



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
EXCAVATION PERMIT
DISTRICT 01

PERMIT NO. 4481
TOWN/CITY: Easton
ROAD/ROUTE: NH-116
DATE: 12/22/15

(THIS FORM IS NOT A PERMIT UNTIL APPROVED BY NHDOT)

District 1, 641 Main St, Lancaster, NH 03584
District 2, 8 Eastman Hill Road, Enfield, NH 03748
District 3, 2 Sawmill Road, Gilford, NH 03249

District 4, 19 Base Hill Road, Swanzey, NH 03446
District 5, 16 East Point Drive, Bedford, NH 03110
District 6, PO Box 740, Durham, NH 03824

Pursuant to R.S.A. 231:184, 185, 186 and R.S.A. 236:9, 10, 11, permission is requested to disturb the surface, shoulders, ditches or slopes as described below:

- 1) On the east & west sides of Route NH-116 or Easton Road
2) in the Town of Easton
3) for the purpose of soil borings for the testing and design of "Northern Pass" underground transmission lines.
4) located (give distance to nearest crossroad and/or other local landmark and include sketch or plan) 7 locations along the east & west sides of NH-116 approx. 0.75 miles apart from the intersection of NH-112 to the Franconia town line. See approved sketch location plans for boring locations.
5) during the period of dates between 12/22/15 and 1/1/16

DIG SAFE PERMIT REQUIRED BY LAW (CALL 1-888-DIG-SAFE)

I/We hereby agree to conform to the following instructions and regulations in regards to the performance of the work proposed under this request. I/We also agree to any additional instructions issued by the District Engineer, or his authorized representatives during the process of the work.

OFFICE USE ONLY

If the pavement has to be disturbed, it must be sawcut, unless otherwise directed, prior to excavating. The pavement and base coarse materials are to be discarded. Excavation below subgrade is to be saved and used for backfill to prevent differential frost heaving. The disturbed area must be backfilled in layers not exceeding EIGHT inches (8") and thoroughly compacted. The base coarse shall be replaced as constructed. Hot bituminous pavement (HBP) shall be used for all patching material at a depth equal to the existing, unless otherwise stated. Earth areas disturbed will be replaced in kind, loamed, fertilized, seeded and mulched. All material and construction practices shall conform to the NHDOT Standard Specifications for Road and Bridge Construction, latest edition, and any amendments thereto. Interruptions to traffic shall be kept to a minimum and be maintained in accordance with the most current edition of the Manual on Uniform Traffic Control Devices. When conditions warrant, flaggers and or uniformed officers shall be utilized and be of a competent nature. No work shall be performed between November 15 and April 15, between dusk and dawn, or during periods of inclement weather, unless otherwise directed.

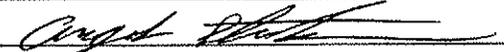
I/We agree to indemnify, defend and save harmless the State of New Hampshire from any and all claims arising from the construction, maintenance and operation of the said item(s) and appurtenances as described in this Permit and agree to obtain permits from the District Engineer before performing any future excavation for maintenance or renewal of the said items(s) or appurtenances within the highway limits. I/We agree to assume such additional cost as the State may incur due to the maintenance, operation, renewal, extension and inspection or of my/our failure to perform this work in the manner prescribed. It is understood and agreed that this Permit is for the right of construction, occupancy, operation and future maintenance of the said items(s) or appurtenances as described in the Permit and is by sufferance only. In the event of future alterations to the highway or highway right-of-way, the State reserves the right to require certain alterations, relocations, or complete removal of said item(s) promptly by the utility and at no expense to the State. I/We are familiar with the penalty imposed by R.S.A. 236:14.

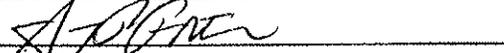
THE DISTRICT CONTACT PERSON MUST BE NOTIFIED AT LEAST FORTY-EIGHT (48) HOURS BEFORE PERFORMING ANY WORK. A COPY OF THIS PERMIT SHALL BE PRESENT AT THE WORK SITE AT ALL TIMES.

