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ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

Energy West Mining Company
P.O. Box 310
15 No Main Street
Huntington, Utah 84528

May 15, 2009

#3295
OK

Utah Coal Regulatory Program
Division of Oil, Gas and Mining
1594 West North Temple, Suite 121 0
Box 145801
Salt Lake City, Utah 84114-5801

RECEIVED
MAY 20 2009
DIV. OF OIL, GAS & MINING

Re: Submittal of Annual and Subsidence Reports for 2008, PacifiCorp, Trail Mountain Mine, C/015/009, Cottonwood Mine, C/015/019, Deer Creek Mine, C/015/018, Des-Bee-Dove, C/015/017, Emery County, Utah.

PacifiCorp, by and through its wholly-owned subsidiary, Energy West Mining Company as mine operator, herewith makes a partial submittal of the Annual and Subsidence Reports for 2008.

Energy West requested an extension for the submittal of the Hydrologic report. Approval of this extension request was granted on May 11, 2009 for an additional 30 days. This report will be sent as an electronic file on CD.

Additionally, there are two (3) CD's being submitted. The first CD contains the Annual Report forms information, and data that is not confidential. The second CD contains confidential raptor data. The CD is marked as "CONFIDENTIAL". The third CD contains the Subsidence Report.

Please find enclosed two (2) CD copies of the submitted reports. If there are any questions or concerns please call Dennis Oakley at 687-4825.

Sincerely,

Kenneth S. Fleck

Ken Fleck
Geology and Environmental Affairs Manager

cc: (File)

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File in:
C/015/0018, 2009, Incoming
Refer to:
☒ Confidential CD
☒ Shelf
☐ Expandable
Date 05/15/09 For additional information

Energy West Mining Company

Annual Subsidence Monitoring Report

East and Trail Mountain Properties – 2008

INTRODUCTION

Energy West's East Mountain/Trail Mountain subsidence monitoring study is an ongoing project designed to detect, observe, and report the effects of mining-induced subsidence above the Deer Creek, Trail Mountain, Wilberg/Cottonwood, and Des-Bee-Dove Mines (see Figure 1). This is the twenty-fourth such annual report submitted, and covers the period between September 1, 2007 and August 31, 2008.

The initial report submitted in 1982 details the monitoring methods used in the study; therefore, they are not discussed in depth here. Energy West uses aerial photogrammetric survey methods and annual helicopter reconnaissance flights to monitor subsidence.

The aerial photogrammetry work is contracted to a commercial mapping company. Contracts for the work are bid and awarded for three-year periods. Between 1982 and 1987 the work was contracted through Intermountain Aerial Surveys. They established reading points on generally a 200-foot grid but adjusted the location of each point to be on easily reproducible locations. Between 1988 and 1990 the work was contracted to Maps Inc. Maps, Inc. used a 200-foot uniformly spaced grid. In 1991 the work was contracted to MapCon mapping consultants. The owners of this company were previously employed by

Intermountain Aerial Surveys and felt that better results could be obtained by using the original grid established by Intermountain Aerial Surveys. Therefore, the photogrammetric process reverted back to the original monitoring grid. A change in the method of reading the aerial photographs may result in some slight changes in measured subsidence in some areas. Also, it is crucial that accurate paneled ground control points be surveyed and recorded on the photographs to allow close subsidence readings. Between 1987 and 1990, some of the survey control points in the more difficult to reach areas were not properly paneled and could not be identified on the photographs. It appears that this diminished the precision of the subsidence reading in some of the areas during those years.

Using the aerial photographs derived from flights conducted in November, 2008, elevations were measured at 25,528 different points. These elevations were then compared with the baseline survey elevations measured from the aerial photos collected in 1980, 1986, 1987, 1994 and 2000. The difference in elevation between the original surveys and the 2006 survey constitutes the total amount of subsidence that has occurred. A reconnaissance helicopter overflight on July 11, 2008, did not reveal any new surface effects from subsidence since 2007.

Raw data is included as an appendix to this report in an ASCII file called 2008SUB.TXT. Helicopter reconnaissance flights in May, June, and July of 2008 revealed no new fracturing or visible signs of subsidence in any of the other monitored areas. Prior to PacifiCorp's acquisition of the Trail Mountain Mine from ARCO Coal Co. in 1992, subsidence was monitored with conventional ground monuments and transit surveys.

Nowhere did that monitoring identify subsidence greater than a few tenths of feet. Longwall mining was completed in the Trail Mountain Mine in 2001. As a result, subsidence has been detected and is reported herein.

Location

Figure 2 shows all areas above Energy West's mines that have potential for mining-induced subsidence. In 2008 seventeen areas of potential subsidence were monitored and mapped. In areas where subsidence has been detected, data is shown in the form of contour maps and profiles. In many areas of subsidence the angle-of-draw has been calculated and reported; however, in some of the cases the angle should not be considered the actual final angle-of-draw due to several factors. For example, the zone of subsidence to date may be small and contained within the underlying mined area, suggesting that the subsidence has not yet reached its maximum extent. Also, many mined sections are surrounded by other older workings that influence the calculation. In a few areas where the mined-out workings are surrounded by burned coal, the failure of burn voids or clinker beds promotes subsidence outside the mined area resulting in an angle-of-draw greater than might be expected.

Three of the original twenty-five areas chosen for subsidence monitoring were either incorporated into other maps (Areas 9 and 10) or not been represented on an individual map (Area 12) due to complete lack of subsidence over time. These areas are still mentioned in the report, but are not shown on individual maps or profiles.

Lease Relinquishment and Reduction in Subsidence Monitoring

Several portions of the original mine leases have been relinquished, which means that subsidence in those areas has been shown to be complete enough for the relinquishment to take place. Having relinquished these areas, or in the case of area 12, where no measurable subsidence has occurred, Energy West will no longer report on the subsidence conditions for those areas. They are: 1, 2, 7, 9-10, 12, 15, 16, and 17, all in the south end of the East Mountain. Also, all areas above the Des-Bee-Dove mines (areas 8 and 13) are considered to be completely subsided. Of the original 25 areas that have been chosen for subsidence monitoring, 16 are detailed in this report: 3, 4, 5, 6, 11, 14, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 and 28 (new). Future lease relinquishments will result in further reduction in monitoring of the older areas.

Area 3

Deer Creek 1st North Area

Most of the 1st North section of the Deer Creek Mine was abandoned and sealed in 1978 after being mined out. Pillar extraction in the 3rd Left and 1 ½ North sections was completed early in 1980 (Figure 3).

The subsidence above 1st North occurs on a narrow ridge capped by a highly fractured sandstone. The subsidence measured is depicted in Figure 3. The profile chart (Chart 1) for Area 3 is a profile of total subsidence as it occurred above the workings. The subsidence in Area 3 has shown no significant change in the past 9 years.

A helicopter survey in 2008 did not reveal any new surface cracks or new areas of cliff failure.

No angle-of-draw was determined due to the steep slopes, and the presence of burned coal. No surface springs have been affected by mining in 1st North.

Area 4

Deer Creek 2nd through 17th Right Longwall Panels

Cottonwood 9th, 8th, 5th – 2nd Left Longwall Panels

This is a dual-seam mining area. Longwall mining began in Deer Creek in the 2nd Right longwall panel in 1980 and ended in August 1991 with the completion of the 17th Right panel (Figure 4). In the underlying Cottonwood Mine, longwall mining began in September of 1992 in the 9th Left Panel off 2nd North. The 8th Left Panel was completed February 1993. Mining resumed in this area in the 5th Left Longwall Panel in August of 1994 and continued through August of 1995 when mining was active in the 2nd Left longwall panel (Figure 4). Subsidence in Area 4 was detected for the first time in 1984 by photogrammetric methods.

Maximum subsidence increased dramatically between 1994 and 1995, from eight feet caused by mining in Deer Creek to over thirteen feet (Figure 4) due to the additional mining in the Hiawatha seam in Cottonwood Mine. The subsidence has been virtually unchanged between 1995 and 2008 as shown in the subsidence profile charts (Charts 2 & 3).

Surface fractures were identified in the field in late May of 1995. These fractures were located on fee (privately owned) surface. Energy West filled in the fractures with a motor grader and reseeded the area. The location of the fractures is shown on Figure 4. The revegetation in these areas is now established and no further fracturing has been

identified.

The calculated angle-of-draw of the subsidence ranges from less than zero to 22 degrees. Several springs are located on East Mountain above these longwall panels and the 2nd through 5th Left panels located directly to the east (see Area 5). Fluctuations in spring flow occur from year to year but are to be related to variations in precipitation rather than mining. Flows are generally low in dry years and higher in wetter years (see Hydrologic Monitoring Report, 2008).

The left fork of the Grimes Wash drainage crosses the middle of the subsidence area. Stream monitoring has revealed no changes attributable to mining. This stream has been called perennial by the U.S.D.A. Forest Service, but our data indicates that it is ephemeral.

Area 5

Deer Creek 2nd through 5th Left Longwall Panels

Cottonwood 6th through 1st Right Longwall Panels

This is a dual-seam mining area. Mining of the 2nd Left longwall panel in the Deer Creek Mine began in January 1983, and by October 1985 all four panels (2nd through 5th Left) had been completed (Figure 5). In the underlying Cottonwood Mine, longwall mining began in the 6th Right Longwall Panel in February 1993 and the last mining was completed in the 1st Right Longwall Panel in August 1994, completing all mining in this area (Figure 5). Photogrammetry revealed subsidence in Area 5 for the first time in 1984.

Maximum subsidence over the panels is slightly greater than thirteen (13) feet where both seams have been mined (Figure 5). The maximum subsidence showed a substantial increase between 1993 and 1994 but showed slight change between 1994 and 1998. The 2008 monitoring showed virtually no change as compared with the 2007 data (see the Profile Charts 4 & 5 for Area 5). No surface disturbance has been identified over the panels.

As mentioned in the previous section, none of the springs located above the workings show any adverse effects due to mining or subsidence.

Measured angle-of-draw is between zero and 13 degrees.

Area 6

Wilberg 1st and 2nd West Longwall Panels

Mining in the Wilberg 1st and 2nd West longwall panels was completed in June 1983 (Figure 6). This area of subsidence reached a maximum of between four and five feet over the Second West Longwall Panel (Figure 6). The subsidence profile charts (Charts 6 & 7) for Area 6 show the change in subsidence since 1983.

Calculated angle-of-draw ranges from zero to 15 degrees where not influenced by other workings.

Four springs located just north of the area show no adverse effects from the nearby subsidence (see Hydrologic Monitoring Report, 2008).

Area 11

Deer Creek C and D North Longwall Panels

Cottonwood 11th Right Longwall Panel off 2 ½ North

Cottonwood 6th & 7th Right Longwall Panel off of 2nd North

This is a dual-seam mining area. Longwall mining in the Deer Creek C-North panel began in December 1984 and was terminated prematurely in April 1986. New setup entries were driven further south and mining resumed in September 1986; the panel was completed in March 1987. The D-North longwall panel began production in July 1987, but after October 1987 production was limited due to poor coal quality. The panel was terminated in August 1988 at a length of 1750 feet. Pillar extraction mining in A North and A South was completed in June 1983 (Figure 7).

Mining in the 11th Right Panel in the Cottonwood Mine began In July of 1992 and was completed in September 1992 (Figure 7). The 10th Right Panel to the south was developed but could not be mined with longwall methods due to thin coal and poor coal quality. Mining began in the 7th Right Panel in February 1993 and by August 1993 mining in the 6th Right Panel was completed.

Measurable subsidence to date has exceeded twelve (12) feet in the area of dual seam mining above the 6th and 7th Right Longwall Panels in the Cottonwood mine (Figure 7). The maximum subsidence showed an increase between 1993 and 1994 but has been stable since 1994 (see Profile Charts 8 & 9 for Area 11). A new subsidence low was noticed

in the 2008 data at the west end of the West – East profile. This low consists of a single point at about -10 feet. This point is just northwest of a dual seam mining area. It is possible that this point is anomalous, and the area will be examined again next year for continuity.

Fractures were discovered at the western end of coal extraction above the 7th Right Longwall Panel on June 17, 1993. Mining of the longwall panel was completed on May 12, 1993. An aerial reconnaissance of the area on May 18, 1993 revealed no surface fractures at that time. This places the occurrence of the fractures between May 18, 1993 and June 17, 1993. PacifiCorp reclaimed the fractures in fall of 1995. Burnt Tree Spring is located approximately 800 feet to the southeast of the fractures. Measurements of the spring discharge throughout the summer of 1993 through 2008 indicated that the fracturing had no effect on the spring. The angle-of-draw measured ranges from less than zero to 28 degrees.

Area 14

Cottonwood 6th and 7th East Longwall Panels

Mining began in the 6th East panel in September 1986 and continued until the panel was completed in March 1987. Mining in the 7th East panel began in April 1987, and the panel was completed in September 1987 (Figure 8). Subsidence in Area 14 was first monitored and detected in 1987. Subsidence profiles are shown in Charts 10 & 11.

A majority of this area has been relinquished effective 1995. Only the northern portion remains in the Cottonwood Mine permit boundary. Monitoring will continue as along as this area remains within the permit boundary.

Topography consists of very steep south facing slopes and cliffs. Overburden ranges from 200 to nearly 1,400 feet.

The Castlegate Sandstone forms a 200-foot high escarpment along the north side of Newberry Canyon with numerous naturally occurring joints and fractures. Stress caused by removal of coal was transferred to the fractures resulting in brittle failure of the cliff face (spalling) in some places. Talus from the spalling has accumulated on the steep slopes below the cliffs on older natural talus slopes. Surface cracks have been observed and mapped along the ridge above the cliff. The cracks are discontinuous and extend for approximately 2,000 feet parallel to the northern edge of the 6th East longwall panel. A few cracks are also found directly on top of the Castlegate Sandstone escarpment. PacifiCorp repaired a series of surface fractures in the summer of 1998. Maximum subsidence to date is over fifteen (15) feet above the middle of the 6th East Longwall Panel and five (5) feet

over the eastern end of 6th East along the Pleasant Valley Fault (Figure 8). Because this area has rugged and steep terrain, it is the most difficult to achieve consistent results using the photogrammetric monitoring. As can be seen on the subsidence map (Figure 8) and the subsidence profile charts the subsidence appears to vary substantially from one location to another and change up and down in time. This is because the photogrammetric monitoring is difficult in this type of terrain. The "bulls-eyes" of subsidence shown in 1996 are still present in the 2008 data. The helicopter aerial reconnaissance in July, 2008 showed no visible indication of change in these areas. Inaccuracies in the survey in this area should be expected because of the rugged terrain. Several survey targets were established in this area on the Castlegate cliff and were surveyed from 1996 through 1997. This monitoring showed no changes in the last seven years of the monitoring period. The angle-of-draw was not calculated to the west, south and east because of the steep slopes, burned coal, and other workings surrounding the 6th and 7th East panels. The angle of draw on the north side of the 6th East Panel is 25 degrees.

There are no springs in the vicinity of Area 14. The strata are generally dry; thus, mining is expected to have no adverse impact on the hydrology.

Area 18

Deer Creek Mine 2nd through 7th Right Longwall Panels

Longwall mining in this area began in November, 1990 in 2nd Right Panel, and was completed in May, 1992 with the extraction of the six adjacent longwall panels (Figure 9). The 3rd and 4th Right panels were terminated short of full length due to geologic complications. The land surface in the area of these panels contains steep slopes covered by conifer and aspen trees, and sagebrush. The longwall panels underlie the main ridge of East Mountain and have overburden ranging from over 2,200 feet in the north-central portion of the area to about 1,800 feet on the southwest corner of 7th Right Panel.

Subsidence in this area has reached a maximum of over seven (7) feet, and has remained stable since 1998. (Figure 9, subsidence Profile Charts 12 & 13). The subsidence zone is a broad trough running in a north - south direction. This area is overlain by several springs. Monitoring of these springs has shown no mining or subsidence-related change in the quality or quantity of water discharged (see Appendix and the 2008 Hydrologic Monitoring report).

Area 19

Deer Creek 7th and 8th East Longwall Panels off 3rd North

Mining in the 7th East Longwall Panel began in May, 1992 and by January 1993 mining was completed in the 8th East Longwall Panel (Figure 10).

The land surface above these two panels is very rugged. The longwall panels are located beneath a ridge located between the left and right forks of Meetinghouse Canyon. The area is covered by sagebrush on the south facing slopes and dense stands of spruce trees on the north facing slopes. The overburden in the area of these panels ranges from 400 feet on the north to over 1,800 feet on the south.

Subsidence in this area has increased from slightly over one foot in 1992 to over four feet in 1993 but has been stable between 1993 and 2008 (Figure 10, subsidence Profile Chart 14).

This area is overlain by a few springs. Monitoring of these springs has shown no mining-related change in the quality or quantity of water discharged (see Appendix and the 2008 Hydrologic Monitoring Report).

Area 20

Deer Creek 1st & 2nd Left Longwall Panels off 3½ South

Mining in the 2nd Left Longwall Panel began in February 1993 and was completed in June 1993. Mining then started in the 1st Left Longwall Panel in July 1993 and was completed in November of 1993 (Figure 11).

These longwall panels are overlain by moderately steep slopes that are heavily covered with aspen and spruce trees. The overburden above these panels ranges from 1,400 feet at their east end to over 2,000 feet above their west end.

The monitoring detected a maximum of slightly less than five (5) feet of subsidence in 2008 which is similar to that measured in 1997 – 2008 (Profile Chart 15), but less than the maximum of slightly over six (6) feet of subsidence above the 2nd Left Longwall Panel measured in 1996. The 1996 reading showed an increase from the maximum of slightly over four feet that was measured in 1995 and a foot greater than that measured in 1994 which showed a maximum of five feet of subsidence (Profile Chart 15). These data show that subsidence in this area is substantially complete. All of the subsidence detected falls within the bounds of the longwall area. Therefore; the angle of draw in this area is considered to be less than 10°.

These longwall panels are overlain by several springs. Monitoring of the springs revealed no impacts due to subsidence.

Area 21

Deer Creek Mine 2nd East Through 7th East Longwall Panels

Mining in the 2nd East Longwall panel began in November of 1993. Mining in this area, concluding with 7th East Longwall Panel, was completed in January 1996.

The topography in this area is fairly rugged. A ridge along the south side of Rilda Canyon is located through the center of the area. The slopes leading down from this ridge to Rilda Canyon on the north are heavily vegetated with conifer trees. Overburden in this area ranges from less than 200 feet in the north to greater than 1,800 feet beneath the ridge top.

Subsidence detected in 1994 had reached a maximum of over four (4) feet above the 2nd East Longwall Panel (Figure 12). Subsidence over the 3rd East longwall panel was not detected because this panel is longer than the 2nd East panel and subsidence does not usually occur until two panel widths have been mined. In 1995, subsidence had progressed to where most of the areas underlain by the 2nd through 6th East Longwall Panels had subsided between 5 and 6 feet. In 1996, the maximum subsidence that was measured had not increased from that measured in 1995 but an increase in subsidence was noted on the north end. This is in the area of the 6th and 7th East Longwall Panels that were the last to be extracted. The 1997 through 1999 monitoring indicated that subsidence has been stable during those years. The 2008 monitoring shows a slight increase in subsidence at the west end of the West – East profile (Profile Charts 16, 17). During the helicopter reconnaissance in 1995, several fractures were identified and several areas were noted

where boulders had rolled from the Castlgate cliff. These are shown on Figure 12. The area of subsidence is completely contained within the mining area; therefore, the angle of draw is nearly vertical.

Several springs are located above these longwall panels. Hydrologic monitoring has not detected any change to the spring flow that is attributable to mining or subsidence (see 2008 Hydrologic Monitoring Report).

Area 22

Deer Creek Mine 2nd through 8th West Longwall Panels off 3rd North

Longwall Mining began in the 8th West Longwall Panel in February 1996 and the entire panel was mined by July 1996 (Figure 13). Mining then moved to the 7th West longwall panel in July 1996 was completed in January 1997. Mining then started in the 6th West panel in January 1997 and this panel was completed in July 1997. Mining in the 5th West panel began in July 1997 and was completed in February 1998. Mining in the 4th West panel began in March 1998 and was completed in November 1998. The 3rd West panel was not mined in its entirety. The western 2,000 feet of the panel was not mined because of poor roof conditions and coal quality. The central 3,200 feet was mined between November 1998 and January 1999. The longwall moved around an area containing faults and the eastern 1,500 feet of the panel was completed between January 1999 and April 1999.

This area is located on the southern side of Rilda Canyon in an area where the overlying terrain is very rugged. Several north-south tributaries to Rilda Canyon cross the northern half of the area and form a series of canyons and steep ridges along the flanks of Rilda Canyon. Elevations range from 8,000 feet at the coal outcrop to 9,900 feet along the ridge tops. The area is heavily vegetated with spruce trees, aspen trees at the higher elevations and pinion-junipers at the lower elevations.

The subsidence monitoring showed a slight increase in subsidence in 2000 over previous years but showed no significant change in 2008 (Profile Charts 18 and 19). The

maximum subsidence appears to have stabilized at a maximum of seven (7) feet. The angle-of-draw of the majority of the subsidence is vertical, angle-of-draw extends out from the longwall outline as much as 12 degrees in some areas. The topography in this area is fairly rugged which limits the resolution of the photogrammetric monitoring.

Several springs are located in the area and have been catalogued and are being monitored (see 2008 Annual Hydrologic Monitoring Report).

Area 23

Trail Mountain Mine 2nd through 5th East Longwall Panels off 5th Left

Mining of the 2nd East Longwall Panel began in October 1995 and continued until February 1996. In this panel only the eastern 2,600 feet was mined because the western 2,000 feet was not mineable due poor coal quality. Mining began in the 3rd East Panel in February and was completed in June 1996. Mining began in the 4th East panel in June 1996 and was completed in October 1996. Mining began in the 5th East panel and was completed in March 1997 (see Figure 14). All of the longwall mining conducted to date has extracted an average thickness of 8 feet of coal.

This area generally contains gentle south-facing slopes that project down to a steep escarpment along the south and east end of the area. Elevations in the area range from 8,750 feet to less than 6,700 feet along the coal outcrop in Straight Canyon. The land is sparsely vegetated with grasses and brush with some dense patches of ponderosa pine at the higher elevations and pinion-juniper trees in the steeper slopes above and below the escarpment.

The subsidence monitoring has detected up to eight (8) feet of subsidence that has occurred. This maximum subsidence is located over the eastern end of the 4th East longwall panels (Figure 22, Profile Charts 20 and 21). Most of the undermined area has subsided between six (6) and eight (8) feet. The subsidence area is entirely contained within the undermined area, therefore; the angle of draw is steeper than 10 degrees from the vertical.

No surface fractures or visual evidence of subsidence has been observed. No springs are located within this area.

Area 24

Trail Mountain Mine 1st - 10th Right off 5th Left

Mining in the 9th Right panel began in March 1997 and was completed at the end of August 1997 leaving the remaining 1,600 feet unmined due to poor coal quality (Figure 15). Mining in the 7th Right panel was completed by the end of March 1998, this entire panel had been extracted. Mining then moved south to 10th Right and mining was completed by September 1998. By August 1999, the entire 6th Right panel had been extracted and all but the eastern750 feet of the 5th Right panel had been mined. By the end of August of 2000, longwall mining had been completed in both the 4th and 3rd Right panels. 2nd Right panel, begun in September 2000, was abandoned in October, 2000, after retreating only 1,200 feet due to poor mining conditions. 1st Right panel was begun in November, 2000, and completed March 15, 2001, the final longwall mining date for the Trail Mountain Mine. Longwall mining in these areas was completed to an average mining height of nine (9) feet.

The topography within this mining area is quite variable. Elevations range from less than 7,000 feet in Straight Canyon on the southwest side of the area, where the topography is very rugged, to over 8,800 feet in the northeast portion of the area where the land is gently sloping to the south. The lower elevation areas are heavily vegetated with pinion and juniper trees interspersed with grasses. The higher elevations have stands of spruce and aspen trees separated by areas of sagebrush and grasses.

