
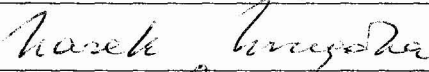
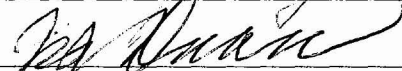
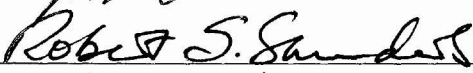



BSC

Calculation/Analysis Change Notice

1. QA: QA
2. Page 1 of 29

Complete only applicable items.

3. Document Identifier: 800-K0C-SSD0-00400-000-00A		4. Rev.: 00A	5. CACN: 001
6. Title: Ground Control for Non-Emplacement Drifts for LA			
7. Reason for Change: A quality assurance surveillance BQA-SI-08-007 of control of electronic information in design calculations was performed in November 2007 on this calculation. This CACN resolves a portion of CR 11443.			
8. Supersedes Change Notice:		<input type="checkbox"/> Yes If, Yes, CACN No. _____ <input checked="" type="checkbox"/> No	
9. Change Impact:			
Inputs Changed:		Results Impacted:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Assumptions Changed:		Design Impacted:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
10. Description of Change:			
<p>1. For Attachment II, replace the old DVD with one (1) new DVD, which includes input files for FLAC and 3DEC computer runs.</p> <p>2. Page 5, delete "AND OUTPUT" in Section 8.</p> <p>3. Page 30, revise the first paragraph after "calculation." as follows: "The input files generated for FLAC for the numerical analyses for access mains, exhaust mains, turnouts, observation drift and TBM launch chamber are listed in Attachment I and have been archived on one DVD (Attachment II). Output results support the figures and table presented in the calculation."; also replace "by 3DEC" with "for 3DEC" in 4th para., 4th line.</p> <p>4. Page 31, delete the first paragraph since WinZip is not used for input files on the new DVD.</p> <p>5. Page 226, delete "AND OUTPUT" in title and "and output" in 1st para., line 1.</p> <p>6. Attachment I (Pages 226 to 253): revise the lists of files to show input files only and to match file names listed in Attachment I with those on the DVD; correct some typo errors. For clarity, all pages in revised Attachment I are included in this CACN.</p> <p>The revision to the file lists in Attachment I and the text has no impact on technical correctness and adequacy of the calculation.</p>			
11. REVIEWS AND APPROVAL			
Printed Name		Signature	Date
11a. Originator: David Tang			12/4/07
11b. Checker: Marek Mrugala			12-04-2007
11c. EGS: Fei Duan			12/4/07
11d. DEM: Robert Saunders			12/4/07
11e. Design Authority: Barbara Rusinko			12/13/07

8 ATTACHMENT I LIST OF INPUT FILES

The input files for the numerical analyses for access mains, exhaust mains, turnouts, observation drift, TBM launch chamber, North portal, intersections between access mains and turnouts and between exhaust mains and emplacement drifts and between observation drift and exhaust main, and interburden pillar between shaft access and exhaust mains are listed here.

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Litho_A\cat_1,3,5

08/09/2007 02:41p	962 Acc_Main
05/15/2007 07:38p	1,784 driver.dat
05/15/2007 07:38p	1,235 hiszones_50.fis
05/15/2007 07:38p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
07/18/2007 03:24p	451 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,874 shake.fis
05/15/2007 07:39p	3,024 tunnel.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

12 File(s) 420,914 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Litho_A\cat_1,5_grc

07/18/2007 04:56p	12,314 driver_grcll.dat
05/15/2007 07:38p	1,235 hiszones_50.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/15/2007 07:39p	2,087 setup.fis
07/19/2007 04:05p	3,025 tunnel.dat

6 File(s) 24,636 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Litho_A\cat_1,5_k=1.0_exv

07/20/2007 11:18a	1,189 driver.dat
05/15/2007 07:38p	1,235 hiszones_50.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	3,024 tunnel.dat

6 File(s) 13,510 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Litho_A\cat_1_sup

07/16/2007 10:22a	640 bolt.dat
05/15/2007 07:39p	1,642 boltprop.fis
05/25/2007 02:16p	624 driver.dat
05/15/2007 07:39p	1,235 hiszones_50.fis
05/15/2007 07:39p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/25/2007 01:58p	228 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,872 shake.fis
05/15/2007 07:39p	3,041 tunnel_b.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

13 File(s) 420,866 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Litho_A\cat_1_sup_100%relax

07/16/2007 10:22a	640 bolt.dat
05/15/2007 07:39p	1,642 boltprop.fis
07/19/2007 01:07p	624 driver.dat
05/15/2007 07:39p	1,235 hiszones_50.fis
05/15/2007 07:39p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/25/2007 01:58p	228 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,872 shake.fis
06/02/2007 11:16a	3,043 tunnel_b.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

13 File(s) 420,868 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Nonlitho_A\cat_1,3,5

05/15/2007 07:39p	1,754 driver.dat
05/15/2007 07:39p	1,235 hiszones_50.fis
05/15/2007 07:39p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
07/19/2007 08:13a	451 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,874 shake.fis
05/15/2007 07:39p	3,024 tunnel.dat
05/15/2007 07:40p	203,437 vel_hori_5e-4.tab
05/15/2007 07:40p	195,677 vel_vert_5e-4.tab

11 File(s) 419,922 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Nonlitho_A\cat_1,5_grc

07/19/2007 10:36a	12,314 driver_grcmn.dat
05/15/2007 07:38p	1,235 hiszones_50.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/15/2007 07:39p	2,087 setup.fis
07/19/2007 05:01p	3,025 tunnel.dat

6 File(s) 24,636 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Nonlitho_A\cat_1,5_k=1.0_exv

07/20/2007 11:22a	1,189 driver.dat
05/15/2007 07:38p	1,235 hiszones_50.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	3,024 tunnel.dat

6 File(s) 13,510 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Nonlitho_A\cat_1_sup

07/16/2007 10:22a	640 bolt.dat
05/15/2007 07:40p	1,642 boltprop.fis
05/25/2007 02:18p	622 driver.dat
05/15/2007 07:40p	1,235 hiszones_50.fis
05/15/2007 07:40p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:40p	2,152 relaxation.fis
07/19/2007 08:01a	224 seismic.dat
05/15/2007 07:40p	2,087 setup.fis
05/15/2007 07:40p	2,872 shake.fis
05/15/2007 07:40p	3,041 tunnel_b.dat
05/15/2007 07:40p	203,437 vel_hori_5e-4.tab
05/15/2007 07:40p	195,677 vel_vert_5e-4.tab

13 File(s) 420,860 bytes

Directory of D:\RUD\GCNEDLA-2007\AccessMain\Nonlitho_A\cat_1_sup_100%relax

07/16/2007 10:22a	640 bolt.dat
05/15/2007 07:39p	1,642 boltprop.fis
07/19/2007 01:16p	624 driver.dat

05/15/2007 07:39p	1,235 hiszones_50.fis
05/15/2007 07:39p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
07/19/2007 01:16p	228 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,872 shake.fis
06/02/2007 11:16a	3,043 tunnel_b.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

13 File(s) 420,868 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Litho_A\cat_1,3,5

07/18/2007 04:05p	1,849 driver.dat
07/24/2007 12:17p	1,852 driver_50.dat
05/15/2007 07:40p	1,235 hiszones_50.fis
05/15/2007 07:41p	392 initemp.fis
05/15/2007 07:41p	3,408 makemovie.fis
07/14/2007 02:49p	3,823 properties.fis
05/15/2007 07:41p	2,152 relaxation.fis
07/18/2007 03:24p	451 seismic.dat
07/24/2007 12:16p	455 seismic_50.dat
05/25/2007 03:20p	2,077 setup.fis
05/15/2007 07:41p	2,871 shake.fis
05/15/2007 02:13p	945 temphis_50.tab
05/15/2007 07:41p	1,628 thermal_50.dat
05/15/2007 03:11p	3,679 thermoprop.fis
05/15/2007 07:41p	3,024 tunnel.dat
05/15/2007 07:41p	203,437 vel_hori_5e-4.tab
05/15/2007 07:41p	195,677 vel_vert_5e-4.tab