Where Applicable, in accordance with RSA 72:23, I(b), this agreement is made between the parties subject to the condition that the owner/ operator shall pay all properly assessed real and personal property taxes. Failure of the owner/ operator to pay duly assessed personal and real taxes when due shall be cause to terminate this agreement. In accordance with the requirements of RSA 72:23, I(b), the owner/operator shall be obligated to pay real and personal property taxes on structures or improvements added.

By signature below, I/We agree to the conditions and/or additional requirements as set forth in this document.

(PLEASE PRINT)

CONTRACTOR: Terracon TEL. NO. (603) 828-8266
ADDRESS: 77 Sundial Avenue, Suite 401W, Manchester, NH 03103
SIGNATURE:  TITLE: Staff Geotechnical Engineer
PRINTED NAME: Angus Strachan

OWNER: Eversource Energy TEL. NO. (603) 634-3406
ADDRESS: 1250 Hooksett Road, Hooksett, NH
SIGNATURE:  TITLE: Eversource Project Manager
PRINTED NAME: Emily Roden Jerry P. Fortier
24 HOUR CONTACT PERSON: Angus Strachan TEL. NO. ~~(603) 828-8266~~ 860-867-6652

(FOR DISTRICT OFFICE USE ONLY)
ADDITIONAL REQUIREMENT

No work during inclement weather that would impede NHDOT maintenance and snow removal operations.

Disturbed areas within the right of way shall be loamed and seeded with mulch/hay.

Vegetation to be checked by the highway patrol foreman for NHDOT.

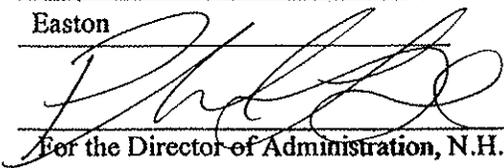
No work within the paved surfaces.

Police detail required for borings less than 10 feet off the traveled way.

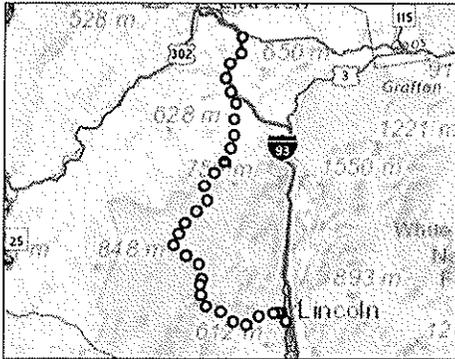
Bond # 09205847 issued by Fidelity and Deposit of Maryland for the \$10,000 is on file at the District One Office.

Prior to initiating work, the applicant shall furnish a SURETY BOND OR LETTER OF CREDIT in the amount of \$ 10,000.00 which shall remain in forces for two years after completion and NHDOT acceptance of the project.

Contact Person: Jon Bushway Title: Patrol Foreman Telephone No. (603) 823-5516
Work to Begin: 12/22/15 Work to End: 1/1/16
Permit Number: 4481 Expires: 1/1/16
City/Town: Easton Patrol Section: 116

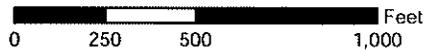
Approved By: 
For the Director of Administration, N.H. Dept. of Transportation

Revised 12/03/10



◆ Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



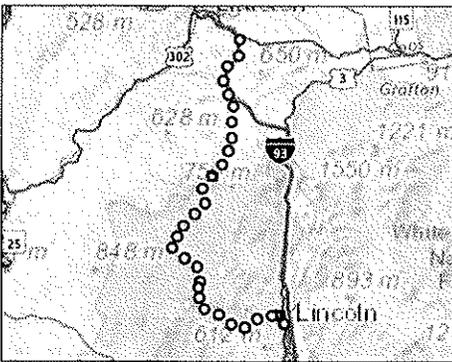
Project No.:	J1155175
Date:	Dec 2015
Drawn By:	IMS
Reviewed By:	JRG