The overburden above the coal seam in this area ranges from less than 1,400 feet in the southwest corner of the area to over 2,200 feet in the northeast corner of the area.

The subsidence monitoring showed a steady increase in subsidence from 1997 through 2001 (Profile charts 22, 23). A small group of fractures appeared on the surface above 4th Right panel in October 2000. These were already partially "healed" or filled in when noticed. Aerial reconnaissance in June and July, 2008 and a surface inspection in August, 2008 was unable to locate these fractures. The subsidence profiles for 2008 are very similar to previous years, indicating that subsidence in this area is essentially complete. No subsidence was detected over the single panel 1st Right. The majority of detectable subsidence at the surface has occurred within the outline of the longwall panel area, indicating an angle-of-draw nearly vertical. The subsidence that has occurred has not had any effect on the current land use or on the hydrology of the area (see 2008 Annual Hydrologic Monitoring Report).

Area 25

Deer Creek Mine 8th Through 14th East off 5th North Longwall Panels (Blind Canyon)

Deer Creek Mine 2nd Through 8th Right off 6th North Longwall Panels (Hiawatha)

Area 25 contains all of the North Rilda Ridge reserves in the Blind Canyon and Hiawatha seams (Figure 16, Profile Charts 24 & 25). This is an area of dual-seam mining similar to the areas where Deer Creek Mine was directly above the Cottonwood/Wilberg mines. As of September 2004, the Blind Canyon reserves (9th, 10th, 11th, 12th, 14th, and 15th East panels) were completely mined out, and mining of the Hiawatha reserves 80 feet below was complete, with the complete extraction of 2nd Right through 8th Right panels.

Longwall mining began in this area in the Blind Canyon seam 11th West panel in April of 1999. By August 31, 1999, the eastern 4,400 feet of this panel had been mined. By the end of August 2000, the 12th East Panel had been completed and the eastern 1,900 feet of the 14th East Panel had been mined (there is no 13th East Panel). By the end of August 2001, mining had extracted the remainder of the 14th, 15th, and 9th East Panels. During 2002, the final panel in the Blind Canyon seam (9th East) was completed (December 2001).

Longwall mining in the Hiawatha seam began in the 5th Right panel (February 2002). 5th Right panel was completed in August 2002. 4th Right panel started in August of 2002, and was completed in January 2003. 3rd Right panel was begun in January 2003 and completed in July, 2003. 2nd Right panel was begun in August 2003 and was completed in October, 2003. 7th Right panel was begun in October 2003, and completed in May 2004. 8th Right panel was begun in May 2004, and completed in August 2004.

Overburden in this area ranges from less than 400 feet in both the north and south of the area to over 1,700 feet beneath North Rilda Ridge. The topography in this region is very rugged. North Rilda Ridge trends east-west in the center of the area and the topography drops off steeply to the north into Mill Fork and the south into Rilda Canyon. The Castlegate Sandstone forms a prominent escarpment (cliff), 100 to 300 feet high, which is present near the top of and encircles North Rilda Ridge on the east, south and southwest. The south facing slopes below the cliff are covered with grass, brush, and juniper trees while the north facing slopes in Mill Fork Canyon are covered with a dense conifer forest. Only small points of Castlegate escarpment are present on the north facing slope.

Subsidence monitoring in this area shows that subsidence has occurred under all of the area mined out in the Blind Canyon seam. The maximum amount of subsidence observed for Blind Canyon mining areas is just over 8 feet in the eastern end of 14th East panel. As the underlying 5th, 4th, 3rd, and 2nd Right Hiawatha seam panels were mined in 2002 and 2003, the amount of subsidence over the 2-seam extraction area increased to over 15 feet in the 2-seam mining area. As of 2008, total subsidence has increased gradually to just over 16 feet in several areas of the dual seam overlap. Numerous subsidence "bullseyes" are present in the area of the prominent cliffs on the south-facing side of Rilda Canyon. Two prominent bullseyes that were present in 2005 above 9th East panel are gone in 2006. These are evidently related to cliff movement, boulder movement, and possibly ground cracking and healing in the vicinity of the cliffs.

In February and June of 1999 six prisms were placed on the top of the Castlegate sandstone cliff or escarpment to monitor the movement of the cliffs as they are undermined in Area 25. All of the prisms moved within a few days or weeks as they were undermined. The movement of the prisms has been essentially stable since 2003. Energy West considers the prism movements to be completed and has stopped monitoring the prisms. The complete prism movement data can be previous subsidence reports.

Several Castlegate escarpment failures and rock falls occurred as 9th and 8th East panels were mined in the Blind Canyon seam during the spring, summer, and fall of 2002. These are shown on Figure 24. Significant additional rock falls have occurred along the escarpment have occurred as the 4th, 3rd, and 2nd Right panels were mined during December 2002 – September 2003, extending double seam mining under the escarpment area.

Fractures have appeared on the surface of North Rilda Ridge in several places. The first of these was an area where several east-west cracks appeared above and to the south of the dual-seam extraction of 11th and 12th East in the Blind Canyon seam and 5th Right panel in the Hiawatha seam. These cracks are gradually filling in, and are less evident now than they were in 2002.

Areas of surface cracking that occurred during 2003 were:

In the area around the rocky Castlegate point containing Prism #1, above 14th East panel (Blind Canyon, single seam mining area), large north-south cracks opened.

Significant east-west cracking has occurred on and just below the prominent Castlegate point at the east end of the mining area. The 9th East Blind Canyon panel,

completely extracted in 9/01, has been undermined by the 3rd Right Hiawatha panel, completely extracted in 1/03.

A large east-west crack crosses a ridge on the north side, above the center of the 14th East Blind Canyon panel and the south edge of the 8th Right Hiawatha panel. Warning signs were placed above and below this crack prior to hunting season on 10/14/03. The most severe portion of this crack was filled in using helicopter supported operations during July, 2004.

A few minor springs are located to the west of the undermined area on top of North Rilda Ridge. No effects to these springs by mining have been observed.

Since June 1998, four survey points have been monitored for subsidence in the right fork of Rilda Canyon directly above the 5th North Mains in the Blind Canyon seam where 5th North crosses under the stream bed in the right fork (Figure 16). This is an area of first mining only, with longer pillars and offset crosscuts specifically designed to prevent subsidence. One of the points has disappeared, but the others are still being surveyed. As of the last survey date in August, 2008, no significant movement of any of the points has ever occurred.

Area 26

1st, 2nd, 3rd Left Panels and 2nd West Panel (Blind Canyon)

Area 26 contains 4 smaller panels that were mined as "stopgap" panels between the end of the North Rilda Hiawatha panels and beginning of the Mill Fork Lease Hiawatha panels (Figure 17).

1st Left panel was only 560 feet wide, compared to the normal 730 feet, and 2nd and 3rd Left panels were normal width. All three of the panels were pulled short of their projected full lengths due to either poor geologic conditions or poor coal quality, or both. Because of their small size and odd arrangement, little total subsidence was expected over these three panels. For 2008, additional subsidence to just over 8 feet is present above the center panel (Figure 17, Charts 26, 27).

2nd West panel was the last "stopgap" panel between the end of 3rd Left panel in the Blind Canyon Seam and 12th West panel in the Mill Fork Lease in the Hiawatha seam. This panel was mined between two known fault zones, the Roans Canyon fault zone and the Left Fork fault zone. Horizontal drilling in advance of development allowed this panel to be more or less centered between the two faults, with sufficient barriers on each side of the panel to protect the longwall from fault-related effects. To allow maximum length, the panel was oriented on a bearing of N. 50° E., sub-parallel to the fault zones. The fully extracted panel length was 3,855 feet. Because of the odd bearing of the panel compared to the regional joint pattern, which is roughly N 5° E., and its sub-parallel arrangement with the fault zones on either side, the caving pattern of this panel and eventual subsidence

profile was expected to be minimal, especially since there was only one panel in this series. There is no additional subsidence over this area in the 2008 survey (none was noticeable in 2005), just over 3 feet above the center of the panel (see Profile Chart #28).

Area 27

Deer Creek Mine Mill Fork Lease Area – 12th , 14th , 15th, 16th and 17th West Longwall Panels

The Mill Fork State Lease (ML-48258) is a large lease area to the northwest of the original Deer Creek Mine workings. This lease will be the primary mining area for the Deer Creek Mine for the next several years. Reserves exist in both the Blind Canyon and Hiawatha seams, and a sizeable area of dual-seam mining is projected for the central part of the lease. Overburden is very deep in the Mill Fork Lease, ranging from about 1,000 feet up to over 2,600 feet. The first longwall mining is in the Hiawatha seam, in the deepest area, from south to north for 5 panels (called District 1). The mineable Blind Canyon seam reserves must be then be mined out before Hiawatha seam mining can resume underneath. The first longwall mining in Mill Fork in the Hiawatha seam took place in August of 2005. By the date of the 2008 survey, the mineable portions of five (5) panels had been extracted: 12th, 14th, 15th, 16th, and 17th West. Noticeable subsidence has begun above the combined areas of 12th through 17th West panel as of the date of this report; just over 4 feet total so far (Figure 18, Profile Charts 29 and 30). No effects on the surface have been noticed as of the July 2008 helicopter reconnaissance survey.

Area 28

Deer Creek Mine Mill Fork Lease Area – 2nd, 3rd, 4th, 5th, 6th, and 7th Left Longwall Panels (Blind Canyon Seam)

The Mill Fork State Lease (ML-48258) is a large lease area to the northwest of the original Deer Creek Mine workings. This lease is the primary mining area for the Deer Creek Mine for the next several years. Reserves exist in both the Blind Canyon and Hiawatha seams, and a sizeable area of dual-seam mining is projected for the central part of the lease. Overburden is very deep in the Mill Fork Lease, ranging from about 1,000 feet up to over 2,600 feet. Area 28 covers the first panel "district" in the Blind Canyon seam (called District 2), just to the north of the 1st Hiawatha panel district (described as Area 27) in the lease. The first longwall mining in Mill Fork in the Blind Canyon seam took place in February of 2008. By the date of the 2008 survey, portions of the first and second (2) panels had been extracted: all of 2nd and the beginning of 3rd Left. (Figure 19, Profile Charts 31 and 32). Noticeable subsidence has occurred; on the East – West profile, the subsidence appears to be ahead of the mine workings. This is because the map shows the workings as of the end of August, and the aerial survey was done in November. Maximum subsidence so far over this area has been just over 3 feet.

Predicted Maximum Subsidence

A comparison between observed and predicted maximum subsidence for the various areas on Energy West's property has been made using a method developed by the British National Coal Board (NCB). The NCB method utilizes graphs compiled from numerous field observations and takes into consideration the length and width of the mined-out area, thickness of coal extracted, and depth of cover. The method is claimed to be correct to ±10% in the majority of cases, assuming certain limiting conditions are met. The table below compares predicted maximum subsidence with observed subsidence for areas on East Mountain.

Area	**Subsidence (feet)**		
	Predicted Maximum	**Observed**	**% of Predicted**
1* DC 9E/W 1R	15.2	28.0	184
2 DC 5-8E/W, 3-13R	13.8	13.1	95
3 DC 1N Area	7.7	5.5	71
4 DC 2-17R	13.6	13.5	99
5 DC 2-5L	13.5	15.5	114
6 W 1-2W	5.0	4.5	90
7 Beehive 2N off 8W	6.6	7.4	112
8 Bee/Des E&W Sections	6.8	4.8	104
9 Little Dove 1N	4.3	3.5	81
10 Old American Fuel Mine	7.0	6.1	87

Area	Subsidence (feet)		
	Predicted Maximum	**Observed**	**% of Predicted**
11 DC C&D N	13.7	13.2	96
12 W 2L	1.5	0.0	0
13 Des-Bee-Dove Southern Areas	2.0	1.8	90
14 Cottonwood 6-7E	7.6	4.7	62
15 Cottonwood 9-12W	7.2	5.0	69
16 Cottonwood 8-11E	7.4	4.5	61
17 Cottonwood 16-15 W	8.1	7.2	89
18 Deer Creek 2nd-7th R	7.7	7.2	94
19 Deer Creek 7th & 8th E	7.9	4.5	57
20 Deer Creek 1st & 2nd L	7.8	6.1	79
21 Deer Creek 2nd- 7th E	7.5	7.5	100
22 Deer Creek 2nd-8th W	7.5	8.1	108
23 Trail Mountain 2nd-5th E	7.8	8.1	104
24 Trail Mountain 1st - 10th Right	7.5	7.0	93
25 Deer Cr. 8-15th East B.C. Seam	8.6	7.5	87
25 Deer Cr. N. Rilda Both Seams	17.1	17.1	100
26 Deer Cr. 1,2,3L B.C. Seam	7.1	8.4	118
26 Deer Cr. 2nd West BC Seam	3.2	3.0	94
27 Deer Cr. Mill Fork 12-16W Hia.	7.6	4.5	59
28 Deer Cr. Mill Fork 2– 7L B.C.	8.0	3.3	41

* This area does not fit the NCB prediction model.

In most areas subsidence is less than the maximum predicted by the NCB model. The observed subsidence shown here represents the actual maximum subsidence for the particular geologic conditions -- probably the case in some areas since subsidence appears to have ceased in several areas where the NCB predicted maxima were not reached. In areas showing greater than expected subsidence, chain pillars or barriers between sections are probably crushing so that strata above the workings cave as it would if a wider zone had been mined.

Mitigation of Surface Effects

Prior to mining in an area, Energy West notifies the land owner that mining will be in progress beneath his property. The land owners within the permit boundary are as follows:

Karl A. Seely, Inc.

LDS Church

USDA Forest Service

Elk Springs Property Users Association

Kent Barton

PacifiCorp

State of Utah Institutional Trust Lands Administration

McKinnon Estate

Lavar Jensen & Phyllis Jensen

Energy West will continue to notify those owners prior to undermining their properties.

Over most areas where subsidence has been observed on East Mountain, present land use has not been affected in any way. Areas 2, 5, 6, 8, 9, 10, 12, 13, 15, 16, 17, 18, 19, 20, 23, 24, and 26 are good examples of subsidence without visible surface disturbance or adverse hydrologic effects. In such areas no mitigation is necessary.

In a few areas, such as Areas 1, 3, 4, 7, 10, 11, 14, 21 and 22, 24, and 25, surface

fractures have been detected. In order to protect livestock PacifiCorp erected a fence around Area 1 (since removed) where fractures are of sufficient magnitude to pose a threat to wandering cattle. In the regions where the fractures could be reclaimed they have been filled in with heavy equipment and the escarpments have been evenly contoured and reseeded. In Area 4, the small tension fractures that formed were reclaimed by filling in the fractures using a motor-grader and reseeding the area. In Area 14, where cracks have also been observed, these were filled in by hand in 1998 and reseeded. The U. S. D. A. Forest Service accepted this mitigation as being sufficient and complete. In area 25, a large fracture above the Castlegate Sandstone was filled to prevent hazardous conditions at the surface.

In Areas 3, 7, 10, 11, 21, 22, and 24, where only minor fracturing has occurred on remote ridges and/or where land use has not been affected, more damage would be done by gaining access to and repairing or fencing fractures than can be justified. Therefore, mitigation is counterproductive in those areas and is not planned.

Summary

As of September 2008 PacifiCorp has identified sixteen (16) areas for continuing study of mining-induced subsidence on the East Mountain/Trail Mountain property. Terrain in the subsidence study areas ranges from relatively flat mountain tops with thick overburden of up to 2,600 feet to steep slopes and cliffs with overburden of less than 200 feet. The most noticeable subsidence effects occur in the steep cliff areas. Most of the fractures observed over mined areas have occurred under these conditions, especially where the Castlegate Sandstone (or similar lithologic unit) crops out or is near the surface. The sandstones yield to stress by brittle deformation (fracturing) and by undermining of balanced or overhanging outcrops.

In areas where overburden is thicker and other more clay-rich formations are present above the mine workings, longwall and room-and-pillar mining methods have allowed the multiple seam mining of large quantities of coal without apparent impact on the surface environment because the overburden yields through plastic deformation. More than eighty percent (80%) of the East Mountain property has conditions similar to those areas; therefore, the mining methods being utilized are well suited to the geologic conditions, allowing subsidence to occur without impacting the hydrology or present land use of the area.

An effort was made again this year to predict maximum possible subsidence for the various areas where subsidence has been detected. The prediction was then compared with observed subsidence for each area. It appears that the actual subsidence occurring on East

Mountain/Trail Mountain is slightly less than that predicted by the NCB model.

Professional Certification of Subsidence Data

I, Kenneth S. Fleck, being a Licensed Professional Geologist in the State of Utah (#5224883-2250), with significant experience in subsidence monitoring, certify that the subsidence data contained in this document was collected under my direction, and the attached subsidence materials were prepared by me using industry-accepted methods. I further certify that the interpretations contained herein are an accurate representation of the subsidence that has occurred.

Dated this 14th day of May 2009.

Kenneth S. Fleck

Kenneth S. Fleck

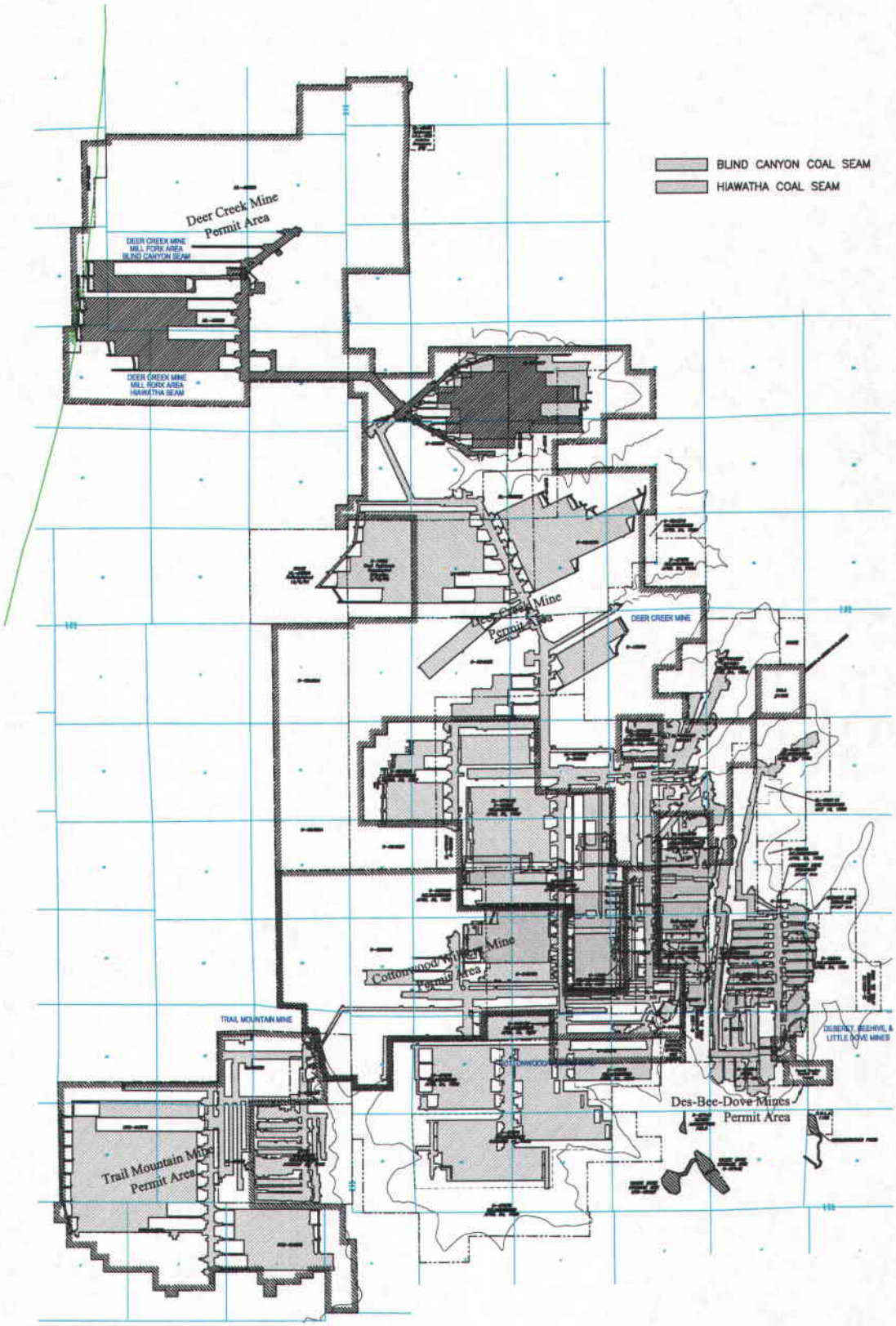
Professional Geologist

License No. 5224883-2250

APPENDICES:

FIGURES 1 & 2

LOCATION MAPS



ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

EAST/TRAIL MOUNTAINS
MINE AREAS AS OF 9/1/08

DRAWN BY:	K. LARSEN	FIGURE 1
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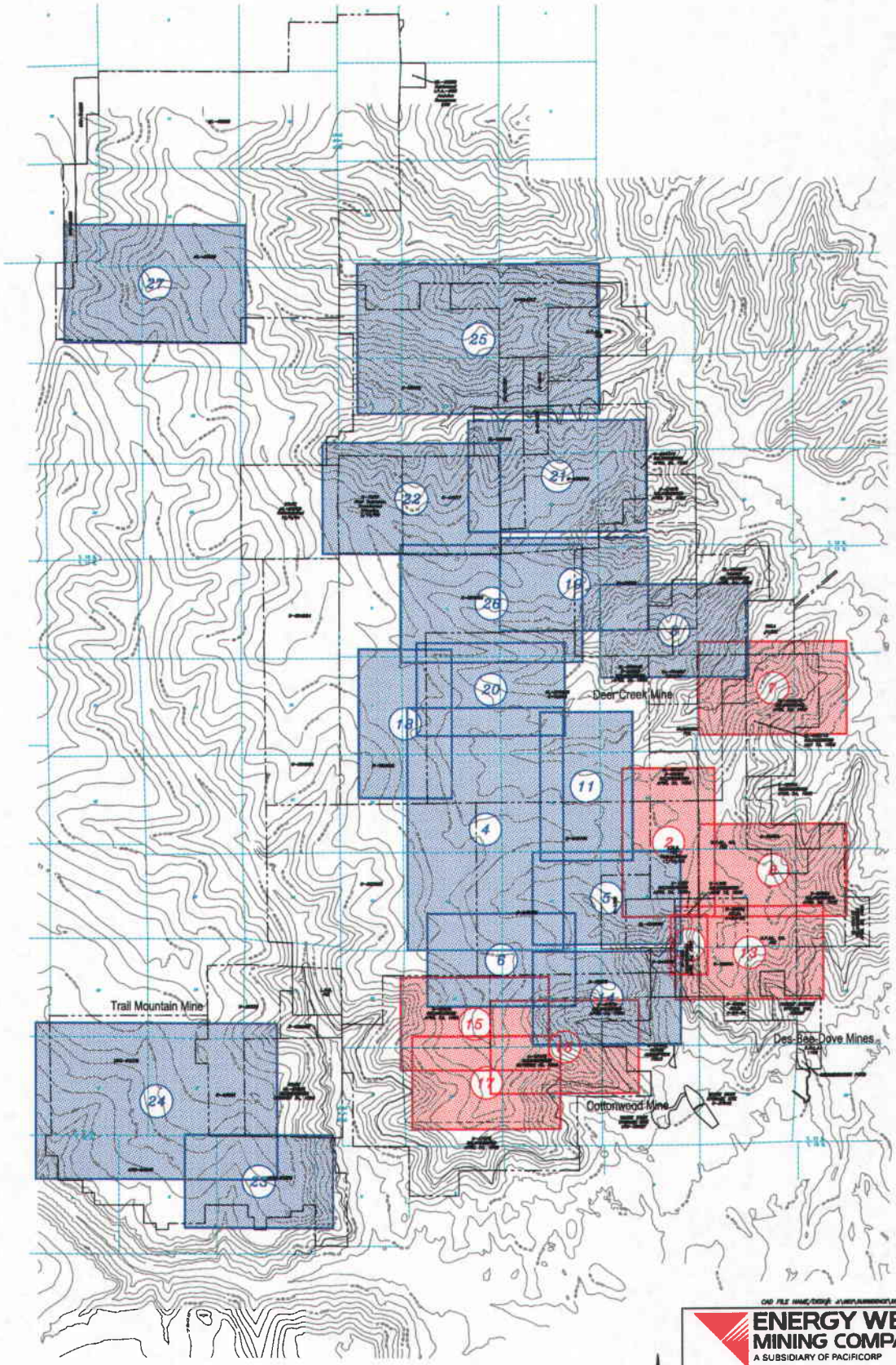
DATE:	JANUARY 9, 2009	SHEET 1 OF 1 REV.



