92	14
1046	A	118	99	VS2	0.89	14
1047	A	119	60	VS4	1	14
1048	A	120	93	06C	0.85	14
1049	A	121	104	VS4	0.76	14
1050	A	123	120	02H	0.93	14
1051	A	124	49	01H	0.93	14
1052	A	124	117	03C	0	14
1053	A	129	92	VS4	-0.86	14
1054	A	130	73	VS6	1	14
1055	A	130	89	DBC	-1.6	14
1056	A	132	81	DBC	1.84	14
1057	A	133	88	DBC	1.65	14
1058	A	134	65	DBH	-2.01	14
1059	A	134	71	VS1	-0.02	14
1060	A	134	103	02C	-0.93	14
1061	A	137	76	VS2	-0.09	14
1062	A	138	85	08H	-0.95	14
1063	A	138	85	VS6	0.96	14
1064	A	2	159	03C	-0.22	13
1065	A	3	128	02C	0.7	13
1066	A	3	164	02C	0.77	13
1067	A	10	165	DBH	1.68	13
1068	A	27	8	02C	-0.84	13
1069	A	28	3	02C	-0.92	13
1070	A	29	162	01H	-0.76	13
1071	A	34	117	03C	-0.95	13
1072	A	37	34	04H	0.97	13
1073	A	41	108	03C	0.8	13
1074	A	41	160	03C	-0.13	13

Count	SG	Row	Col	Elev	Offset	Depth
1075	A	45	42	VS4	0.93	13
1076	A	45	60	04H	1.01	13
1077	A	46	37	03H	0.92	13
1078	A	48	69	VS4	-0.91	13
1079	A	49	24	VS4	-0.86	13
1080	A	50	127	03C	-0.9	13
1081	A	51	122	02C	-0.22	13
1082	A	53	10	01C	-1.02	13
1083	A	54	33	03H	0.88	13
1084	A	59	56	DBH	-0.81	13
1085	A	60	33	DBC	1.69	13
1086	A	60	39	04H	0.87	13
1087	A	63	134	03C	0.71	13
1088	A	63	142	04C	0.78	13
1089	A	64	57	06C	0.83	13
1090	A	66	13	01C	-1.08	13
1091	A	66	13	VS4	-0.79	13
1092	A	66	107	02C	-0.98	13
1093	A	68	41	04H	0.99	13
1094	A	69	34	06C	0.92	13
1095	A	69	34	DBH	1.67	13
1096	A	69	60	06H	0.89	13
1097	A	70	129	DBC	1.85	13
1098	A	70	153	DBH	-1.54	13
1099	A	72	55	04C	-0.31	13
1100	A	73	152	VS3	1.03	13
1101	A	75	20	04H	-0.77	13
1102	A	75	28	DBH	1.83	13
1103	A	75	56	03C	0.8	13
1104	A	76	53	03C	0.83	13
1105	A	77	18	06H	-0.67	13
1106	A	77	22	03H	0.88	13
1107	A	77	76	VS5	0.92	13
1108	A	79	18	DBC	1.34	13
1109	A	79	144	VS5	-0.73	13
1110	A	80	27	VS3	1.03	13
1111	A	80	65	04C	0.78	13
1112	A	80	77	02H	-0.87	13
1113	A	81	20	04H	0.93	13
1114	A	81	94	02C	-0.96	13



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Count	SG	Row	Col	Elev	Offset	Depth
1115	A	81	130	VS3	-0.78	13
1116	A	82	91	07C	0.81	13
1117	A	83	146	04C	-0.93	13
1118	A	84	41	07H	0.92	13
1119	A	84	47	06H	0.97	13
1120	A	84	125	04C	-1.02	13
1121	A	84	143	03C	0.66	13
1122	A	84	147	VS5	0.68	13
1123	A	86	21	VS4	-0.81	13
1124	A	87	92	05C	0.78	13
1125	A	87	124	04C	-0.96	13
1126	A	88	57	VS6	0.79	13
1127	A	88	125	04C	-0.91	13
1128	A	89	42	07H	0.86	13
1129	A	89	108	04H	0.99	13
1130	A	89	128	03H	0.93	13
1131	A	90	23	VS4	-0.89	13
1132	A	90	59	04H	0.97	13
1133	A	92	59	VS4	-0.86	13
1134	A	93	136	03C	0.8	13
1135	A	94	57	VS6	-0.82	13
1136	A	94	61	04H	1.02	13
1137	A	94	67	VS6	0.84	13
1138	A	94	77	VS2	-0.68	13
1139	A	95	130	04H	0.98	13
1140	A	95	132	VS4	0.99	13
1141	A	96	31	VS6	-0.59	13
1142	A	96	39	VS6	0.32	13
1143	A	96	61	06H	1	13
1144	A	96	65	05H	-0.83	13
1145	A	96	105	07H	0.91	13
1146	A	96	117	VS6	-0.66	13
1147	A	96	141	VS4	-1.15	13
1148	A	97	132	04C	-1.04	13
1149	A	98	55	DBC	-1.71	13
1150	A	98	111	VS2	0.55	13
1151	A	99	104	02C	0	13
1152	A	100	29	04H	0.88	13
1153	A	100	35	03H	-0.73	13
1154	A	100	41	06C	0.74	13

Count	SG	Row	Col	Elev	Offset	Depth
1155	A	100	61	03H	-0.8	13
1156	A	100	115	05H	-0.85	13
1157	A	100	137	VS4	-0.9	13
1158	A	101	56	06C	-0.98	13
1159	A	101	128	04H	-0.75	13
1160	A	102	75	VS2	-0.65	13
1161	A	102	95	05C	-0.2	13
1162	A	102	105	03C	-0.94	13
1163	A	102	115	VS2	-0.06	13
1164	A	103	54	05H	0.91	13
1165	A	103	86	VS2	0.22	13
1166	A	103	134	04C	0.8	13
1167	A	103	136	DBH	-1.53	13
1168	A	104	121	06C	0.78	13
1169	A	105	32	04H	-0.93	13
1170	A	106	31	01C	-0.99	13
1171	A	106	33	04C	-0.94	13
1172	A	106	69	VS2	0.62	13
1173	A	106	69	VS6	0.97	13
1174	A	107	32	03C	0.84	13
1175	A	107	32	VS4	-0.05	13
1176	A	107	134	03H	0.82	13
1177	A	109	34	01H	0.98	13
1178	A	109	34	04H	-0.72	13
1179	A	109	114	03C	0.82	13
1180	A	112	39	VS6	0.97	13
1181	A	112	129	04C	0.69	13
1182	A	113	38	02C	0.81	13
1183	A	113	90	VS4	-0.53	13
1184	A	115	38	02C	-1.02	13
1185	A	115	38	02C	-0.02	13
1186	A	115	50	VS4	-0.71	13
1187	A	115	128	05H	0.85	13
1188	A	116	81	VS6	-0.81	13
1189	A	116	95	07C	-0.98	13
1190	A	117	42	02C	0.81	13
1191	A	118	41	01H	0.99	13
1192	A	118	53	VS6	-0.78	13
1193	A	118	63	VS4	0.82	13
1194	A	119	82	VS4	0.32	13



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Count	SG	Row	Col	Elev	Offset	Depth
1195	A	121	120	06H	0.9	13
1196	A	122	45	01C	0.8	13
1197	A	122	113	03C	0.58	13
1198	A	123	52	06H	-0.91	13
1199	A	127	56	VS1	-0.78	13
1200	A	127	56	VS4	1.04	13
1201	A	127	76	VS1	-0.93	13
1202	A	128	55	VS6	-0.04	13
1203	A	131	70	DBC	1.69	13
1204	A	131	76	06C	0.74	13
1205	A	132	63	VS6	0.92	13
1206	A	133	60	02H	-0.87	13
1207	A	133	86	DBC	-1.66	13
1208	A	133	94	DBC	-1.84	13
1209	A	134	89	DBC	-1.82	13
1210	A	137	90	DBC	0.81	13
1211	A	138	85	DBC	-1.71	13
1212	A	13	2	02H	-0.86	12
1213	A	18	51	VS4	-1.12	12
1214	A	24	161	02C	-0.9	12
1215	A	41	6	02C	-0.18	12
1216	A	41	8	02C	-0.33	12
1217	A	43	46	VS4	0.09	12
1218	A	47	12	DBC	1.46	12
1219	A	47	24	04H	-0.74	12
1220	A	50	45	VS5	-0.86	12
1221	A	52	9	01C	-1.05	12
1222	A	58	33	DBH	1.74	12
1223	A	61	34	04H	0.92	12
1224	A	61	40	04H	0.88	12
1225	A	63	58	03H	0.93	12
1226	A	64	29	DBC	1.43	12
1227	A	64	139	03C	0.86	12
1228	A	65	24	VS5	-0.91	12
1229	A	66	37	06H	-0.02	12
1230	A	66	55	02H	0.94	12
1231	A	67	38	06H	0.97	12
1232	A	67	50	03C	0.76	12
1233	A	68	45	06H	1.01	12
1234	A	68	107	03H	-0.13	12

Count	SG	Row	Col	Elev	Offset	Depth
1235	A	69	108	04H	1.01	12
1236	A	70	19	05H	0.98	12
1237	A	72	149	DBH	1.62	12
1238	A	73	14	05H	-0.9	12
1239	A	73	152	VS3	-0.66	12
1240	A	75	20	03H	0.9	12
1241	A	75	58	VS3	0.95	12
1242	A	76	51	04C	0.07	12
1243	A	76	51	VS3	-0.79	12
1244	A	76	103	03H	-0.07	12
1245	A	77	24	03H	0.94	12
1246	A	77	44	VS4	0.12	12
1247	A	77	52	02C	0.78	12
1248	A	78	19	DBC	-2	12
1249	A	78	149	DBC	-1.62	12
1250	A	79	16	DBH	-1.36	12
1251	A	80	143	05C	0.73	12
1252	A	80	145	02C	-0.37	12
1253	A	81	24	DBC	-1.63	12
1254	A	81	118	VS3	-0.76	12
1255	A	82	71	VS3	0.89	12
1256	A	83	130	VS2	0.88	12
1257	A	83	136	DBH	1.62	12
1258	A	84	29	05C	-1.05	12
1259	A	84	51	VS2	0.65	12
1260	A	87	36	DBH	1.89	12
1261	A	87	40	VS2	-0.92	12
1262	A	87	56	04C	0.78	12
1263	A	87	146	02C	0.73	12
1264	A	88	57	06H	0.89	12
1265	A	88	125	03C	-0.88	12
1266	A	89	28	VS6	0.75	12
1267	A	90	31	04H	0.93	12
1268	A	90	107	04H	0.99	12
1269	A	92	25	VS4	0.94	12
1270	A	92	59	VS6	1.18	12
1271	A	92	85	VS6	1.04	12
1272	A	92	117	VS4	-0.71	12
1273	A	93	100	VS2	-0.7	12
1274	A	95	58	04H	0.99	12



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Count	SG	Row	Col	Elev	Offset	Depth
1275	A	95	60	06H	0.95	12
1276	A	95	142	02C	0.8	12
1277	A	96	41	VS6	-0.14	12
1278	A	96	59	07C	-0.9	12
1279	A	97	48	DBC	1.82	12
1280	A	97	96	VS2	0.11	12
1281	A	97	96	VS2	0.71	12
1282	A	97	112	VS4	-0.89	12
1283	A	97	120	VS4	0.68	12
1284	A	97	136	04C	-1.04	12
1285	A	98	85	VS6	-0.71	12
1286	A	99	30	VS4	0.85	12
1287	A	99	116	VS4	-0.84	12
1288	A	99	138	02C	0.04	12
1289	A	100	31	06H	-0.83	12
1290	A	100	31	06H	-0.04	12
1291	A	100	49	05C	0.8	12
1292	A	101	36	03H	0.88	12
1293	A	101	48	DBC	1.64	12
1294	A	102	137	04C	-1.04	12
1295	A	103	30	07H	-0.81	12
1296	A	103	32	02C	-0.22	12
1297	A	103	134	04C	0	12
1298	A	104	33	04C	-0.95	12
1299	A	106	69	VS4	-1.14	12
1300	A	107	32	04C	-0.27	12
1301	A	107	40	VS2	-0.86	12
1302	A	107	44	VS4	0.9	12
1303	A	107	124	03C	-0.94	12
1304	A	107	128	04C	-1.14	12
1305	A	108	39	04H	0.89	12
1306	A	108	133	04C	0.71	12
1307	A	109	34	VS4	-0.84	12
1308	A	111	128	03C	0.82	12
1309	A	111	128	VS4	1	12
1310	A	112	65	VS4	-0.78	12
1311	A	113	36	01H	0.95	12
1312	A	113	38	01C	-1.04	12
1313	A	116	39	01C	-0.18	12
1314	A	116	51	05H	-0.13	12