17 File(s) 428,955 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Litho_A\cat_1_G10k

07/19/2007 05:53p	655 driver.dat
05/15/2007 07:40p	1,235 hiszones_50.fis
05/15/2007 07:41p	392 initemp.fis
05/15/2007 07:41p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:41p	2,152 relaxation.fis
06/20/2007 01:31p	389 seismic.dat
05/25/2007 03:20p	2,077 setup.fis
06/20/2007 01:34p	2,871 shake.fis
05/15/2007 02:13p	945 temphis_50.tab
05/15/2007 07:41p	1,628 thermal_50.dat
05/15/2007 03:11p	3,679 thermoprop.fis

05/15/2007	07:41p	3,024	tunnel.dat
06/30/2003	10:41a	373,597	vel_hori_1e-4.tab
06/30/2003	10:40a	373,120	vel_vert_1e-4.tab

15 File(s) 772,995 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Litho_A\cat_1_sup

07/16/2007	10:22a	640	bolt.dat
05/15/2007	07:41p	1,642	boltprop.fis
05/25/2007	02:52p	645	driver.dat
05/15/2007	07:41p	1,235	hiszones_50.fis
05/15/2007	07:41p	392	initemp.fis
05/15/2007	07:41p	3,408	makemovie.fis
07/14/2007	02:52p	3,823	properties.fis
05/15/2007	07:41p	2,152	relaxation.fis
05/25/2007	02:54p	378	seismic.dat
05/25/2007	03:22p	2,077	setup.fis
05/15/2007	07:41p	2,871	shake.fis
05/25/2007	02:53p	947	temphis_50.tab
05/15/2007	07:41p	1,628	thermal_50.dat
05/15/2007	04:06p	3,679	thermoprop.fis
05/15/2007	07:41p	3,041	tunnel_b.dat
05/15/2007	07:41p	203,437	vel_hori_5e-4.tab
05/15/2007	07:41p	195,677	vel_vert_5e-4.tab

17 File(s) 427,672 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Litho_A\k=1.0\cat_1,5

07/19/2007	01:38p	1,225	driver.dat
05/15/2007	07:41p	1,235	hiszones_50.fis
05/15/2007	07:41p	392	initemp.fis
05/15/2007	07:41p	3,408	makemovie.fis
07/14/2007	02:52p	3,823	properties.fis
05/15/2007	07:41p	2,152	relaxation.fis
07/19/2007	01:44p	783	seismic.dat
05/25/2007	03:23p	2,077	setup.fis
05/15/2007	07:41p	2,871	shake.fis
05/15/2007	07:41p	1,023	temphis_50.tab
05/15/2007	07:41p	1,628	thermal_50.dat
05/15/2007	04:08p	3,679	thermoprop.fis
05/15/2007	07:41p	3,024	tunnel.dat
05/15/2007	07:41p	203,437	vel_hori_5e-4.tab
05/15/2007	07:42p	195,677	vel_vert_5e-4.tab

15 File(s) 426,434 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Nonlitho_A\cat_1,3,5

05/15/2007 04:07p	1,821 driver.dat
07/24/2007 12:28p	1,824 driver_50.dat
05/15/2007 07:41p	1,235 hiszones_50.fis
05/15/2007 07:41p	392 initemp.fis
05/15/2007 07:41p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:41p	2,152 relaxation.fis
07/19/2007 08:24a	451 seismic.dat
07/24/2007 12:27p	455 seismic_50.dat
05/25/2007 03:23p	2,077 setup.fis
05/15/2007 07:41p	2,871 shake.fis
05/15/2007 07:41p	1,023 temphis_50.tab
05/15/2007 07:41p	1,628 thermal_50.dat
05/15/2007 04:08p	3,679 thermoprop.fis
05/15/2007 07:41p	3,024 tunnel.dat
05/15/2007 07:41p	203,437 vel_hori_5e-4.tab
05/15/2007 07:42p	195,677 vel_vert_5e-4.tab

17 File(s) 428,977 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Nonlitho_A\cat_1_G10k

07/19/2007 06:25p	655 driver.dat
05/15/2007 07:40p	1,235 hiszones_50.fis
05/15/2007 07:41p	392 initemp.fis
05/15/2007 07:41p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:41p	2,152 relaxation.fis
07/19/2007 06:26p	389 seismic.dat
05/25/2007 03:20p	2,077 setup.fis
06/20/2007 01:34p	2,871 shake.fis
05/15/2007 02:13p	945 temphis_50.tab
05/15/2007 07:41p	1,628 thermal_50.dat
05/15/2007 03:11p	3,679 thermoprop.fis
05/15/2007 07:41p	3,024 tunnel.dat
06/30/2003 10:41a	373,597 vel_hori_1e-4.tab
06/30/2003 10:40a	373,120 vel_vert_1e-4.tab

15 File(s) 772,995 bytes

Directory of D:\RUD\GCNEDLA-2007\ExhaustMain\Nonlitho_A\cat_1_sup

07/16/2007 10:22a	640 bolt.dat
05/15/2007 07:41p	1,642 boltprop.fis
07/19/2007 07:22p	645 driver.dat
05/15/2007 07:41p	1,235 hiszones_50.fis
05/15/2007 07:41p	392 initemp.fis
05/15/2007 07:41p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis

05/15/2007	07:41p	2,152	relaxation.fis
07/19/2007	07:22p	378	seismic.dat
05/25/2007	03:22p	2,077	setup.fis
05/15/2007	07:41p	2,871	shake.fis
05/25/2007	02:53p	947	temphis_50.tab
05/15/2007	07:41p	1,628	thermal_50.dat
05/15/2007	04:06p	3,679	thermoprop.fis
05/15/2007	07:41p	3,041	tunnel_b.dat
05/15/2007	07:41p	203,437	vel_hori_5e-4.tab
05/15/2007	07:41p	195,677	vel_vert_5e-4.tab

17 File(s) 427,672 bytes

Directory of D:\RUD\GCNEDLA-2007\Turnout\Litho_A\cat_1,3,5

07/18/2007	04:25p	1,756	driver.dat
03/20/2007	10:08p	659	hiszones_50.fis
05/15/2007	07:38p	3,408	makemovie.fis
07/14/2007	02:52p	3,823	properties.fis
05/15/2007	07:39p	2,152	relaxation.fis
07/18/2007	03:24p	451	seismic.dat
05/15/2007	07:39p	2,087	setup.fis
05/15/2007	07:39p	2,874	shake.fis
05/15/2007	07:39p	3,024	tunnel.dat
05/15/2007	07:39p	203,437	vel_hori_5e-4.tab
05/15/2007	07:39p	195,677	vel_vert_5e-4.tab

11 File(s) 419,348 bytes

Directory of D:\RUD\GCNEDLA-2007\Turnout\Litho_A\cat_1_sup

06/22/2007	04:32p	630	bolt.dat
03/20/2007	10:08p	1,592	boltprop.fis
07/18/2007	04:28p	623	driver.dat
03/20/2007	10:08p	659	hiszones_50.fis
05/15/2007	07:39p	3,408	makemovie.fis
07/14/2007	02:52p	3,823	properties.fis
05/15/2007	07:39p	2,152	relaxation.fis
05/25/2007	01:58p	228	seismic.dat
05/15/2007	07:39p	2,087	setup.fis
05/15/2007	07:39p	2,872	shake.fis
05/15/2007	07:39p	3,041	tunnel_b.dat
05/15/2007	07:39p	203,437	vel_hori_5e-4.tab
05/15/2007	07:39p	195,677	vel_vert_5e-4.tab

13 File(s) 420,229 bytes

Directory of D:\RUD\GCNEDLA-2007\Turnout\Nonlitho_A\cat_1,3,5

07/19/2007 08:36a	1,756 driver.dat
03/20/2007 10:08p	659 hiszones_50.fis
05/15/2007 07:38p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
07/19/2007 08:37a	451 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,874 shake.fis
05/15/2007 07:39p	3,024 tunnel.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

11 File(s) 419,348 bytes

Directory of D:\RUD\GCNEDLA-2007\Turnout\Nonlitho_A\cat_1_sup

06/22/2007 04:32p	630 bolt.dat
03/20/2007 10:08p	1,592 boltprop.fis
07/19/2007 08:40a	623 driver.dat
03/20/2007 10:08p	659 hiszones_50.fis
05/15/2007 07:39p	3,408 makemovie.fis
07/14/2007 02:52p	3,823 properties.fis
05/15/2007 07:39p	2,152 relaxation.fis
06/22/2007 05:30p	228 seismic.dat
05/15/2007 07:39p	2,087 setup.fis
05/15/2007 07:39p	2,872 shake.fis
05/15/2007 07:39p	3,041 tunnel_b.dat
05/15/2007 07:39p	203,437 vel_hori_5e-4.tab
05/15/2007 07:39p	195,677 vel_vert_5e-4.tab

