geoshot™

Electronic Initiation Specifically for Geophysical Exploration

DYNO
Dyno Nobel

Groundbreaking Performance

geoshot™ electronic initiation system

Seismic Initiation System Requirements

- ✓ GeoShot • Rugged and Reliable in Challenging Conditions
- ✓ GeoShot • User Friendly
- ✓ GeoShot • Enhanced Data Management
- ✓ GeoShot • Safe and Secure

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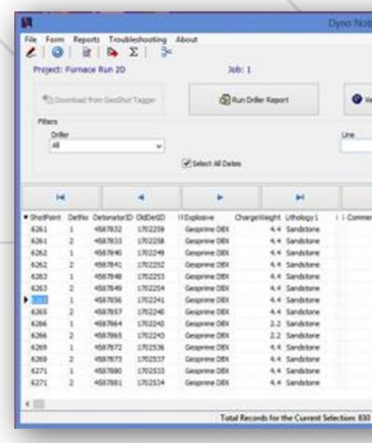
Detonator

Wire

Tagger

SIU
(Seismic Interface Unit)

ShotPoint Logix™



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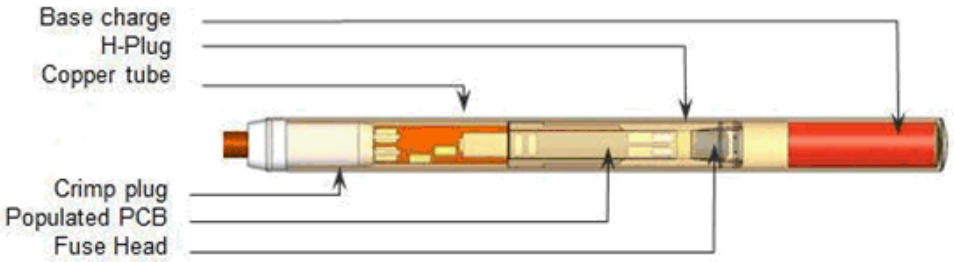
GeoShot Detonator

- Every Detonator 100% Tested
- Water Resistant
- Corrosion Resistant Copper Shell



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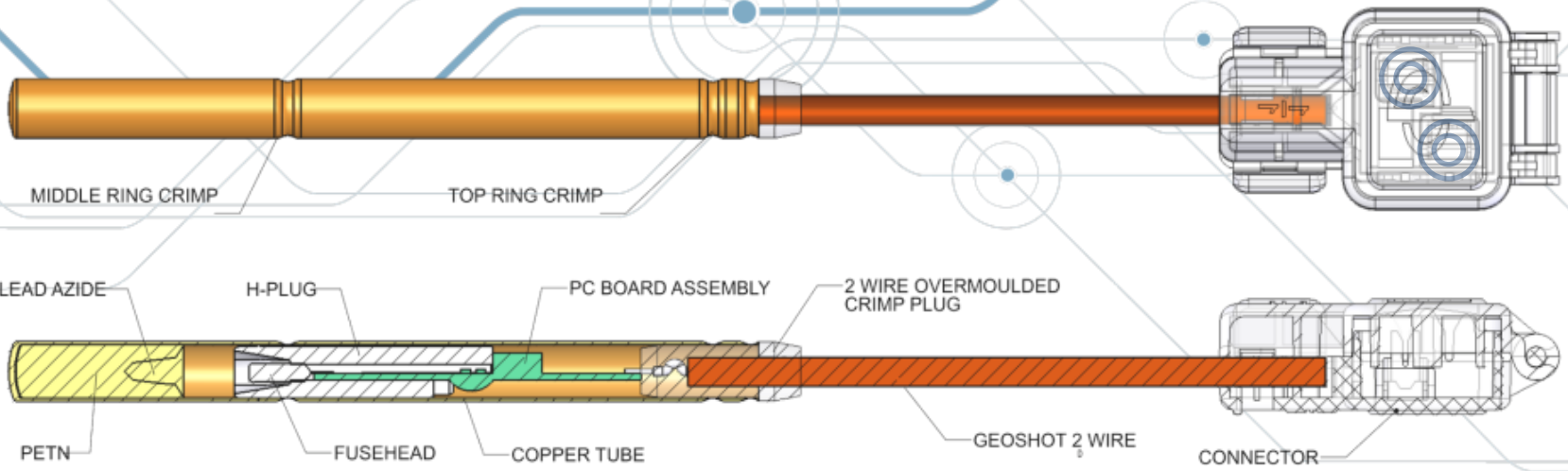