Count	SG	Row	Col	Elev	Offset	Depth
1315	A	118	43	03H	0.93	12
1316	A	118	101	04H	-0.09	12
1317	A	120	111	03C	-1.04	12
1318	A	123	102	VS4	1.05	12
1319	A	124	119	VS4	-0.87	12
1320	A	126	51	VS2	0.79	12
1321	A	126	63	07H	1	12
1322	A	127	80	VS7	0.78	12
1323	A	128	103	VS2	0.97	12
1324	A	129	86	DBH	1.78	12
1325	A	132	59	01C	0.67	12
1326	A	134	91	VS6	1.02	12
1327	A	134	103	DBC	-1.68	12
1328	A	135	82	VS4	-0.78	12
1329	A	136	69	VS7	0.95	12
1330	A	136	79	VS7	-0.85	12
1331	A	136	79	VS7	0.95	12
1332	A	136	93	VS6	0.75	12
1333	A	137	74	DBH	2.03	12
1334	A	137	88	VS4	-0.53	12
1335	A	137	88	VS6	-0.63	12
1336	A	138	81	VS1	1.03	12
1337	A	138	83	VS1	-0.72	12
1338	A	1	150	01C	-0.18	11
1339	A	4	115	04C	0.86	11
1340	A	4	137	02C	0.75	11
1341	A	22	9	02C	-0.99	11
1342	A	22	163	02H	-0.78	11
1343	A	26	161	03H	0.94	11
1344	A	27	6	02H	-0.74	11
1345	A	31	44	02C	0.82	11
1346	A	31	126	VS4	0.3	11
1347	A	32	109	VS4	-0.12	11
1348	A	34	39	02H	1.08	11
1349	A	34	119	03H	0.97	11
1350	A	39	40	02H	0.94	11
1351	A	42	5	VS4	-0.8	11
1352	A	49	112	VS4	-0.6	11
1353	A	51	134	VS3	-0.77	11
1354	A	58	33	04H	-0.88	11



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Count	SG	Row	Col	Elev	Offset	Depth
1355	A	61	36	03H	-0.86	11
1356	A	62	33	03H	-0.84	11
1357	A	63	44	06C	-1.01	11
1358	A	64	71	VS5	0.88	11
1359	A	65	14	06H	0.83	11
1360	A	65	32	04H	0.88	11
1361	A	65	76	02H	-0.09	11
1362	A	66	31	05H	-0.81	11
1363	A	66	113	02C	0.77	11
1364	A	66	137	06C	-0.98	11
1365	A	67	12	03H	0.88	11
1366	A	67	32	06H	0.98	11
1367	A	67	34	06C	0.91	11
1368	A	67	112	VS3	0.89	11
1369	A	68	17	VS4	0.88	11
1370	A	68	21	VS3	-0.82	11
1371	A	69	40	DBH	1.71	11
1372	A	69	136	VS3	-0.64	11
1373	A	71	110	04H	0.94	11
1374	A	72	47	04C	-0.2	11
1375	A	72	85	05C	0.16	11
1376	A	72	151	01H	-0.09	11
1377	A	74	15	01C	-0.96	11
1378	A	76	15	01C	-0.07	11
1379	A	76	15	03H	-0.11	11
1380	A	76	15	06C	0.79	11
1381	A	76	15	DBC	1.8	11
1382	A	76	21	04H	0.95	11
1383	A	77	20	06H	-0.07	11
1384	A	79	22	07C	1.02	11
1385	A	80	57	04H	0.16	11
1386	A	83	84	02C	0.85	11
1387	A	84	19	01H	-0.82	11
1388	A	84	19	01H	-0.07	11
1389	A	84	19	VS3	0.19	11
1390	A	86	145	02C	0.73	11
1391	A	87	56	05H	0.89	11
1392	A	87	90	04H	1.03	11
1393	A	87	92	04H	-0.73	11
1394	A	87	120	VS2	0.11	11

Count	SG	Row	Col	Elev	Offset	Depth
1395	A	89	54	07C	0.82	11
1396	A	91	144	03C	-0.98	11
1397	A	92	51	05C	0.02	11
1398	A	93	52	04C	0.74	11
1399	A	93	104	DBH	1.61	11
1400	A	93	130	04H	-0.83	11
1401	A	94	25	03H	-0.92	11
1402	A	94	77	VS6	-0.84	11
1403	A	95	130	VS2	0.02	11
1404	A	97	28	VS4	-0.41	11
1405	A	97	28	VS4	1	11
1406	A	97	124	VS2	1.01	11
1407	A	98	111	VS2	-0.17	11
1408	A	98	119	VS6	0.82	11
1409	A	99	84	VS6	0.96	11
1410	A	100	29	VS2	-0.87	11
1411	A	100	29	VS4	0.02	11
1412	A	100	33	VS2	-0.8	11
1413	A	100	119	VS2	0.88	11
1414	A	100	131	05C	0.71	11
1415	A	100	137	VS4	0.96	11
1416	A	101	136	02C	0.02	11
1417	A	102	29	04C	-1.03	11
1418	A	102	105	02C	0.09	11
1419	A	103	108	07C	-0.22	11
1420	A	104	71	DBH	1.8	11
1421	A	104	97	03C	0.74	11
1422	A	106	47	DBC	1.68	11
1423	A	106	63	VS4	-1.02	11
1424	A	107	124	VS2	-0.95	11
1425	A	107	130	VS2	0.58	11
1426	A	108	35	VS4	-0.9	11
1427	A	108	63	VS2	0.22	11
1428	A	111	116	03C	0.78	11
1429	A	111	116	03H	0.92	11
1430	A	113	128	03H	0.89	11
1431	A	114	129	VS4	1.01	11
1432	A	115	38	VS4	0.82	11
1433	A	115	124	05C	0.69	11
1434	A	116	55	05H	-0.62	11





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Count	SG	Row	Col	Elev	Offset	Depth
1435	A	116	95	06C	0.76	11
1436	A	118	43	06H	-0.93	11
1437	A	120	45	02H	0.88	11
1438	A	123	110	VS2	0.96	11
1439	A	125	114	03H	-0.17	11
1440	A	127	52	03C	-0.16	11
1441	A	127	56	DBH	2.17	11
1442	A	129	58	VS2	-0.81	11
1443	A	130	57	02H	1.01	11
1444	A	132	87	DBH	1.82	11
1445	A	133	60	02H	0.94	11
1446	A	135	78	VS4	1.03	11
1447	A	136	69	DBC	-1.41	11
1448	A	1	162	01C	0.87	10
1449	A	4	157	02C	0.73	10
1450	A	5	130	02C	0.84	10
1451	A	27	10	05H	0.9	10
1452	A	33	22	DBH	2.09	10
1453	A	37	50	04H	-0.92	10
1454	A	38	11	05H	1.09	10
1455	A	39	10	DBH	1.91	10
1456	A	41	22	05H	-0.96	10
1457	A	48	43	VS4	0.21	10
1458	A	50	21	DBC	1.58	10
1459	A	57	32	06H	-0.04	10
1460	A	63	40	DBC	-1.39	10
1461	A	64	25	06C	0.87	10
1462	A	64	59	04C	0.81	10
1463	A	64	71	VS5	-0.84	10
1464	A	65	24	VS5	0.62	10
1465	A	65	32	DBC	1.33	10
1466	A	66	39	05H	0.92	10
1467	A	66	109	03H	-0.67	10
1468	A	67	56	VS3	0.87	10
1469	A	67	106	02H	1.03	10
1470	A	69	58	02C	0.83	10
1471	A	70	53	02C	-0.85	10
1472	A	71	126	05C	0.07	10
1473	A	73	14	03H	0.91	10
1474	A	75	148	06C	0.77	10

Count	SG	Row	Col	Elev	Offset	Depth
1475	A	76	21	03H	0.84	10
1476	A	76	97	04C	-1	10
1477	A	77	18	07C	-0.02	10
1478	A	77	24	04H	-0.04	10
1479	A	77	28	06H	0.88	10
1480	A	77	52	03C	-0.98	10
1481	A	77	52	06C	-0.94	10
1482	A	79	20	05H	0.85	10
1483	A	80	59	04C	0.76	10
1484	A	81	18	DBC	-1.89	10
1485	A	82	101	DBH	-1.94	10
1486	A	82	121	05H	0.88	10
1487	A	84	25	VS2	0.59	10
1488	A	84	51	DBH	1.67	10
1489	A	84	93	05C	-0.94	10
1490	A	85	28	VS3	-0.74	10
1491	A	86	145	03C	0.75	10
1492	A	87	20	VS4	-0.98	10
1493	A	87	22	01H	0.94	10
1494	A	87	22	04H	0.91	10
1495	A	87	92	04H	0.98	10
1496	A	87	110	03H	0.86	10
1497	A	87	142	03C	-1.04	10
1498	A	88	99	06H	-0.84	10
1499	A	89	60	04H	-0.73	10
1500	A	89	112	05H	-0.7	10
1501	A	90	35	05H	0.85	10
1502	A	90	87	04C	0.44	10
1503	A	90	87	06H	0.94	10
1504	A	91	22	VS6	-0.85	10
1505	A	92	37	04H	0.92	10
1506	A	92	59	VS4	0.07	10
1507	A	92	137	04C	0.84	10
1508	A	94	107	03H	-0.26	10
1509	A	96	27	VS4	1.1	10
1510	A	96	31	VS4	0.86	10
1511	A	96	33	06H	-0.92	10
1512	A	96	33	VS4	-0.92	10
1513	A	96	55	06C	-0.94	10
1514	A	97	46	VS4	0.92	10



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Count	SG	Row	Col	Elev	Offset	Depth
1515	A	98	27	VS6	-0.87	10
1516	A	98	85	DBC	1.28	10
1517	A	98	109	05H	-0.87	10
1518	A	99	28	VS4	-0.46	10
1519	A	99	136	VS4	0.58	10
1520	A	100	35	05C	0	10
1521	A	100	119	VS6	1.09	10
1522	A	101	28	03H	0.95	10
1523	A	101	136	03C	-0.91	10
1524	A	101	138	07C	0.72	10
1525	A	103	36	05C	-0.96	10
1526	A	104	85	VS2	-0.7	10
1527	A	105	122	06C	0.73	10
1528	A	106	45	05H	0	10
1529	A	106	131	03C	-0.92	10
1530	A	106	135	01H	0.15	10
1531	A	108	35	VS4	0.99	10
1532	A	110	35	VS4	0.93	10
1533	A	112	37	DBH	-1.63	10
1534	A	112	41	VS6	-0.73	10
1535	A	113	36	01H	-0.09	10
1536	A	114	119	03C	0.73	10
1537	A	115	38	VS4	0.4	10
1538	A	116	71	VS4	1.08	10
1539	A	117	40	02C	-0.2	10
1540	A	117	90	VS2	0.83	10
1541	A	117	120	03H	0.83	10
1542	A	119	44	02H	0.88	10
1543	A	121	44	VS4	0.89	10
1544	A	122	63	05H	0.13	10
1545	A	123	120	VS4	-0.52	10
1546	A	126	51	01H	0.09	10
1547	A	126	103	VS1	0.94	10
1548	A	129	94	VS4	0.04	10
1549	A	130	93	DBH	1.94	10
1550	A	133	60	VS4	0.5	10
1551	A	136	69	DBC	1.48	10
1552	A	137	76	VS2	-0.74	10
1553	A	138	81	VS1	-0.88	10
1554	A	138	81	VS2	-0.15	10

Count	SG	Row	Col	Elev	Offset	Depth
1555	A	4	157	02C	-0.16	9
1556	A	42	5	VS4	0	9
1557	A	46	125	VS4	0.93	9
1558	A	61	20	DBC	1.24	9
1559	A	61	144	DBH	1.88	9
1560	A	64	57	05H	0.99	9
1561	A	65	12	01C	-0.22	9
1562	A	65	32	DBC	-1.32	9
1563	A	68	39	VS3	0.98	9
1564	A	70	107	04H	-0.02	9
1565	A	70	153	02C	-0.88	9
1566	A	71	34	03H	-0.91	9
1567	A	76	15	04H	-0.83	9
1568	A	76	51	VS3	1.01	9
1569	A	76	57	05C	-0.94	9
1570	A	79	148	02C	0.8	9
1571	A	81	94	02C	-0.24	9
1572	A	82	107	04H	0.87	9
1573	A	83	50	05C	0.69	9
1574	A	84	93	05C	-0.22	9
1575	A	87	88	04H	0.26	9
1576	A	88	33	04H	0.88	9
1577	A	90	59	04H	-0.09	9
1578	A	92	25	VS4	-0.91	9
1579	A	92	117	VS4	0.91	9
1580	A	93	116	DBH	1.76	9
1581	A	94	25	VS4	-0.09	9
1582	A	95	32	04H	-0.02	9
1583	A	97	52	VS2	-0.88	9
1584	A	97	124	VS2	-0.86	9
1585	A	100	31	04H	0.86	9
1586	A	100	51	06H	-0.04	9
1587	A	102	29	VS4	-0.11	9
1588	A	102	105	03C	0.09	9
1589	A	103	32	03C	0.09	9
1590	A	103	36	VS2	0.99	9
1591	A	104	33	03C	-1	9
1592	A	106	121	04C	-0.04	9
1593	A	107	36	03C	0.78	9
1594	A	109	34	01C	0.74	9