13 File(s) 420,229 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\Litho\cat_1

08/08/2007 09:38p	11,207 BLOCK.FIN
08/08/2007 09:38p	6,231 CONTACT.FIN
08/08/2007 09:38p	4,518 driver.dat
08/08/2007 09:38p	41,297 edgelenh.fis
08/08/2007 09:38p	720 fixt.fis
08/08/2007 09:38p	27,046 functions.fis
08/08/2007 09:38p	12,091 geometry.fis
08/08/2007 09:38p	255,590 h1_18.vel
08/08/2007 09:38p	255,591 H2_18.vel
08/08/2007 09:38p	1,005 pillarStress.fis
08/08/2007 09:38p	1,345 plot.dat
08/08/2007 09:38p	6,968 plotfos.dat
08/08/2007 09:38p	413 plotplas.dat
08/08/2007 09:38p	1,044 print.dat

08/08/2007 09:38p 3,147 properties.fis
08/08/2007 09:38p 500 reset.fis
08/08/2007 09:38p 1,404 shake.dat
08/08/2007 09:38p 1,767 states.dat
08/08/2007 09:38p 961 States.fis
08/08/2007 09:38p 1,102 times.fis
08/08/2007 09:38p 195,676 up_18.Vel

21 File(s) 829,623 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\Litho\cat_1_10K_EQ

08/08/2007 09:37p 11,207 BLOCK.FIN
08/08/2007 09:37p 6,231 CONTACT.FIN
08/08/2007 09:37p 4,516 driver.dat
08/08/2007 09:37p 41,297 edgelenh.fis
08/08/2007 09:37p 720 fixt.fis
08/08/2007 09:37p 27,046 functions.fis
08/08/2007 09:37p 12,091 geometry.fis
08/08/2007 09:37p 368,997 h1_19.vel
08/08/2007 09:37p 369,484 h2_19.vel
08/08/2007 09:37p 1,005 pillarStress.fis
08/08/2007 09:37p 1,345 plot.dat
08/08/2007 09:37p 6,968 plotfos.dat
08/08/2007 09:37p 413 plotplas.dat
08/08/2007 09:37p 1,044 print.dat
08/08/2007 09:37p 3,147 properties.fis
08/08/2007 09:37p 500 reset.fis
08/08/2007 09:37p 1,404 shake.dat
08/08/2007 09:37p 1,767 states.dat
08/08/2007 09:37p 961 States.fis
08/08/2007 09:37p 1,102 times.fis
08/08/2007 09:37p 368,522 Up_19.vel

21 File(s) 1,229,767 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\Litho\cat_1_supported

08/08/2007 09:37p 11,207 BLOCK.FIN
08/08/2007 09:37p 3,326 CABLE.FIN
08/08/2007 09:37p 6,231 CONTACT.FIN
08/08/2007 09:37p 8,162 driver.dat
08/08/2007 09:37p 41,297 edgelenh.fis
08/08/2007 09:37p 720 fixt.fis
08/08/2007 09:37p 27,046 functions.fis
08/08/2007 09:37p 12,189 geometry.fis
08/08/2007 09:38p 255,590 h1_18.vel
08/08/2007 09:38p 255,591 H2_18.vel

08/08/2007 09:38p	6,007 LINER.FIN
08/08/2007 09:38p	897 names1.fis
08/08/2007 09:38p	1,005 pillarStress.fis
08/08/2007 09:38p	1,323 plot.dat
08/08/2007 09:38p	3,467 plotcab.dat
08/08/2007 09:38p	415 plotplas.dat
08/08/2007 09:38p	1,046 print.dat
08/08/2007 09:38p	3,147 properties.fis
08/08/2007 09:38p	500 reset.fis
08/08/2007 09:38p	1,400 shake.dat
08/08/2007 09:38p	1,767 states.dat
08/08/2007 09:38p	961 States.fis
08/08/2007 09:38p	29,694 support.fis
08/08/2007 09:38p	1,102 times.fis
08/08/2007 09:38p	195,676 up_18.Vel

25 File(s) 869,766 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\Litho\cat_3

08/08/2007 09:37p	11,207 BLOCK.FIN
08/08/2007 09:37p	6,231 CONTACT.FIN
08/08/2007 09:37p	4,516 driver.dat
08/08/2007 09:37p	41,297 edgelenh.fis
08/08/2007 09:37p	720 fixt.fis
08/08/2007 09:37p	27,046 functions.fis
08/08/2007 09:37p	12,091 geometry.fis
08/08/2007 09:37p	255,590 h1_18.vel
08/08/2007 09:37p	255,591 H2_18.vel
08/08/2007 09:37p	1,005 pillarStress.fis
08/08/2007 09:37p	1,345 plot.dat
08/08/2007 09:37p	6,968 plotfos.dat
08/08/2007 09:37p	413 plotplas.dat
08/08/2007 09:37p	1,044 print.dat
08/08/2007 09:37p	3,147 properties.fis
08/08/2007 09:37p	500 reset.fis
08/08/2007 09:37p	1,404 shake.dat
08/08/2007 09:37p	1,767 states.dat
08/08/2007 09:37p	961 States.fis
08/08/2007 09:37p	1,102 times.fis
08/08/2007 09:37p	195,676 up_18.Vel

21 File(s) 829,621 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\Litho\cat_5

08/08/2007 09:37p	11,207 BLOCK.FIN
08/08/2007 09:37p	6,231 CONTACT.FIN
08/08/2007 09:37p	4,516 driver.dat

08/08/2007 09:37p 41,297 edgelenh.fis
08/08/2007 09:37p 720 fixt.fis
08/08/2007 09:37p 27,046 functions.fis
08/08/2007 09:37p 12,091 geometry.fis
08/08/2007 09:37p 255,590 h1_18.vel
08/08/2007 09:37p 255,591 H2_18.vel
08/08/2007 09:37p 1,005 pillarStress.fis
08/08/2007 09:37p 1,345 plot.dat
08/08/2007 09:37p 6,968 plotfos.dat
08/08/2007 09:37p 413 plotplas.dat
08/08/2007 09:37p 1,044 print.dat
08/08/2007 09:37p 3,147 properties.fis
08/08/2007 09:37p 500 reset.fis
08/08/2007 09:37p 1,404 shake.dat
08/08/2007 09:37p 1,767 states.dat
08/08/2007 09:37p 961 States.fis
08/08/2007 09:37p 1,102 times.fis
08/08/2007 09:37p 195,676 up_18.Vel

21 File(s) 829,621 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_ltasca\3DEC_Data_files\1_Access-Turnout\NonLitho\cat_1

08/08/2007 09:36p 11,207 BLOCK.FIN
08/08/2007 09:36p 6,231 CONTACT.FIN
08/08/2007 09:36p 4,517 driver.dat
08/08/2007 09:36p 41,297 edgelenh.fis
08/08/2007 09:36p 720 fixt.fis
08/08/2007 09:36p 27,046 functions.fis
08/08/2007 09:36p 12,091 geometry.fis
08/08/2007 09:36p 255,590 h1_18.vel
08/08/2007 09:36p 255,591 H2_18.vel
08/08/2007 09:36p 1,005 pillarStress.fis
08/08/2007 09:36p 1,345 plot.dat
08/08/2007 09:36p 6,968 plotfos.dat
08/08/2007 09:36p 413 plotplas.dat
08/08/2007 09:36p 1,044 print.dat
08/08/2007 09:36p 3,147 properties.fis
08/08/2007 09:36p 500 reset.fis
08/08/2007 09:36p 1,404 shake.dat
08/08/2007 09:36p 1,767 states.dat
08/08/2007 09:36p 961 States.fis
08/08/2007 09:36p 1,102 times.fis
08/08/2007 09:37p 195,676 up_18.Vel