- **Fired with Unique Encoded Firing Command From SIU**
- **Protected From Electromagnetic Pulse and Electrostatic Discharge**

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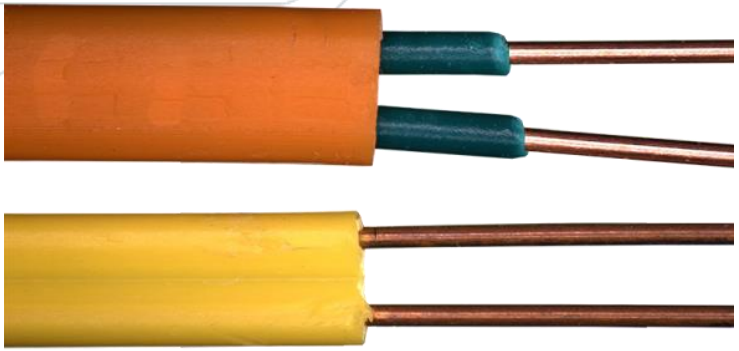
GeoShot Wire

GeoShot Wire



Typical Duplex Wire

- Superior Abrasion and Water Resistance
- Over-Extruded
- Easy-to-Deploy Coiling Configuration

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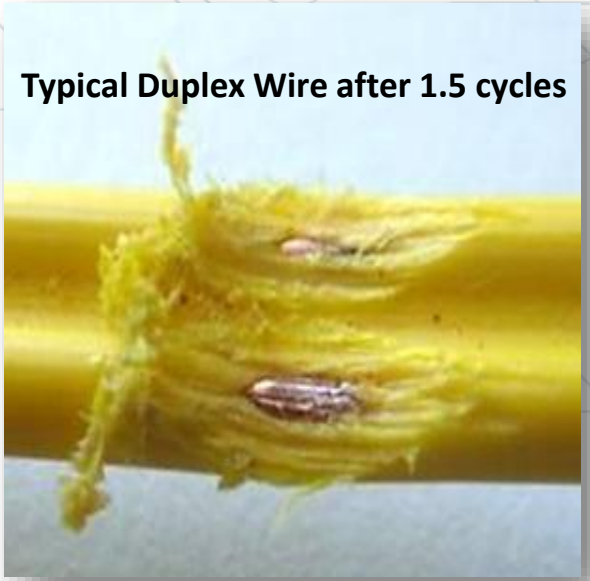
GeoShot Wire



25 Times More Abrasion Resistant Than Standard Wire

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GeoShot Tagger

RUGGED and RELIABLE

- Durable Professional Case
- Water Resistant
- Scratch Resistant Screen
- All Weather Screen Visibility

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GeoShot Tagger

USER FRIENDLY

- Simple Tagging and Testing
- Pre-loaded Customizable Data
- Easily “Finds” Shotpoints From List
- Easy to Follow Menus

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GeoShot Tagger

ENHANCED DATA MANAGEMENT

- Uploads up to 100,000 Shot Points
- Fast, Accurate GPS Location Acquisition
- Easy Field Data Capture
- Seamless Data Transfer to PC