15 AREAS ELIMINATED FROM STUDY AS OF 2004

21 AREAS STUDIED FOR SUBSIDENCE NUMBERS KEYED TO TEXT

N

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

2008 SUBSIDENCE MONITORING AREAS STUDIED FOR SUBSIDENCE

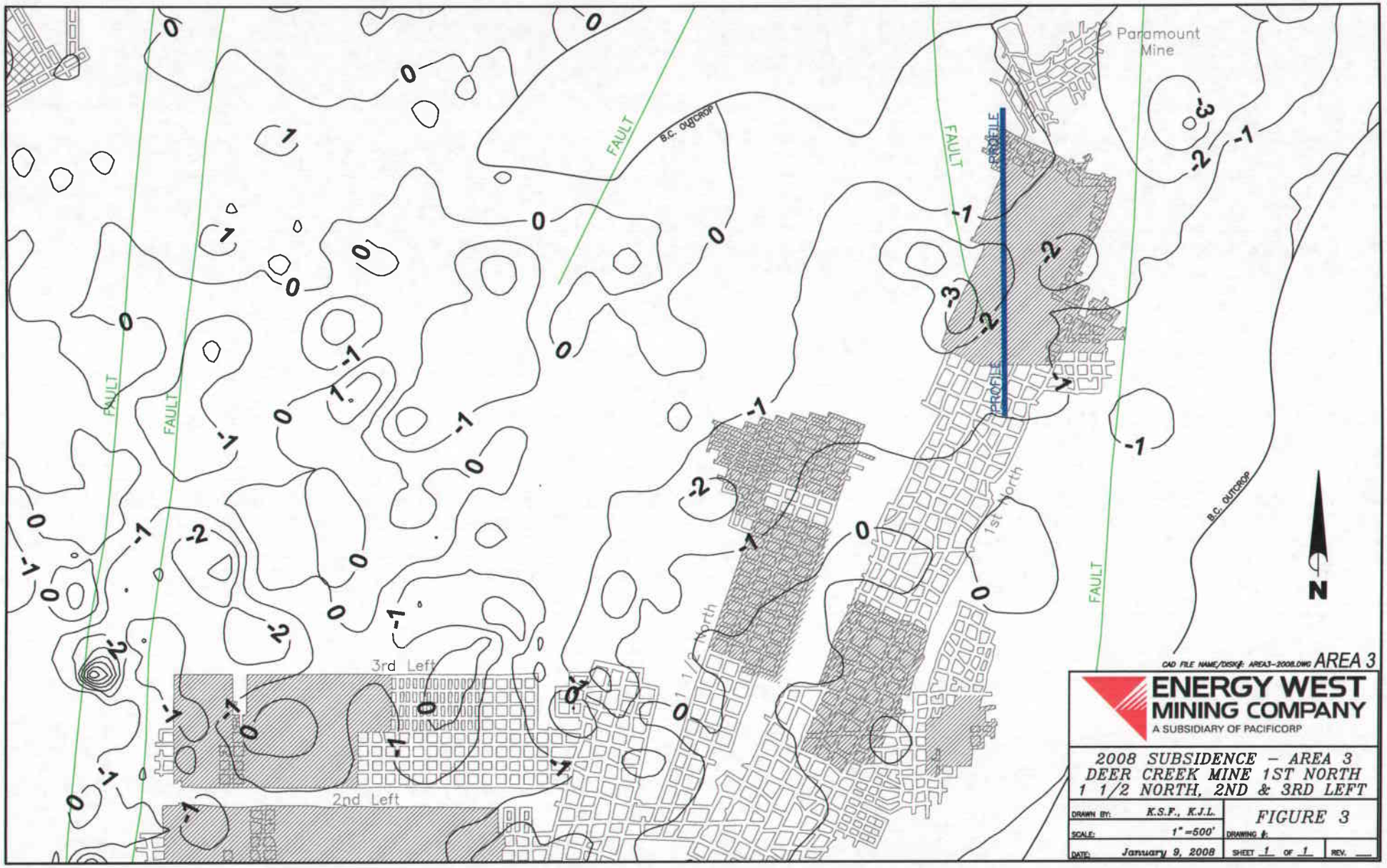
DRAWN BY:	K. LARSEN	FIGURE 2
SCALE:	1" = 1 MILE	DRAWING #
DATE:	January 07, 2009	SHEET 1 OF 1 REV.

FIGURES 3 - 18

SUBSIDENCE AREA MAPS

CHARTS 1 – 30

AREA SUBSIDENCE PROFILES


Paramount Mine
FAULT
FAULT
FAULT
FAULT
B.C. OUTCROP
B.C. OUTCROP
PROFILE
PROFILE
1st North
1 1/2 North
3rd Left
2nd Left
N
CAD FILE NAME/DISK#: AREA3-2008.DWG
AREA 3
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 3
DEER CREEK MINE 1ST NORTH
1 1/2 NORTH, 2ND & 3RD LEFT
DRAWN BY: K.S.P., K.J.L.
SCALE: 1" =500'
DATE: January 9, 2008
FIGURE 3
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SHEET 1 OF 1
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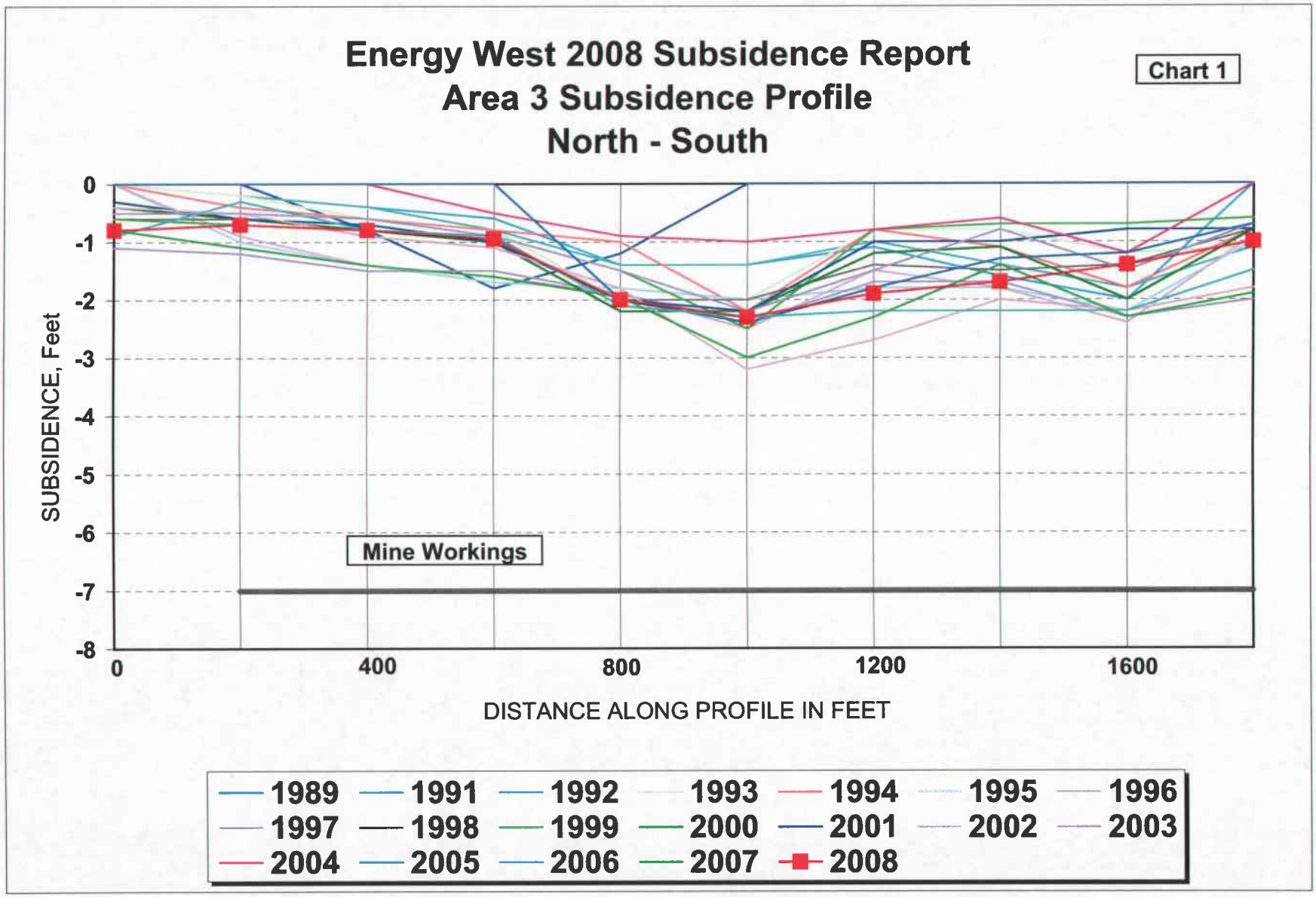
Energy West 2008 Subsidence Report
Area 3 Subsidence Profile
North - South
Chart 1
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
-6
-7
-8
Mine Workings
0
400
800
1200
1600
DISTANCE ALONG PROFILE IN FEET
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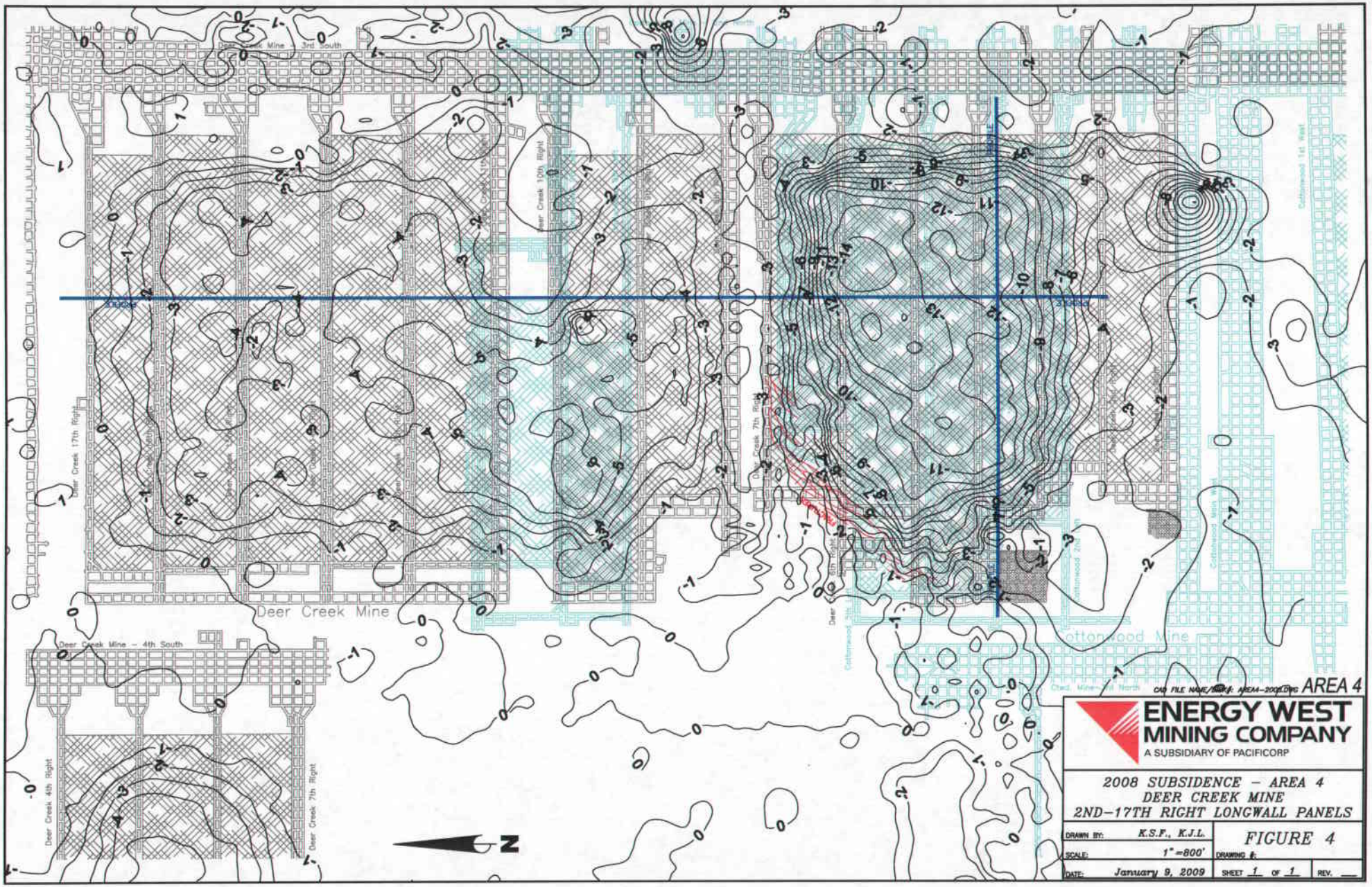
Deer Creek Mine
Cottonwood Mine
Deer Creek Mine - 3rd South
Deer Creek Mine - 4th South
Deer Creek 17th Right
Deer Creek 10th Right
Deer Creek 7th Right
Deer Creek 4th Right
Deer Creek 7th Right
Cottonwood 1st West
Cottonwood Main West
Cottonwood 2nd
Cottonwood 5th
Cted. Mine - 1st North
N
AREA 4
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE - AREA 4
DEER CREEK MINE
2ND-17TH RIGHT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =800'
DATE: January 9, 2009
FIGURE 4
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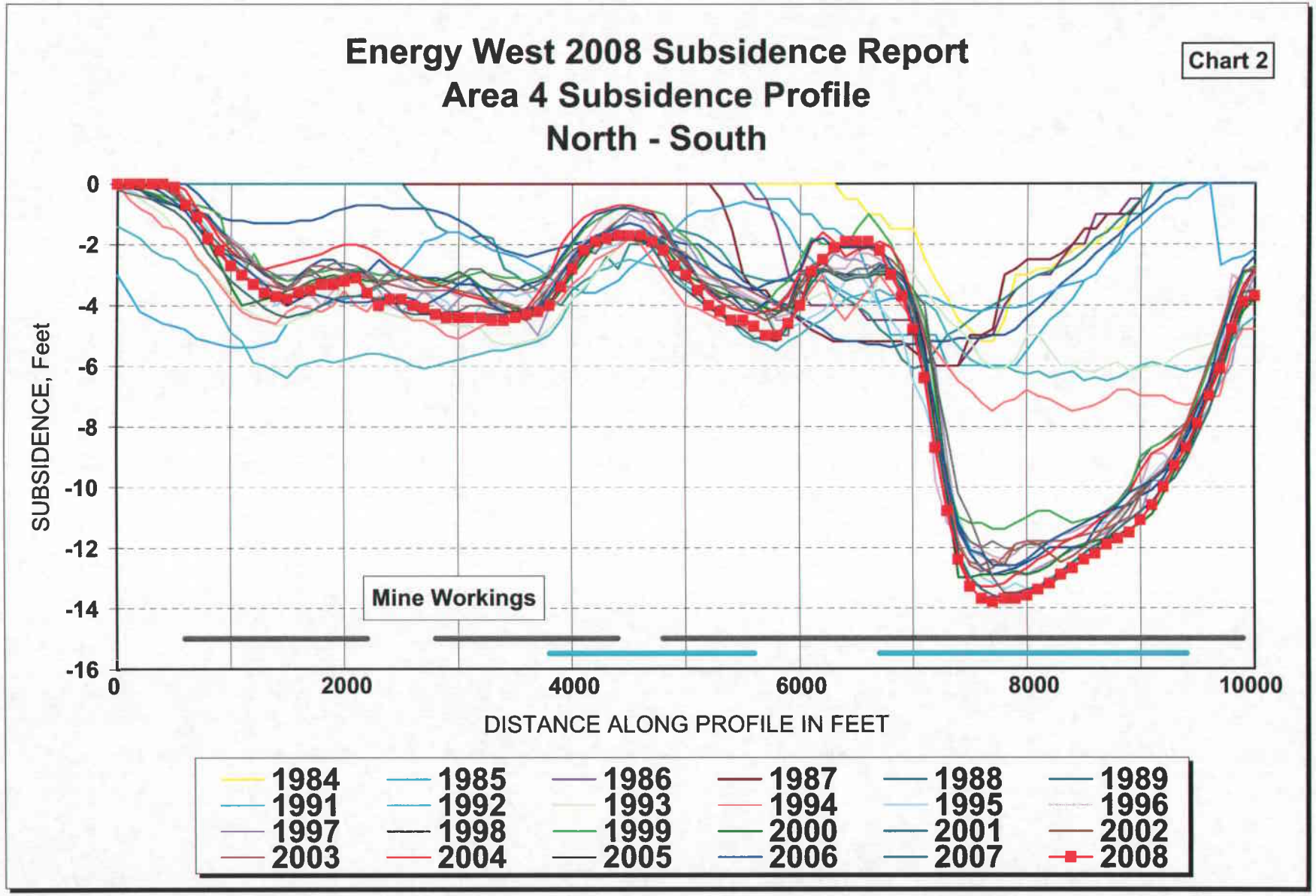
REV.


Energy West 2008 Subsidence Report
Area 4 Subsidence Profile
North - South
Chart 2
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-12
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4000
6000
8000
10000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
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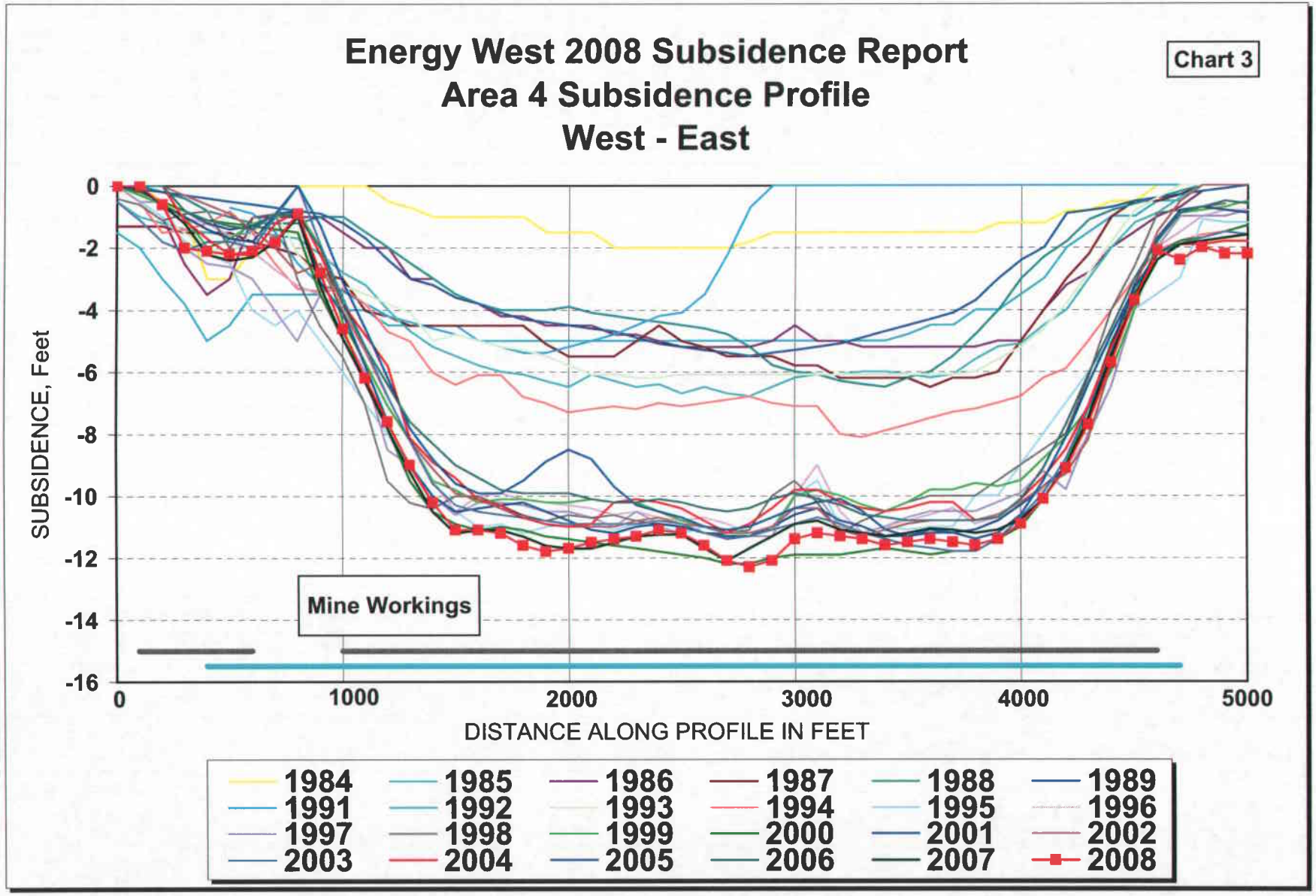
2008


Energy West 2008 Subsidence Report
Area 4 Subsidence Profile
West - East
Chart 3
SUBSIDENCE, Feet
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-16
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DISTANCE ALONG PROFILE IN FEET
Mine Workings
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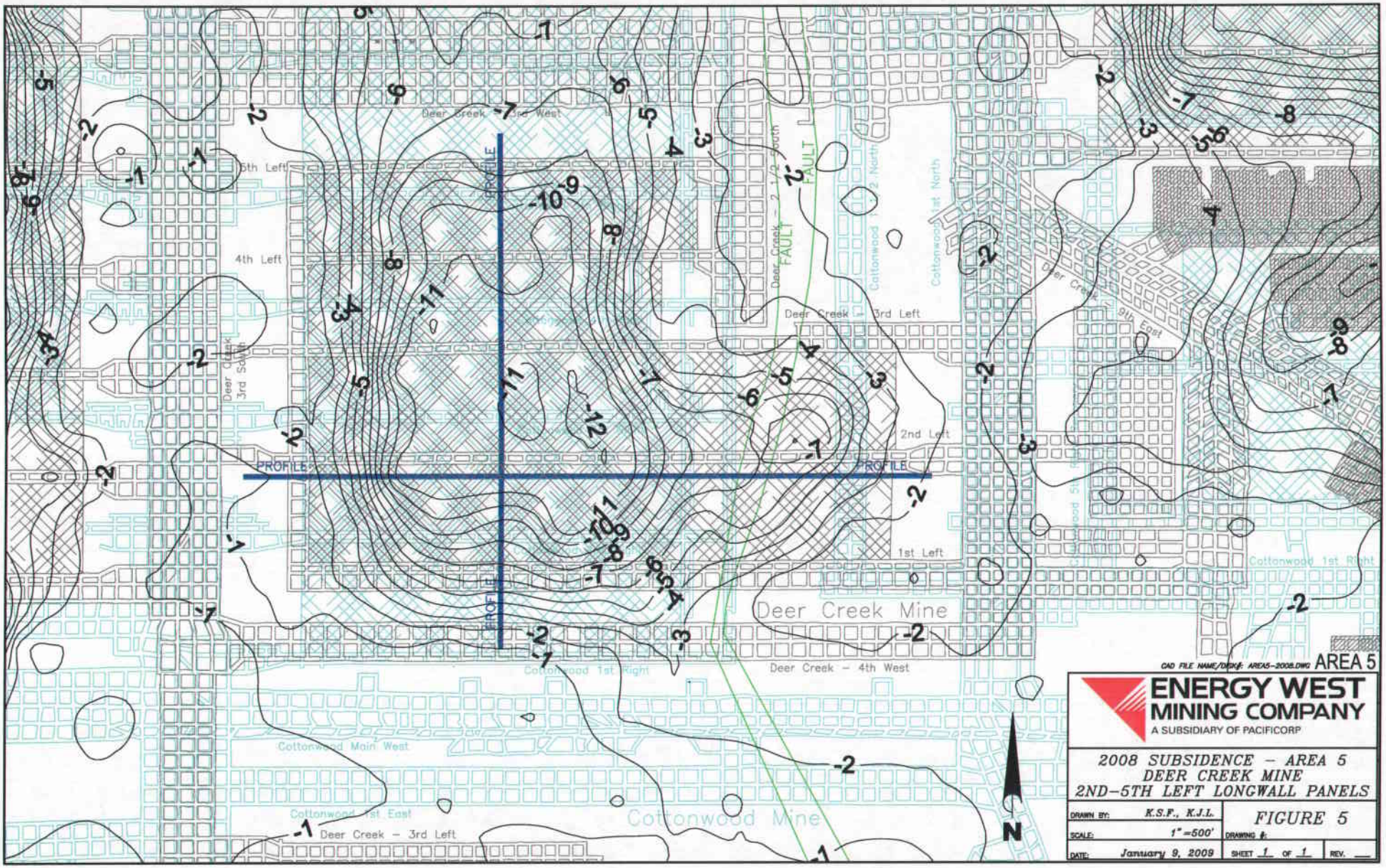