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Count	SG	Row	Col	Elev	Offset	Depth
1595	A	114	47	05H	0.97	9
1596	A	122	117	VS1	0.89	9
1597	A	130	99	03C	-0.97	9
1598	A	132	97	08C	0	9
1599	A	134	69	VS6	1.14	9
1600	A	134	71	VS1	-0.79	9
1601	A	135	78	VS4	0.02	9
1602	A	27	10	05H	0.09	8
1603	A	67	50	03C	0	8
1604	A	68	27	VS3	-0.74	8
1605	A	70	29	DBC	1.31	8
1606	A	75	16	03H	0.94	8
1607	A	76	19	DBC	1.44	8
1608	A	79	18	VS4	1.13	8
1609	A	82	19	VS4	-0.96	8
1610	A	83	114	VS2	-0.88	8
1611	A	85	40	VS5	-0.77	8
1612	A	87	106	06H	0.22	8
1613	A	88	53	05C	-0.97	8
1614	A	89	78	07H	-0.81	8
1615	A	95	26	VS4	1.01	8
1616	A	101	30	VS4	0.73	8
1617	A	103	36	VS2	-0.84	8
1618	A	117	50	VS4	-0.62	8
1619	A	127	76	VS4	1.07	8
1620	A	135	94	VS4	0.95	8
1621	A	36	109	VS4	0	7
1622	A	68	15	05H	-0.09	7
1623	A	76	37	06H	-0.02	7
1624	A	80	17	VS4	0.65	7
1625	A	81	20	04H	-0.04	7
1626	A	83	116	VS2	-0.3	7
1627	A	87	90	04H	-0.04	7
1628	A	88	21	VS4	0.33	7
1629	A	91	90	05H	0.95	7
1630	A	103	32	VS4	0.49	7
1631	A	104	97	03C	0	7
1632	A	106	119	VS4	1.14	7
1633	A	107	124	VS2	0.61	7
1634	A	116	61	VS4	0.93	7

Count	SG	Row	Col	Elev	Offset	Depth
1635	A	120	81	VS4	0.91	7
1636	A	127	56	VS1	0.73	7
1637	A	129	94	VS4	0.56	7
1638	A	133	94	DBC	1.14	7
1639	A	67	24	06H	0.21	6
1640	A	67	38	06H	-0.07	6
1641	A	72	29	DBC	1.84	6
1642	A	72	53	04C	0.81	6
1643	A	77	20	DBC	-1.21	6
1644	A	91	26	03H	0.91	6
1645	A	92	23	VS6	0.56	6
1646	A	101	40	05H	0.11	6
1647	A	106	31	VS2	0.16	6
1648	A	107	32	04C	-0.85	6
1649	A	122	117	VS2	0.2	6
1650	A	123	110	06C	-0.29	6
1651	A	68	17	VS4	-1.02	5





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**APPENDIX D: SUPPORT WEAR LISTING – SGB**

Count	SG	Row	Col	Elev	Offset	Depth
1	B	44	31	VS4	-0.61	39
2	B	49	34	VS4	0.84	39
3	B	95	138	VS4	1.02	39
4	B	109	52	VS2	0.83	39
5	B	109	114	VS4	-0.79	39
6	B	123	116	VS6	-0.58	39
7	B	135	92	VS7	-0.65	39
8	B	38	125	VS4	0.95	38
9	B	39	116	VS4	0.94	38
10	B	107	42	VS2	0.8	38
11	B	42	57	VS4	0.81	37
12	B	114	39	VS4	0.88	37
13	B	115	38	01C	-0.04	37
14	B	42	51	VS4	-0.69	36
15	B	44	103	VS4	0.96	36
16	B	46	151	VS4	0.88	36
17	B	100	125	VS2	0.11	36
18	B	107	82	VS2	-0.99	36
19	B	135	92	08C	0.94	36
20	B	41	54	VS4	0.79	35
21	B	42	41	VS4	0.93	35
22	B	44	37	VS4	0.14	35
23	B	107	42	VS2	-0.94	35
24	B	109	114	VS2	-0.08	35
25	B	112	37	04C	-1.01	35
26	B	123	118	VS6	-0.72	35
27	B	44	21	VS4	1.01	34
28	B	48	9	VS4	-0.62	34
29	B	48	9	VS4	0.23	34
30	B	71	146	VS5	-0.86	34
31	B	100	125	VS2	-0.6	34
32	B	107	42	VS4	0.97	34
33	B	108	33	VS4	1.08	34
34	B	44	29	VS4	0.05	33
35	B	45	34	VS4	0.15	33
36	B	87	146	03C	0.75	33

Count	SG	Row	Col	Elev	Offset	Depth
37	B	98	55	VS2	-0.77	33
38	B	109	114	VS6	-0.9	33
39	B	131	58	01C	0.76	33
40	B	131	98	VS6	0.93	33
41	B	138	89	VS7	0.9	33
42	B	42	123	VS4	0.97	32
43	B	80	17	DBH	1.68	32
44	B	80	145	VS4	-0.64	32
45	B	107	82	VS2	0.83	32
46	B	114	37	VS2	0.04	32
47	B	131	98	VS7	0.84	32
48	B	135	90	VS7	0.53	32
49	B	45	122	VS4	1.02	31
50	B	48	13	VS4	0.36	31
51	B	69	134	VS4	-0.71	31
52	B	71	144	VS3	-0.75	31
53	B	84	147	DBH	1.86	31
54	B	105	30	VS4	0.83	31
55	B	112	127	03C	0.04	31
56	B	124	93	VS2	0.06	31
57	B	136	97	VS7	-0.76	31
58	B	38	147	VS4	-0.62	30
59	B	45	140	VS4	0.93	30
60	B	47	126	VS4	-0.67	30
61	B	47	126	VS4	1.06	30
62	B	72	49	03C	0.83	30
63	B	83	148	VS4	-1	30
64	B	91	22	VS6	1	30
65	B	114	37	VS4	0.93	30
66	B	116	125	03C	0.81	30
67	B	135	92	07C	0.79	30
68	B	137	90	DBH	1.8	30
69	B	38	127	VS4	0.86	29
70	B	42	41	VS4	0.34	29
71	B	44	23	DBH	-1.61	29
72	B	44	59	VS4	0	29



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Count	SG	Row	Col	Elev	Offset	Depth
73	B	46	33	VS4	-0.55	29
74	B	47	20	VS4	1.01	29
75	B	47	56	VS4	1.15	29
76	B	67	134	06C	-1.06	29
77	B	72	149	DBH	1.66	29
78	B	88	27	DBH	2.18	29
79	B	103	126	VS6	0.85	29
80	B	109	130	02C	0.68	29
81	B	131	104	VS7	0.82	29
82	B	132	107	02C	-1.06	29
83	B	138	79	VS1	-0.69	29
84	B	138	85	DBH	1.91	29
85	B	19	164	02C	0.74	28
86	B	35	4	DBC	2.21	28
87	B	40	121	VS4	1.08	28
88	B	41	14	VS4	0.1	28
89	B	44	27	VS4	-0.66	28
90	B	44	27	VS4	1.14	28
91	B	45	6	02C	-1.03	28
92	B	69	150	VS3	-0.55	28
93	B	76	21	VS4	1.08	28
94	B	79	24	VS4	0.94	28
95	B	81	52	VS3	0.79	28
96	B	98	139	VS4	0.21	28
97	B	103	64	VS2	0.78	28
98	B	106	31	VS4	1	28
99	B	107	116	VS2	0.8	28
100	B	108	51	VS2	-0.63	28
101	B	110	55	VS2	-0.88	28
102	B	110	131	03C	0.82	28
103	B	114	37	DBH	1.41	28
104	B	118	89	VS2	0.92	28
105	B	135	94	DBC	1.73	28
106	B	41	12	VS4	0.8	27
107	B	44	21	VS4	-0.75	27
108	B	45	36	VS4	0.12	27
109	B	47	20	VS4	-0.79	27
110	B	47	108	06H	0.96	27
111	B	48	65	VS4	-0.57	27
112	B	49	8	VS4	0.99	27

Count	SG	Row	Col	Elev	Offset	Depth
113	B	67	138	VS3	0.14	27
114	B	71	36	VS5	0.06	27
115	B	72	125	06C	0.78	27
116	B	76	33	DBH	1.79	27
117	B	76	141	DBH	1.85	27
118	B	79	24	VS4	0.18	27
119	B	81	22	VS3	0.94	27
120	B	82	43	VS3	0.02	27
121	B	82	143	VS3	-0.91	27
122	B	82	145	VS4	1.16	27
123	B	105	78	VS6	1.03	27
124	B	107	132	03C	0.71	27
125	B	114	39	VS2	-0.67	27
126	B	120	47	03C	0.76	27
127	B	128	73	VS1	0.26	27
128	B	128	113	02C	-0.84	27
129	B	130	65	VS7	1.09	27
130	B	131	64	VS7	1.05	27
131	B	135	82	VS7	0.94	27
132	B	44	45	VS4	1.1	26
133	B	46	39	VS4	0.93	26
134	B	47	14	VS4	-0.04	26
135	B	49	74	DBH	-1.52	26
136	B	49	124	VS4	-0.64	26
137	B	67	138	03C	0.78	26
138	B	82	43	VS5	-0.88	26
139	B	98	135	VS4	1.02	26
140	B	100	125	VS4	1.12	26
141	B	105	78	VS6	-0.68	26
142	B	107	42	VS4	0.21	26
143	B	107	96	VS2	0.82	26
144	B	108	37	03C	-0.36	26
145	B	112	47	VS2	-0.77	26
146	B	120	115	03C	0.78	26
147	B	134	69	VS7	1.05	26
148	B	15	130	05C	-1.15	25
149	B	22	133	VS4	0.99	25
150	B	34	31	VS4	0.33	25
151	B	37	122	VS4	-0.86	25
152	B	37	124	VS4	0.94	25



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Count	SG	Row	Col	Elev	Offset	Depth
153	B	37	160	VS4	0.98	25
154	B	39	120	VS4	0.99	25
155	B	44	65	VS4	0	25
156	B	44	107	VS4	1.09	25
157	B	45	42	VS4	-0.89	25
158	B	45	122	VS4	-1.09	25
159	B	47	98	VS4	0.96	25
160	B	47	128	VS4	-0.7	25
161	B	67	128	VS3	1	25
162	B	74	17	VS3	-0.69	25
163	B	74	17	VS4	-0.92	25
164	B	77	34	VS3	0.87	25
165	B	96	137	VS4	1.14	25
166	B	102	85	VS6	-0.78	25
167	B	105	54	VS6	-0.73	25
168	B	107	116	VS2	-0.79	25
169	B	107	116	VS2	-0.02	25
170	B	108	33	08H	0.75	25
171	B	108	113	VS4	-0.78	25
172	B	109	104	VS2	0.98	25
173	B	120	113	VS2	-0.92	25
174	B	134	99	VS6	0.96	25
175	B	38	49	VS4	0.93	24
176	B	44	31	VS4	0.3	24
177	B	44	47	VS4	-0.59	24
178	B	44	47	VS4	0.22	24
179	B	45	32	VS4	-0.77	24
180	B	46	23	VS4	0.98	24
181	B	47	12	VS4	1.09	24
182	B	47	14	VS4	0.75	24
183	B	47	108	VS4	0.94	24
184	B	63	82	VS4	1.2	24
185	B	67	150	VS3	1.15	24
186	B	68	113	04H	0.94	24
187	B	69	144	VS5	-0.87	24
188	B	72	25	VS3	-0.56	24
189	B	72	41	06C	0.75	24
190	B	82	43	VS5	0.28	24
191	B	97	28	03C	0.69	24
192	B	98	41	VS4	0.93	24