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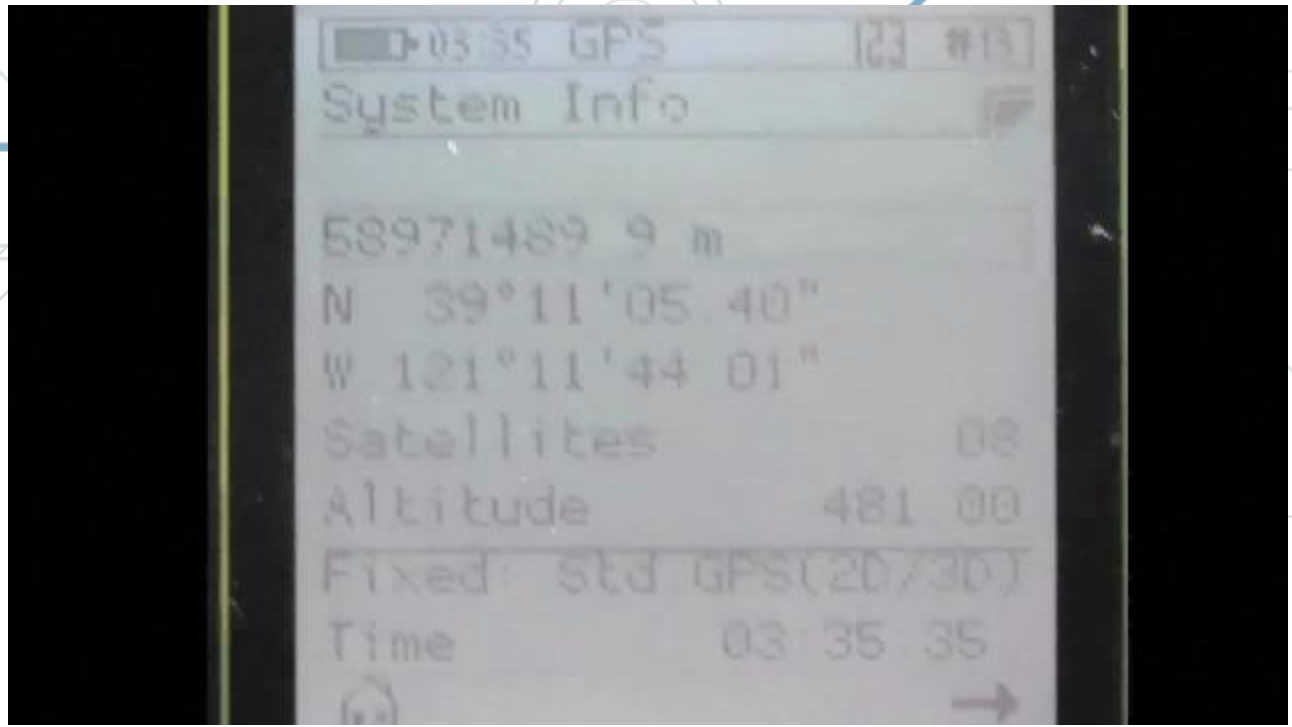

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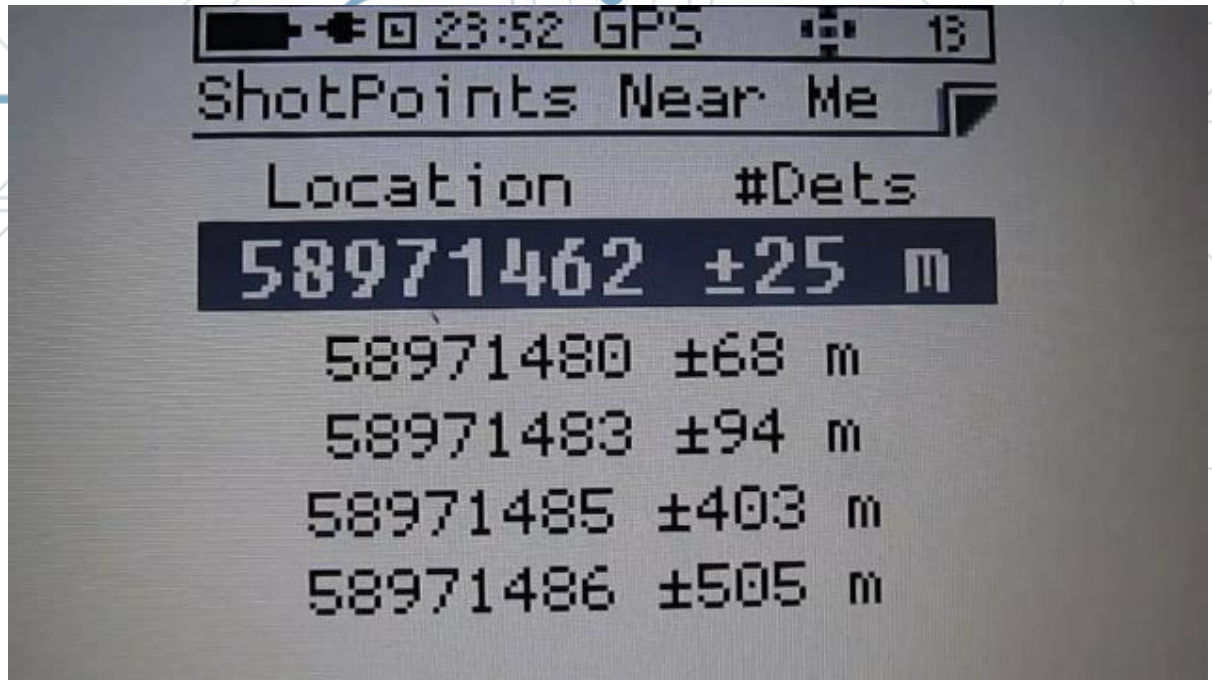