21 File(s) 829,622 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\NonLitho\cat_1_10K_EQ

08/08/2007 09:35p	11,207 BLOCK.FIN
08/08/2007 09:35p	6,231 CONTACT.FIN
08/08/2007 09:35p	4,517 driver.dat
08/08/2007 09:35p	41,297 edgelenh.fis
08/08/2007 09:35p	720 fixt.fis
08/08/2007 09:35p	27,046 functions.fis
08/08/2007 09:35p	12,091 geometry.fis
08/08/2007 09:35p	368,997 h1_19.vel
08/08/2007 09:35p	369,484 h2_19.vel
08/08/2007 09:35p	1,005 pillarStress.fis
08/08/2007 09:35p	1,345 plot.dat
08/08/2007 09:35p	6,968 plotfos.dat
08/08/2007 09:35p	413 plotplas.dat
08/08/2007 09:35p	1,044 print.dat
08/08/2007 09:35p	3,147 properties.fis
08/08/2007 09:35p	500 reset.fis
08/08/2007 09:35p	1,404 shake.dat
08/08/2007 09:35p	1,767 states.dat
08/08/2007 09:35p	961 States.fis
08/08/2007 09:35p	1,102 times.fis
08/08/2007 09:35p	368,522 Up_19.vel

21 File(s) 1,229,768 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\NonLitho\cat_1_supported

08/08/2007 09:36p	11,207 BLOCK.FIN
08/08/2007 09:36p	3,326 CABLE.FIN
08/08/2007 09:36p	6,231 CONTACT.FIN
08/08/2007 09:36p	8,163 driver.dat
08/08/2007 09:36p	41,297 edgelenh.fis
08/08/2007 09:36p	720 fixt.fis
08/08/2007 09:36p	27,046 functions.fis
08/08/2007 09:36p	12,189 geometry.fis
08/08/2007 09:36p	255,590 h1_18.vel
08/08/2007 09:36p	255,591 H2_18.vel
08/08/2007 09:36p	6,007 LINER.FIN
08/08/2007 09:36p	897 names1.fis
08/08/2007 09:36p	1,005 pillarStress.fis
08/08/2007 09:36p	1,323 plot.dat
08/08/2007 09:36p	3,467 plotcab.dat
08/08/2007 09:36p	415 plotplas.dat
08/08/2007 09:36p	1,046 print.dat
08/08/2007 09:36p	3,147 properties.fis
08/08/2007 09:36p	500 reset.fis
08/08/2007 09:36p	1,400 shake.dat

08/08/2007 09:36p 1,767 states.dat
08/08/2007 09:36p 961 States.fis
08/08/2007 09:36p 29,694 support.fis
08/08/2007 09:36p 1,102 times.fis
08/08/2007 09:36p 195,676 up_18.Vel

25 File(s) 869,767 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\NonLitho\cat_3

08/08/2007 09:36p 11,207 BLOCK.FIN
08/08/2007 09:36p 6,231 CONTACT.FIN
08/08/2007 09:36p 4,517 driver.dat
08/08/2007 09:36p 41,297 edgelenh.fis
08/08/2007 09:36p 720 fixt.fis
08/08/2007 09:36p 27,046 functions.fis
08/08/2007 09:36p 12,091 geometry.fis
08/08/2007 09:36p 255,590 h1_18.vel
08/08/2007 09:36p 255,591 H2_18.vel
08/08/2007 09:36p 1,005 pillarStress.fis
08/08/2007 09:36p 1,345 plot.dat
08/08/2007 09:36p 6,968 plotfos.dat
08/08/2007 09:36p 413 plotplas.dat
08/08/2007 09:36p 1,044 print.dat
08/08/2007 09:36p 3,147 properties.fis
08/08/2007 09:36p 500 reset.fis
08/08/2007 09:36p 1,404 shake.dat
08/08/2007 09:36p 1,767 states.dat
08/08/2007 09:36p 961 States.fis
08/08/2007 09:36p 1,102 times.fis
08/08/2007 09:36p 195,676 up_18.Vel

21 File(s) 829,622 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\1_Access-Turnout\NonLitho\cat_5

08/08/2007 09:35p 11,207 BLOCK.FIN
08/08/2007 09:35p 6,231 CONTACT.FIN
08/08/2007 09:35p 4,517 driver.dat
08/08/2007 09:35p 41,297 edgelenh.fis
08/08/2007 09:35p 720 fixt.fis
08/08/2007 09:35p 27,046 functions.fis
08/08/2007 09:35p 12,091 geometry.fis
08/08/2007 09:36p 255,590 h1_18.vel
08/08/2007 09:36p 255,591 H2_18.vel
08/08/2007 09:36p 1,005 pillarStress.fis
08/08/2007 09:36p 1,345 plot.dat
08/08/2007 09:36p 6,968 plotfos.dat
08/08/2007 09:36p 413 plotplas.dat

08/08/2007	09:36p	1,044 print.dat
08/08/2007	09:36p	3,147 properties.fis
08/08/2007	09:36p	500 reset.fis
08/08/2007	09:36p	1,404 shake.dat
08/08/2007	09:36p	1,767 states.dat
08/08/2007	09:36p	961 States.fis
08/08/2007	09:36p	1,102 times.fis
08/08/2007	09:36p	195,676 up_18.Vel

21 File(s) 829,622 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_ltasca\3DEC_Data_files\2_Exhaust-Emp.Drift\Litho(B)\cat_1

08/08/2007	09:26p	11,207 BLOCK.FIN
08/08/2007	09:26p	3,326 CABLE.FIN
08/08/2007	09:26p	6,231 CONTACT.FIN
08/08/2007	09:26p	3,750 driver.dat
08/08/2007	09:27p	41,297 edgelenh.fis
08/08/2007	09:27p	720 fixt.fis
08/08/2007	09:27p	27,046 functions.fis
08/08/2007	09:27p	12,292 geometry.fis
08/08/2007	09:27p	255,590 h1_18.vel
08/08/2007	09:27p	255,591 H2_18.vel
08/08/2007	09:27p	4,745 inter.fis
08/08/2007	09:27p	6,007 LINER.FIN
08/08/2007	09:27p	1,002 names.fis
08/08/2007	09:27p	1,005 pillarStress.fis
08/08/2007	09:27p	1,345 plot.dat
08/08/2007	09:27p	413 plotplas.dat
08/08/2007	09:27p	1,044 print.dat
08/08/2007	09:27p	3,147 properties.fis
08/08/2007	09:27p	500 reset.fis
08/08/2007	09:27p	1,373 shake.dat
08/08/2007	09:27p	1,767 states.dat
08/08/2007	09:27p	961 States.fis
08/08/2007	09:27p	29,694 support.fis
08/08/2007	09:27p	33,310 temperature_1.dat
08/08/2007	09:27p	33,310 temperature_10.dat
08/08/2007	09:27p	33,310 temperature_2.dat
08/08/2007	09:27p	33,310 temperature_20.dat
08/08/2007	09:27p	33,310 temperature_3.dat
08/08/2007	09:27p	33,310 temperature_30.dat
08/08/2007	09:27p	33,310 temperature_5.dat
08/08/2007	09:27p	33,310 temperature_50.dat
08/08/2007	09:27p	806 temperatures.fis
08/08/2007	09:27p	1,102 times.fis
08/08/2007	09:27p	195,676 up_18.Vel

34 File(s) 1,134,117 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\2_Exhaust-Emp.Drift\Litho(B)\cat_1_10K_EQ

08/08/2007 09:27p	11,207 BLOCK.FIN
08/08/2007 09:27p	3,326 CABLE.FIN
08/08/2007 09:27p	6,231 CONTACT.FIN
08/08/2007 09:27p	3,750 driver.dat
08/08/2007 09:27p	41,297 edgelenlength.fis
08/08/2007 09:27p	720 fixt.fis
08/08/2007 09:27p	27,046 functions.fis
08/08/2007 09:27p	12,292 geometry.fis
08/08/2007 09:28p	368,997 h1_19.vel
08/08/2007 09:28p	369,484 h2_19.vel
08/08/2007 09:28p	4,745 inter.fis
08/08/2007 09:28p	6,007 LINER.FIN
08/08/2007 09:28p	1,002 names.fis
08/08/2007 09:28p	1,005 pillarStress.fis
08/08/2007 09:28p	1,345 plot.dat
08/08/2007 09:28p	413 plotplas.dat
08/08/2007 09:28p	1,044 print.dat
08/08/2007 09:28p	3,147 properties.fis
08/08/2007 09:28p	500 reset.fis
08/08/2007 09:28p	1,373 shake.dat
08/08/2007 09:28p	1,767 states.dat
08/08/2007 09:28p	961 States.fis
08/08/2007 09:28p	29,694 support.fis
08/08/2007 09:28p	33,310 temperature_1.dat
08/08/2007 09:28p	33,310 temperature_10.dat
08/08/2007 09:28p	33,310 temperature_2.dat
08/08/2007 09:28p	33,310 temperature_20.dat
08/08/2007 09:28p	33,310 temperature_3.dat
08/08/2007 09:28p	33,310 temperature_30.dat
08/08/2007 09:28p	33,310 temperature_5.dat
08/08/2007 09:28p	33,310 temperature_50.dat
08/08/2007 09:28p	806 temperatures.fis
08/08/2007 09:28p	1,102 times.fis
08/08/2007 09:28p	368,522 Up_19.vel