Deer Creek - 3rd West
5th Left
4th Left
Deer Creek - 3rd South
Deer Creek - 3rd Left
2nd Left
1st Left
Deer Creek - 4th West
Deer Creek - 9th East
Cottonwood 1st Right
Cottonwood Main West
Cottonwood 1st East
Deer Creek - 3rd Left
Deer Creek - 2 1/2 South
Cottonwood 1 1/2 North
Cottonwood 1st North
FAULT
PROFILE
Deer Creek Mine
Cottonwood Mine
N
CAD FILE NAME/DISK#: AREA5-2008.DWG
AREA 5
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE - AREA 5
DEER CREEK MINE
2ND-5TH LEFT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =500'
DATE: January 9, 2009
FIGURE 5
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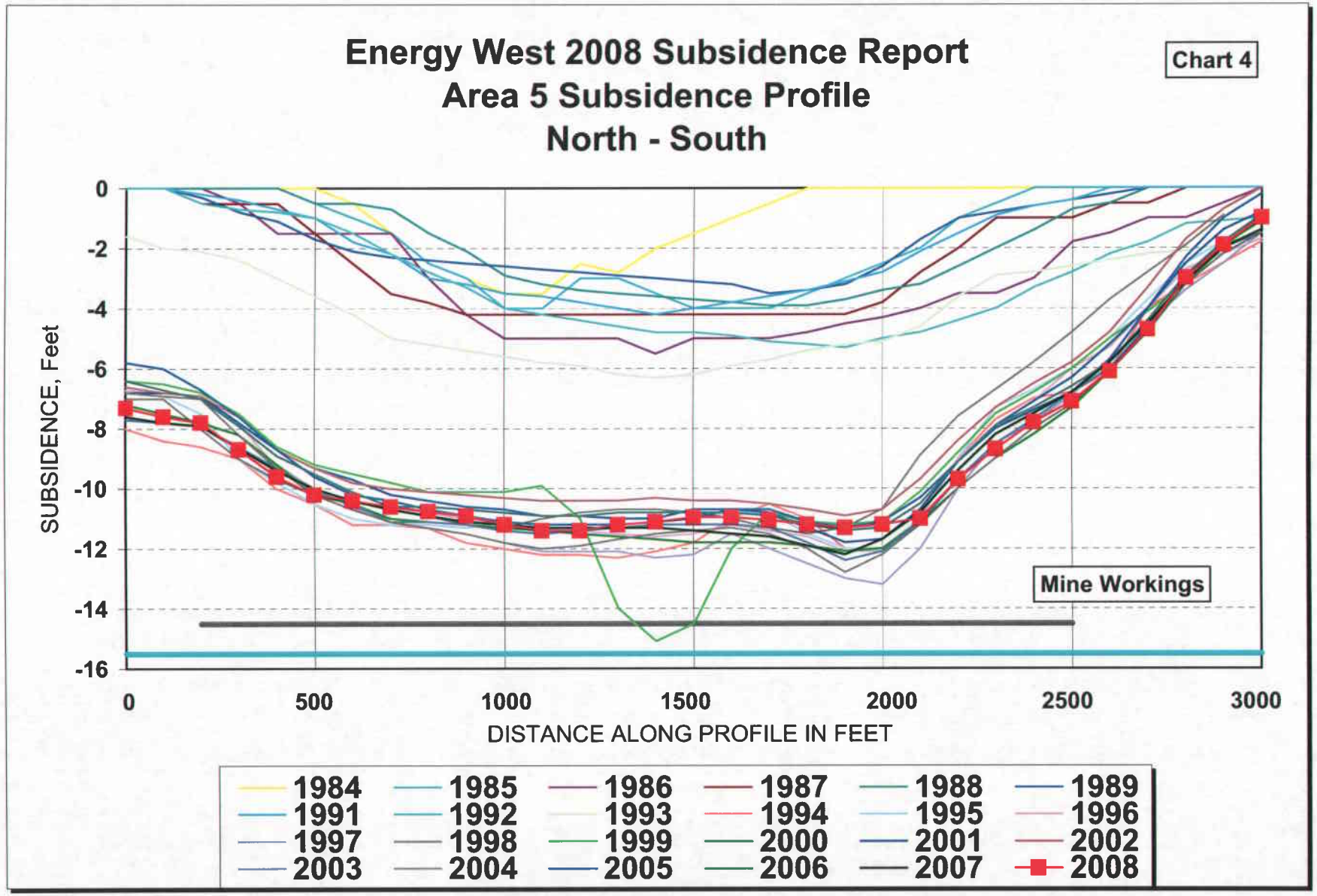
Energy West 2008 Subsidence Report
Area 5 Subsidence Profile
North - South
Chart 4
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-8
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DISTANCE ALONG PROFILE IN FEET
Mine Workings
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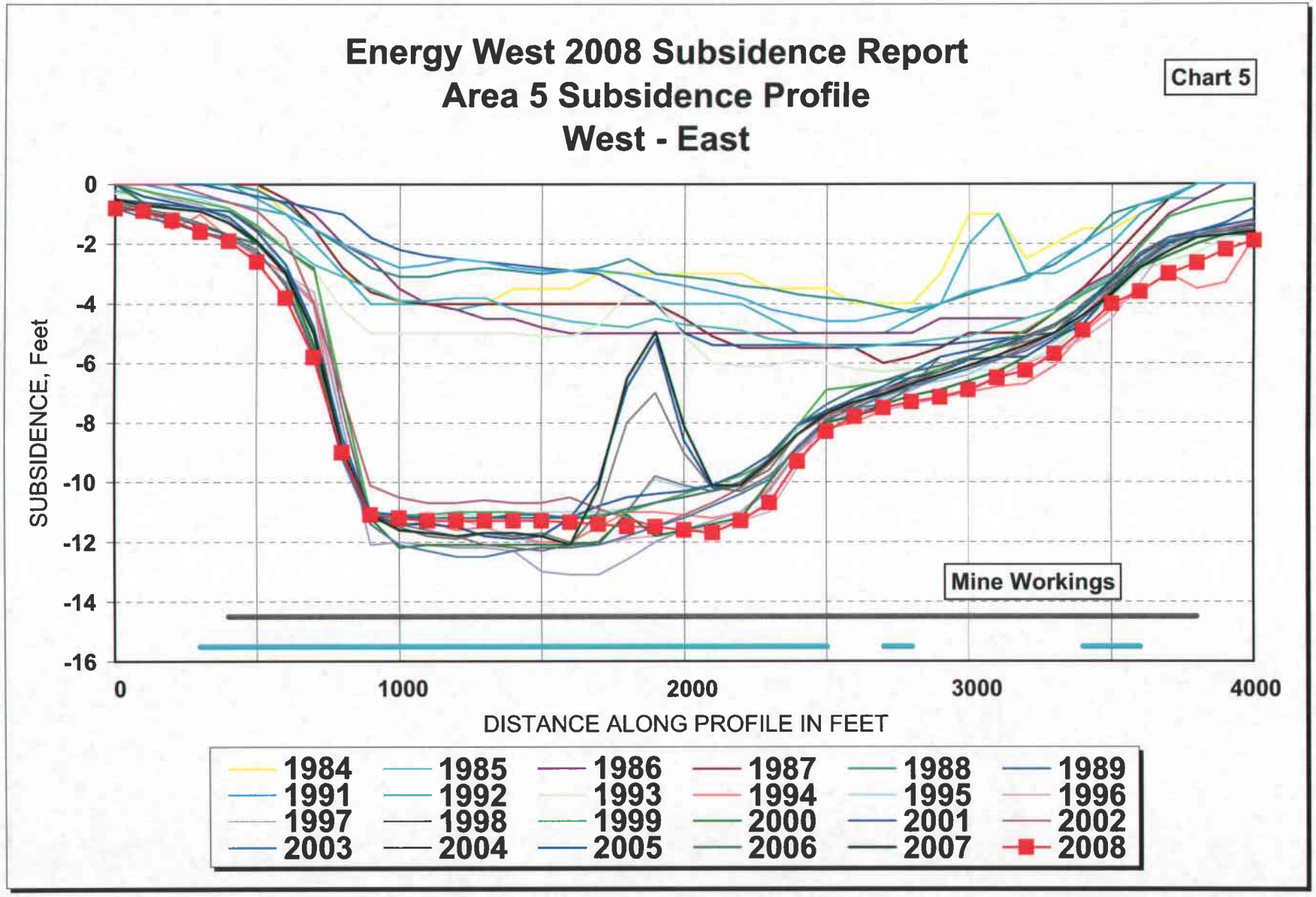
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Area 5 Subsidence Profile
West - East
Chart 5
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DISTANCE ALONG PROFILE IN FEET
Mine Workings
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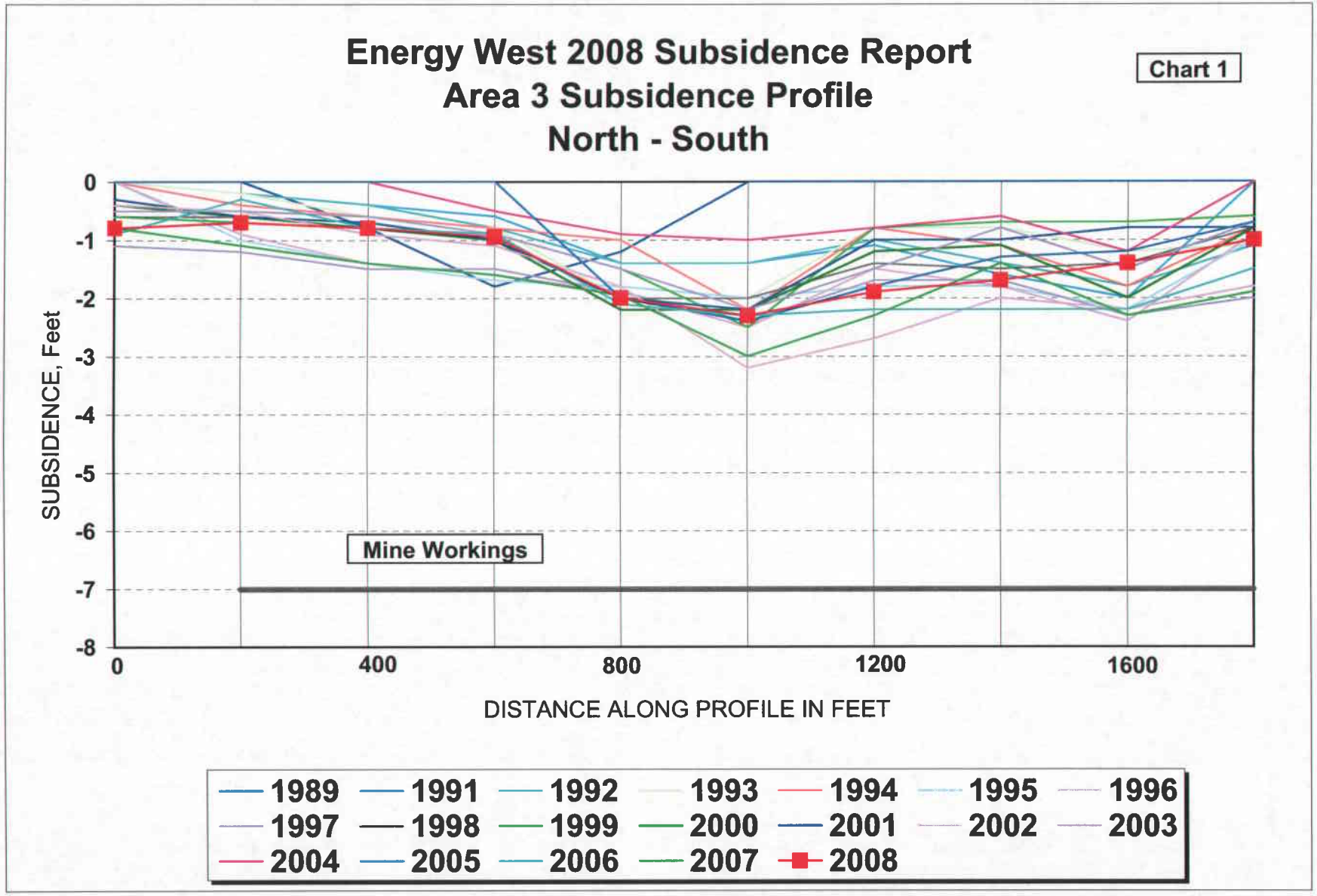
Energy West 2008 Subsidence Report
Area 3 Subsidence Profile
North - South
Chart 1
SUBSIDENCE, Feet
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-2
-3
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-6
-7
-8
Mine Workings
0
400
800
1200
1600
DISTANCE ALONG PROFILE IN FEET
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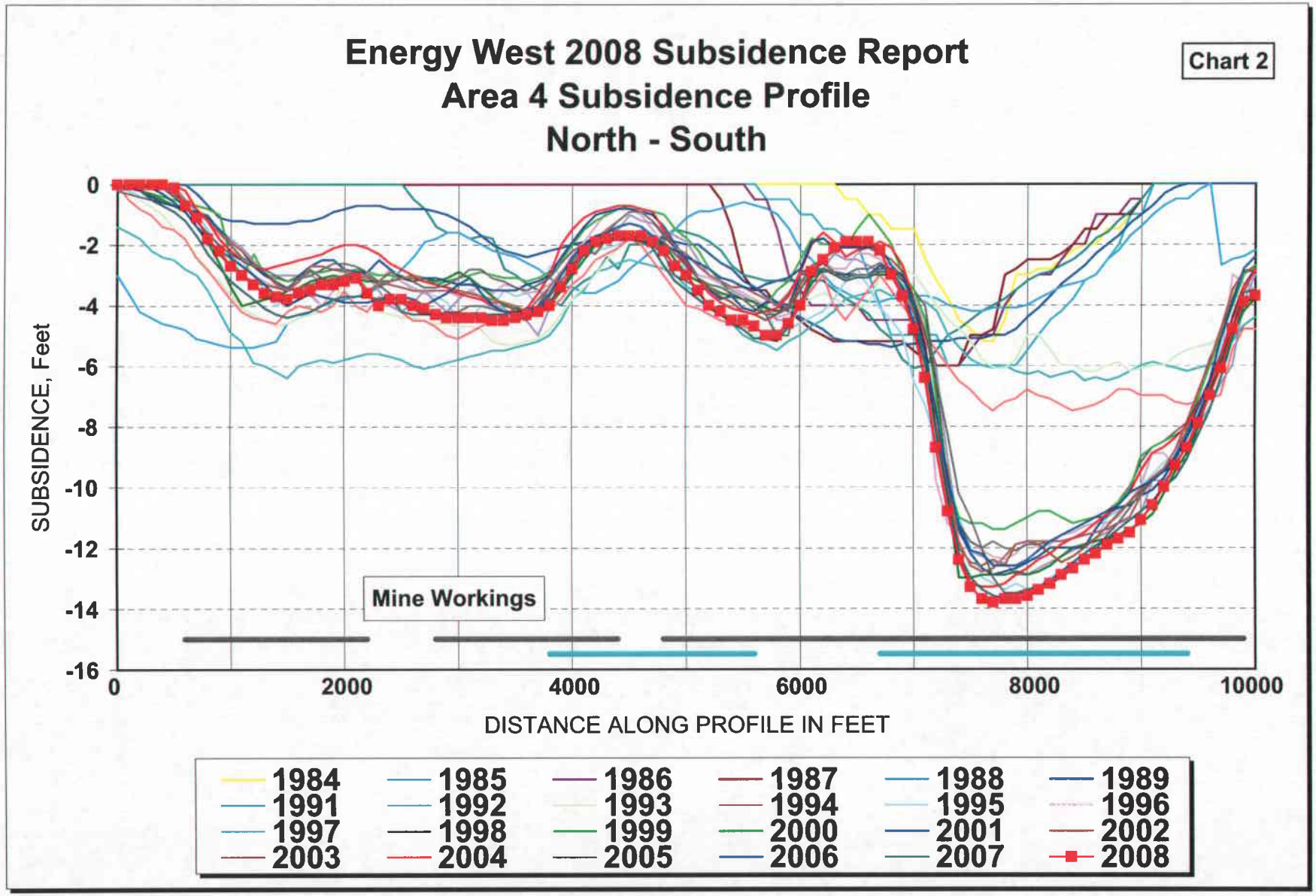
Energy West 2008 Subsidence Report
Area 4 Subsidence Profile