Count	SG	Row	Col	Elev	Offset	Depth
193	B	99	132	VS2	0.74	24
194	B	100	27	VS4	-0.91	24
195	B	100	125	VS6	0.81	24
196	B	105	34	02C	0.07	24
197	B	105	130	03C	0.78	24
198	B	107	36	VS2	0.76	24
199	B	108	113	VS4	1.09	24
200	B	109	40	VS4	0.05	24
201	B	109	126	04H	0.91	24
202	B	110	79	VS2	0.09	24
203	B	111	130	VS4	0.99	24
204	B	116	115	VS4	0.89	24
205	B	119	42	04C	-0.67	24
206	B	120	105	VS2	-0.75	24
207	B	127	106	07C	-0.27	24
208	B	128	101	05C	0.72	24
209	B	130	91	DBC	1.56	24
210	B	134	101	VS7	0.98	24
211	B	138	79	VS2	0.82	24
212	B	36	45	VS4	-0.69	23
213	B	37	124	VS4	-0.8	23
214	B	37	128	VS4	0.93	23
215	B	37	148	VS4	-0.6	23
216	B	37	156	VS4	0.83	23
217	B	38	131	VS4	0.92	23
218	B	38	161	02H	0.9	23
219	B	39	12	VS4	-0.52	23
220	B	39	134	VS4	-0.84	23
221	B	43	6	02C	-0.13	23
222	B	45	32	VS4	0.26	23
223	B	45	48	VS4	0.12	23
224	B	46	7	01C	-0.31	23
225	B	46	35	VS4	-0.61	23
226	B	47	46	VS4	-0.62	23
227	B	47	46	VS4	0.12	23
228	B	47	108	VS4	-0.84	23
229	B	48	13	VS4	-0.68	23
230	B	49	10	01C	0.84	23
231	B	50	157	01H	-0.93	23
232	B	51	156	VS5	-0.79	23



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Count	SG	Row	Col	Elev	Offset	Depth
233	B	59	48	03C	0.86	23
234	B	60	41	02H	-0.07	23
235	B	63	82	VS5	1.12	23
236	B	68	151	VS3	-0.3	23
237	B	76	15	DBH	1.77	23
238	B	81	22	VS4	1	23
239	B	82	43	VS4	0.9	23
240	B	84	19	07H	-1.01	23
241	B	95	142	VS4	1.19	23
242	B	96	95	VS2	-0.73	23
243	B	96	141	VS4	0.8	23
244	B	98	135	VS4	-0.7	23
245	B	105	80	VS2	-0.11	23
246	B	105	134	02C	0.77	23
247	B	106	63	VS2	0	23
248	B	106	77	VS2	1.19	23
249	B	107	46	VS6	-0.75	23
250	B	107	78	VS2	0.9	23
251	B	108	47	VS2	-0.51	23
252	B	108	133	02C	0	23
253	B	109	34	04C	-0.02	23
254	B	109	34	VS4	-0.63	23
255	B	109	62	07C	0.7	23
256	B	109	132	04C	-0.13	23
257	B	112	47	VS4	1	23
258	B	112	79	VS2	0.65	23
259	B	114	37	VS2	-0.69	23
260	B	117	40	03C	-1.08	23
261	B	119	46	02C	0.74	23
262	B	125	104	07C	-0.25	23
263	B	129	56	01H	0.92	23
264	B	129	102	08C	-0.98	23
265	B	132	61	02H	-0.88	23
266	B	133	104	VS7	1	23
267	B	135	82	VS7	-0.83	23
268	B	136	91	DBC	1.85	23
269	B	137	90	VS7	-0.88	23
270	B	138	77	VS4	0.78	23
271	B	3	42	03C	0.75	22
272	B	6	165	02C	-0.99	22

Count	SG	Row	Col	Elev	Offset	Depth
273	B	11	164	02C	-1.07	22
274	B	11	164	04C	0.66	22
275	B	28	39	VS4	1.09	22
276	B	35	36	VS4	0.79	22
277	B	37	128	VS4	-0.76	22
278	B	41	12	05C	-0.02	22
279	B	41	12	VS4	0.02	22
280	B	43	48	05C	0.72	22
281	B	44	65	VS4	0.9	22
282	B	45	6	02C	-0.25	22
283	B	45	32	VS4	1.14	22
284	B	48	13	VS4	0.96	22
285	B	69	34	DBC	1.66	22
286	B	69	52	VS3	0	22
287	B	69	52	VS4	-0.61	22
288	B	70	153	03C	-0.07	22
289	B	71	36	VS4	0.91	22
290	B	72	17	DBH	1.54	22
291	B	72	131	DBH	1.58	22
292	B	72	149	VS3	1	22
293	B	76	29	VS4	0.13	22
294	B	76	35	DBH	1.72	22
295	B	77	104	05C	0.78	22
296	B	77	150	VS4	1.2	22
297	B	82	43	VS3	0.92	22
298	B	82	145	VS3	-0.87	22
299	B	87	146	VS4	-0.82	22
300	B	95	106	04C	-0.96	22
301	B	101	30	03C	-1.03	22
302	B	103	136	VS4	1.03	22
303	B	104	31	VS4	0.73	22
304	B	105	58	VS2	-0.84	22
305	B	106	39	03C	0.78	22
306	B	106	113	VS2	-0.13	22
307	B	109	112	07H	0.89	22
308	B	109	132	05C	0.83	22
309	B	113	130	VS4	-0.74	22
310	B	117	40	02C	-1.08	22
311	B	125	112	02C	0.75	22
312	B	126	95	VS4	-0.71	22



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Count	SG	Row	Col	Elev	Offset	Depth
313	B	128	55	01C	-0.23	22
314	B	131	96	04C	0.76	22
315	B	131	102	06C	-1.11	22
316	B	132	97	VS7	0.97	22
317	B	132	101	06C	0.83	22
318	B	135	68	VS7	0.97	22
319	B	137	90	VS7	0.88	22
320	B	138	79	VS6	-0.82	22
321	B	138	81	VS4	-0.8	22
322	B	138	87	VS1	-0.76	22
323	B	13	62	05C	-1.09	21
324	B	22	163	02C	0.82	21
325	B	34	31	VS4	0.85	21
326	B	36	5	03C	0.61	21
327	B	37	10	03C	-0.98	21
328	B	38	145	VS4	1.09	21
329	B	39	116	VS4	-0.79	21
330	B	41	32	VS4	0	21
331	B	42	57	VS4	0.21	21
332	B	44	31	DBC	1.3	21
333	B	44	63	VS4	1.08	21
334	B	45	48	VS4	0.84	21
335	B	46	39	VS4	0.15	21
336	B	47	96	VS4	0.88	21
337	B	47	108	VS4	0.05	21
338	B	56	129	03C	0.86	21
339	B	63	128	06C	0.79	21
340	B	65	62	04H	-1.19	21
341	B	65	110	03H	0.93	21
342	B	66	21	06H	0.47	21
343	B	69	132	04H	0.94	21
344	B	69	134	VS4	1.14	21
345	B	69	140	VS5	-0.87	21
346	B	69	150	VS3	1.12	21
347	B	70	141	VS3	-0.77	21
348	B	76	29	VS3	0.07	21
349	B	76	121	04C	0.77	21
350	B	78	57	03C	0.82	21
351	B	80	95	04H	0.91	21
352	B	82	41	VS3	1.11	21

Count	SG	Row	Col	Elev	Offset	Depth
353	B	83	28	VS6	-0.83	21
354	B	88	95	03C	0.76	21
355	B	91	124	04C	0.73	21
356	B	96	139	03C	-0.98	21
357	B	98	139	VS4	1	21
358	B	99	50	05H	0.47	21
359	B	99	136	04C	0.79	21
360	B	100	109	VS2	-0.67	21
361	B	101	30	04C	0.79	21
362	B	101	32	VS2	0.72	21
363	B	102	33	03C	-0.94	21
364	B	102	137	VS4	1.02	21
365	B	103	94	VS2	-0.85	21
366	B	103	126	VS2	0.19	21
367	B	104	95	VS2	0.87	21
368	B	106	31	03C	0.83	21
369	B	108	59	VS2	-0.87	21
370	B	108	59	VS2	0.96	21
371	B	108	115	07C	0.78	21
372	B	108	131	02C	0.71	21
373	B	109	52	VS2	-0.87	21
374	B	110	97	08H	1.64	21
375	B	113	40	03C	-0.59	21
376	B	114	37	VS4	-0.65	21
377	B	114	127	03C	0.75	21
378	B	116	81	VS7	-0.84	21
379	B	116	111	04C	-1.08	21
380	B	117	112	04H	1.08	21
381	B	123	116	05C	-1.02	21
382	B	123	118	VS7	-0.92	21
383	B	124	95	VS4	1	21
384	B	125	116	02H	0.91	21
385	B	126	91	VS2	0	21
386	B	129	84	06H	0.9	21
387	B	133	102	07C	-0.98	21
388	B	135	76	08C	-1.01	21
389	B	137	92	VS7	-0.63	21
390	B	138	91	DBH	1.9	21
391	B	29	120	03H	1.05	20
392	B	40	121	VS4	-0.77	20





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Count	SG	Row	Col	Elev	Offset	Depth
393	B	41	8	04C	0.82	20
394	B	41	54	VS4	-0.83	20
395	B	42	27	VS4	-0.66	20
396	B	42	51	VS4	1.07	20
397	B	44	37	VS4	0.98	20
398	B	44	127	02C	0.71	20
399	B	45	34	VS4	-0.78	20
400	B	45	140	DBH	-1.15	20
401	B	48	9	VS4	1.01	20
402	B	56	85	03C	0.77	20
403	B	67	104	06C	-0.24	20
404	B	67	136	DBH	-1.77	20
405	B	69	52	VS4	-0.04	20
406	B	71	20	VS5	0.88	20
407	B	71	36	VS3	0.9	20
408	B	71	144	VS3	0.97	20
409	B	75	42	04C	0.72	20
410	B	76	29	VS3	0.82	20
411	B	76	51	VS3	0.82	20
412	B	77	104	05H	0.98	20
413	B	80	145	VS5	0.77	20
414	B	82	43	VS5	-0.11	20
415	B	82	145	VS3	0.91	20
416	B	92	83	05H	0.95	20
417	B	95	36	VS4	1.04	20
418	B	95	134	VS2	1.01	20
419	B	98	81	DBH	0.02	20
420	B	98	135	VS2	0.15	20
421	B	99	132	VS2	-0.79	20
422	B	100	29	03C	0.72	20
423	B	102	31	02C	-0.94	20
424	B	102	35	03C	0.78	20
425	B	103	136	VS4	-0.68	20
426	B	105	30	02C	0.7	20
427	B	106	39	VS2	-0.63	20
428	B	106	57	VS2	1.16	20
429	B	107	42	VS6	-0.95	20
430	B	107	58	DBH	1.81	20
431	B	109	40	VS2	-1.05	20
432	B	109	114	VS2	0.04	20

Count	SG	Row	Col	Elev	Offset	Depth
433	B	112	43	VS2	-0.75	20
434	B	118	123	04C	-1.01	20
435	B	119	42	VS7	-0.73	20
436	B	121	118	02C	0.71	20
437	B	124	117	04C	0.71	20
438	B	124	117	VS7	-0.13	20
439	B	125	94	VS2	-0.68	20
440	B	125	114	03C	0.74	20
441	B	126	115	02C	0.77	20
442	B	127	54	01H	-0.82	20
443	B	127	92	08C	-0.29	20
444	B	129	106	08C	0.76	20
445	B	130	55	01H	0.9	20
446	B	133	100	VS7	-0.09	20
447	B	134	65	02H	0.85	20
448	B	136	97	03C	0.74	20
449	B	138	77	02H	0.99	20
450	B	138	79	VS4	0.93	20
451	B	138	79	VS6	0.82	20
452	B	138	87	VS4	-0.57	20
453	B	138	89	VS4	-0.62	20
454	B	2	165	01C	0.73	19
455	B	3	36	03C	0.82	19
456	B	9	46	DBH	0.53	19
457	B	16	155	03H	-0.17	19
458	B	18	137	VS4	1.19	19
459	B	32	5	02C	0.73	19
460	B	33	158	02C	0.74	19
461	B	35	42	05H	0.95	19
462	B	36	157	02C	-0.88	19
463	B	37	12	VS4	-0.62	19
464	B	37	160	VS4	-0.33	19
465	B	38	53	VS4	0.1	19
466	B	38	107	02C	0.76	19
467	B	40	123	VS4	0.97	19
468	B	40	125	02C	-1.09	19
469	B	41	132	VS4	0.87	19
470	B	43	126	04C	-0.89	19
471	B	44	31	02C	0.62	19
472	B	44	57	VS4	-0.6	19



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Count	SG	Row	Col	Elev	Offset	Depth
473	B	44	107	VS4	-0.66	19
474	B	45	42	VS4	1.03	19
475	B	46	23	VS4	-0.82	19
476	B	47	22	VS4	-0.72	19
477	B	47	70	VS4	-0.67	19
478	B	53	80	03C	0.81	19
479	B	55	64	02C	0.85	19
480	B	59	28	DBH	1.72	19
481	B	64	51	VS5	0	19
482	B	67	58	03C	0.85	19
483	B	67	150	VS3	-0.67	19
484	B	68	41	04H	0.95	19
485	B	69	136	VS5	-0.79	19
486	B	69	144	VS3	-0.64	19
487	B	69	150	VS5	0.91	19
488	B	70	153	VS4	1.19	19
489	B	71	36	VS3	0.09	19
490	B	71	136	06C	-0.95	19
491	B	72	19	VS3	0.13	19
492	B	73	104	06C	-0.99	19
493	B	73	132	06H	0.93	19
494	B	74	43	VS4	-0.69	19
495	B	75	104	03H	0.93	19
496	B	78	23	DBH	-1.48	19
497	B	78	61	VS3	-0.94	19
498	B	84	81	02C	0.83	19
499	B	85	36	VS6	-0.74	19
500	B	85	142	03C	-0.85	19
501	B	87	20	VS4	-0.88	19
502	B	87	88	04C	-0.92	19
503	B	91	64	03C	-0.94	19
504	B	91	144	VS4	-0.79	19
505	B	91	144	VS4	1.03	19
506	B	92	69	04C	0.58	19
507	B	93	30	VS4	-0.84	19
508	B	95	24	VS4	-0.7	19
509	B	95	84	07C	0.82	19
510	B	96	95	VS2	0.94	19
511	B	97	60	VS2	0.88	19
512	B	98	27	04C	-1.03	19