Terracon

77 Sundial Ave, Suite 401W Manchester, NH 03103
 PH. (603) 647 9700 terracon.com

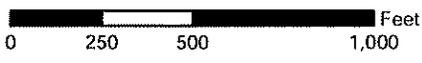
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-5A



Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



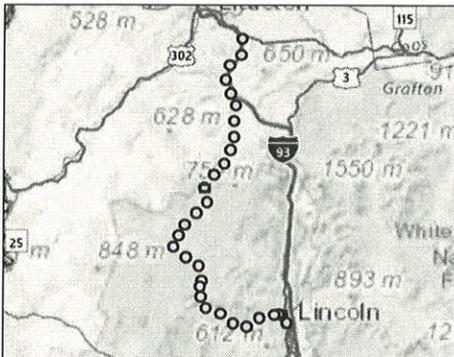
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Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-6



 Proposed Boring Locations
Stakes Broke

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



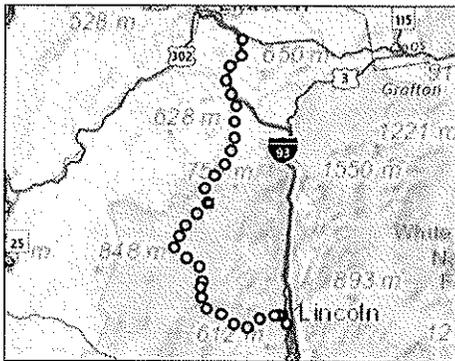
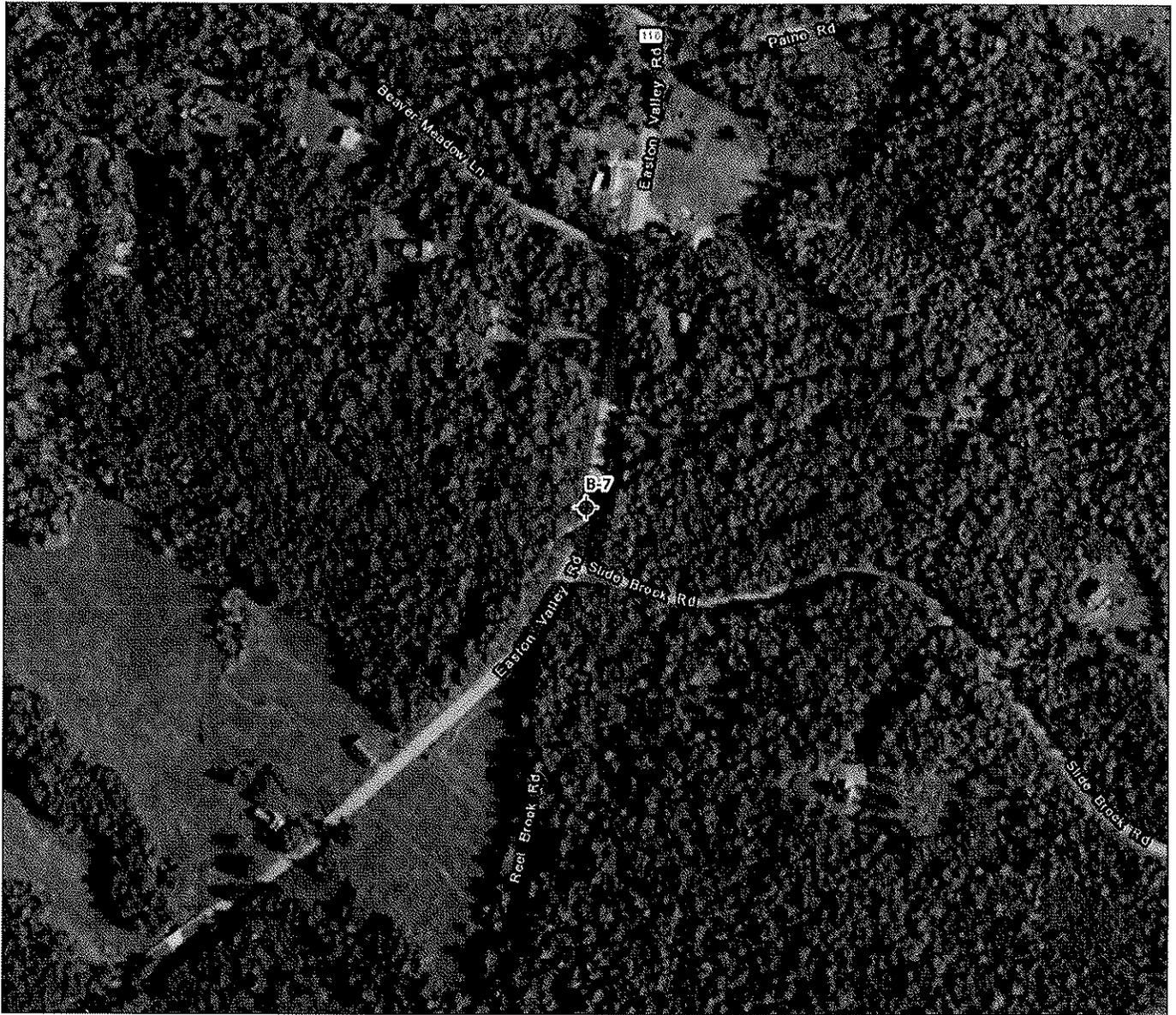
Project No.:	J1155175
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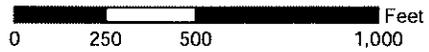
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-6A