34 File(s) 1,534,263 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\2_Exhaust-Emp.Drift\Litho(B)\cat_1_supported

08/08/2007 09:28p	11,207 BLOCK.FIN
08/08/2007 09:28p	3,326 CABLE.FIN
08/08/2007 09:28p	6,231 CONTACT.FIN
08/08/2007 09:28p	7,198 driver.dat
08/08/2007 09:28p	41,297 edgelenlength.fis

08/08/2007 09:28p 720 fixt.fis
08/08/2007 09:28p 27,046 functions.fis
08/08/2007 09:28p 12,292 geometry.fis
08/08/2007 09:28p 255,590 h1_18.vel
08/08/2007 09:28p 255,591 H2_18.vel
08/08/2007 09:28p 4,745 inter.fis
08/08/2007 09:28p 6,007 LINER.FIN
08/08/2007 09:28p 1,002 names.fis
08/08/2007 09:28p 1,005 pillarStress.fis
08/08/2007 09:28p 1,345 plot.dat
08/08/2007 09:28p 413 plotplas.dat
08/08/2007 09:28p 1,044 print.dat
08/08/2007 09:28p 3,147 properties.fis
08/08/2007 09:28p 500 reset.fis
08/08/2007 09:28p 1,373 shake.dat
08/08/2007 09:28p 1,767 states.dat
08/08/2007 09:28p 961 States.fis
08/08/2007 09:28p 29,694 support.fis
08/08/2007 09:28p 33,310 temperature_1.dat
08/08/2007 09:28p 33,310 temperature_10.dat
08/08/2007 09:28p 33,310 temperature_2.dat
08/08/2007 09:28p 33,310 temperature_20.dat
08/08/2007 09:28p 33,310 temperature_3.dat
08/08/2007 09:28p 33,310 temperature_30.dat
08/08/2007 09:28p 33,310 temperature_5.dat
08/08/2007 09:28p 33,310 temperature_50.dat
08/08/2007 09:28p 806 temperatures.fis
08/08/2007 09:28p 1,102 times.fis
08/08/2007 09:28p 195,676 up_18.Vel
34 File(s) 1,137,565 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_ltasca\3DEC_Data_files\2_Exhaust-Emp.Drift\Litho(B)\cat_3

08/08/2007 09:28p 11,207 BLOCK.FIN
08/08/2007 09:28p 3,326 CABLE.FIN
08/08/2007 09:28p 6,231 CONTACT.FIN
08/08/2007 09:28p 3,750 driver.dat
08/08/2007 09:29p 41,297 edgelenh.fis
08/08/2007 09:29p 720 fixt.fis
08/08/2007 09:29p 27,046 functions.fis
08/08/2007 09:29p 12,292 geometry.fis
08/08/2007 09:29p 255,590 h1_18.vel
08/08/2007 09:29p 255,591 H2_18.vel
08/08/2007 09:29p 4,745 inter.fis
08/08/2007 09:29p 6,007 LINER.FIN
08/08/2007 09:29p 1,002 names.fis
08/08/2007 09:29p 1,005 pillarStress.fis
08/08/2007 09:29p 1,345 plot.dat
08/08/2007 09:29p 413 plotplas.dat
08/08/2007 09:29p 1,044 print.dat

08/08/2007 09:29p 3,147 properties.fis
08/08/2007 09:29p 500 reset.fis
08/08/2007 09:29p 1,373 shake.dat
08/08/2007 09:29p 1,767 states.dat
08/08/2007 09:29p 961 States.fis
08/08/2007 09:29p 29,694 support.fis
08/08/2007 09:29p 33,310 temperature_1.dat
08/08/2007 09:29p 33,310 temperature_10.dat
08/08/2007 09:29p 33,310 temperature_2.dat
08/08/2007 09:29p 33,310 temperature_20.dat
08/08/2007 09:29p 33,310 temperature_3.dat
08/08/2007 09:29p 33,310 temperature_30.dat
08/08/2007 09:29p 33,310 temperature_5.dat
08/08/2007 09:29p 33,310 temperature_50.dat
08/08/2007 09:29p 806 temperatures.fis
08/08/2007 09:29p 1,102 times.fis
08/08/2007 09:29p 195,676 up_18.Vel

34 File(s) 1,134,117bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_ltasca\3DEC_Data_files\2_Exhaust-Emp.Drift\Litho(B)\cat_5

08/08/2007 09:29p 11,207 BLOCK.FIN
08/08/2007 09:29p 3,326 CABLE.FIN
08/08/2007 09:29p 6,231 CONTACT.FIN
08/08/2007 09:29p 3,750 driver.dat
08/08/2007 09:29p 41,297 edgelenlength.fis
08/08/2007 09:29p 720 fixt.fis
08/08/2007 09:29p 27,046 functions.fis
08/08/2007 09:29p 12,292 geometry.fis
08/08/2007 09:29p 255,590 h1_18.vel
08/08/2007 09:29p 255,591 H2_18.vel
08/08/2007 09:29p 4,745 inter.fis
08/08/2007 09:29p 6,007 LINER.FIN
08/08/2007 09:29p 1,002 names.fis
08/08/2007 09:29p 1,005 pillarStress.fis
08/08/2007 09:29p 1,345 plot.dat
08/08/2007 09:29p 413 plotplas.dat
08/08/2007 09:29p 1,044 print.dat
08/08/2007 09:29p 3,147 properties.fis
08/08/2007 09:29p 500 reset.fis
08/08/2007 09:29p 1,373 shake.dat
08/08/2007 09:29p 1,767 states.dat
08/08/2007 09:29p 961 States.fis
08/08/2007 09:29p 29,694 support.fis
08/08/2007 09:29p 33,310 temperature_1.dat
08/08/2007 09:29p 33,310 temperature_10.dat
08/08/2007 09:29p 33,310 temperature_2.dat
08/08/2007 09:29p 33,310 temperature_20.dat

08/08/2007 09:29p	33,310 temperature_3.dat
08/08/2007 09:29p	33,310 temperature_30.dat
08/08/2007 09:29p	33,310 temperature_5.dat
08/08/2007 09:29p	33,310 temperature_50.dat
08/08/2007 09:29p	806 temperatures.fis
08/08/2007 09:29p	1,102 times.fis
08/08/2007 09:29p	195,676 up_18.Vel

34 File(s) 1,134,117 bytes

Directory of D:\RUD\GCNEDLA-2007\Data files_Itasca\3DEC_Data_files\2_Exhaust-Emp.Drift\NonLitho(C)\cat_1