Count	SG	Row	Col	Elev	Offset	Depth
513	B	98	81	VS4	-0.71	19
514	B	98	93	03C	0.69	19
515	B	101	54	02C	0.76	19
516	B	101	104	DBH	1.83	19
517	B	104	31	02C	-0.27	19
518	B	105	38	03C	0.78	19
519	B	105	58	VS6	0.82	19
520	B	105	130	VS2	0.04	19
521	B	106	31	VS4	0.36	19
522	B	107	130	03H	0.96	19
523	B	109	40	VS2	0.82	19
524	B	109	112	07C	0.73	19
525	B	109	112	VS2	-0.97	19
526	B	111	50	VS2	0.81	19
527	B	113	36	02C	0.81	19
528	B	113	36	VS6	-0.93	19
529	B	113	110	04C	0.79	19
530	B	116	43	VS4	0.89	19
531	B	116	45	VS4	0.95	19
532	B	117	40	04C	-0.18	19
533	B	117	90	08C	0.86	19
534	B	119	42	03C	0	19
535	B	119	44	02H	0.84	19
536	B	119	72	DBC	1.1	19
537	B	119	88	08C	0.85	19
538	B	120	43	01C	-0.92	19
539	B	123	52	02C	0.76	19
540	B	125	104	07H	0.94	19
541	B	125	116	VS4	-0.62	19
542	B	126	103	VS4	0.97	19
543	B	127	112	02C	0.73	19
544	B	130	55	02C	0.76	19
545	B	132	81	05H	0.97	19
546	B	134	63	DBH	-1.51	19
547	B	135	76	VS7	-0.83	19
548	B	135	98	VS6	-0.72	19
549	B	136	97	07C	0.58	19
550	B	137	92	07C	0.07	19
551	B	137	92	08C	-1.01	19
552	B	1	164	02C	-0.87	18



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Count	SG	Row	Col	Elev	Offset	Depth
553	B	11	2	02H	0.87	18
554	B	13	4	02H	-0.79	18
555	B	15	154	04H	0.99	18
556	B	21	58	02C	0.82	18
557	B	27	64	DBH	-1.8	18
558	B	34	133	03C	0.68	18
559	B	37	6	03H	0.89	18
560	B	37	160	02H	0.9	18
561	B	38	49	VS4	0.39	18
562	B	39	102	VS4	-0.55	18
563	B	42	39	VS4	0.12	18
564	B	43	132	VS4	0.91	18
565	B	44	23	VS4	1.01	18
566	B	44	41	02C	-0.27	18
567	B	44	45	04C	0.85	18
568	B	45	36	VS4	1.04	18
569	B	45	38	VS4	0.19	18
570	B	45	126	02C	0.74	18
571	B	47	58	VS4	0.95	18
572	B	47	96	VS4	-0.73	18
573	B	48	13	VS4	-0.09	18
574	B	48	107	04C	0.77	18
575	B	49	46	VS4	-0.74	18
576	B	49	158	01C	0.04	18
577	B	51	64	02C	0.91	18
578	B	51	134	03C	-1.03	18
579	B	53	8	01C	0.76	18
580	B	61	28	DBC	1.52	18
581	B	63	136	03C	0.78	18
582	B	66	149	06H	0.87	18
583	B	67	62	03C	0.73	18
584	B	68	93	04C	-0.96	18
585	B	68	143	06H	1.04	18
586	B	71	20	DBC	1.57	18
587	B	71	20	DBH	-1.61	18
588	B	74	23	VS3	-1.03	18
589	B	74	45	VS5	-0.94	18
590	B	74	55	04C	0.83	18
591	B	80	115	VS4	-0.71	18
592	B	83	28	VS6	0.73	18

Count	SG	Row	Col	Elev	Offset	Depth
593	B	84	77	05C	-1.01	18
594	B	90	55	VS2	1.04	18
595	B	91	32	02C	-0.92	18
596	B	95	102	05H	0.86	18
597	B	96	29	VS4	0.9	18
598	B	98	49	VS2	-0.44	18
599	B	100	125	VS2	0.89	18
600	B	100	133	VS4	-0.7	18
601	B	102	51	07C	0.88	18
602	B	102	99	07C	0.81	18
603	B	103	108	VS6	-0.67	18
604	B	103	122	03H	0.85	18
605	B	104	95	VS2	0.07	18
606	B	105	58	VS4	-0.61	18
607	B	105	116	03H	0.9	18
608	B	105	130	VS2	-0.59	18
609	B	106	37	VS2	-0.5	18
610	B	106	75	VS2	1.19	18
611	B	107	40	VS2	0.93	18
612	B	107	120	DBC	1.81	18
613	B	109	78	04C	-1.04	18
614	B	110	97	VS2	-0.54	18
615	B	111	66	07H	0.92	18
616	B	112	43	VS2	1.05	18
617	B	113	44	01H	0.98	18
618	B	113	70	07C	-0.04	18
619	B	113	70	07C	0.74	18
620	B	118	87	VS2	1.09	18
621	B	118	105	VS4	-0.46	18
622	B	119	112	04C	0.78	18
623	B	120	113	VS2	0.82	18
624	B	121	44	01H	0.85	18
625	B	121	114	03C	0.65	18
626	B	124	49	02C	-1.01	18
627	B	124	95	VS2	0.02	18
628	B	126	83	VS1	-0.13	18
629	B	129	64	VS7	-0.64	18
630	B	129	110	02C	0.67	18
631	B	131	82	08H	-0.77	18
632	B	134	69	04H	0.98	18





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Count	SG	Row	Col	Elev	Offset	Depth
633	B	134	95	DBC	1.45	18
634	B	135	72	VS7	-0.88	18
635	B	135	76	08C	0.7	18
636	B	135	80	07H	-0.88	18
637	B	136	69	DBC	1.79	18
638	B	136	95	03C	0.76	18
639	B	136	97	08C	-1.14	18
640	B	136	97	VS7	1	18
641	B	1	160	04H	0.72	17
642	B	2	141	03H	-0.91	17
643	B	13	140	02H	0.84	17
644	B	21	8	03C	-0.95	17
645	B	31	4	02C	-0.93	17
646	B	32	13	03C	0.74	17
647	B	33	12	VS4	1.07	17
648	B	34	161	02C	0.73	17
649	B	35	4	01C	-0.98	17
650	B	35	64	05H	0.92	17
651	B	37	6	02C	-0.18	17
652	B	37	54	02H	0.94	17
653	B	37	156	VS4	-0.81	17
654	B	38	45	02C	0.09	17
655	B	38	127	02C	-0.92	17
656	B	39	8	03C	-1.06	17
657	B	40	5	02C	-1.03	17
658	B	40	117	03C	0.69	17
659	B	40	129	04C	-0.97	17
660	B	41	14	VS4	0.8	17
661	B	41	122	VS4	-0.86	17
662	B	41	128	04C	-1.01	17
663	B	44	19	VS4	0.19	17
664	B	44	29	VS4	-0.7	17
665	B	44	59	VS4	0.93	17
666	B	45	56	03H	0.86	17
667	B	45	140	06C	-0.89	17
668	B	45	140	VS4	-0.87	17
669	B	45	148	06C	-0.82	17
670	B	46	37	VS4	1.18	17
671	B	46	129	VS4	0.98	17
672	B	46	131	VS4	-0.84	17

Count	SG	Row	Col	Elev	Offset	Depth
673	B	46	143	DBC	1.63	17
674	B	47	22	VS4	1.13	17
675	B	47	56	VS4	-0.69	17
676	B	48	111	04C	0.79	17
677	B	49	132	03C	-0.93	17
678	B	50	7	DBH	1.75	17
679	B	52	107	02C	0.81	17
680	B	53	56	03H	0.88	17
681	B	55	114	03C	0.86	17
682	B	55	120	04H	-0.95	17
683	B	56	97	04C	0.82	17
684	B	57	26	06H	0.91	17
685	B	57	62	04H	0.88	17
686	B	59	48	06H	1.03	17
687	B	59	118	03C	-0.92	17
688	B	60	133	03C	-0.97	17
689	B	63	138	03C	0.71	17
690	B	67	134	03C	0.76	17
691	B	68	109	02H	0.96	17
692	B	69	120	03C	0.74	17
693	B	69	128	03C	0.75	17
694	B	70	153	VS4	-0.72	17
695	B	71	38	05H	0.98	17
696	B	71	144	DBC	1.56	17
697	B	72	55	VS3	-0.87	17
698	B	72	63	02C	0.78	17
699	B	73	58	06C	-0.58	17
700	B	74	117	VS3	-0.94	17
701	B	74	141	VS5	-0.86	17
702	B	75	36	VS3	0.8	17
703	B	75	58	02H	-0.77	17
704	B	76	21	VS4	-0.82	17
705	B	76	25	06H	1	17
706	B	76	59	VS3	-0.71	17
707	B	76	151	04C	0.69	17
708	B	77	48	VS4	1.2	17
709	B	77	116	04H	-0.85	17
710	B	77	150	VS4	-0.69	17
711	B	78	47	02C	0.83	17
712	B	80	97	VS3	-0.04	17



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Count	SG	Row	Col	Elev	Offset	Depth
713	B	80	149	01H	-0.7	17
714	B	81	60	03C	0.76	17
715	B	81	112	02H	0.93	17
716	B	82	143	VS4	-0.73	17
717	B	85	78	05H	1.02	17
718	B	85	110	04C	0.74	17
719	B	86	51	03C	0.78	17
720	B	88	107	04C	-0.91	17
721	B	89	92	04C	0.4	17
722	B	90	65	03C	0.74	17
723	B	91	58	03C	0.82	17
724	B	91	88	04H	-0.73	17
725	B	93	112	VS6	0.73	17
726	B	95	36	VS4	-0.79	17
727	B	95	70	VS6	-0.8	17
728	B	95	116	VS2	-1	17
729	B	95	140	03C	-1	17
730	B	96	137	VS4	-0.13	17
731	B	97	60	06C	0.69	17
732	B	97	72	04H	0.96	17
733	B	98	41	VS2	1.02	17
734	B	100	29	VS6	-0.76	17
735	B	101	28	VS4	-0.7	17
736	B	101	98	04C	-1.07	17
737	B	103	62	03C	0.78	17
738	B	103	130	VS2	0	17
739	B	104	95	VS2	-0.63	17
740	B	105	30	VS4	0.25	17
741	B	105	58	VS4	0.14	17
742	B	105	90	VS2	0.96	17
743	B	105	90	VS4	1.19	17
744	B	106	35	04H	0.93	17
745	B	107	32	VS4	-0.59	17
746	B	107	78	VS2	-0.88	17
747	B	108	37	02C	0.76	17
748	B	109	130	03C	0.84	17
749	B	110	131	02C	-1.01	17
750	B	110	131	02C	0.77	17
751	B	112	53	VS2	-0.85	17
752	B	113	36	VS2	0.93	17

Count	SG	Row	Col	Elev	Offset	Depth
753	B	113	40	VS4	-0.82	17
754	B	115	86	03H	0.86	17
755	B	116	103	05C	0.8	17
756	B	117	68	05H	0.99	17
757	B	118	43	VS4	0.98	17
758	B	118	43	VS6	0	17
759	B	118	117	04C	-0.18	17
760	B	119	44	01C	0.74	17
761	B	121	114	VS4	-0.81	17
762	B	124	95	VS4	-0.81	17
763	B	125	48	VS6	0.91	17
764	B	125	100	08C	0.8	17
765	B	126	61	VS1	0.92	17
766	B	126	99	08C	0.75	17
767	B	127	114	01H	-0.83	17
768	B	128	53	01H	-0.11	17
769	B	131	102	05C	0.76	17
770	B	132	97	VS2	-0.57	17
771	B	133	74	03H	0.8	17
772	B	134	63	07C	0.76	17
773	B	137	80	08H	0.94	17
774	B	137	90	VS4	0.25	17
775	B	137	90	VS6	-0.61	17
776	B	138	89	07C	0.72	17
777	B	138	89	VS7	-0.88	17
778	B	1	150	01C	-0.61	16
779	B	1	158	02C	0.72	16
780	B	3	6	02C	0.79	16
781	B	7	2	05H	0.9	16
782	B	7	140	04C	0.69	16
783	B	12	3	03C	-0.94	16
784	B	13	6	03C	0.78	16
785	B	15	164	02H	0.91	16
786	B	30	115	02H	0.88	16
787	B	31	14	05H	-0.94	16
788	B	33	4	01C	-1.02	16
789	B	34	11	VS4	1.13	16
790	B	35	52	05C	0.87	16
791	B	35	52	DBC	1.42	16
792	B	36	41	03H	-0.79	16