North - South
Chart 2
SUBSIDENCE, Feet
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-14
-16
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10000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
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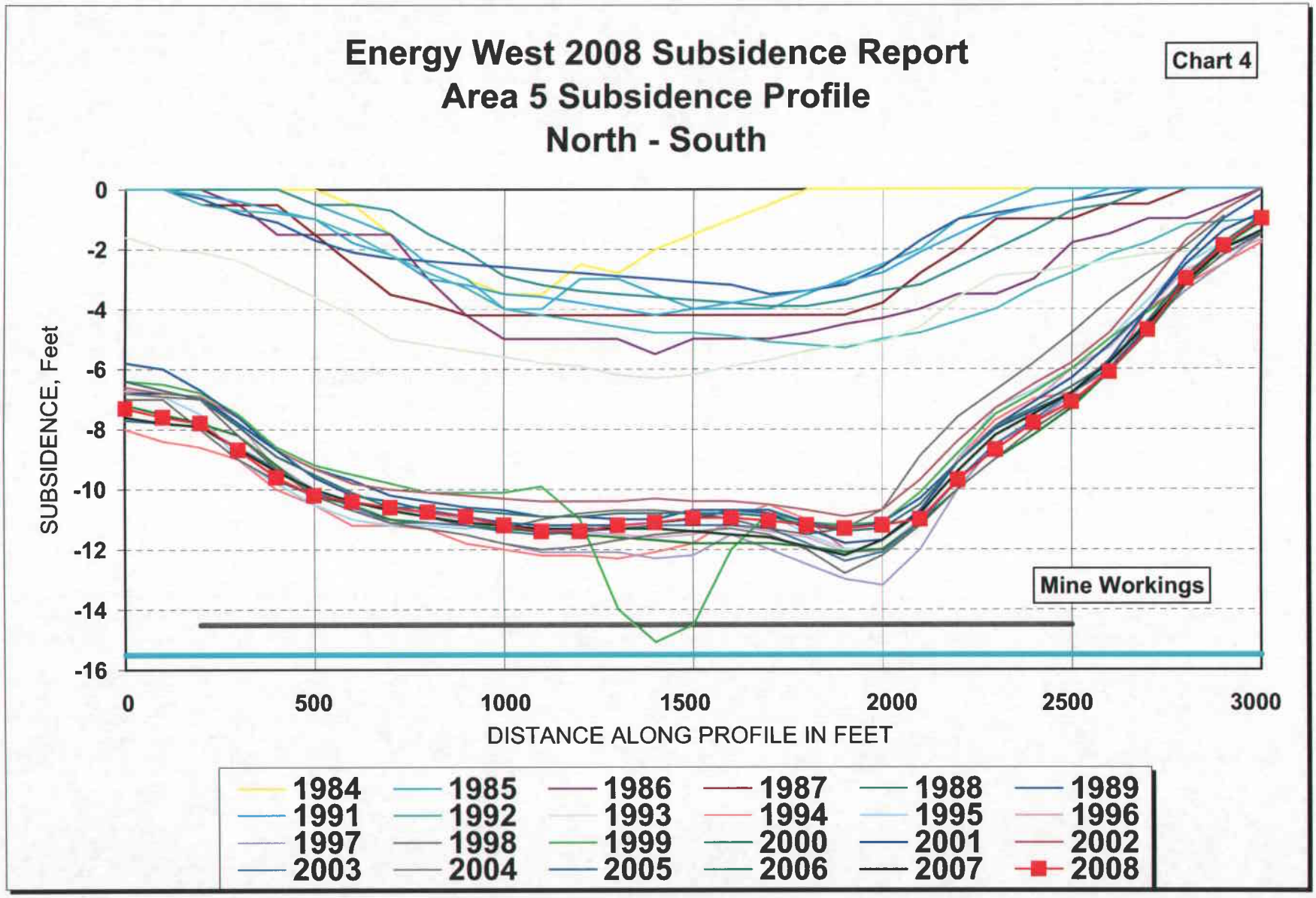
Energy West 2008 Subsidence Report
Area 5 Subsidence Profile
North - South
Chart 4
SUBSIDENCE, Feet
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DISTANCE ALONG PROFILE IN FEET
Mine Workings
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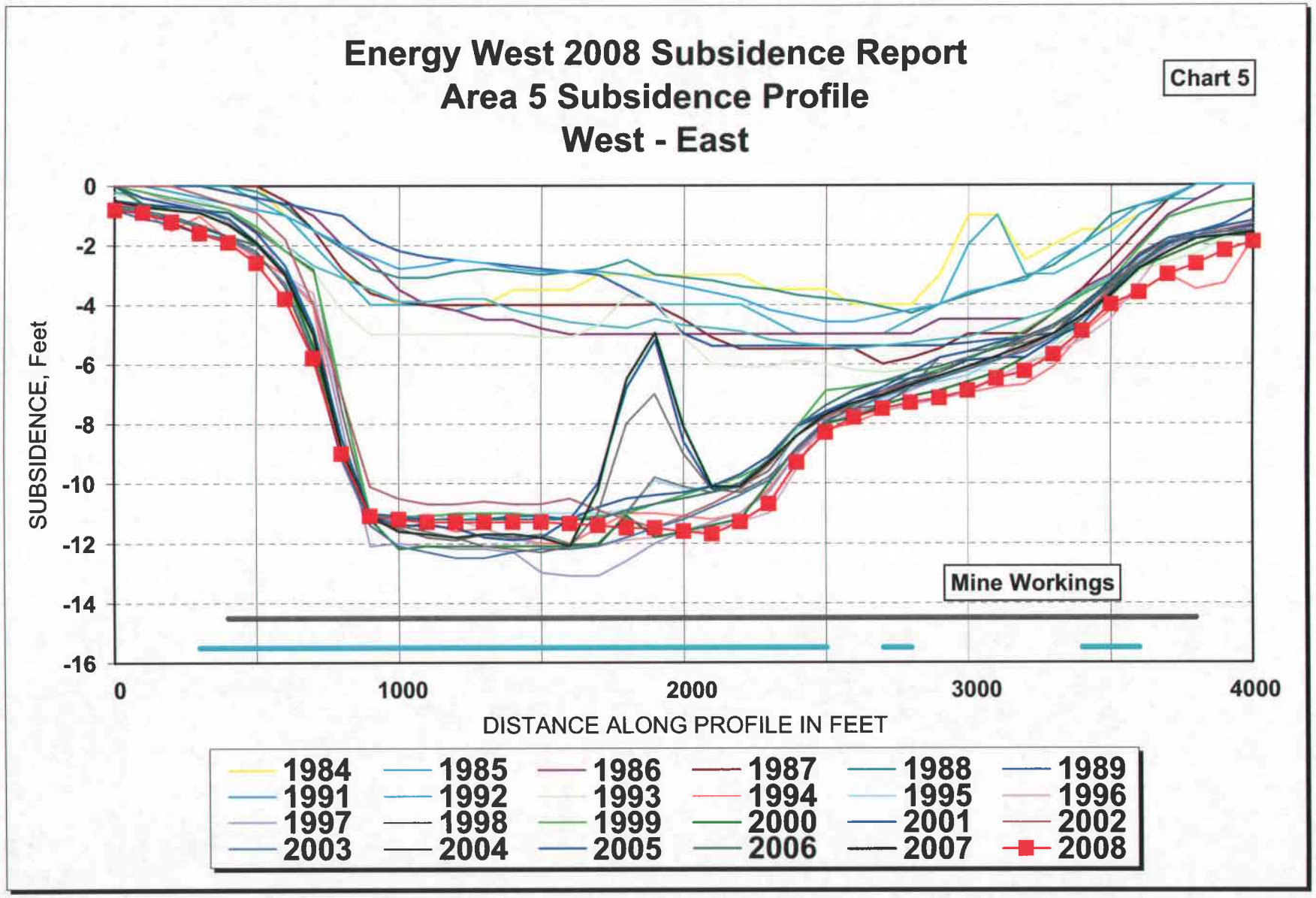
Energy West 2008 Subsidence Report
Area 5 Subsidence Profile
West - East
Chart 5
SUBSIDENCE, Feet
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DISTANCE ALONG PROFILE IN FEET
Mine Workings
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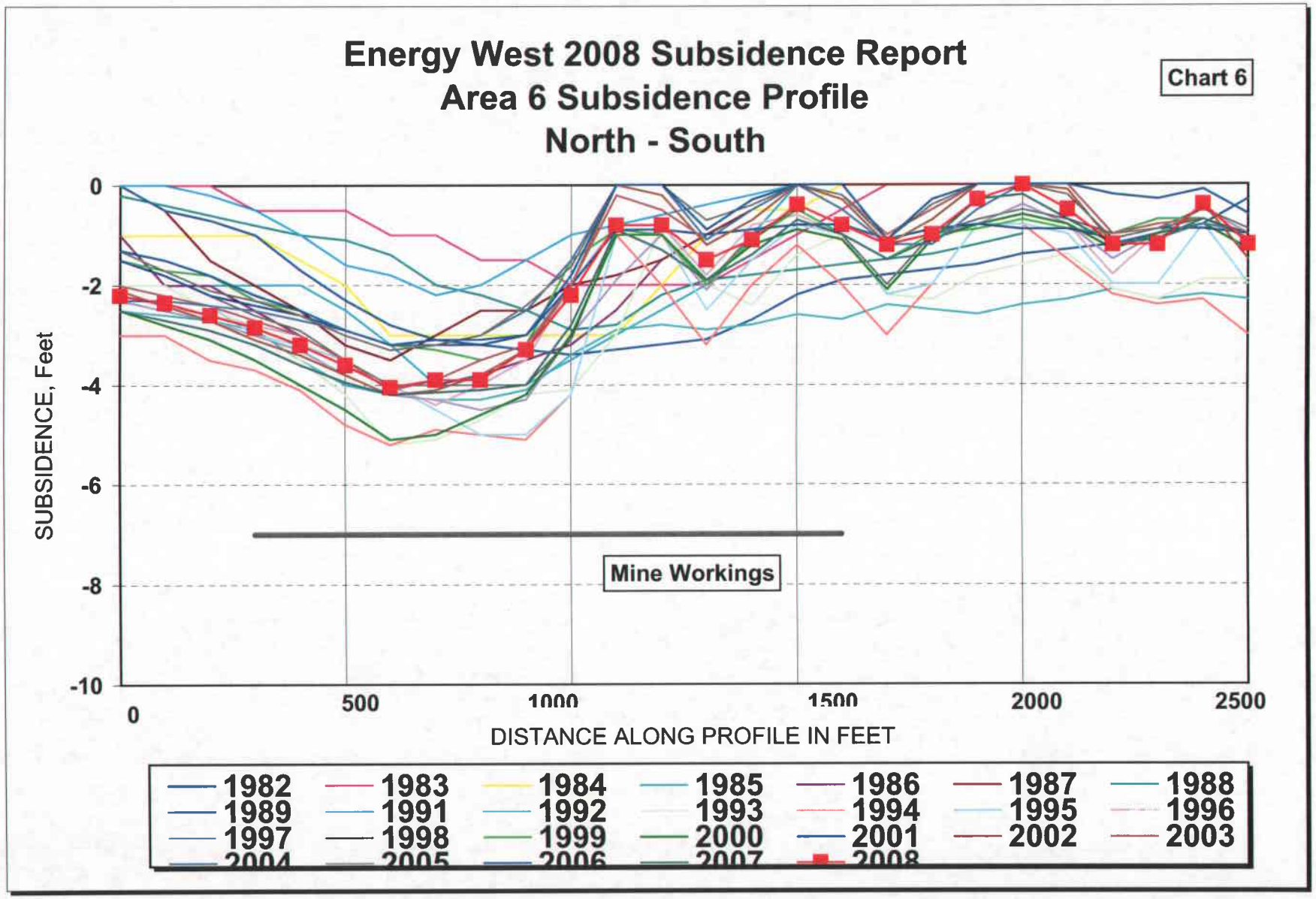
Energy West 2008 Subsidence Report
Area 6 Subsidence Profile
North - South
Chart 6
SUBSIDENCE, Feet
0
-2
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2500
DISTANCE ALONG PROFILE IN FEET
Mine Workings
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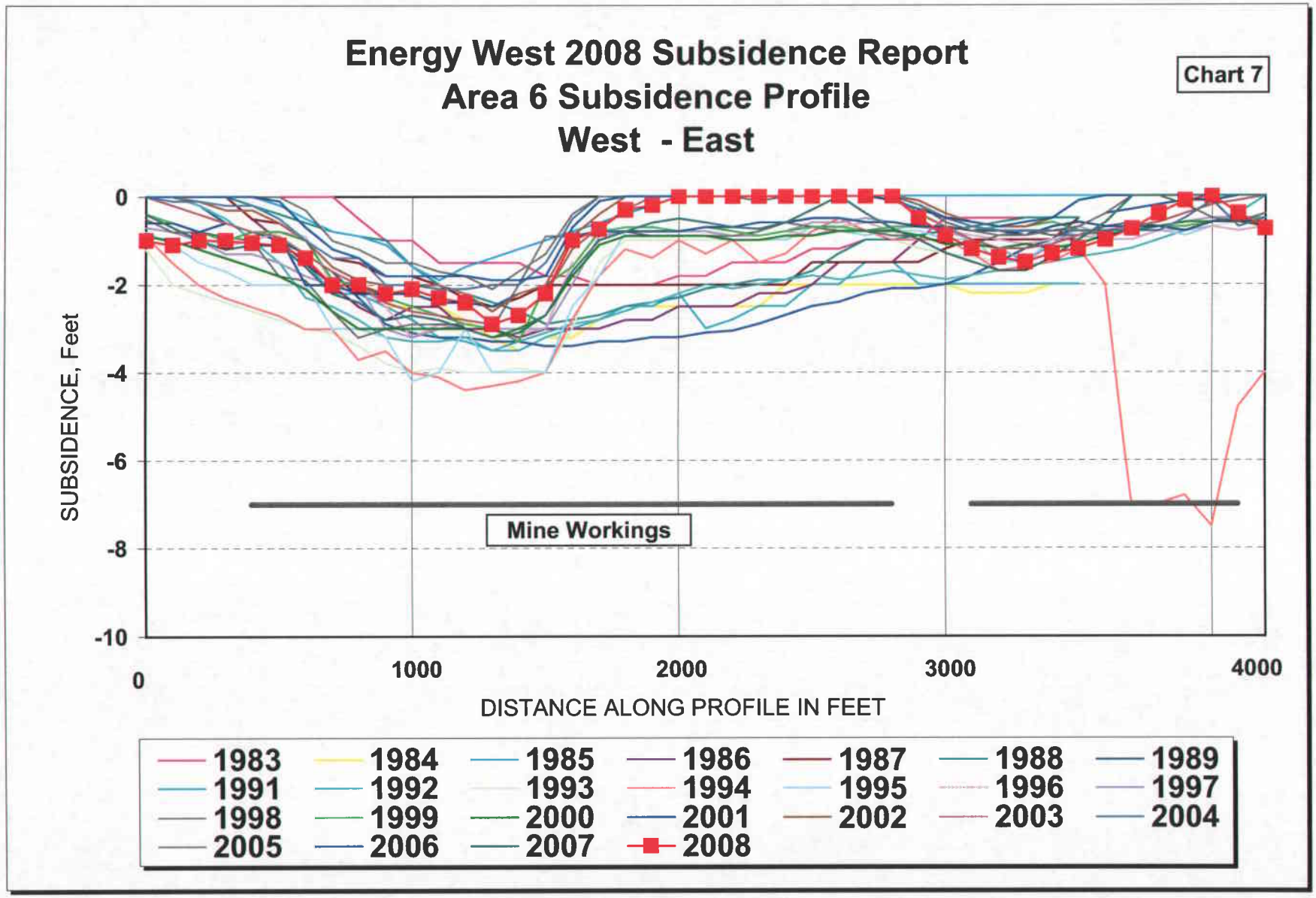
Energy West 2008 Subsidence Report
Area 6 Subsidence Profile
West - East
Chart 7
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
Mine Workings
0
1000
2000
3000
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DISTANCE ALONG PROFILE IN FEET
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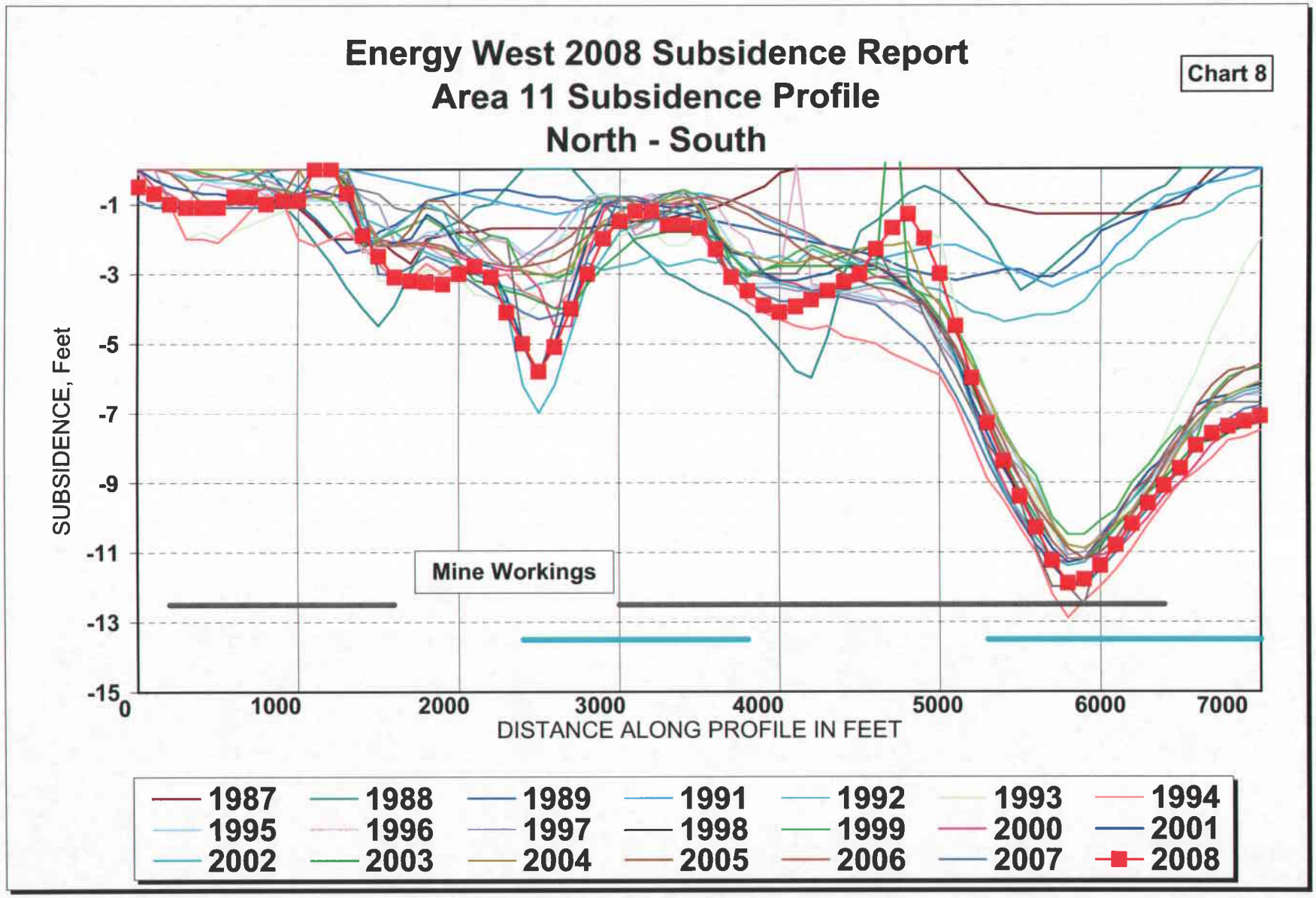
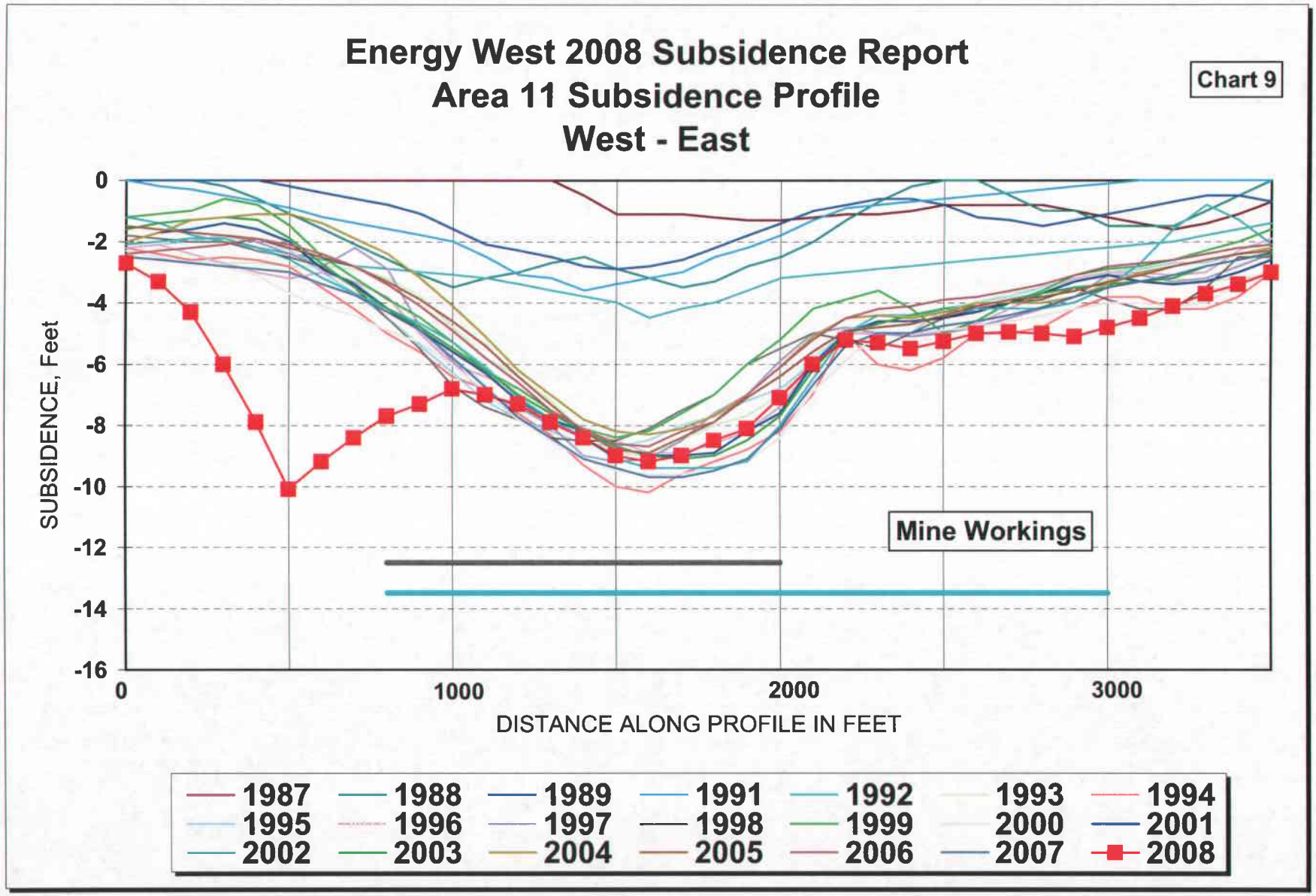
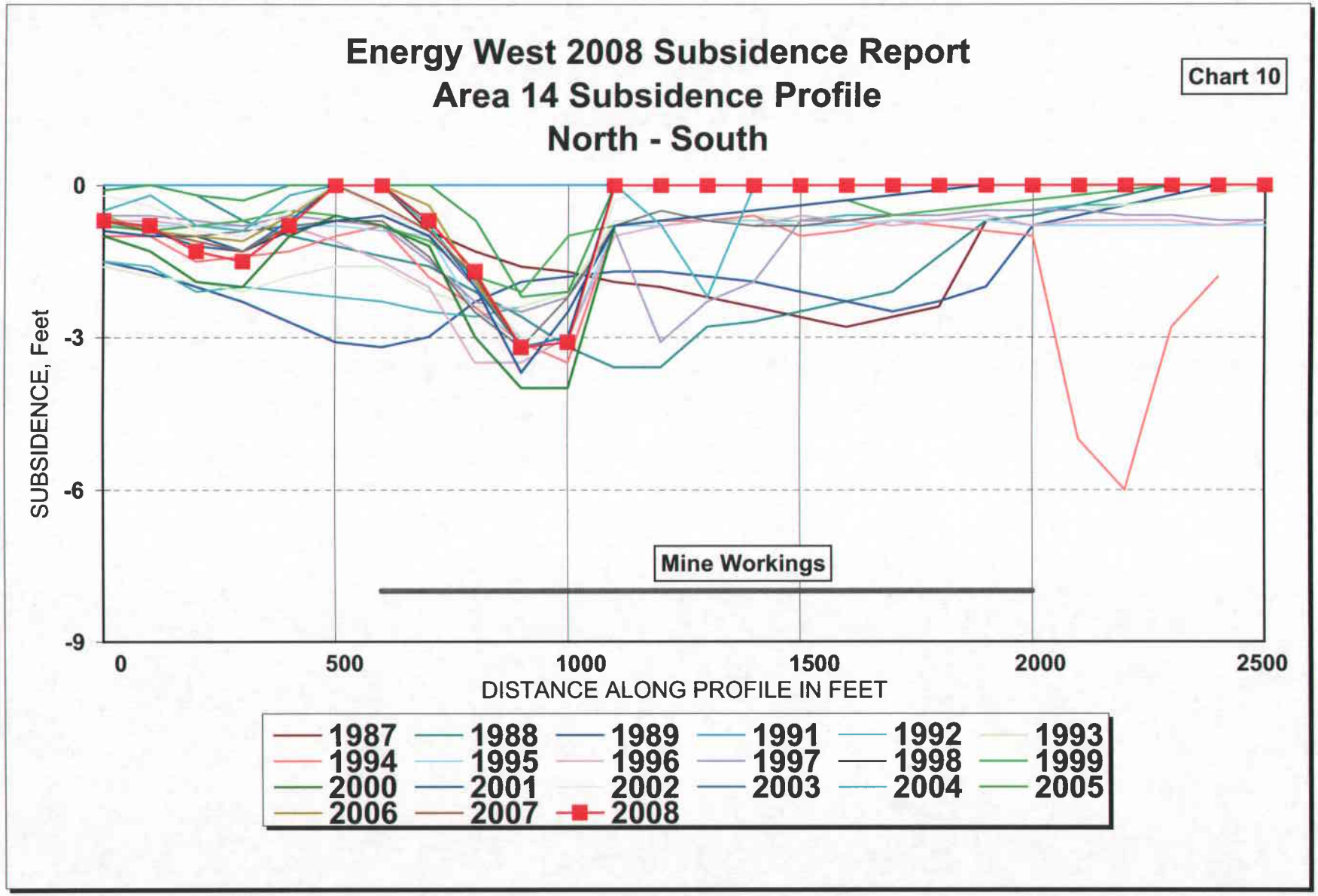
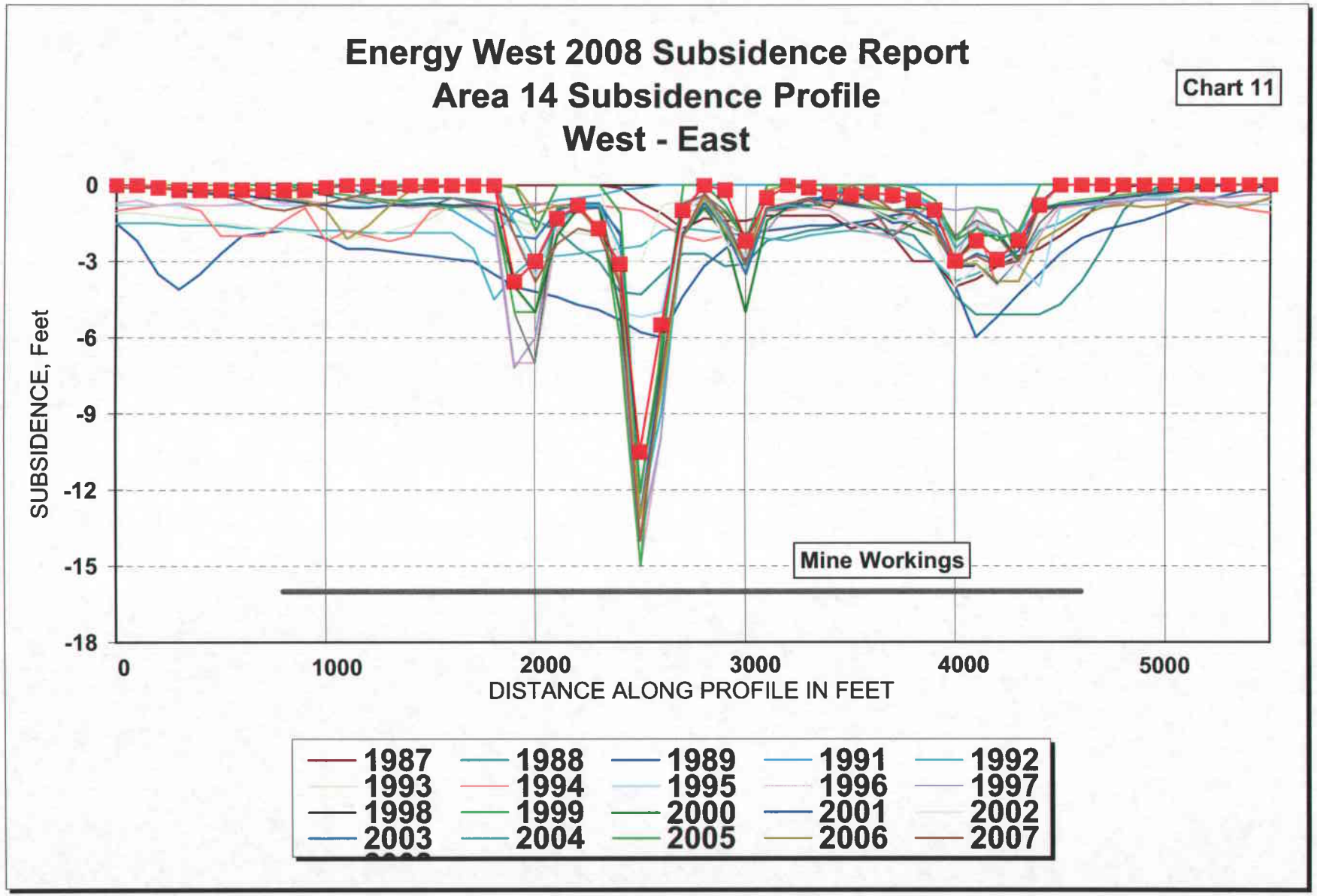
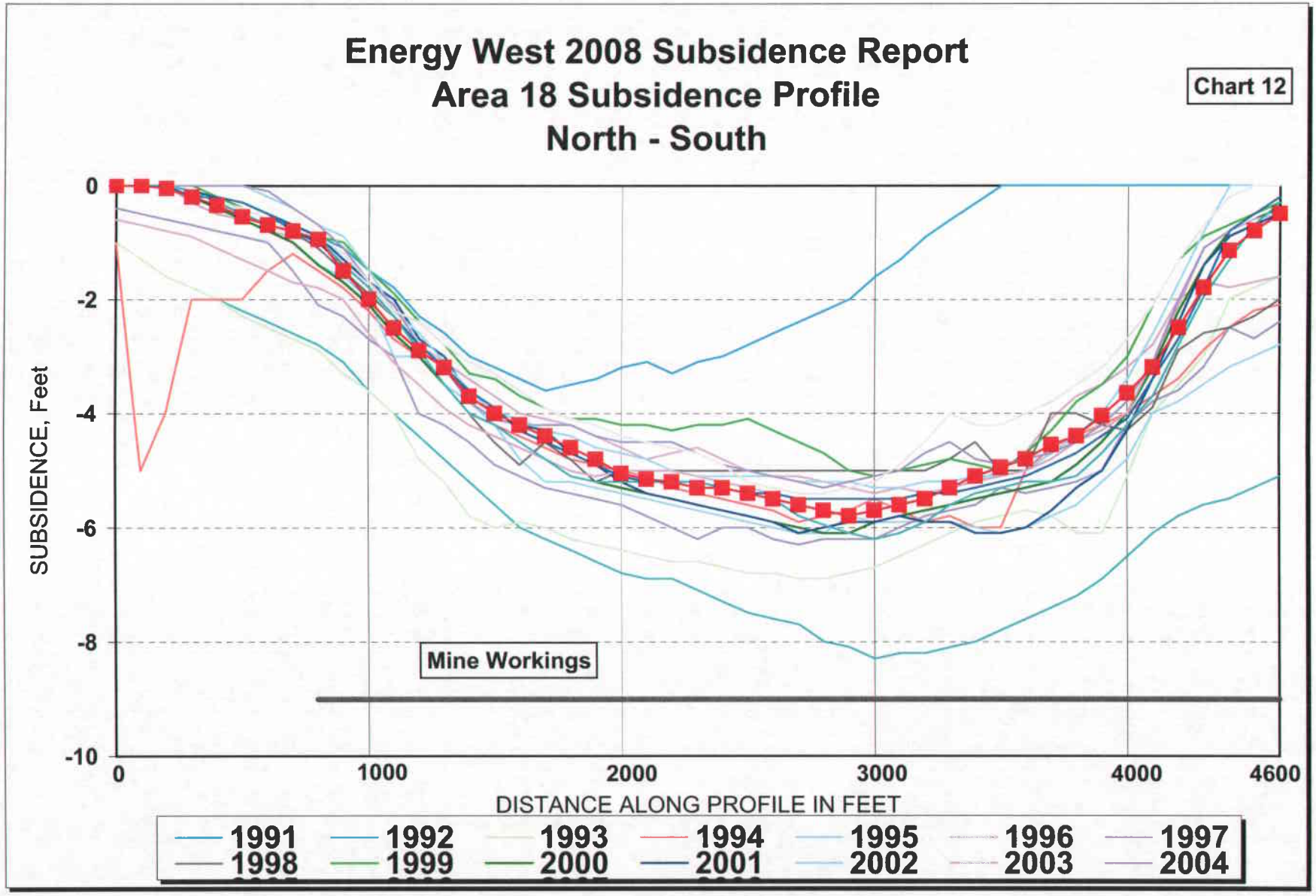
2006
2007
2008