◆ Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



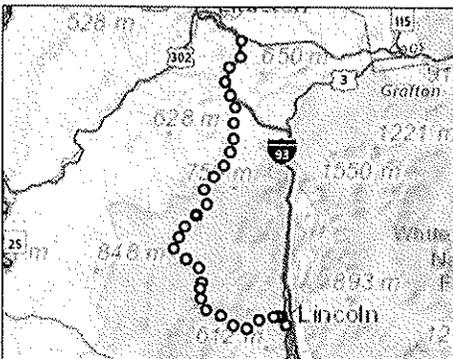
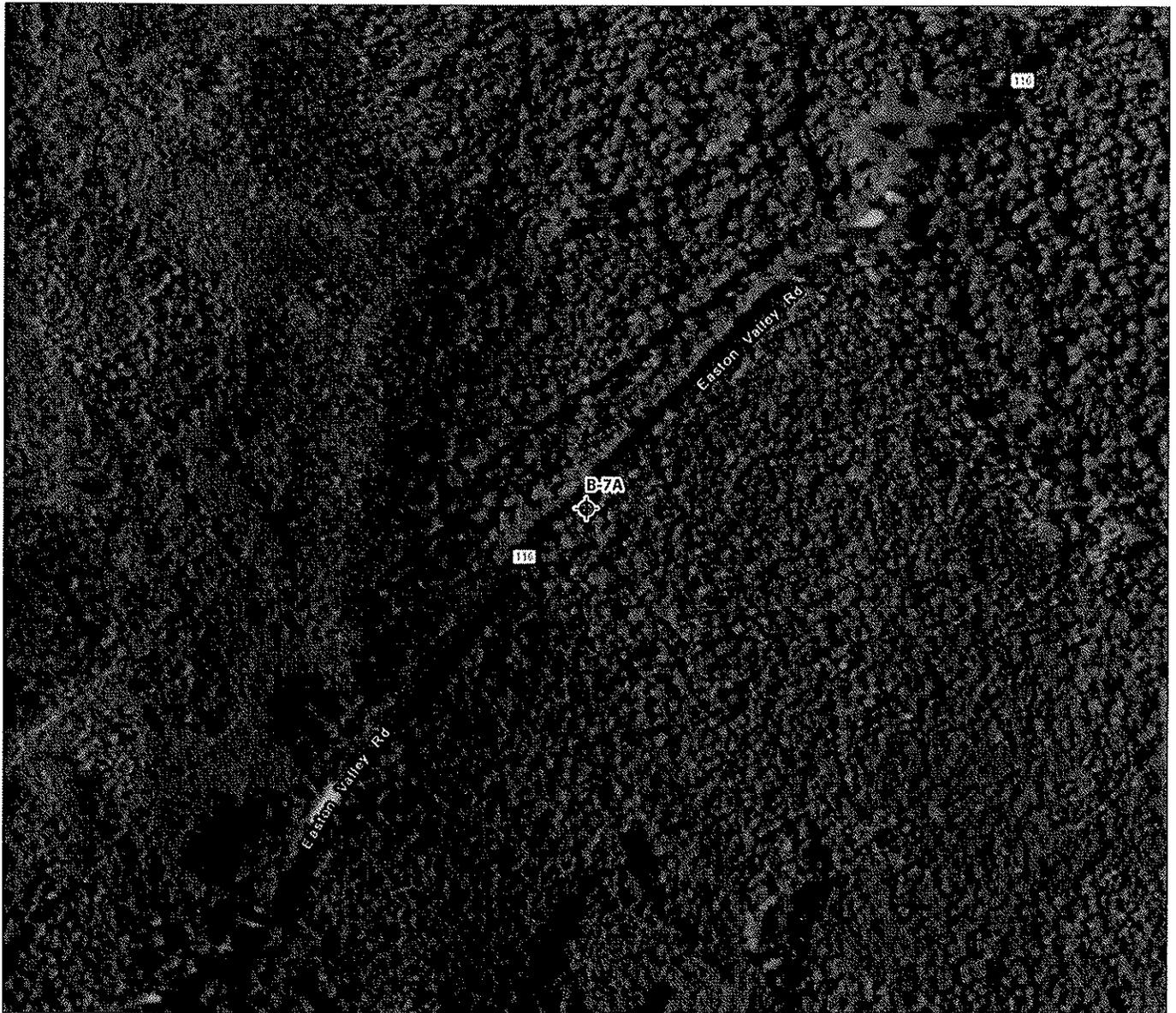
Project No.:	J1155175
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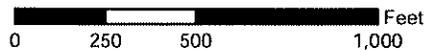
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-7