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Count	SG	Row	Col	Elev	Offset	Depth
793	B	36	51	VS4	0.93	16
794	B	36	149	VS4	-0.74	16
795	B	37	48	02H	-0.81	16
796	B	37	54	04C	0.8	16
797	B	38	9	03C	-1	16
798	B	38	13	VS4	0.87	16
799	B	38	125	VS4	-0.82	16
800	B	38	131	VS4	-0.84	16
801	B	39	102	VS4	0.88	16
802	B	39	122	02C	-0.93	16
803	B	39	122	VS4	0.81	16
804	B	40	31	03H	0.93	16
805	B	40	31	VS4	0.83	16
806	B	41	134	03C	0.76	16
807	B	42	37	VS4	-0.02	16
808	B	43	42	05C	0.8	16
809	B	43	134	03C	-1.03	16
810	B	44	45	03C	0.78	16
811	B	44	131	03C	0.71	16
812	B	44	159	01H	-0.92	16
813	B	45	48	VS4	-0.92	16
814	B	45	118	06H	0	16
815	B	45	130	VS4	1.11	16
816	B	45	132	VS4	1.06	16
817	B	45	148	VS4	1.06	16
818	B	46	103	04C	0.78	16
819	B	47	12	VS4	-0.67	16
820	B	47	116	04C	-0.97	16
821	B	48	99	03C	0.73	16
822	B	48	129	03C	-0.22	16
823	B	50	9	01C	-0.95	16
824	B	50	63	DBH	-1.46	16
825	B	50	127	03C	-0.92	16
826	B	51	72	VS3	-0.85	16
827	B	53	132	02C	0.95	16
828	B	54	17	VS3	0.97	16
829	B	57	16	06H	-0.09	16
830	B	57	90	03C	0.64	16
831	B	59	120	04H	-0.68	16
832	B	59	122	03C	-0.25	16

Count	SG	Row	Col	Elev	Offset	Depth
833	B	63	70	04H	0.93	16
834	B	63	110	03H	-0.09	16
835	B	63	136	VS5	1.03	16
836	B	66	17	06H	0.9	16
837	B	66	39	VS5	-0.95	16
838	B	67	76	02H	-0.76	16
839	B	67	128	06H	0.19	16
840	B	67	148	DBH	1.68	16
841	B	68	21	VS5	-0.87	16
842	B	68	113	03H	0.86	16
843	B	69	28	06C	0.78	16
844	B	69	52	VS5	-0.85	16
845	B	69	72	06C	-0.96	16
846	B	69	110	03C	0.77	16
847	B	69	134	VS3	-0.62	16
848	B	70	129	06C	-0.94	16
849	B	70	147	VS3	-0.78	16
850	B	71	52	03C	0.81	16
851	B	71	102	05C	0.69	16
852	B	72	23	VS3	0.75	16
853	B	72	61	02C	0.74	16
854	B	74	23	VS4	-0.71	16
855	B	74	119	04H	0.89	16
856	B	75	16	06H	0.96	16
857	B	75	24	VS3	0.14	16
858	B	75	60	03C	0.8	16
859	B	76	21	VS3	0.96	16
860	B	76	59	05H	0.95	16
861	B	77	86	02C	0.8	16
862	B	78	91	07H	1.47	16
863	B	78	109	03H	0.95	16
864	B	80	49	VS4	-0.77	16
865	B	81	24	VS3	-0.74	16
866	B	81	148	04C	0.75	16
867	B	81	148	VS4	1.06	16
868	B	82	145	VS4	-0.91	16
869	B	83	106	03H	0.95	16
870	B	84	145	03C	-0.93	16
871	B	86	79	04H	1.02	16
872	B	86	89	03C	0.68	16



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Count	SG	Row	Col	Elev	Offset	Depth
873	B	87	82	03H	0.94	16
874	B	87	146	VS4	1.15	16
875	B	89	60	04C	-0.94	16
876	B	89	78	07C	0.84	16
877	B	89	82	07C	0.73	16
878	B	89	84	03H	0.9	16
879	B	91	94	06C	-0.83	16
880	B	92	57	04H	0.9	16
881	B	93	132	04H	0.87	16
882	B	94	93	04C	-0.2	16
883	B	94	115	04C	-0.98	16
884	B	95	126	04H	0.89	16
885	B	95	136	03C	-0.29	16
886	B	96	95	VS2	0.22	16
887	B	96	137	04C	-0.22	16
888	B	97	26	VS4	-0.54	16
889	B	97	84	07C	-0.98	16
890	B	98	79	03C	0.83	16
891	B	98	139	03C	-0.97	16
892	B	100	121	06C	0.8	16
893	B	101	136	03H	0.87	16
894	B	102	41	06H	0.97	16
895	B	103	36	07C	0.94	16
896	B	103	48	VS4	-0.76	16
897	B	103	126	VS4	-0.56	16
898	B	103	128	04C	0.81	16
899	B	104	79	VS6	-0.82	16
900	B	105	76	VS2	1.11	16
901	B	105	90	03C	0.38	16
902	B	107	52	07C	0.79	16
903	B	107	52	VS6	-0.57	16
904	B	107	82	VS4	0.16	16
905	B	108	37	04C	-1.03	16
906	B	108	43	VS4	-0.89	16
907	B	108	45	07C	0.83	16
908	B	108	131	03C	0.02	16
909	B	109	52	VS6	0.96	16
910	B	110	131	03C	-1.06	16
911	B	112	43	VS4	-0.7	16
912	B	112	53	VS2	0.93	16

Count	SG	Row	Col	Elev	Offset	Depth
913	B	113	40	04H	-0.02	16
914	B	113	42	VS4	1.04	16
915	B	114	37	04C	0.85	16
916	B	115	38	VS4	-0.63	16
917	B	115	84	03H	-0.72	16
918	B	115	124	05C	-0.95	16
919	B	116	47	VS4	0.87	16
920	B	116	77	VS2	0.63	16
921	B	116	81	07C	-0.92	16
922	B	116	117	03C	-0.26	16
923	B	116	125	04C	0.68	16
924	B	117	40	02C	0.85	16
925	B	117	48	03C	-1.01	16
926	B	119	42	02H	0.96	16
927	B	119	112	03C	0.84	16
928	B	122	71	05H	0.94	16
929	B	123	72	VS7	0.68	16
930	B	125	48	VS4	0.89	16
931	B	125	116	03H	0.83	16
932	B	127	102	07C	-0.29	16
933	B	128	73	VS4	1.08	16
934	B	129	104	07C	-0.25	16
935	B	130	65	VS4	0.67	16
936	B	131	78	VS6	-0.76	16
937	B	131	104	DBC	1.74	16
938	B	133	102	VS7	-0.78	16
939	B	134	97	VS6	0.93	16
940	B	136	87	08C	-1.07	16
941	B	137	74	06H	0.82	16
942	B	137	90	DBC	1.72	16
943	B	137	90	VS4	0.88	16
944	B	2	143	02C	0.8	15
945	B	8	3	03C	-0.19	15
946	B	9	140	03C	0.77	15
947	B	10	133	02C	0.82	15
948	B	22	11	02C	0.79	15
949	B	24	7	DBH	1.66	15
950	B	27	64	05H	0	15
951	B	30	7	03C	0.7	15
952	B	30	9	02C	0.75	15



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Count	SG	Row	Col	Elev	Offset	Depth
953	B	30	45	VS4	1.09	15
954	B	31	4	03C	-0.97	15
955	B	31	50	03C	0.78	15
956	B	32	5	04H	0.92	15
957	B	32	157	DBH	1.88	15
958	B	33	160	02C	-0.96	15
959	B	33	162	02C	-1.04	15
960	B	34	11	DBC	-1.16	15
961	B	34	103	04H	-0.83	15
962	B	34	113	01C	0.75	15
963	B	36	113	03C	0.71	15
964	B	37	6	01H	-0.75	15
965	B	37	6	02C	-0.96	15
966	B	38	39	02H	0.87	15
967	B	38	127	04C	0.07	15
968	B	38	133	VS4	-0.68	15
969	B	39	50	VS4	-0.57	15
970	B	40	33	VS4	0.23	15
971	B	40	51	01H	0.85	15
972	B	40	143	05H	0.91	15
973	B	41	48	03H	0.9	15
974	B	41	56	02H	0.95	15
975	B	41	132	04C	-0.04	15
976	B	42	133	02H	-0.84	15
977	B	43	6	02C	-0.9	15
978	B	44	53	VS4	-0.64	15
979	B	45	128	03H	-0.81	15
980	B	46	25	VS4	-0.52	15
981	B	46	69	DBH	-1.59	15
982	B	47	102	VS4	-0.86	15
983	B	47	132	VS4	1	15
984	B	47	140	VS4	1.04	15
985	B	49	26	03H	1.01	15
986	B	49	106	VS4	0.02	15
987	B	50	159	01C	0.83	15
988	B	51	58	03H	0.92	15
989	B	54	117	02C	0.81	15
990	B	55	32	VS3	-0.7	15
991	B	55	60	04H	0.93	15
992	B	55	78	01C	0.8	15

Count	SG	Row	Col	Elev	Offset	Depth
993	B	56	145	04C	-1	15
994	B	57	80	03C	0.77	15
995	B	57	148	04C	0.82	15
996	B	58	27	05H	0.89	15
997	B	59	66	02H	-0.79	15
998	B	61	142	03C	0.81	15
999	B	62	17	VS4	-0.63	15
1000	B	62	17	VS5	0.9	15
1001	B	62	23	VS5	0.94	15
1002	B	64	147	DBH	1.83	15
1003	B	66	35	06C	0.75	15
1004	B	67	36	06H	0.93	15
1005	B	69	16	VS3	-0.58	15
1006	B	69	28	06H	-0.85	15
1007	B	69	28	06H	-0.02	15
1008	B	69	52	VS5	0.9	15
1009	B	69	106	06H	-0.75	15
1010	B	69	120	03C	-0.02	15
1011	B	69	136	VS5	0.97	15
1012	B	71	14	02H	-0.8	15
1013	B	71	36	VS5	-0.7	15
1014	B	71	86	02C	-0.95	15
1015	B	71	146	06H	0.13	15
1016	B	72	59	04C	0.78	15
1017	B	72	85	05C	0.76	15
1018	B	74	17	VS3	0.97	15
1019	B	74	43	VS3	-0.91	15
1020	B	75	24	DBC	-1.59	15
1021	B	75	102	04H	0.97	15
1022	B	77	150	DBH	1.2	15
1023	B	78	35	DBH	-1.37	15
1024	B	80	49	VS3	-0.82	15
1025	B	80	95	03H	1.09	15
1026	B	81	126	07C	0.79	15
1027	B	82	43	VS4	-0.09	15
1028	B	83	64	03C	0.82	15
1029	B	84	81	VS5	-0.95	15
1030	B	84	93	02C	-1.02	15
1031	B	84	107	02H	-0.77	15
1032	B	85	144	03C	-0.98	15





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Count	SG	Row	Col	Elev	Offset	Depth
1033	B	87	84	02C	0.76	15
1034	B	88	29	06H	1	15
1035	B	89	44	VS6	-0.9	15
1036	B	89	100	03H	0.85	15
1037	B	90	95	04C	0.8	15
1038	B	90	97	04C	0.8	15
1039	B	91	38	03H	-0.78	15
1040	B	92	49	05H	0.86	15
1041	B	92	97	04C	0.8	15
1042	B	94	37	VS2	-0.59	15
1043	B	94	101	06H	-0.77	15
1044	B	95	24	VS4	-0.07	15
1045	B	95	134	VS2	0.13	15
1046	B	96	71	04H	-0.88	15
1047	B	97	40	VS2	-0.85	15
1048	B	98	71	VS2	1.04	15
1049	B	99	32	02C	0.7	15
1050	B	99	132	VS4	1.09	15
1051	B	101	30	03C	0.85	15
1052	B	103	36	07H	0.99	15
1053	B	103	132	VS2	0	15
1054	B	104	59	VS4	1	15
1055	B	104	59	VS6	-0.84	15
1056	B	105	90	07C	0.9	15
1057	B	106	51	07C	0.75	15
1058	B	107	44	06C	-0.24	15
1059	B	108	51	VS2	0.99	15
1060	B	109	96	VS2	-0.88	15
1061	B	109	114	VS2	-0.8	15
1062	B	110	37	04C	-0.98	15
1063	B	111	130	02H	0.17	15
1064	B	112	59	VS2	0.89	15
1065	B	112	71	VS2	-0.73	15
1066	B	113	36	VS2	-0.62	15
1067	B	114	39	02C	0.79	15
1068	B	115	38	02C	0.78	15
1069	B	116	45	06H	0.93	15
1070	B	118	73	VS7	-0.81	15
1071	B	118	89	VS4	0.77	15
1072	B	119	104	VS1	-0.64	15