08/08/2007 09:30p	11,207 BLOCK.FIN
08/08/2007 09:30p	6,231 CONTACT.FIN
08/08/2007 09:30p	3,695 driver.dat
08/08/2007 09:30p	41,297 edgelenh.fis
08/08/2007 09:30p	720 fixt.fis
08/08/2007 09:30p	27,046 functions.fis
08/08/2007 09:30p	12,091 geometry.fis
08/08/2007 09:30p	255,590 h1_18.vel
08/08/2007 09:30p	255,591 H2_18.vel
08/08/2007 09:30p	4,745 inter.fis
08/08/2007 09:30p	1,005 pillarStress.fis
08/08/2007 09:30p	1,318 plot.dat
08/08/2007 09:30p	1,337 plotd.dat
08/08/2007 09:30p	405 plotplas.dat
08/08/2007 09:30p	413 plotplasd.dat
08/08/2007 09:30p	1,036 print.dat
08/08/2007 09:30p	1,044 printd.dat
08/08/2007 09:30p	3,147 properties.fis
08/08/2007 09:30p	500 reset.fis
08/08/2007 09:30p	1,767 states.dat
08/08/2007 09:30p	961 States.fis
08/08/2007 09:30p	33,310 temperature_1.dat
08/08/2007 09:30p	33,310 temperature_10.dat
08/08/2007 09:30p	33,310 temperature_2.dat
08/08/2007 09:30p	33,310 temperature_20.dat
08/08/2007 09:30p	33,310 temperature_3.dat
08/08/2007 09:30p	33,310 temperature_30.dat
08/08/2007 09:30p	33,310 temperature_5.dat
08/08/2007 09:30p	33,310 temperature_50.dat
08/08/2007 09:30p	1,102 times.fis
08/08/2007 09:30p	195,676 up_18.Vel

31 File(s) 1,094,404 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\3DEC_Data_files\3_Pc_Drift(intersectionOD-EM)\Litho\cat_1

08/08/2007 09:30p 11,207 BLOCK.FIN
08/08/2007 09:30p 6,231 CONTACT.FIN
08/08/2007 09:30p 3,190 driver.dat
08/08/2007 09:30p 41,297 edgelenh.fis
08/08/2007 09:30p 720 fixt.fis
08/08/2007 09:31p 27,318 functions.fis
08/08/2007 09:31p 12,091 geometry.fis
08/08/2007 09:31p 255,590 h1_18.vel
08/08/2007 09:31p 255,591 H2_18.vel
08/08/2007 09:31p 4,745 inter.fis
08/08/2007 09:31p 1,005 pillarStress.fis
08/08/2007 09:31p 1,345 plot.dat
08/08/2007 09:31p 413 plotplas.dat
08/08/2007 09:31p 1,044 print.dat
08/08/2007 09:31p 3,147 properties.fis
08/08/2007 09:31p 500 reset.fis
08/08/2007 09:31p 1,386 shake.dat
08/08/2007 09:31p 1,767 states.dat
08/08/2007 09:31p 961 States.fis
08/08/2007 09:31p 33,310 temperature_1.dat
08/08/2007 09:31p 33,310 temperature_10.dat
08/08/2007 09:31p 33,310 temperature_2.dat
08/08/2007 09:31p 33,310 temperature_20.dat
08/08/2007 09:31p 33,310 temperature_3.dat
08/08/2007 09:31p 33,310 temperature_30.dat
08/08/2007 09:31p 33,310 temperature_5.dat
08/08/2007 09:31p 33,310 temperature_50.dat
08/08/2007 09:31p 502 temperatures.fis
08/08/2007 09:31p 1,102 times.fis
08/08/2007 09:31p 195,676 up_18.Vel

30 File(s) 1,093,308 bytes

Directory of D:\RUD\GCNEDLA-2007\Data

files_Itasca\3DEC_Data_files\3_Pc_Drift(intersectionOD-EM)\Litho\cat_1_supported

08/08/2007 09:31p 11,207 BLOCK.FIN
08/08/2007 09:31p 3,326 CABLE.FIN
08/08/2007 09:31p 6,231 CONTACT.FIN
08/08/2007 09:31p 5,665 driver.dat
08/08/2007 09:31p 41,297 edgelenh.fis
08/08/2007 09:31p 720 fixt.fis
08/08/2007 09:31p 27,318 functions.fis
08/08/2007 09:31p 12,091 geometry.fis
08/08/2007 09:31p 255,590 h1_18.vel
08/08/2007 09:31p 255,591 H2_18.vel
08/08/2007 09:31p 4,745 inter.fis
08/08/2007 09:31p 6,007 LINER.FIN
08/08/2007 09:31p 1,005 pillarStress.fis
08/08/2007 09:31p 1,345 plot.dat

08/08/2007 09:31p	413 plotplas.dat
08/08/2007 09:31p	1,044 print.dat
08/08/2007 09:31p	3,147 properties.fis
08/08/2007 09:31p	500 reset.fis
08/08/2007 09:31p	1,386 shake.dat
08/08/2007 09:31p	1,767 states.dat
08/08/2007 09:31p	961 States.fis
08/08/2007 09:31p	40,693 support.fis
08/08/2007 09:31p	33,310 temperature_1.dat
08/08/2007 09:31p	33,310 temperature_10.dat
08/08/2007 09:31p	33,310 temperature_2.dat
08/08/2007 09:31p	33,310 temperature_20.dat
08/08/2007 09:31p	33,310 temperature_3.dat
08/08/2007 09:31p	33,310 temperature_30.dat
08/08/2007 09:31p	33,310 temperature_5.dat
08/08/2007 09:31p	33,310 temperature_50.dat
08/08/2007 09:31p	502 temperatures.fis
08/08/2007 09:31p	1,102 times.fis
08/08/2007 09:31p	195,676 up_18.Vel

33 File(s) 1,145,809 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\3DEC_Data_files\3_Pc_Drift(intersectionOD-EM)\Litho\cat_3

08/08/2007 09:31p	11,207 BLOCK.FIN
08/08/2007 09:31p	6,231 CONTACT.FIN
08/08/2007 09:31p	3,188 driver.dat
08/08/2007 09:31p	41,297 edgelenh.fis
08/08/2007 09:31p	720 fixt.fis
08/08/2007 09:31p	27,318 functions.fis
08/08/2007 09:33p	12,091 geometry.fis
08/08/2007 09:33p	255,590 h1_18.vel
08/08/2007 09:33p	114,688 H2_18.vel
08/08/2007 09:34p	4,745 inter.fis
08/08/2007 09:34p	1,005 pillarStress.fis
08/08/2007 09:34p	1,345 plot.dat
08/08/2007 09:34p	413 plotplas.dat
08/08/2007 09:34p	1,044 print.dat
08/08/2007 09:34p	3,147 properties.fis
08/08/2007 09:34p	500 reset.fis
08/08/2007 09:34p	1,386 shake.dat
08/08/2007 09:34p	1,767 states.dat
08/08/2007 09:34p	961 States.fis
08/08/2007 09:34p	33,310 temperature_1.dat
08/08/2007 09:34p	33,310 temperature_10.dat
08/08/2007 09:34p	33,310 temperature_2.dat
08/08/2007 09:34p	33,310 temperature_20.dat
08/08/2007 09:34p	33,310 temperature_3.dat
08/08/2007 09:34p	33,310 temperature_30.dat

08/08/2007 09:34p	33,310	temperature_5.dat
08/08/2007 09:34p	33,310	temperature_50.dat
08/08/2007 09:34p	502	temperatures.fis
08/08/2007 09:34p	1,102	times.fis
08/08/2007 09:34p	195,676	up_18.Vel

30 File(s) 952,403 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\Lith\cat_1(no_ther)

08/08/2007 07:29p	1,022	degradation.dat
08/08/2007 07:29p	1,017	driver.dat
08/08/2007 07:29p	17,296	extract.fis
08/08/2007 07:29p	18,343	functions.fis
08/08/2007 07:29p	2,767	inter.fis
08/08/2007 07:29p	209	LaunchCham_Lith_cat1_eq.dat
08/08/2007 07:29p	731	plot.dat
08/08/2007 07:29p	902	print.dat
08/08/2007 07:29p	4,110	properties.fis
08/08/2007 07:29p	507	shake.dat
08/08/2007 07:29p	200	temperatures.fis
08/08/2007 07:29p	1,102	TIMES.FIS
08/08/2007 07:29p	1,898	tunnel.dat
08/08/2007 07:29p	203,437	vel_hori_5e-4.tab
08/08/2007 07:29p	195,677	vel_vert_5e-4.tab