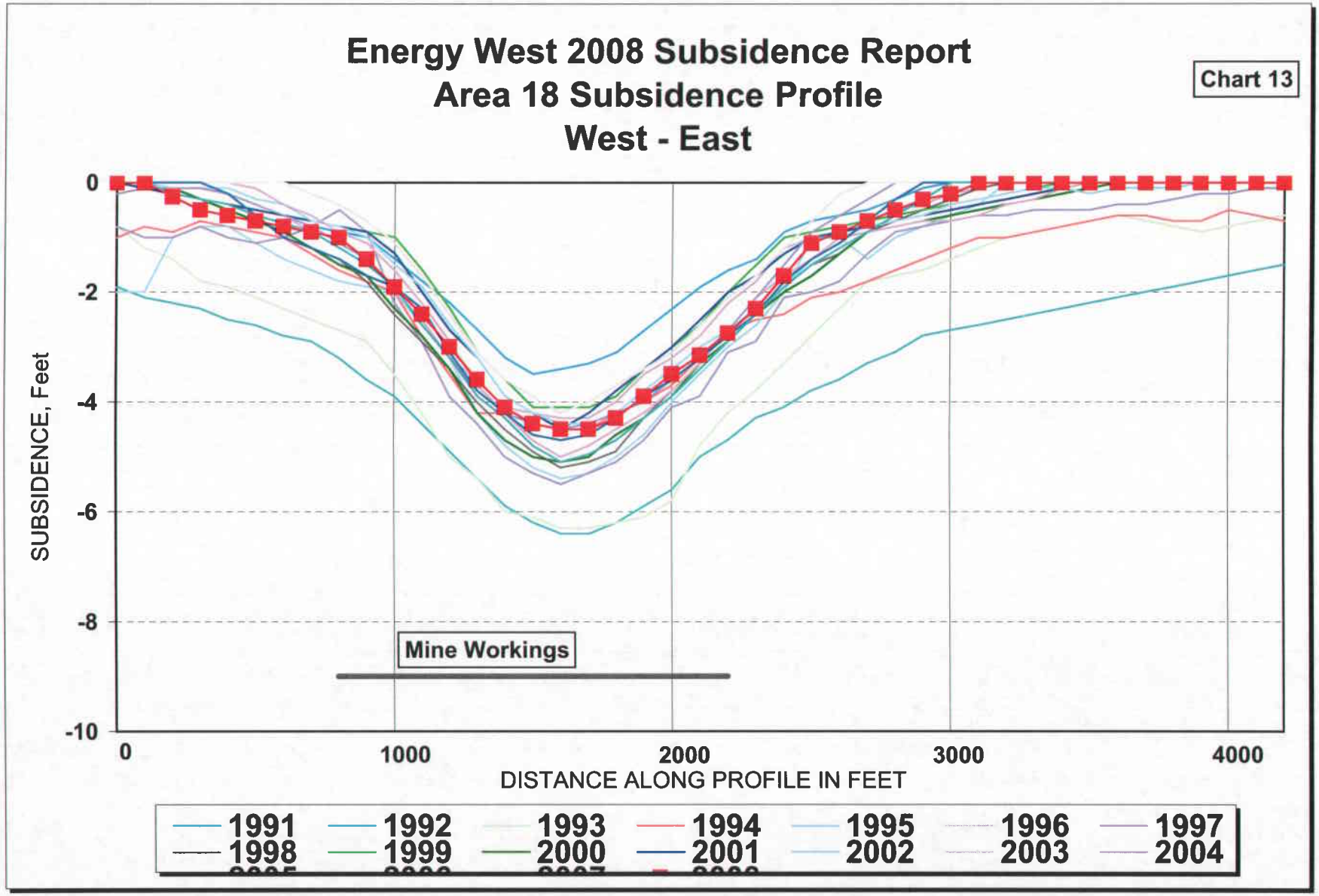

Energy West 2008 Subsidence Report
Area 11 Subsidence Profile
North - South
Chart 8
SUBSIDENCE, Feet
-1
-3
-5
-7
-9
-11
-13
-15
0
1000
2000
3000
4000
5000
6000
7000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1987
1988
1989
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

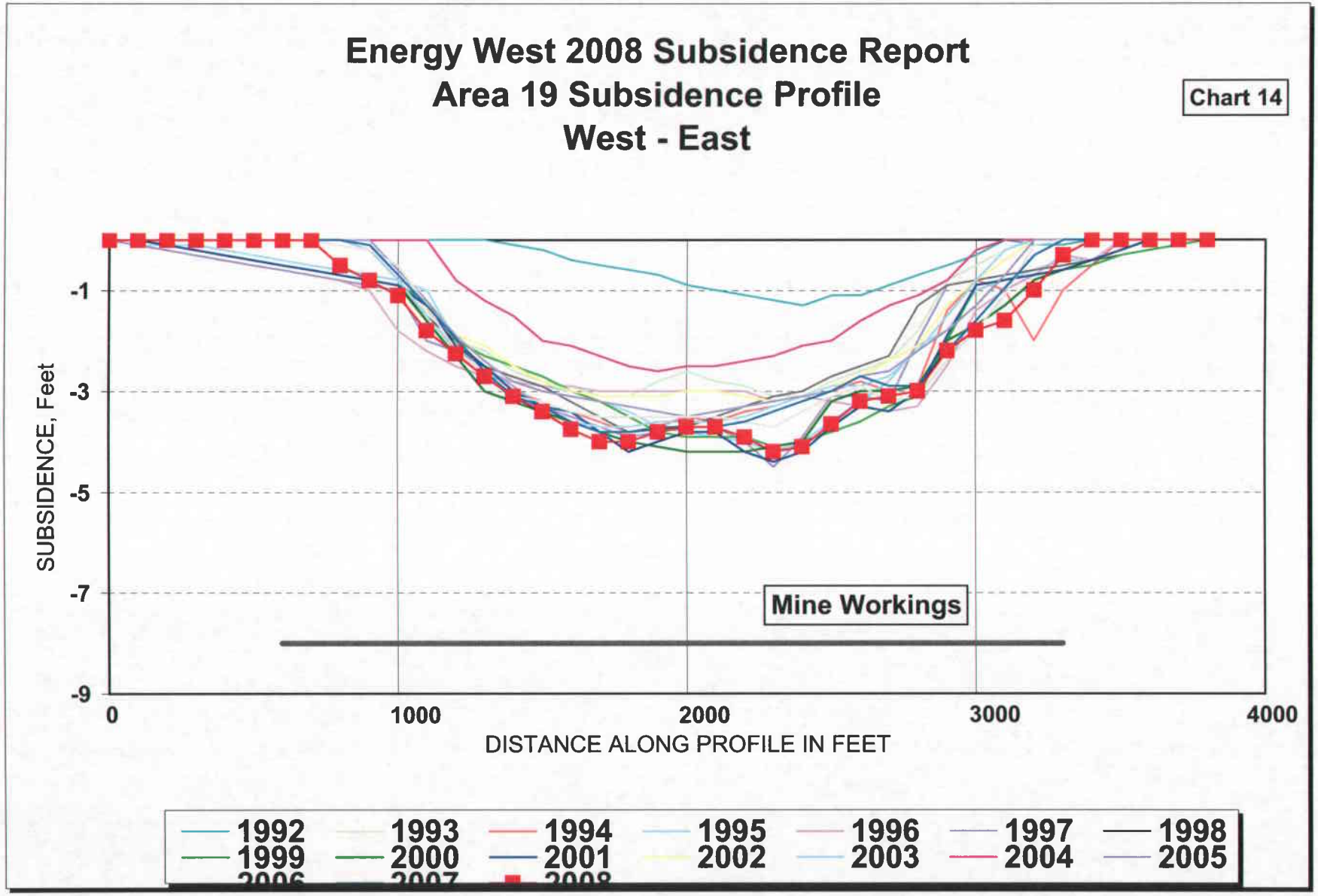

Energy West 2008 Subsidence Report
Area 11 Subsidence Profile
West - East
Chart 9
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
-12
-14
-16
0
1000
2000
3000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1987
1988
1989
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

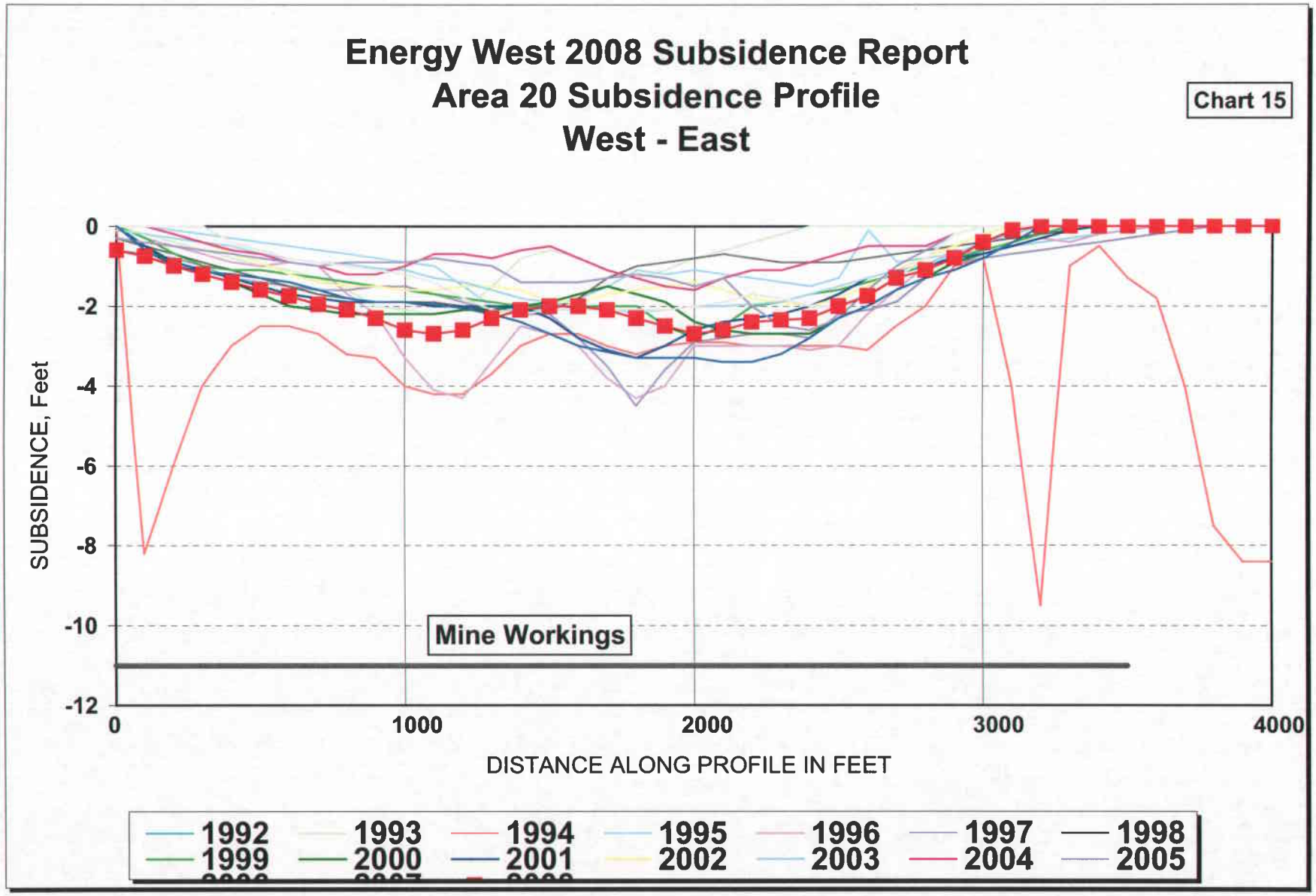

Energy West 2008 Subsidence Report
Area 14 Subsidence Profile
North - South
Chart 10
SUBSIDENCE, Feet
0
-3
-6
-9
0
500
1000
1500
2000
2500
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1987
1988
1989
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

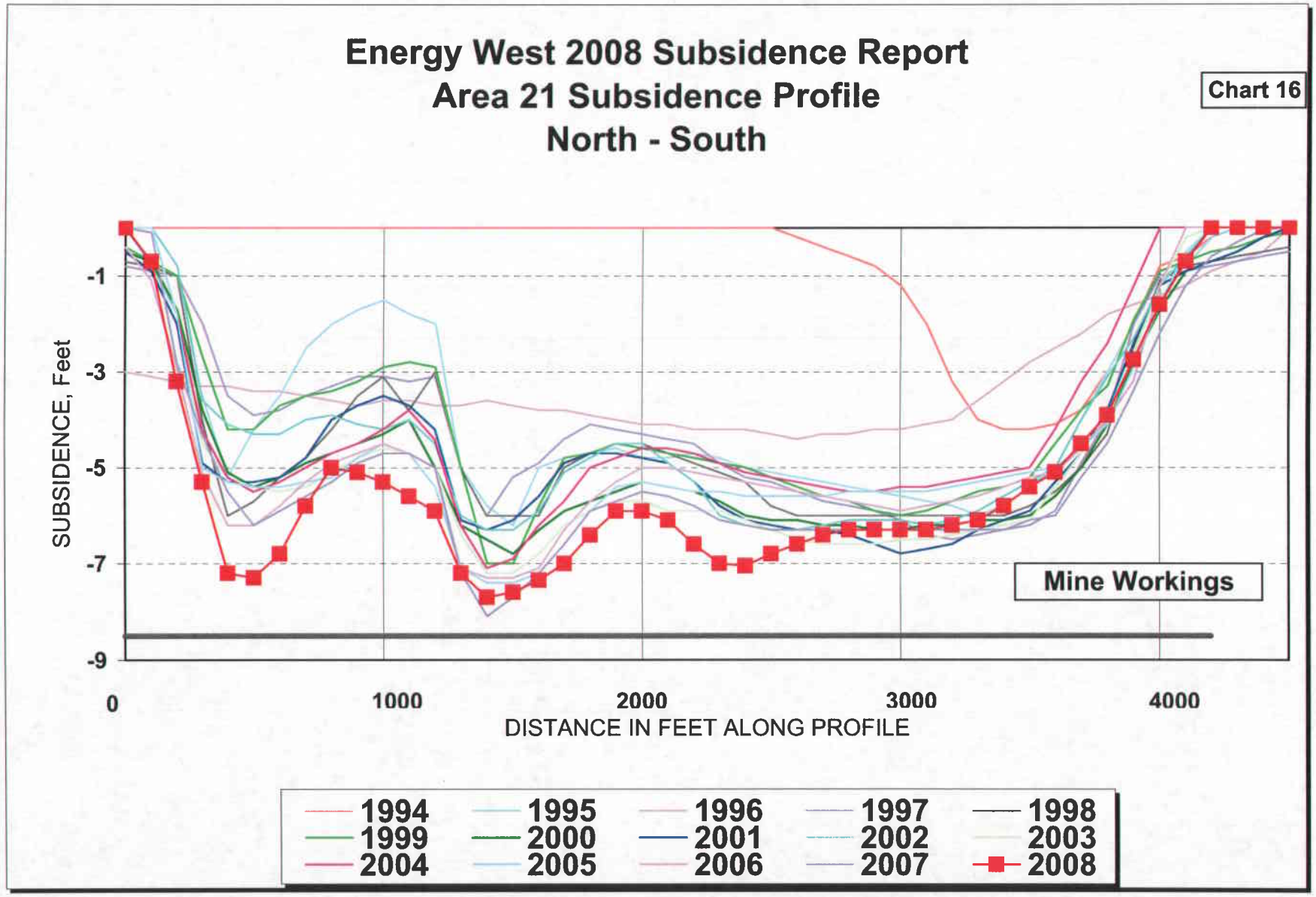

Energy West 2008 Subsidence Report
Area 14 Subsidence Profile
West - East
Chart 11
SUBSIDENCE, Feet
0
-3
-6
-9
-12
-15
-18
0
1000
2000
3000
4000
5000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1987
1988
1989
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007

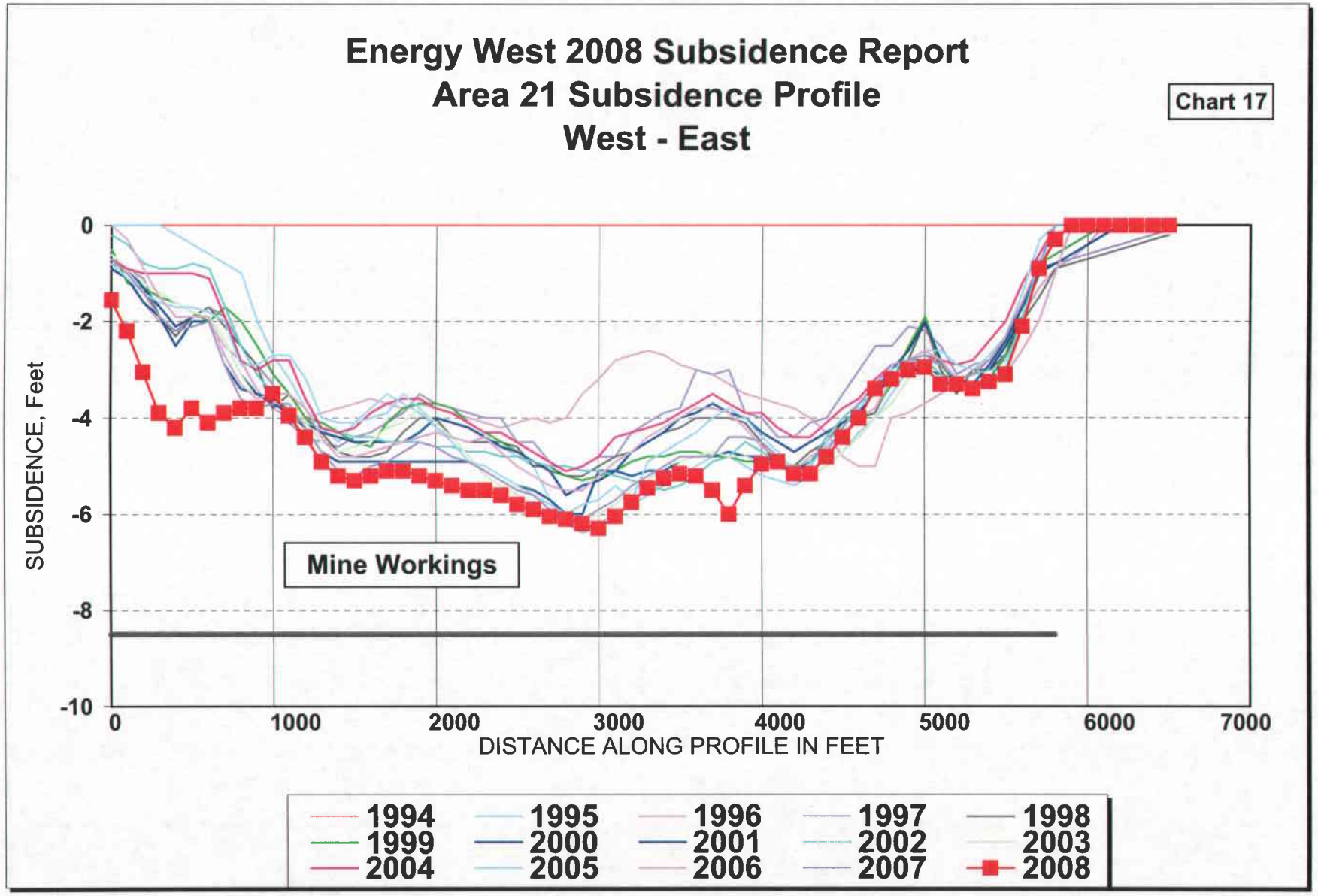

Energy West 2008 Subsidence Report
Area 18 Subsidence Profile
North - South
Chart 12
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
0
1000
2000
3000
4000
4600
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004