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GeoShot SIU

- Lightweight, Rugged & Reliable
- Works with Standard Shooting Packs
- One-Press Arming
- Fires Up To 8 Dets Simultaneously

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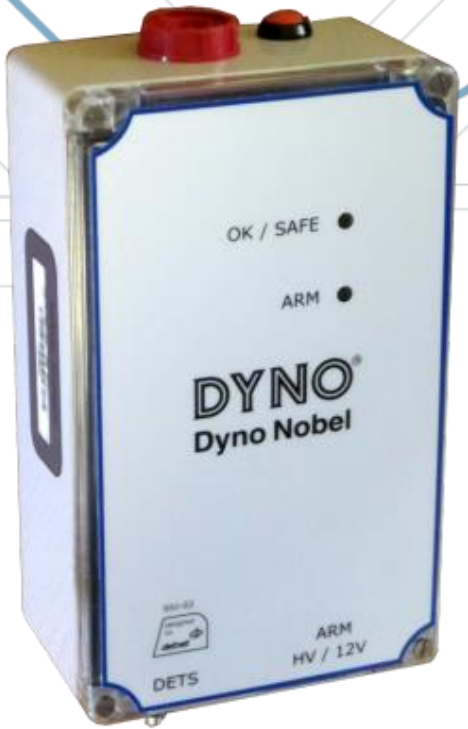

GeoShot SIU

- Automatically Captures Important Field Data
- Automatically Tests Dets
- Fires Detonator with Coded Signal
- Multiple Audible Functional Features

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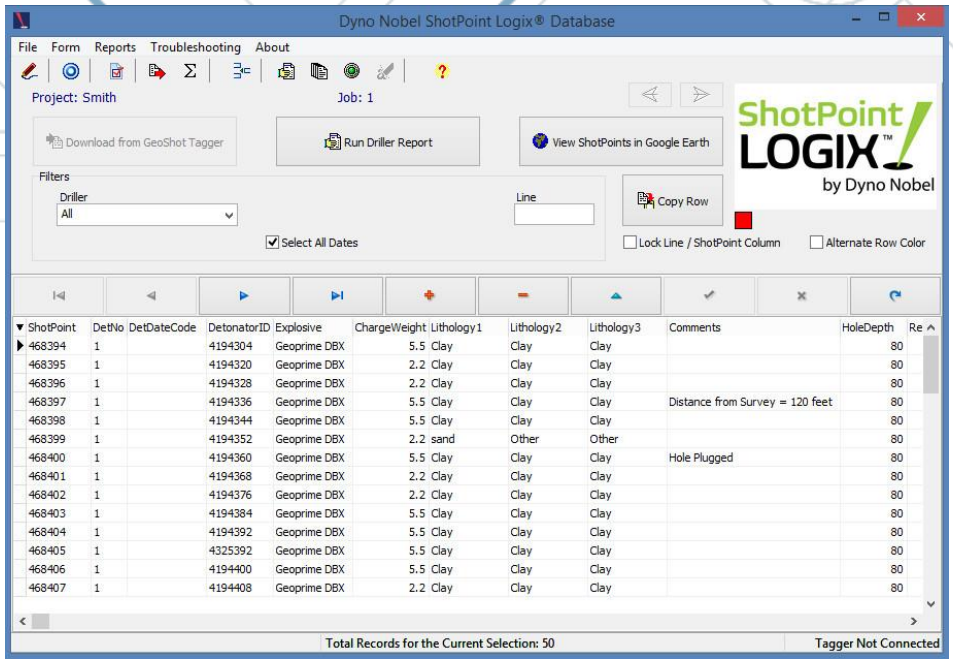
ShotPoint LOGIX™ by Dyno Nobel