Count	SG	Row	Col	Elev	Offset	Depth
1073	B	120	45	02C	0.78	15
1074	B	120	103	07H	0.89	15
1075	B	122	71	VS2	-0.7	15
1076	B	124	51	VS4	0.56	15
1077	B	124	57	VS7	-0.82	15
1078	B	125	94	VS2	-0.15	15
1079	B	126	109	04H	0.95	15
1080	B	132	61	01H	0.99	15
1081	B	134	97	VS6	-0.81	15
1082	B	134	99	VS6	-0.74	15
1083	B	136	97	08C	0	15
1084	B	138	81	08C	-1.14	15
1085	B	138	85	08H	0.8	15
1086	B	1	36	03C	0.79	14
1087	B	3	6	02C	-0.97	14
1088	B	5	138	02H	-0.98	14
1089	B	17	36	04H	-0.82	14
1090	B	18	5	03C	-0.21	14
1091	B	21	4	03C	0.79	14
1092	B	21	64	DBC	-1.81	14
1093	B	30	51	02H	0.82	14
1094	B	32	45	02H	0.83	14
1095	B	32	45	03H	0.9	14
1096	B	32	151	VS4	1.1	14
1097	B	33	32	04H	1	14
1098	B	33	52	03C	0.76	14
1099	B	34	117	04C	0.72	14
1100	B	35	6	05C	-0.2	14
1101	B	35	46	03H	-0.83	14
1102	B	35	46	03H	0.86	14
1103	B	36	119	03C	-0.99	14
1104	B	38	5	02C	-0.95	14
1105	B	38	53	VS4	0.81	14
1106	B	38	145	VS4	-0.75	14
1107	B	39	10	03C	0.69	14
1108	B	39	22	DBC	1.52	14
1109	B	39	52	03H	-0.84	14
1110	B	39	160	02H	0.86	14
1111	B	40	39	04H	-0.82	14
1112	B	41	6	01C	-0.93	14



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Count	SG	Row	Col	Elev	Offset	Depth
1113	B	41	28	05H	0.9	14
1114	B	42	51	VS4	-0.11	14
1115	B	44	27	DBC	-1.4	14
1116	B	44	101	04C	0.73	14
1117	B	44	131	VS4	0.9	14
1118	B	45	34	VS4	1.08	14
1119	B	46	7	06C	1.09	14
1120	B	46	37	VS4	-0.72	14
1121	B	46	125	02C	-0.97	14
1122	B	47	46	VS4	0.98	14
1123	B	48	7	01H	0.89	14
1124	B	48	67	VS4	0.28	14
1125	B	48	123	VS4	1.02	14
1126	B	48	139	03H	0.97	14
1127	B	49	34	VS4	-0.94	14
1128	B	52	25	02H	0.9	14
1129	B	53	128	03C	0.71	14
1130	B	54	71	02H	0.99	14
1131	B	54	143	VS3	-0.74	14
1132	B	55	126	03C	0.04	14
1133	B	56	85	02C	-0.91	14
1134	B	58	63	04H	0.73	14
1135	B	61	12	06H	-0.13	14
1136	B	61	62	03H	-0.7	14
1137	B	61	68	02H	-0.78	14
1138	B	61	102	05C	-0.2	14
1139	B	64	37	06H	-0.07	14
1140	B	64	51	VS5	0.85	14
1141	B	66	51	06H	0.94	14
1142	B	66	153	VS3	0.58	14
1143	B	67	56	03C	0.76	14
1144	B	67	148	VS3	0.99	14
1145	B	68	85	02C	-0.92	14
1146	B	69	124	03C	-0.95	14
1147	B	70	51	03C	0.78	14
1148	B	70	75	03H	0	14
1149	B	71	86	VS5	-0.87	14
1150	B	71	132	VS5	0.99	14
1151	B	72	47	03C	-1.03	14
1152	B	72	57	03C	-0.94	14

Count	SG	Row	Col	Elev	Offset	Depth
1153	B	74	23	DBC	1.46	14
1154	B	74	119	03H	0.92	14
1155	B	74	127	DBH	-1.47	14
1156	B	75	16	02H	0.9	14
1157	B	76	127	DBH	-1.62	14
1158	B	77	34	VS3	0.14	14
1159	B	78	79	VS4	1.09	14
1160	B	78	87	03C	-0.94	14
1161	B	79	24	VS3	-0.73	14
1162	B	79	24	VS3	1.12	14
1163	B	79	52	02C	-0.25	14
1164	B	79	86	03H	0.88	14
1165	B	79	128	03C	0.76	14
1166	B	80	95	02H	0.98	14
1167	B	80	145	VS5	-0.92	14
1168	B	81	24	VS3	1.09	14
1169	B	81	92	02C	-0.93	14
1170	B	82	21	VS5	-0.81	14
1171	B	82	137	DBH	1.71	14
1172	B	83	54	04H	0.96	14
1173	B	84	125	04H	-0.81	14
1174	B	85	20	VS4	1.13	14
1175	B	85	36	04H	-0.82	14
1176	B	86	111	04C	-0.93	14
1177	B	87	38	VS6	-0.86	14
1178	B	91	54	02C	0.86	14
1179	B	91	86	VS6	0.85	14
1180	B	92	31	VS2	-0.8	14
1181	B	93	62	02C	0.78	14
1182	B	93	62	03C	0.78	14
1183	B	94	129	04H	0.92	14
1184	B	94	131	03C	-0.9	14
1185	B	95	24	VS4	0.82	14
1186	B	95	104	03C	0.02	14
1187	B	96	57	02H	0.9	14
1188	B	97	140	VS4	-0.81	14
1189	B	98	139	04H	0	14
1190	B	101	28	VS4	0.02	14
1191	B	102	127	VS4	0.93	14
1192	B	102	137	VS4	-0.75	14





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Count	SG	Row	Col	Elev	Offset	Depth
1193	B	103	100	07C	0.81	14
1194	B	105	32	VS4	1.19	14
1195	B	105	78	VS2	1.06	14
1196	B	105	96	04C	-1.05	14
1197	B	105	110	DBH	0.61	14
1198	B	106	35	02C	-0.16	14
1199	B	106	35	03C	0.85	14
1200	B	106	35	03H	0.9	14
1201	B	106	129	04C	0.8	14
1202	B	107	46	VS6	0.91	14
1203	B	107	132	04C	0.78	14
1204	B	108	33	DBH	-1.26	14
1205	B	108	49	05H	0.95	14
1206	B	109	64	08C	-0.87	14
1207	B	111	56	08H	0.16	14
1208	B	112	47	VS2	0.91	14
1209	B	112	59	VS2	0.24	14
1210	B	114	129	VS4	-0.75	14
1211	B	115	126	03C	0.83	14
1212	B	116	55	VS2	-0.85	14
1213	B	116	81	07C	-0.25	14
1214	B	116	111	05H	-0.88	14
1215	B	116	117	03C	-1.01	14
1216	B	116	125	04C	-0.11	14
1217	B	117	44	02C	0.74	14
1218	B	118	41	02H	0.9	14
1219	B	118	41	03C	-0.22	14
1220	B	118	73	VS6	-0.88	14
1221	B	118	97	VS2	-0.81	14
1222	B	120	61	08C	0.79	14
1223	B	124	73	VS2	0.78	14
1224	B	124	85	VS4	-0.34	14
1225	B	124	87	VS4	1	14
1226	B	126	55	02C	0.76	14
1227	B	127	114	02C	0.79	14
1228	B	131	98	DBC	1.64	14
1229	B	131	102	04C	0.77	14
1230	B	131	108	07H	-1.1	14
1231	B	132	97	VS4	-0.87	14
1232	B	132	101	06C	-0.25	14

Count	SG	Row	Col	Elev	Offset	Depth
1233	B	133	104	DBC	1.63	14
1234	B	135	96	04C	0.78	14
1235	B	138	79	03H	0.94	14
1236	B	138	89	VS6	0.79	14
1237	B	1	160	03C	-0.11	13
1238	B	13	2	04C	-0.13	13
1239	B	24	53	02C	0.95	13
1240	B	25	40	04H	-0.79	13
1241	B	30	57	03C	-0.94	13
1242	B	33	54	03C	-1	13
1243	B	33	162	03C	0.76	13
1244	B	34	43	03H	0.95	13
1245	B	35	46	03C	0.76	13
1246	B	36	149	VS4	0.27	13
1247	B	37	50	02H	-0.84	13
1248	B	38	51	VS4	-0.67	13
1249	B	38	53	03H	-0.73	13
1250	B	38	115	04C	0.72	13
1251	B	38	147	VS4	1.15	13
1252	B	40	55	03H	-0.76	13
1253	B	40	123	03C	-0.99	13
1254	B	41	6	01C	0.74	13
1255	B	41	12	VS4	-0.79	13
1256	B	41	36	03H	-0.47	13
1257	B	41	48	VS4	-0.77	13
1258	B	42	47	03H	-0.82	13
1259	B	43	8	03C	0.75	13
1260	B	44	57	VS4	0.19	13
1261	B	44	99	DBH	1.8	13
1262	B	45	64	DBC	-1.69	13
1263	B	45	66	VS4	0.02	13
1264	B	45	66	VS4	0.76	13
1265	B	46	33	VS4	0.14	13
1266	B	46	59	03C	0.79	13
1267	B	47	114	06C	0.78	13
1268	B	47	148	04C	0.78	13
1269	B	48	67	VS4	0.99	13
1270	B	49	56	03H	-0.91	13
1271	B	51	36	03C	-0.95	13
1272	B	52	65	03C	0.76	13



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Count	SG	Row	Col	Elev	Offset	Depth
1273	B	53	60	04H	1.03	13
1274	B	53	118	02C	-0.29	13
1275	B	57	120	04C	0	13
1276	B	58	47	03C	-1.05	13
1277	B	58	117	06C	0.81	13
1278	B	59	88	03C	0.83	13
1279	B	59	116	03C	0.81	13
1280	B	60	119	03C	0.64	13
1281	B	61	120	02C	-0.86	13
1282	B	62	155	01H	0.88	13
1283	B	65	122	06C	0.76	13
1284	B	66	29	06C	-0.96	13
1285	B	66	41	VS3	-0.7	13
1286	B	66	107	02H	-0.83	13
1287	B	66	143	VS5	0.9	13
1288	B	67	108	03H	0.93	13
1289	B	68	17	04H	0.92	13
1290	B	68	93	04C	-0.09	13
1291	B	69	36	DBC	1.52	13
1292	B	69	140	VS3	1.08	13
1293	B	70	45	03H	0.93	13
1294	B	71	136	06C	-0.14	13
1295	B	71	142	DBC	1.5	13
1296	B	73	40	05H	0.96	13
1297	B	73	86	02C	-0.98	13
1298	B	73	106	03H	0.95	13
1299	B	74	19	DBC	-1.48	13
1300	B	74	19	VS4	-0.72	13
1301	B	74	37	06H	0.95	13
1302	B	75	106	02H	-0.85	13
1303	B	76	41	03C	-0.16	13
1304	B	76	41	05C	-0.98	13
1305	B	78	23	VS5	1.11	13
1306	B	78	105	02H	-0.82	13
1307	B	82	43	VS5	0.75	13
1308	B	84	87	03H	0.88	13
1309	B	85	140	04C	0.64	13
1310	B	87	62	04C	-0.96	13
1311	B	89	104	04C	-1.02	13
1312	B	90	127	04H	-0.89	13

Count	SG	Row	Col	Elev	Offset	Depth
1313	B	92	23	VS4	0.8	13
1314	B	92	55	03C	0.78	13
1315	B	92	105	04C	-0.94	13
1316	B	94	111	VS6	-0.76	13
1317	B	96	25	02H	-0.92	13
1318	B	96	79	VS2	0.72	13
1319	B	96	137	03C	0.78	13
1320	B	97	42	VS2	-0.99	13
1321	B	98	27	VS4	-0.74	13
1322	B	98	27	VS4	1.04	13
1323	B	98	39	VS4	0.74	13
1324	B	98	133	02C	0.79	13
1325	B	99	52	03C	0.76	13
1326	B	102	49	VS2	0.93	13
1327	B	104	33	03H	0.19	13
1328	B	105	40	03C	-1.14	13
1329	B	105	88	07C	-0.95	13
1330	B	106	63	VS4	-0.79	13
1331	B	106	101	VS2	-0.61	13
1332	B	107	34	VS6	-0.69	13
1333	B	107	42	VS6	0.92	13
1334	B	107	132	02C	0.77	13
1335	B	107	132	07C	0.71	13
1336	B	110	41	02C	0.02	13
1337	B	110	51	05H	0.9	13
1338	B	111	84	04H	-0.75	13
1339	B	111	128	03H	-0.72	13
1340	B	112	45	03H	0.91	13
1341	B	113	38	VS4	-0.7	13
1342	B	113	122	03C	-0.99	13
1343	B	115	126	03C	-0.88	13
1344	B	117	40	02C	-0.25	13
1345	B	123	116	03C	0.71	13
1346	B	124	47	01C	-0.2	13
1347	B	124	97	06C	0.86	13
1348	B	124	117	06C	0.78	13
1349	B	128	99	07C	0.81	13
1350	B	130	79	VS2	-0.81	13
1351	B	133	76	07C	0.87	13
1352	B	135	76	06H	0.93	13