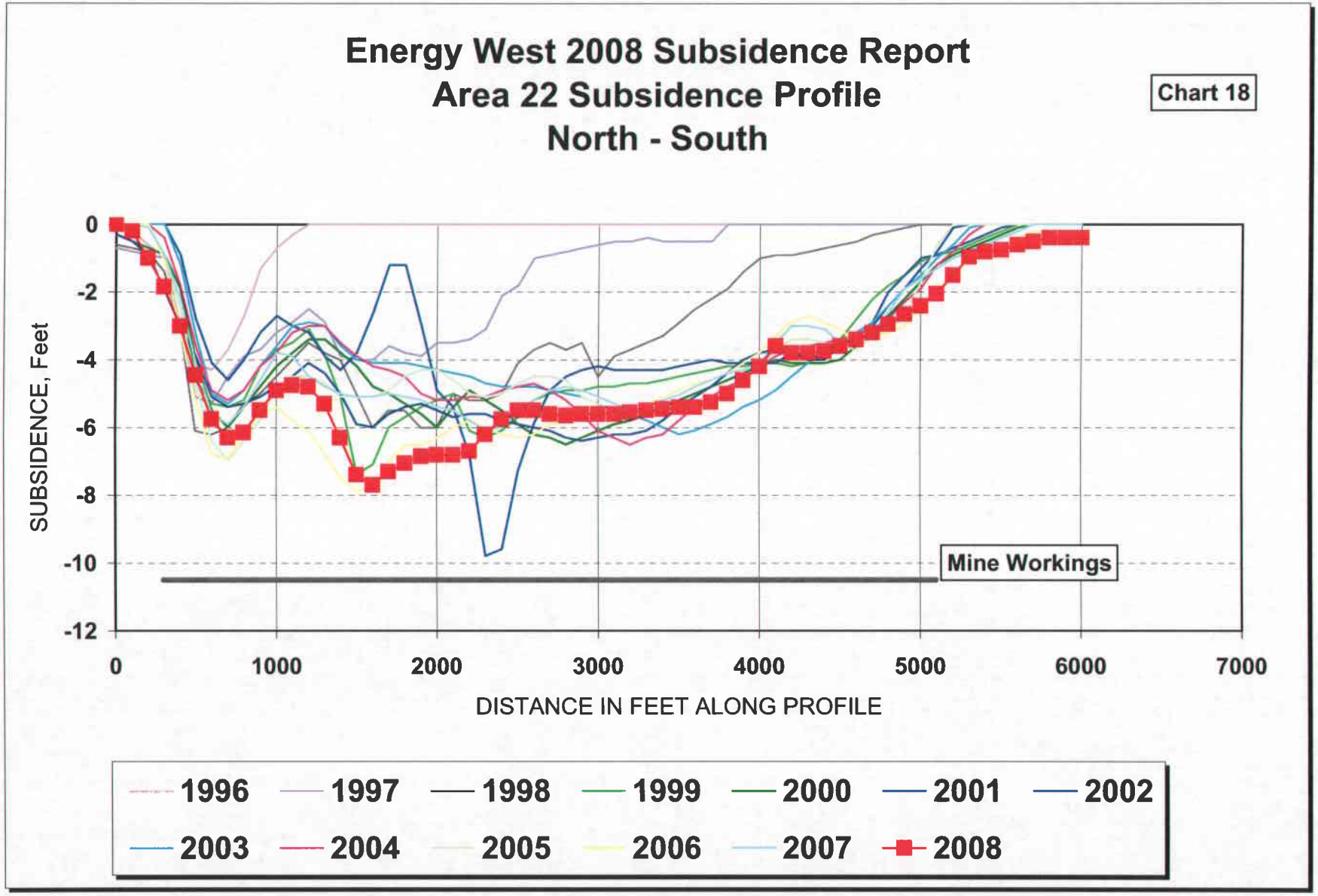

Energy West 2008 Subsidence Report
Area 18 Subsidence Profile
West - East
Chart 13
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
Mine Workings
0
1000
2000
3000
4000
DISTANCE ALONG PROFILE IN FEET
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004


Energy West 2008 Subsidence Report
Area 19 Subsidence Profile
West - East
Chart 14
SUBSIDENCE, Feet
-1
-3
-5
-7
-9
0
1000
2000
3000
4000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008


Energy West 2008 Subsidence Report
Area 20 Subsidence Profile
West - East
Chart 15
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
-12
Mine Workings
0
1000
2000
3000
4000
DISTANCE ALONG PROFILE IN FEET
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005

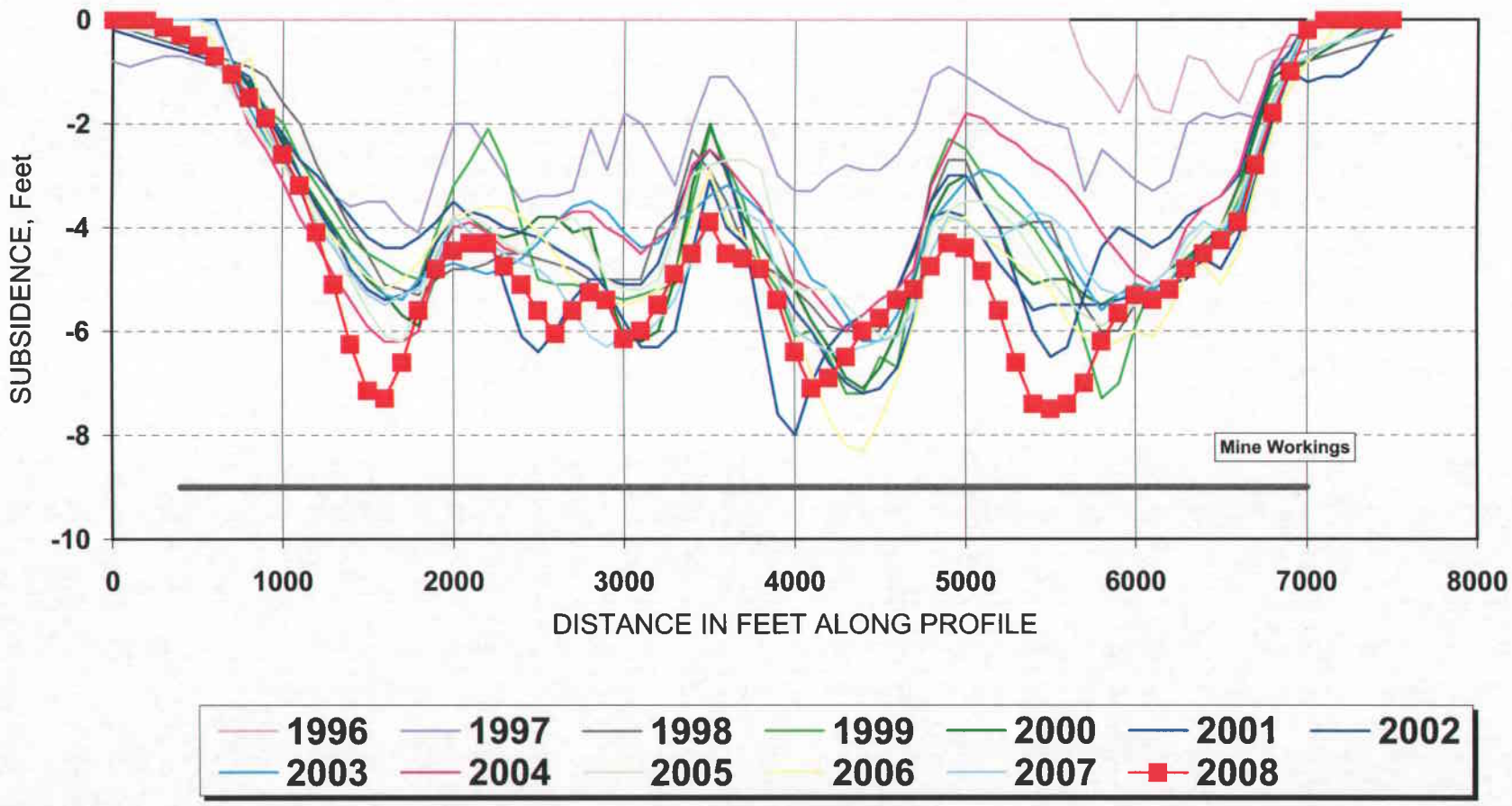

Energy West 2008 Subsidence Report
Area 21 Subsidence Profile
North - South
Chart 16
SUBSIDENCE, Feet
-1
-3
-5
-7
-9
0
1000
2000
3000
4000
DISTANCE IN FEET ALONG PROFILE
Mine Workings
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

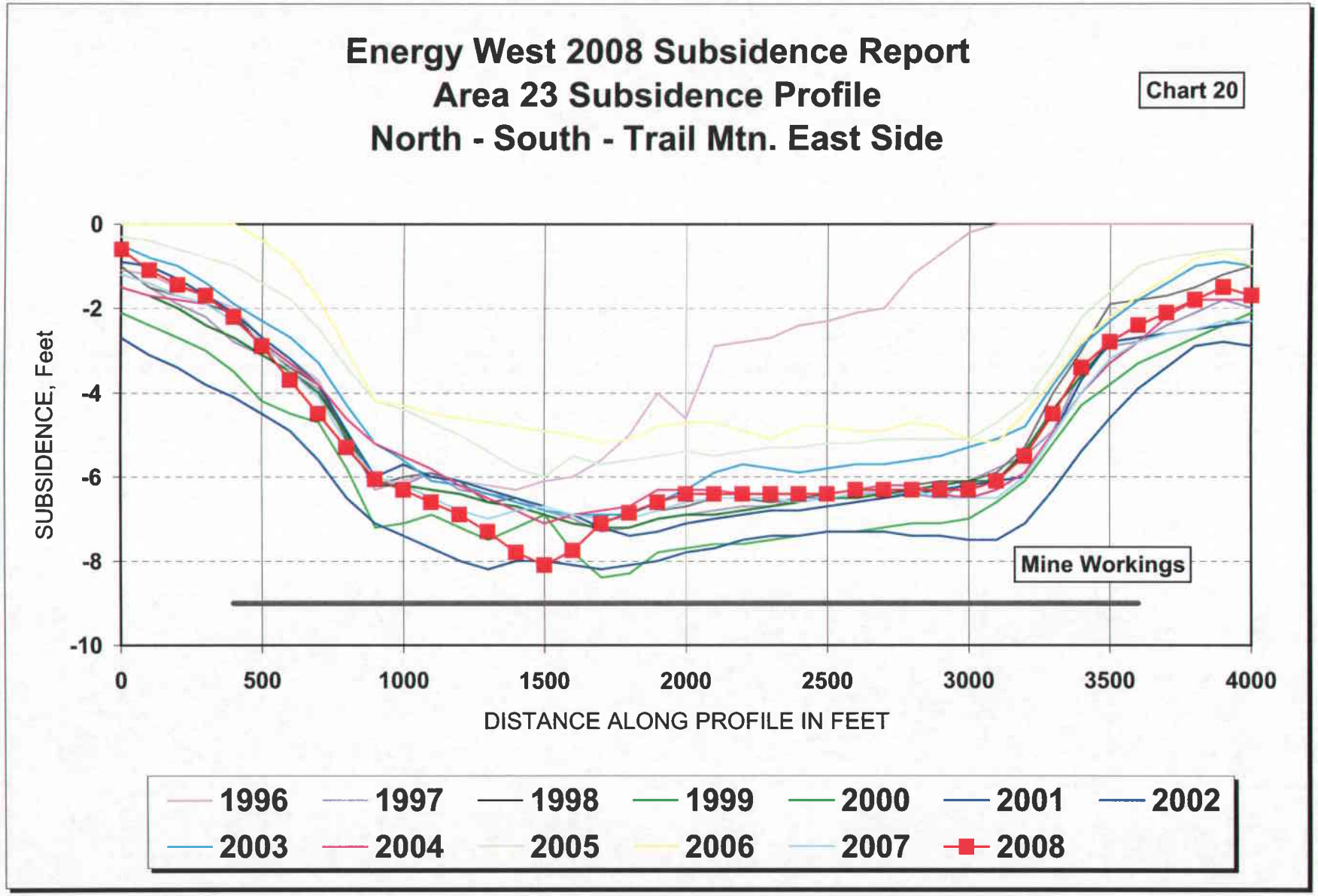

Energy West 2008 Subsidence Report
Area 21 Subsidence Profile
West - East
Chart 17
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
0
1000
2000
3000
4000
5000
6000
7000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

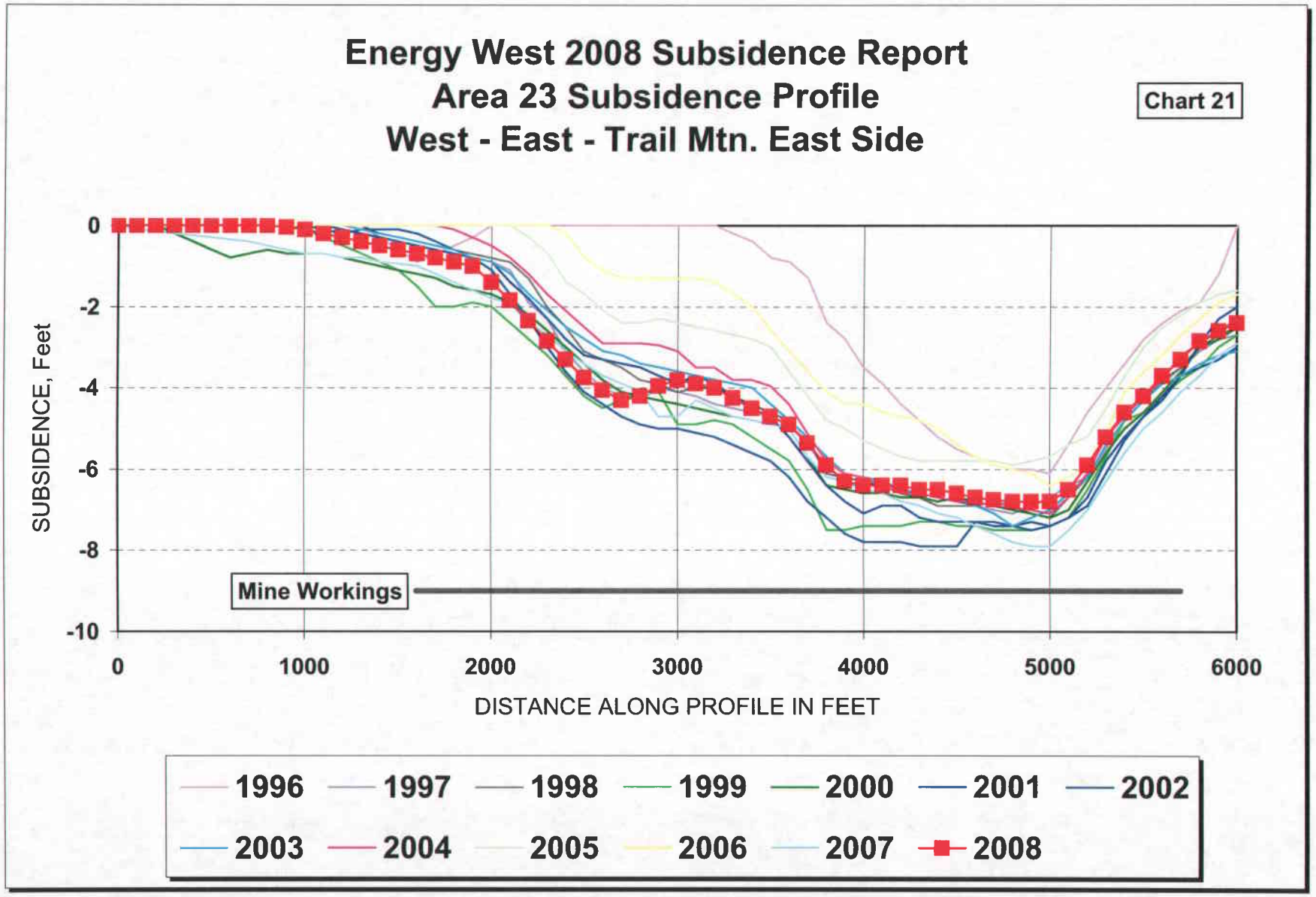

Energy West 2008 Subsidence Report
Area 22 Subsidence Profile
North - South
Chart 18
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
-12
0
1000
2000
3000
4000
5000
6000
7000
DISTANCE IN FEET ALONG PROFILE
Mine Workings
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

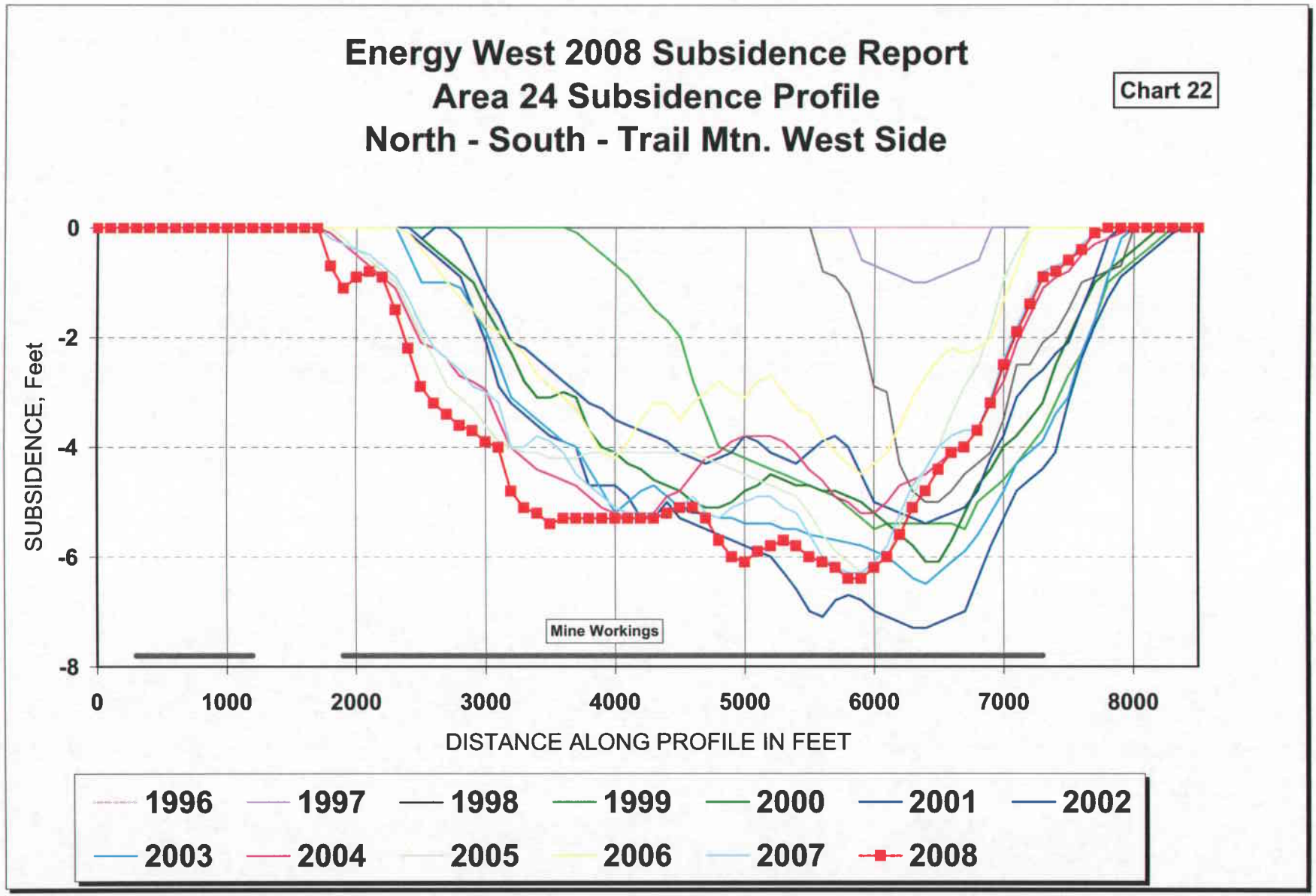
Energy West 2008 Subsidence Report
Area 22 Subsidence Profile
West - East

Chart 19



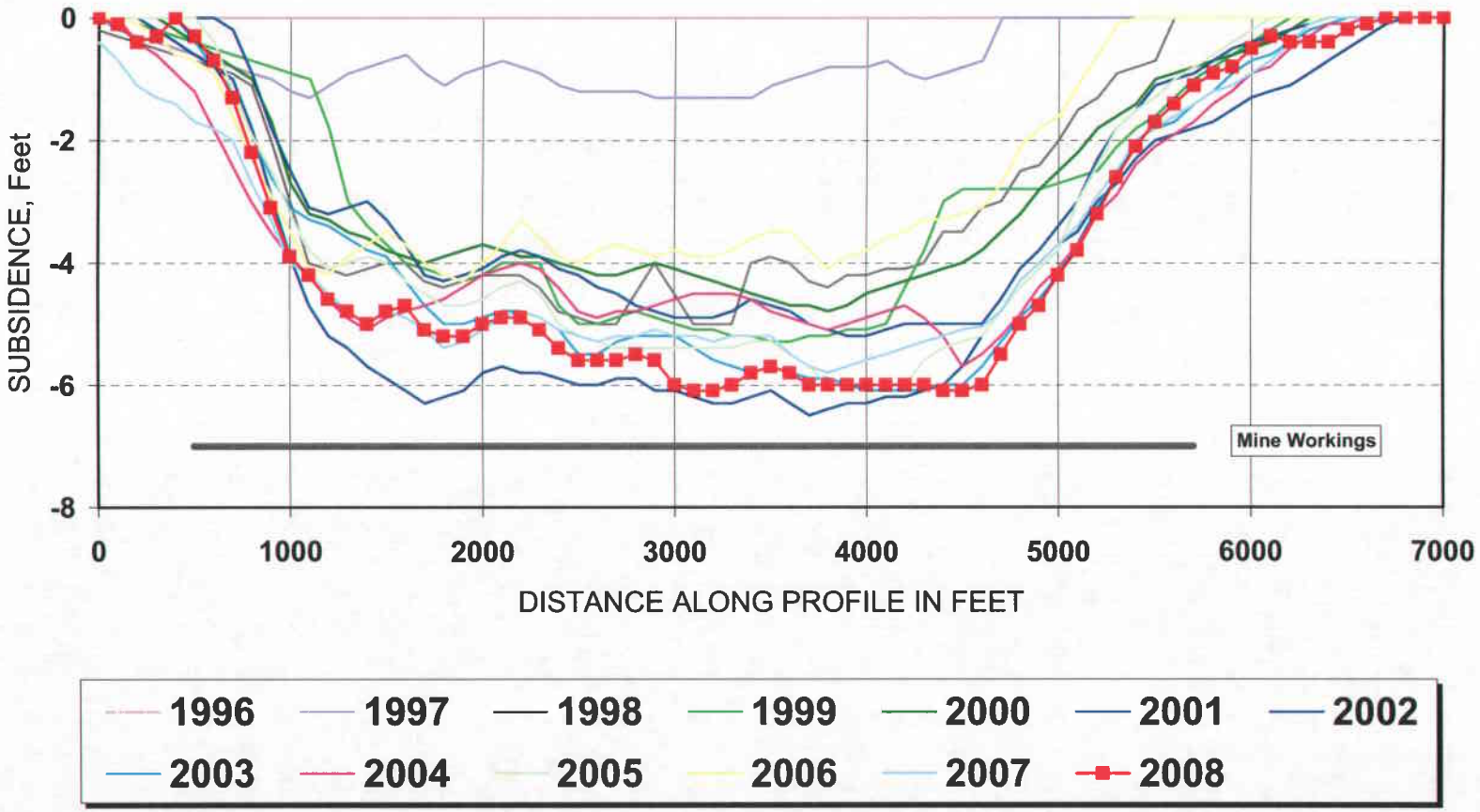

Energy West 2008 Subsidence Report
Area 23 Subsidence Profile
North - South - Trail Mtn. East Side
Chart 20
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
0
500
1000
1500
2000
2500
3000
3500
4000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