ShotPoint	DetNo	DetDateCode	DetonatorID	Explosive	ChargeWeight	Lithology1	Lithology2	Lithology3	Comments	HoleDepth	Re
468394	1		4194304	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468395	1		4194320	Geoprime DBX	2.2	Clay	Clay	Clay		80	
468396	1		4194328	Geoprime DBX	2.2	Clay	Clay	Clay		80	
468397	1		4194336	Geoprime DBX	5.5	Clay	Clay	Clay	Distance from Survey = 120 feet	80	
468398	1		4194344	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468399	1		4194352	Geoprime DBX	2.2	sand	Other	Other		80	
468400	1		4194360	Geoprime DBX	5.5	Clay	Clay	Clay	Hole Plugged	80	
468401	1		4194368	Geoprime DBX	2.2	Clay	Clay	Clay		80	
468402	1		4194376	Geoprime DBX	2.2	Clay	Clay	Clay		80	
468403	1		4194384	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468404	1		4194392	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468405	1		4325392	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468406	1		4194400	Geoprime DBX	5.5	Clay	Clay	Clay		80	
468407	1		4194408	Geoprime DBX	2.2	Clay	Clay	Clay		80	

- **Accurately & Efficiently Collects Shotpoint Data**
- **Generates Multiple Reports**
- **Imports and Exports in Multiple Formats**

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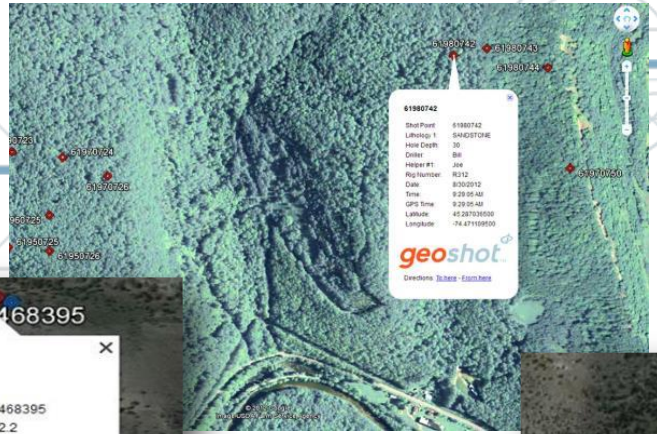
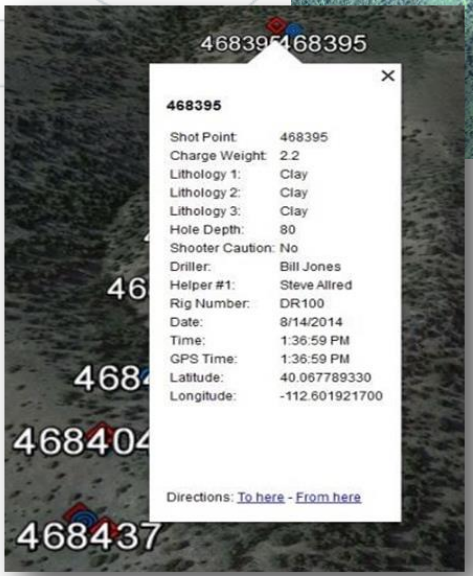
ShotPoint LOGIX™ by Dyno Nobel