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Count	SG	Row	Col	Elev	Offset	Depth
1353	B	136	77	03H	0.9	13
1354	B	138	87	VS1	0.93	13
1355	B	1	124	02C	0.69	12
1356	B	1	160	04H	-0.22	12
1357	B	14	37	DBH	2.03	12
1358	B	14	159	02H	-0.77	12
1359	B	23	106	VS4	-0.84	12
1360	B	25	6	02C	-0.89	12
1361	B	25	36	04H	-0.77	12
1362	B	27	64	VS4	-0.13	12
1363	B	30	53	02C	0.79	12
1364	B	34	47	03H	-0.8	12
1365	B	35	36	03H	1	12
1366	B	35	56	03H	-0.82	12
1367	B	36	5	03C	-0.04	12
1368	B	36	161	02H	0.96	12
1369	B	37	32	03H	0.76	12
1370	B	37	150	05H	0.92	12
1371	B	38	51	02C	0.81	12
1372	B	38	125	VS4	0.14	12
1373	B	39	6	02C	-0.2	12
1374	B	39	10	03C	-0.99	12
1375	B	39	108	DBH	-1.72	12
1376	B	43	6	05H	-0.11	12
1377	B	44	29	VS4	0.74	12
1378	B	44	33	VS4	0.19	12
1379	B	44	33	VS4	0.92	12
1380	B	45	38	VS4	-0.6	12
1381	B	46	21	VS4	1.01	12
1382	B	46	33	DBC	-1.74	12
1383	B	46	37	DBC	-1.53	12
1384	B	47	132	VS4	-0.78	12
1385	B	48	125	03C	0.8	12
1386	B	49	122	04C	0.8	12
1387	B	51	36	03C	0.74	12
1388	B	51	58	01H	0.92	12
1389	B	54	17	VS3	-0.73	12
1390	B	55	96	01C	0.88	12
1391	B	56	59	04H	0.94	12
1392	B	57	90	03C	-1.02	12

Count	SG	Row	Col	Elev	Offset	Depth
1393	B	57	142	VS3	0.87	12
1394	B	57	144	04C	0.72	12
1395	B	58	57	06C	0.59	12
1396	B	58	59	02H	0	12
1397	B	59	70	03H	-0.83	12
1398	B	59	120	03C	-0.97	12
1399	B	62	47	03C	0.83	12
1400	B	62	107	02C	-0.96	12
1401	B	62	111	03H	0.11	12
1402	B	62	155	01H	-0.73	12
1403	B	62	155	01H	-0.09	12
1404	B	63	126	VS3	1.06	12
1405	B	64	103	04C	0.83	12
1406	B	65	16	06H	-0.13	12
1407	B	66	41	VS4	-0.66	12
1408	B	66	51	04C	-0.25	12
1409	B	66	51	06C	0.8	12
1410	B	66	125	02C	0.73	12
1411	B	67	56	02C	0.87	12
1412	B	67	56	04H	-0.81	12
1413	B	67	62	02C	-0.22	12
1414	B	67	104	03H	0.98	12
1415	B	68	45	DBC	-1.45	12
1416	B	70	107	02H	-0.77	12
1417	B	71	36	06C	0.82	12
1418	B	71	36	DBC	1.74	12
1419	B	71	42	04H	-0.77	12
1420	B	71	58	02C	-0.22	12
1421	B	72	113	02H	-0.78	12
1422	B	74	37	04C	-0.96	12
1423	B	74	107	04H	-0.83	12
1424	B	76	29	VS3	-0.91	12
1425	B	77	50	05H	-0.75	12
1426	B	77	86	02C	-1.06	12
1427	B	78	81	03H	0.99	12
1428	B	78	109	02H	-0.86	12
1429	B	81	148	VS4	-0.92	12
1430	B	82	43	VS3	-0.85	12
1431	B	82	91	04C	-0.85	12
1432	B	83	20	DBH	1.8	12



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Count	SG	Row	Col	Elev	Offset	Depth
1433	B	84	79	03H	0.95	12
1434	B	88	87	05C	0.82	12
1435	B	89	38	VS2	-0.89	12
1436	B	89	42	VS6	0.96	12
1437	B	89	104	04H	0.87	12
1438	B	90	23	VS4	-0.82	12
1439	B	90	115	03H	-0.85	12
1440	B	92	23	03H	-0.76	12
1441	B	92	73	VS2	0.93	12
1442	B	97	38	05H	0.96	12
1443	B	98	41	VS2	-0.7	12
1444	B	101	30	03H	-0.88	12
1445	B	101	36	05H	0.95	12
1446	B	103	48	07C	0.11	12
1447	B	105	32	01H	0.97	12
1448	B	105	42	07C	0.76	12
1449	B	105	118	DBH	1.89	12
1450	B	106	49	04H	-0.07	12
1451	B	106	51	VS2	1.08	12
1452	B	109	48	VS4	-0.72	12
1453	B	109	130	04C	0.67	12
1454	B	112	39	02H	0.9	12
1455	B	112	45	VS2	-0.72	12
1456	B	113	42	03C	-0.2	12
1457	B	113	84	02H	-0.78	12
1458	B	116	45	VS2	0.09	12
1459	B	117	40	05C	0.74	12
1460	B	120	49	03C	-0.9	12
1461	B	123	72	VS4	-0.67	12
1462	B	123	116	04C	0.73	12
1463	B	124	85	VS2	0.21	12
1464	B	124	105	06C	0.76	12
1465	B	125	78	03H	-0.75	12
1466	B	127	104	06C	0.71	12
1467	B	132	91	DBC	1.72	12
1468	B	132	97	VS1	0.92	12
1469	B	134	99	VS4	-0.75	12
1470	B	31	4	03C	0.09	11
1471	B	32	109	04C	0.71	11
1472	B	34	59	03H	-0.83	11

Count	SG	Row	Col	Elev	Offset	Depth
1473	B	36	49	04H	0.85	11
1474	B	36	51	VS4	-0.66	11
1475	B	36	161	04C	-0.22	11
1476	B	38	49	02H	-0.8	11
1477	B	39	8	03C	0.75	11
1478	B	40	115	03C	0.72	11
1479	B	40	115	04C	0.77	11
1480	B	45	114	03C	0.84	11
1481	B	46	131	VS4	0.36	11
1482	B	48	159	01H	-0.88	11
1483	B	49	144	02H	0.88	11
1484	B	53	120	04C	0.67	11
1485	B	55	56	03H	1.01	11
1486	B	57	142	04C	0.77	11
1487	B	61	124	02C	0.77	11
1488	B	62	53	06H	1.07	11
1489	B	65	32	VS3	-0.72	11
1490	B	65	118	02C	0.71	11
1491	B	65	122	02C	0.78	11
1492	B	66	31	06C	0.83	11
1493	B	66	41	VS3	-0.19	11
1494	B	66	45	06C	0.72	11
1495	B	66	97	01C	0.69	11
1496	B	66	107	02C	-0.98	11
1497	B	67	46	DBC	1.76	11
1498	B	67	78	03H	0.92	11
1499	B	68	113	04H	-0.75	11
1500	B	69	140	VS4	1.05	11
1501	B	70	31	06C	0.78	11
1502	B	70	143	DBC	1.38	11
1503	B	71	46	04H	-0.79	11
1504	B	71	52	02C	-0.9	11
1505	B	72	113	04H	0.94	11
1506	B	73	14	VS4	-0.97	11
1507	B	73	20	VS5	0.85	11
1508	B	74	21	VS3	0.96	11
1509	B	74	37	DBC	1.64	11
1510	B	74	51	03C	-0.92	11
1511	B	74	53	VS3	-0.81	11
1512	B	76	113	04H	0.11	11



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Count	SG	Row	Col	Elev	Offset	Depth
1513	B	78	109	03H	0.22	11
1514	B	79	44	03C	0.78	11
1515	B	79	54	03C	0.76	11
1516	B	82	19	VS4	1.07	11
1517	B	82	43	VS4	-0.88	11
1518	B	82	129	DBH	1.75	11
1519	B	85	20	VS4	-0.82	11
1520	B	89	104	05C	-0.98	11
1521	B	90	87	02C	-0.98	11
1522	B	90	87	02C	-0.2	11
1523	B	92	75	05H	0.99	11
1524	B	93	98	04C	-0.93	11
1525	B	93	104	04H	-0.74	11
1526	B	94	93	04C	-0.96	11
1527	B	99	132	VS2	-0.11	11
1528	B	100	27	VS4	0.95	11
1529	B	104	117	05C	0.84	11
1530	B	105	36	04H	-0.13	11
1531	B	105	78	VS2	-0.22	11
1532	B	109	84	04H	-0.11	11
1533	B	110	37	03C	-0.98	11
1534	B	110	55	VS2	0.92	11
1535	B	113	42	05H	-0.04	11
1536	B	116	97	04C	-0.29	11
1537	B	118	101	08C	0.86	11
1538	B	118	123	02C	0.81	11
1539	B	119	112	03C	-0.89	11
1540	B	120	47	03C	-1.01	11
1541	B	124	47	03C	0.72	11
1542	B	126	81	VS4	-0.63	11
1543	B	126	115	02C	0	11
1544	B	127	52	01H	-0.09	11
1545	B	127	114	03C	0.82	11
1546	B	16	55	DBH	-1.63	10
1547	B	19	60	03H	-0.85	10
1548	B	37	36	03H	-0.84	10
1549	B	39	6	02C	0.68	10
1550	B	39	146	DBC	1.56	10
1551	B	41	40	02C	-0.25	10
1552	B	45	16	DBH	-1.76	10

Count	SG	Row	Col	Elev	Offset	Depth
1553	B	46	7	01C	0.71	10
1554	B	46	47	02H	-0.11	10
1555	B	47	8	01H	0.83	10
1556	B	57	146	DBH	1.65	10
1557	B	61	48	VS3	-0.89	10
1558	B	62	39	04H	-0.09	10
1559	B	62	47	DBC	-1.5	10
1560	B	62	85	DBC	-1.82	10
1561	B	66	41	DBC	-1.75	10
1562	B	67	56	02H	0.92	10
1563	B	69	102	03H	0.93	10
1564	B	70	47	04C	-0.25	10
1565	B	71	36	DBC	-1.85	10
1566	B	71	112	04C	0.78	10
1567	B	72	25	DBC	1.74	10
1568	B	72	113	04C	0.83	10
1569	B	73	14	VS4	0.31	10
1570	B	76	65	VS4	-0.07	10
1571	B	81	148	03C	0.83	10
1572	B	86	91	03C	-0.89	10
1573	B	92	23	VS4	-0.84	10
1574	B	101	38	DBC	1.39	10
1575	B	102	113	DBH	1.78	10
1576	B	105	88	VS2	-0.9	10
1577	B	111	40	DBC	-1.81	10
1578	B	113	84	04H	-0.81	10
1579	B	114	127	05C	0.76	10
1580	B	117	40	01C	-0.99	10
1581	B	119	88	08C	-0.22	10
1582	B	126	55	06H	1.06	10
1583	B	129	102	08C	0.02	10
1584	B	30	7	03C	0	9
1585	B	41	120	05C	0.93	9
1586	B	44	121	03C	0.82	9
1587	B	58	25	06H	0.93	9
1588	B	66	47	06C	-0.18	9
1589	B	69	36	04C	0.8	9
1590	B	69	48	04C	0	9
1591	B	71	86	02C	-0.18	9
1592	B	72	113	02H	0.91	9



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Count	SG	Row	Col	Elev	Offset	Depth
1593	B	74	47	06C	0	9
1594	B	89	38	05H	-0.84	9
1595	B	92	31	VS2	0.97	9
1596	B	92	97	04C	-0.02	9
1597	B	102	99	07C	0.07	9
1598	B	103	48	DBC	-1.31	9
1599	B	105	32	VS4	-0.85	9
1600	B	106	101	VS2	-0.19	9
1601	B	124	85	VS2	0.75	9
1602	B	30	5	02H	-0.15	8
1603	B	36	109	04C	0.8	8
1604	B	49	12	DBC	1.54	7