◆ Proposed Boring Locations

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



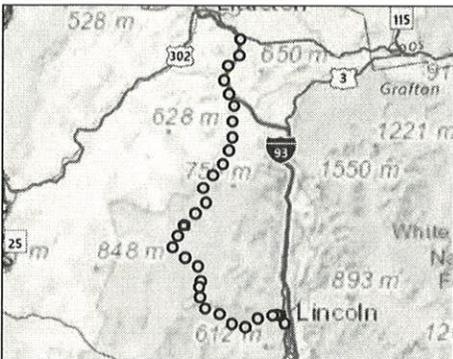
Project No.:	J1155175
Date:	Dec 2015
Drawn By:	IMS
Reviewed By:	JRG

Terracon

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Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-7A



Proposed Boring Locations

SSD < 100'

DATA SOURCES:
 Terracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



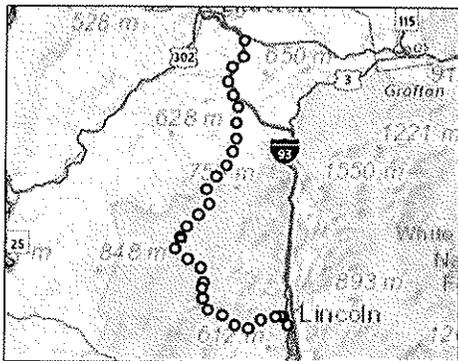
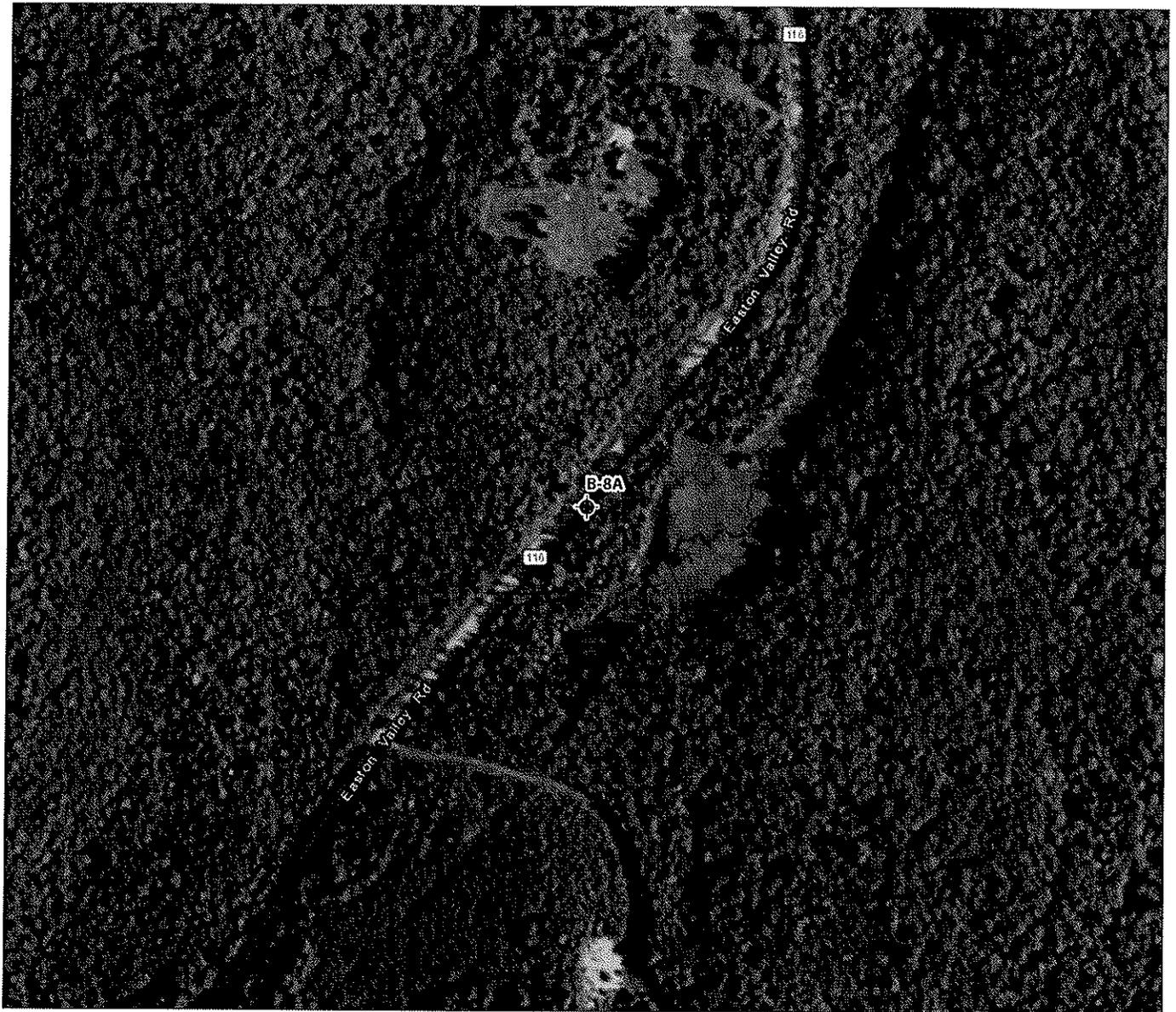
Project No.:	J1155175
Date:	Dec 2015
Drawn By:	IMS
Reviewed By:	JRG

Terracon

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 PH. (603) 647 9700 terracon.com

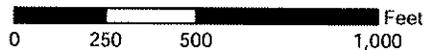
Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-8



◆ Proposed Boring Locations

DATA SOURCES:
 Tetracon - Proposed Boring Locations
 ESRI WMS - World Aerial Imagery, World Topo, World Transportation Overlay



Project No.:	J1155175
Date:	Dec 2015
Drawn By:	IMS
Reviewed By:	JRG

Tetracon

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 PH. (603) 647 9700 tetracon.com

Proposed Boring Locations
Northern Pass Alignment Woodstock to Franconia Grafton County, New Hampshire

Exhibit
B-8A