15 File(s) 449,218 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\Lith\cat_1_supported(no_ther)

08/08/2007 07:29p	1,115	degradation.dat
08/08/2007 07:29p	1,522	driver.dat
08/08/2007 07:29p	17,296	extract.fis
08/08/2007 07:29p	23,721	functions.fis
08/08/2007 07:29p	2,767	inter.fis
08/08/2007 07:29p	209	LaunchCham_Lith_cat1_S_eq.dat
08/08/2007 07:29p	731	plot.dat
08/08/2007 07:29p	902	print.dat
08/08/2007 07:29p	4,110	properties.fis
08/08/2007 07:29p	535	shake.dat
08/08/2007 07:29p	9,668	Str.fin
08/08/2007 07:29p	5,068	support.fis
08/08/2007 07:29p	200	temperatures.fis
08/08/2007 07:29p	1,102	TIMES.FIS
08/08/2007 07:29p	1,898	tunnel.dat
08/08/2007 07:29p	203,437	vel_hori_5e-4.tab
08/08/2007 07:29p	195,677	vel_vert_5e-4.tab

17 File(s) 469,958 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\Litho\cat_3(no_ther)

08/08/2007 07:29p	1,022	degradation.dat
08/08/2007 07:29p	1,017	driver.dat
08/08/2007 07:29p	17,296	extract.fis
08/08/2007 07:29p	18,343	functions.fis
08/08/2007 07:29p	2,767	inter.fis
08/08/2007 07:29p	209	LaunchCham_Lith_cat3_eq.dat
08/08/2007 07:29p	731	plot.dat
08/08/2007 07:29p	902	print.dat
08/08/2007 07:30p	4,110	properties.fis
08/08/2007 07:30p	507	shake.dat
08/08/2007 07:30p	200	temperatures.fis
08/08/2007 07:30p	1,102	TIMES.FIS
08/08/2007 07:30p	1,898	tunnel.dat
08/08/2007 07:30p	203,437	vel_hori_5e-4.tab
08/08/2007 07:30p	195,677	vel_vert_5e-4.tab

15 File(s) 449,218 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\NonLitho\cat_1(no_ther)

08/08/2007 07:30p	1,022	degradation.dat
08/08/2007 07:30p	1,018	driver.dat
08/08/2007 07:30p	17,296	extract.fis
08/08/2007 07:30p	18,343	functions.fis
08/08/2007 07:30p	2,767	inter.fis
08/08/2007 07:30p	210	LaunchCham_NonLith_cat1_eq.dat
08/08/2007 07:30p	731	plot.dat
08/08/2007 07:30p	902	print.dat
08/08/2007 07:30p	4,110	properties.fis
08/08/2007 07:30p	507	shake.dat
08/08/2007 07:30p	200	temperatures.fis
08/08/2007 07:30p	1,102	TIMES.FIS
08/08/2007 07:30p	1,898	tunnel.dat
08/08/2007 07:30p	203,437	vel_hori_5e-4.tab
08/08/2007 07:30p	195,677	vel_vert_5e-4.tab

15 File(s) 449,220 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\NonLitho\cat_1_supported(no_ther)

08/08/2007 07:30p	1,115	degradation.dat
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08/08/2007 07:30p	1,523 driver.dat
08/08/2007 07:30p	17,296 extract.fis
08/08/2007 07:30p	23,721 functions.fis
08/08/2007 07:30p	2,767 inter.fis
08/08/2007 07:30p	210 LaunchCham_NonLith_cat1_S_eq.dat
08/08/2007 07:30p	731 plot.dat
08/08/2007 07:30p	902 print.dat
08/08/2007 07:30p	4,110 properties.fis
08/08/2007 07:30p	535 shake.dat
08/08/2007 07:30p	9,668 Str.fin
08/08/2007 07:30p	5,068 support.fis
08/08/2007 07:30p	200 temperatures.fis
08/08/2007 07:30p	1,102 TIMES.FIS
08/08/2007 07:30p	1,898 tunnel.dat
08/08/2007 07:30p	203,437 vel_hori_5e-4.tab
08/08/2007 07:30p	195,677 vel_vert_5e-4.tab

17 File(s) 469,960 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\Launch_Chamber\NonLitho\cat_3(no_ther)

08/08/2007 07:30p	1,022 degradation.dat
08/08/2007 07:30p	1,018 driver.dat
08/08/2007 07:30p	17,296 extract.fis
08/08/2007 07:30p	18,343 functions.fis
08/08/2007 07:30p	2,767 inter.fis
08/08/2007 07:30p	210 LaunchCham_NonLith_cat3_eq.dat
08/08/2007 07:30p	731 plot.dat
08/08/2007 07:30p	902 print.dat
08/08/2007 07:30p	4,110 properties.fis
08/08/2007 07:30p	507 shake.dat
08/08/2007 07:30p	200 temperatures.fis
08/08/2007 07:30p	1,102 TIMES.FIS
08/08/2007 07:30p	1,898 tunnel.dat
08/08/2007 07:30p	203,437 vel_hori_5e-4.tab
08/08/2007 07:30p	195,677 vel_vert_5e-4.tab

15 File(s) 449,220 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\Litho\cat_1

08/08/2007 07:30p	1,474 degradation.dat
08/08/2007 07:30p	1,474 degradation_standard.dat
08/08/2007 07:30p	1,949 driver.dat
08/08/2007 07:30p	17,296 extract.fis
08/08/2007 07:30p	23,637 functions.fis
08/08/2007 07:30p	2,767 inter.fis
08/08/2007 07:30p	731 plot.dat

08/08/2007 07:30p	902 print.dat
08/08/2007 07:30p	4,110 properties.fis
08/08/2007 07:30p	536 shake.dat
08/08/2007 07:30p	33,310 temperature_1.dat
08/08/2007 07:30p	33,310 temperature_10.dat
08/08/2007 07:30p	33,310 temperature_2.dat
08/08/2007 07:30p	33,310 temperature_20.dat
08/08/2007 07:30p	33,310 temperature_3.dat
08/08/2007 07:30p	33,310 temperature_30.dat
08/08/2007 07:30p	33,310 temperature_5.dat
08/08/2007 07:30p	33,310 temperature_50.dat
08/08/2007 07:30p	200 temperatures.fis
08/08/2007 07:30p	1,102 TIMES.FIS
08/08/2007 07:30p	1,901 tunnel.dat
08/08/2007 07:30p	1,896 tunnel_standard.dat
08/08/2007 07:30p	203,437 vel_hori_5e-4.tab
08/08/2007 07:30p	195,677 vel_vert_5e-4.tab

24 File(s) 725,569 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\Litho\cat_1_supported

08/08/2007 07:31p	1,472 degradation.dat
08/08/2007 07:31p	2,494 driver.dat
08/08/2007 07:31p	17,296 extract.fis
08/08/2007 07:31p	23,968 functions.fis
08/08/2007 07:31p	2,767 inter.fis
08/08/2007 07:31p	731 plot.dat
08/08/2007 07:31p	902 print.dat
08/08/2007 07:31p	4,110 properties.fis
08/08/2007 07:31p	535 shake.dat
08/08/2007 07:31p	9,668 Str.fin
08/08/2007 07:31p	5,053 support.fis
08/08/2007 07:31p	33,310 temperature_1.dat
08/08/2007 07:31p	33,310 temperature_10.dat
08/08/2007 07:31p	33,310 temperature_2.dat
08/08/2007 07:31p	33,310 temperature_20.dat
08/08/2007 07:31p	33,310 temperature_3.dat
08/08/2007 07:31p	33,310 temperature_30.dat
08/08/2007 07:31p	33,310 temperature_5.dat
08/08/2007 07:31p	33,310 temperature_50.dat
08/08/2007 07:31p	200 temperatures.fis
08/08/2007 07:31p	1,102 TIMES.FIS
08/08/2007 07:31p	1,898 tunnel.dat
08/08/2007 07:31p	203,437 vel_hori_5e-4.tab
08/08/2007 07:31p	195,677 vel_vert_5e-4.tab

24 File(s) 737,790 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\Litho\cat_3

08/08/2007 07:31p	1,474	degradation.dat
08/08/2007 07:31p	1,949	driver.dat
08/08/2007 07:31p	17,296	extract.fis
08/08/2007 07:31p	23,637	functions.fis
08/08/2007 07:31p	2,767	inter.fis
08/08/2007 07:31p	731	plot.dat
08/08/2007 07:31p	902	print.dat
08/08/2007 07:31p	4,110	properties.fis
08/08/2007 07:31p	536	shake.dat
08/08/2007 07:31p	33,310	temperature_1.dat
08/08/2007 07:31p	33,310	temperature_10.dat
08/08/2007 07:31p	33,310	temperature_2.dat
08/08/2007 07:31p	33,310	temperature_20.dat
08/08/2007 07:31p	33,310	temperature_3.dat
08/08/2007 07:31p	33,310	temperature_30.dat
08/08/2007 07:31p	33,310	temperature_5.dat
08/08/2007 07:31p	33,310	temperature_50.dat
08/08/2007 07:31p	200	temperatures.fis
08/08/2007 07:31p	1,102	TIMES.FIS
08/08/2007 07:31p	1,898	tunnel.dat
08/08/2007 07:31p	203,437	vel_hori_5e-4.tab
08/08/2007 07:31p	195,677	vel_vert_5e-4.tab