ShotPoint Mapping with Google Earth





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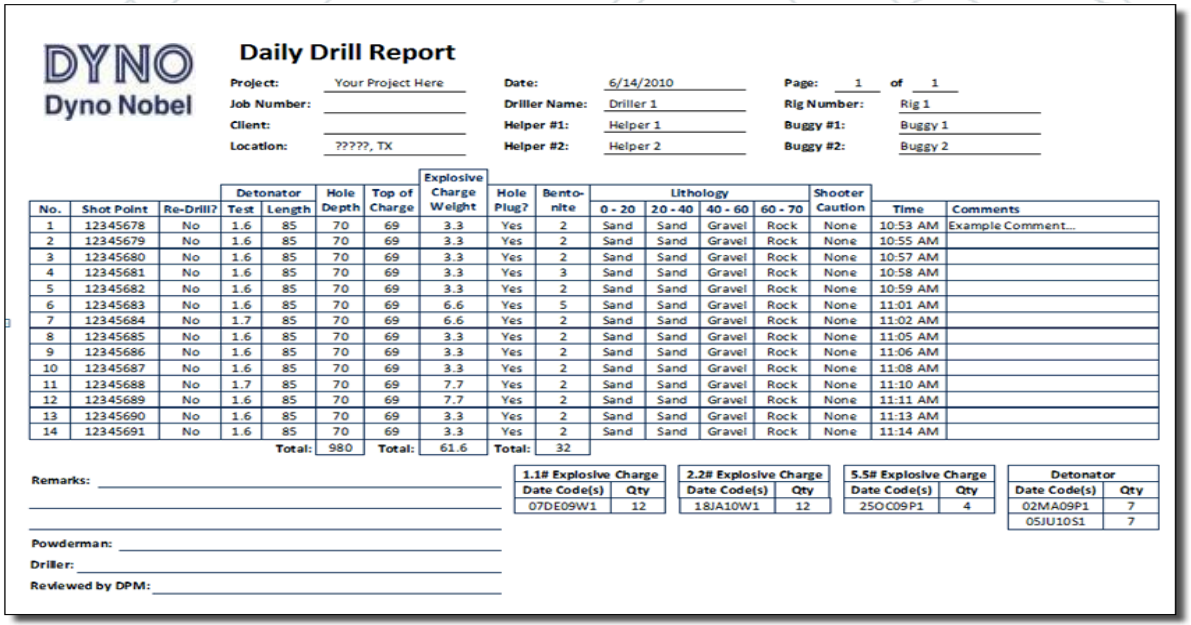
ShotPoint LOGIX™ by Dyno Nobel



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Daily Drill Report

Project: Your Project Here
Job Number:
Client:
Location: ?????, TX

Date: 6/14/2010
Driller Name: Driller 1
Helper #1: Helper 1
Helper #2: Helper 2

Page: 1 of 1
Rig Number: Rig 1
Buggy #1: Buggy 1
Buggy #2: Buggy 2

No.	Shot Point	Re-Drill?	Detonator Test	Detonator Length	Hole Depth	Top of Charge	Explosive Charge Weight	Hole Plug?	Bento-nite	Lithology 0 - 20	Lithology 20 - 40	Lithology 40 - 60	Lithology 60 - 70	Shooter Caution	Time	Comments
1	12345678	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	10:53 AM	Example Comment...
2	12345679	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	10:55 AM	
3	12345680	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	10:57 AM	
4	12345681	No	1.6	85	70	69	3.3	Yes	3	Sand	Sand	Gravel	Rock	None	10:58 AM	
5	12345682	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	10:59 AM	
6	12345683	No	1.6	85	70	69	6.6	Yes	5	Sand	Sand	Gravel	Rock	None	11:01 AM	
7	12345684	No	1.7	85	70	69	6.6	Yes	2	Sand	Sand	Gravel	Rock	None	11:02 AM	
8	12345685	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	11:05 AM	
9	12345686	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	11:06 AM	
10	12345687	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	11:08 AM	
11	12345688	No	1.7	85	70	69	7.7	Yes	2	Sand	Sand	Gravel	Rock	None	11:10 AM	
12	12345689	No	1.6	85	70	69	7.7	Yes	2	Sand	Sand	Gravel	Rock	None	11:11 AM	
13	12345690	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	11:13 AM	
14	12345691	No	1.6	85	70	69	3.3	Yes	2	Sand	Sand	Gravel	Rock	None	11:14 AM	
				Total:	980	Total:	61.6	Total:	32							

Remarks:

Powderman:

Driller:

Reviewed by DPM:

1.1# Explosive Charge	
Date Code(s)	Qty
07DE09W1	12

2.2# Explosive Charge	
Date Code(s)	Qty
18JA10W1	12

5.5# Explosive Charge	
Date Code(s)	Qty
25OC09P1	4

Detonator	
Date Code(s)	Qty
02MA09P1	7
05JU10S1	7

geoshot™ electronic initiation system

- **Rugged and Reliable**
- **User Friendly**
- **Enhanced Data Acquisition**
- **Safe and Secure**

Specify GeoShot for your next job!

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Another Practical Innovation From Dyno Nobel

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