22 File(s) 722,196 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\NonLitho\cat_1

08/08/2007 07:31p	1,474	degradation.dat
08/08/2007 07:31p	1,953	driver.dat
08/08/2007 07:31p	17,296	extract.fis
08/08/2007 07:31p	23,637	functions.fis
08/08/2007 07:31p	2,767	inter.fis
08/08/2007 07:31p	731	plot.dat
08/08/2007 07:31p	902	print.dat
08/08/2007 07:31p	4,110	properties.fis
08/08/2007 07:31p	536	shake.dat
08/08/2007 07:31p	33,310	temperature_1.dat
08/08/2007 07:31p	33,310	temperature_10.dat
08/08/2007 07:31p	33,310	temperature_2.dat
08/08/2007 07:31p	33,310	temperature_20.dat
08/08/2007 07:31p	33,310	temperature_3.dat
08/08/2007 07:31p	33,310	temperature_30.dat
08/08/2007 07:31p	33,310	temperature_5.dat
08/08/2007 07:31p	33,310	temperature_50.dat
08/08/2007 07:31p	200	temperatures.fis

08/08/2007 07:31p	1,102 TIMES.FIS
08/08/2007 07:31p	1,898 tunnel.dat
08/08/2007 07:31p	203,437 vel_hori_5e-4.tab
08/08/2007 07:31p	195,677 vel_vert_5e-4.tab

22 File(s) 722,200 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\NonLitho\cat_1_supported

08/08/2007 07:31p	1,472 degradation.dat
08/08/2007 07:31p	2,498 driver.dat
08/08/2007 07:31p	17,296 extract.fis
08/08/2007 07:31p	23,968 functions.fis
08/08/2007 07:31p	2,767 inter.fis
08/08/2007 07:31p	731 plot.dat
08/08/2007 07:31p	902 print.dat
08/08/2007 07:31p	4,110 properties.fis
08/08/2007 07:31p	535 shake.dat
08/08/2007 07:31p	9,668 Str.fin
08/08/2007 07:31p	5,053 support.fis
08/08/2007 07:31p	33,310 temperature_1.dat
08/08/2007 07:31p	33,310 temperature_10.dat
08/08/2007 07:31p	33,310 temperature_2.dat
08/08/2007 07:32p	33,310 temperature_20.dat
08/08/2007 07:32p	33,310 temperature_3.dat
08/08/2007 07:32p	33,310 temperature_30.dat
08/08/2007 07:32p	33,310 temperature_5.dat
08/08/2007 07:32p	33,310 temperature_50.dat
08/08/2007 07:31p	200 temperatures.fis
08/08/2007 07:32p	1,102 TIMES.FIS
08/08/2007 07:32p	1,898 tunnel.dat
08/08/2007 07:32p	203,437 vel_hori_5e-4.tab
08/08/2007 07:32p	195,677 vel_vert_5e-4.tab

24 File(s) 737,794 bytes

Directory of D:\RUD\GCNEDLA-2007\Data
files_Itasca\FLACDataFiles\ObservationDrift\NonLitho\cat_3

08/08/2007 07:32p	1,474 degradation.dat
08/08/2007 07:32p	1,953 driver.dat
08/08/2007 07:32p	17,296 extract.fis
08/08/2007 07:32p	23,637 functions.fis
08/08/2007 07:32p	2,767 inter.fis
08/08/2007 07:32p	731 plot.dat
08/08/2007 07:32p	902 print.dat
08/08/2007 07:32p	4,110 properties.fis
08/08/2007 07:32p	536 shake.dat

08/08/2007 07:32p 33,310 temperature_1.dat
08/08/2007 07:32p 33,310 temperature_10.dat
08/08/2007 07:32p 33,310 temperature_2.dat
08/08/2007 07:32p 33,310 temperature_20.dat
08/08/2007 07:32p 33,310 temperature_3.dat
08/08/2007 07:32p 33,310 temperature_30.dat
08/08/2007 07:32p 33,310 temperature_5.dat
08/08/2007 07:32p 33,310 temperature_50.dat
08/08/2007 07:32p 200 temperatures.fis
08/08/2007 07:32p 1,102 TIMES.FIS
08/08/2007 07:32p 1,898 tunnel.dat
08/08/2007 07:32p 203,437 vel_hori_5e-4.tab
08/08/2007 07:32p 195,677 vel_vert_5e-4.tab

22 File(s) 722,200 bytes

Directory of D:\RUD\GCNEDLA-2007\4_North_Portal\final_run

09/11/2007 04:10p 879 [0]_3DEC_Slope_[MASTER].dat
09/11/2007 04:10p 4,865 [1]_3DEC_Slope_[Block_Def].dat
09/11/2007 04:10p 5,656 [2]_3DEC_Slope_[Block_Zon].dat
09/27/2007 07:09a 6,177 [3]_3DEC_Slope_[Run_Consol].dat
09/11/2007 04:10p 17,368 [4]_3DEC_Slope_[Run_Excav].dat
09/11/2007 04:10p 10,858 [5]_3DEC_Slope_[Run_Seismic].dat
09/11/2007 04:10p 11,207 BLOCK.FIN
09/11/2007 04:10p 0 Fish_functions_[1].fis
09/11/2007 04:10p 0 Fish_functions_[2].fis
09/11/2007 04:10p 10,703 Fish_functions_[3].fis
09/11/2007 04:10p 0 Fish_functions_[4].fis
09/11/2007 04:10p 1,327 Fish_functions_[5].fis
09/11/2007 04:10p 27,318 functions.fis
09/11/2007 04:10p 255,590 H1_18.vel
09/11/2007 04:10p 255,591 H2_18.vel
09/11/2007 04:10p 24,426 New_topo_[3DEC_file].dat
09/11/2007 04:10p 3,147 properties.fis
09/11/2007 04:10p 195,676 UP_18.Vel

18 File(s) 830,788 bytes

Directory of D:\RUD\GCNEDLA-2007\5_Pillar_btwn_AccessShaft_EM\Pillar

09/26/2007 12:33a 11,207 BLOCK.FIN
09/26/2007 12:32a 6,231 CONTACT.FIN
09/26/2007 12:33a 4,283 driver_ther_eq.dat
09/26/2007 12:33a 41,297 edgelenh.fis
09/26/2007 12:33a 720 fixt.fis
09/26/2007 12:33a 27,046 functions.fis
09/26/2007 12:33a 12,091 geometry.fis
09/26/2007 12:33a 255,590 h1_18.vel
09/26/2007 12:33a 255,591 H2_18.vel
09/26/2007 12:32a 4,840 inter.fis

09/26/2007	12:33a	1,005 pillarStress.fis
09/26/2007	12:33a	413 plotplas.dat
09/26/2007	12:33a	1,044 print.dat
09/26/2007	12:33a	3,147 properties.fis
09/26/2007	12:33a	48 rerun.dat
09/26/2007	12:33a	500 reset.fis
09/26/2007	12:33a	1,767 states.dat
09/26/2007	12:32a	961 States.fis
09/26/2007	12:33a	33,310 temperature_1.dat
09/26/2007	12:33a	33,310 temperature_10.dat
09/26/2007	12:33a	33,310 temperature_2.dat
09/26/2007	12:33a	33,310 temperature_20.dat
09/26/2007	12:33a	33,310 temperature_3.dat
09/26/2007	12:33a	33,310 temperature_30.dat
09/26/2007	12:33a	33,310 temperature_5.dat
09/26/2007	12:33a	33,310 temperature_50.dat
09/26/2007	12:33a	806 temperatures.fis
09/26/2007	12:33a	1,102 times.fis
09/26/2007	12:33a	195,676 UP_18.Vel

29 File(s) 1,091,845 bytes