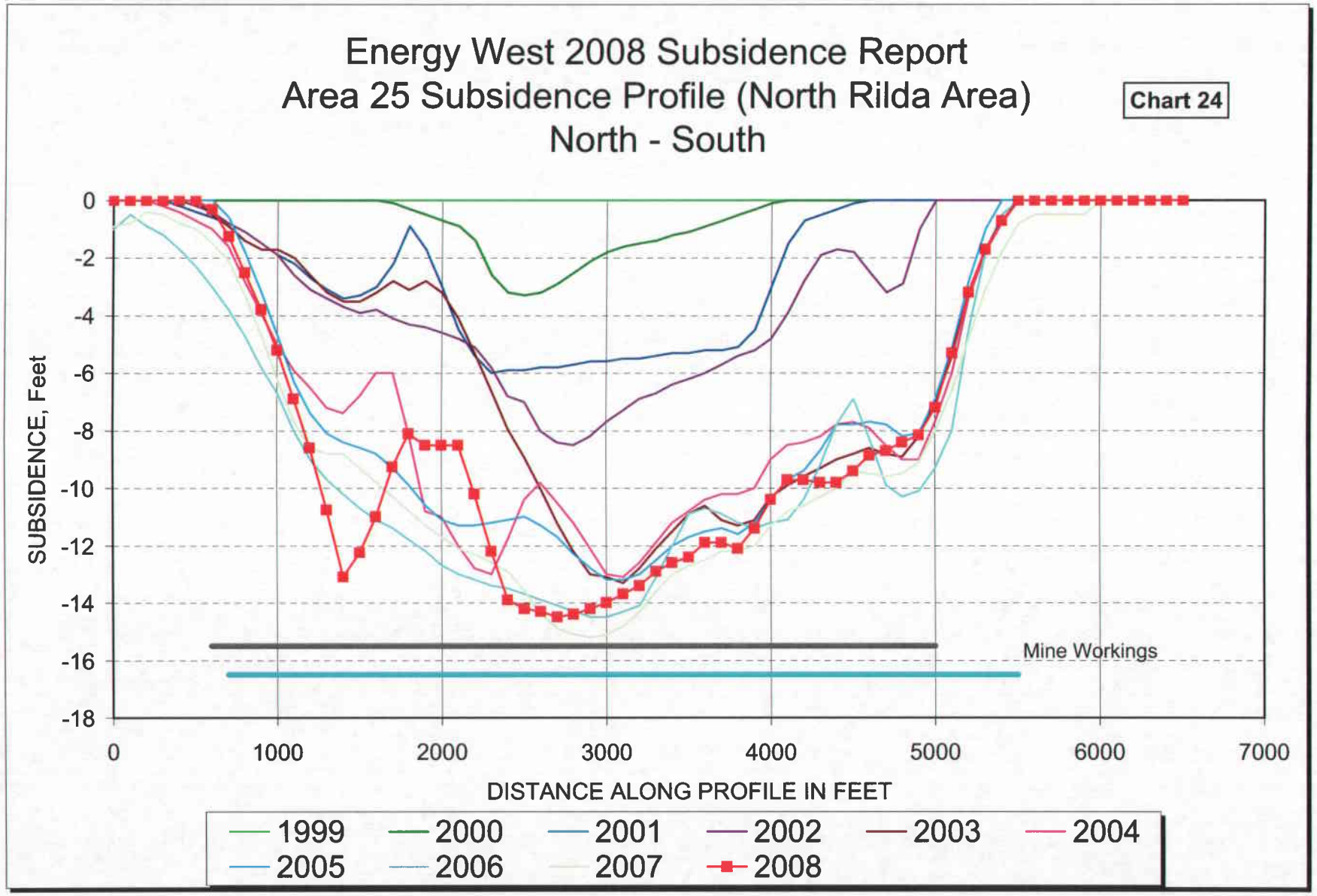

Energy West 2008 Subsidence Report
Area 23 Subsidence Profile
West - East - Trail Mtn. East Side
Chart 21
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
Mine Workings
0
1000
2000
3000
4000
5000
6000
DISTANCE ALONG PROFILE IN FEET
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

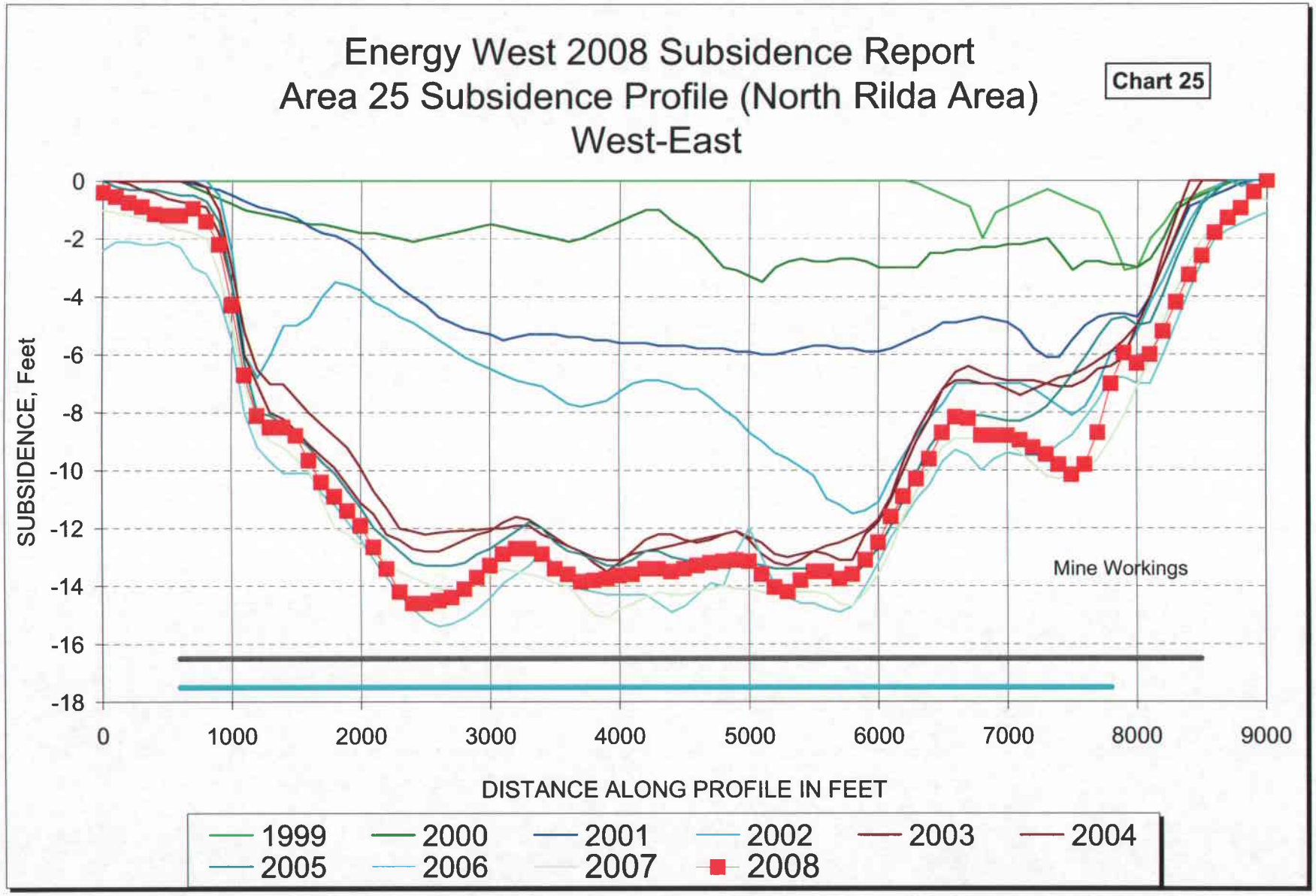

Energy West 2008 Subsidence Report
Area 24 Subsidence Profile
North - South - Trail Mtn. West Side
Chart 22
SUBSIDENCE, Feet
0
-2
-4
-6
-8
Mine Workings
0
1000
2000
3000
4000
5000
6000
7000
8000
DISTANCE ALONG PROFILE IN FEET
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

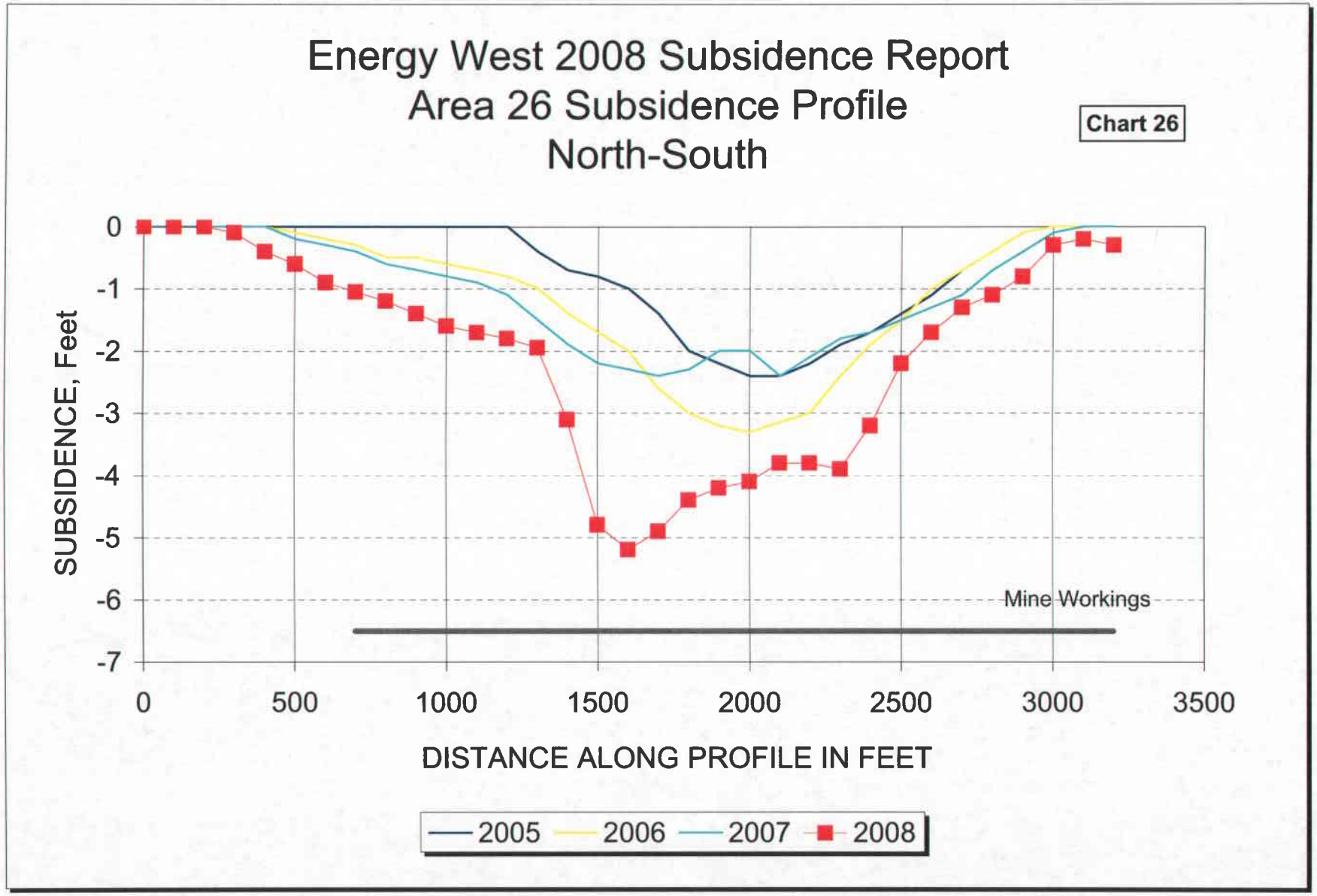
Energy West 2008 Subsidence Report
Area 24 Subsidence Profile
West - East - Trail Mtn. West Side

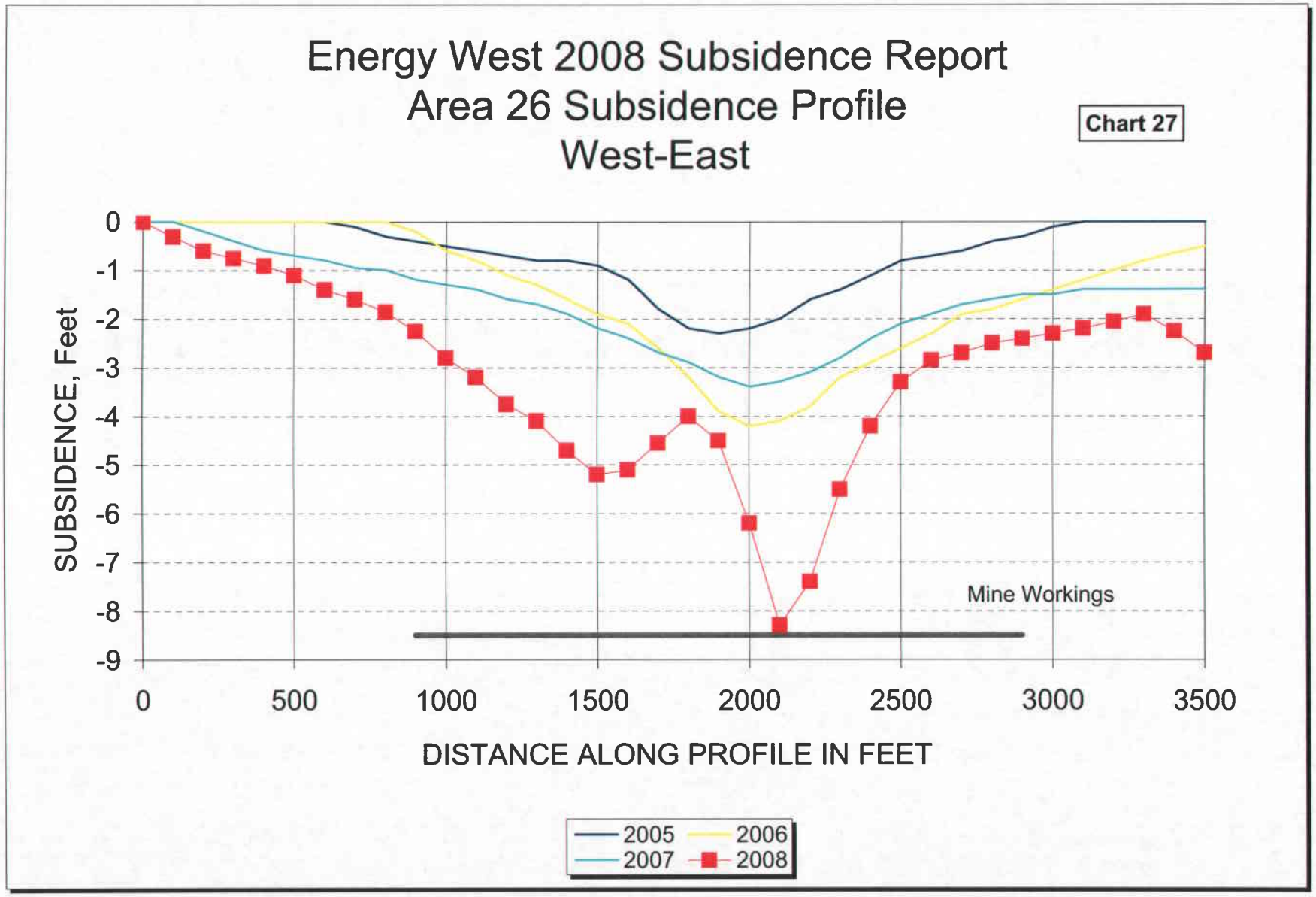
Chart 23

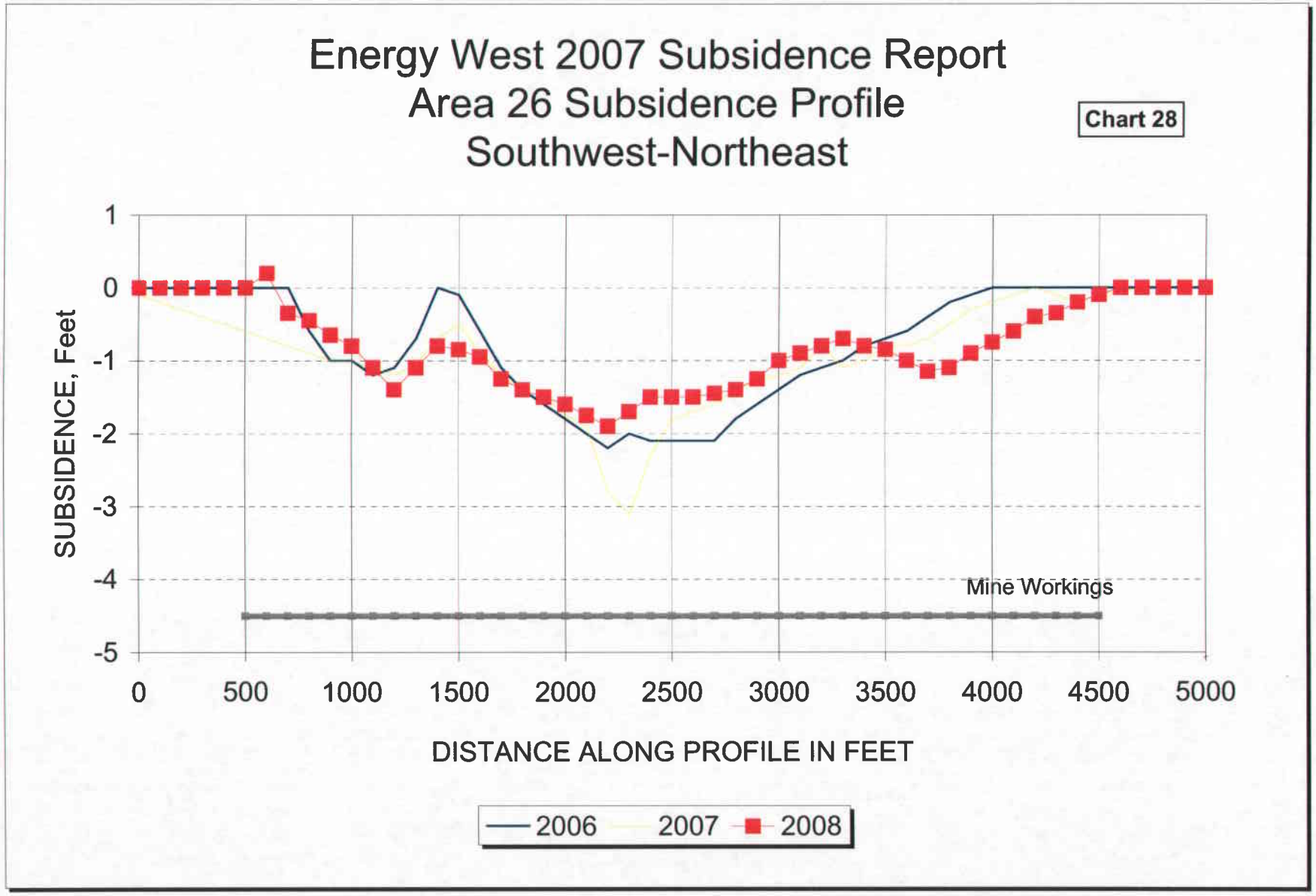


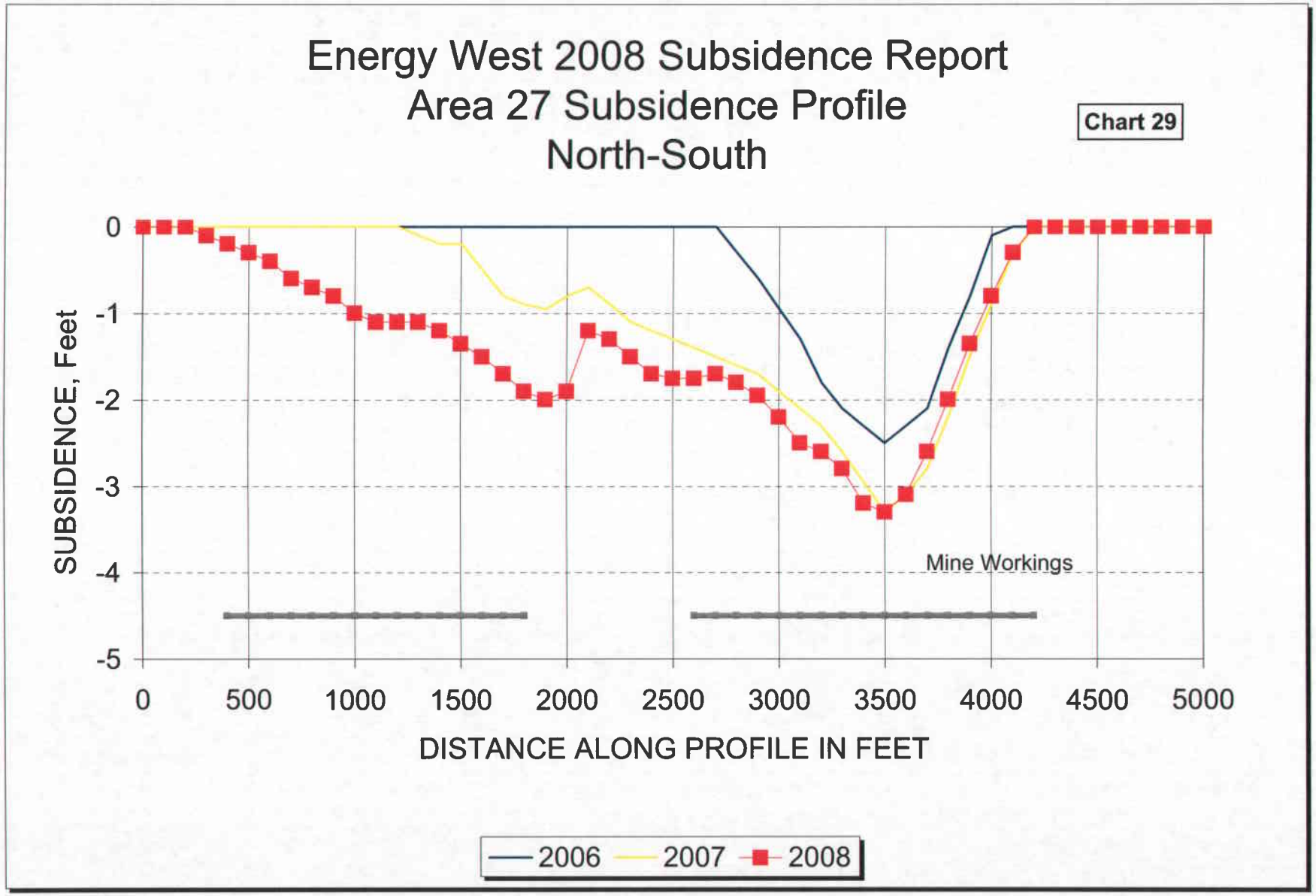

Energy West 2008 Subsidence Report
Area 25 Subsidence Profile (North Rilda Area)
North - South
Chart 24
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
1000
2000
3000
4000
5000
6000
7000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

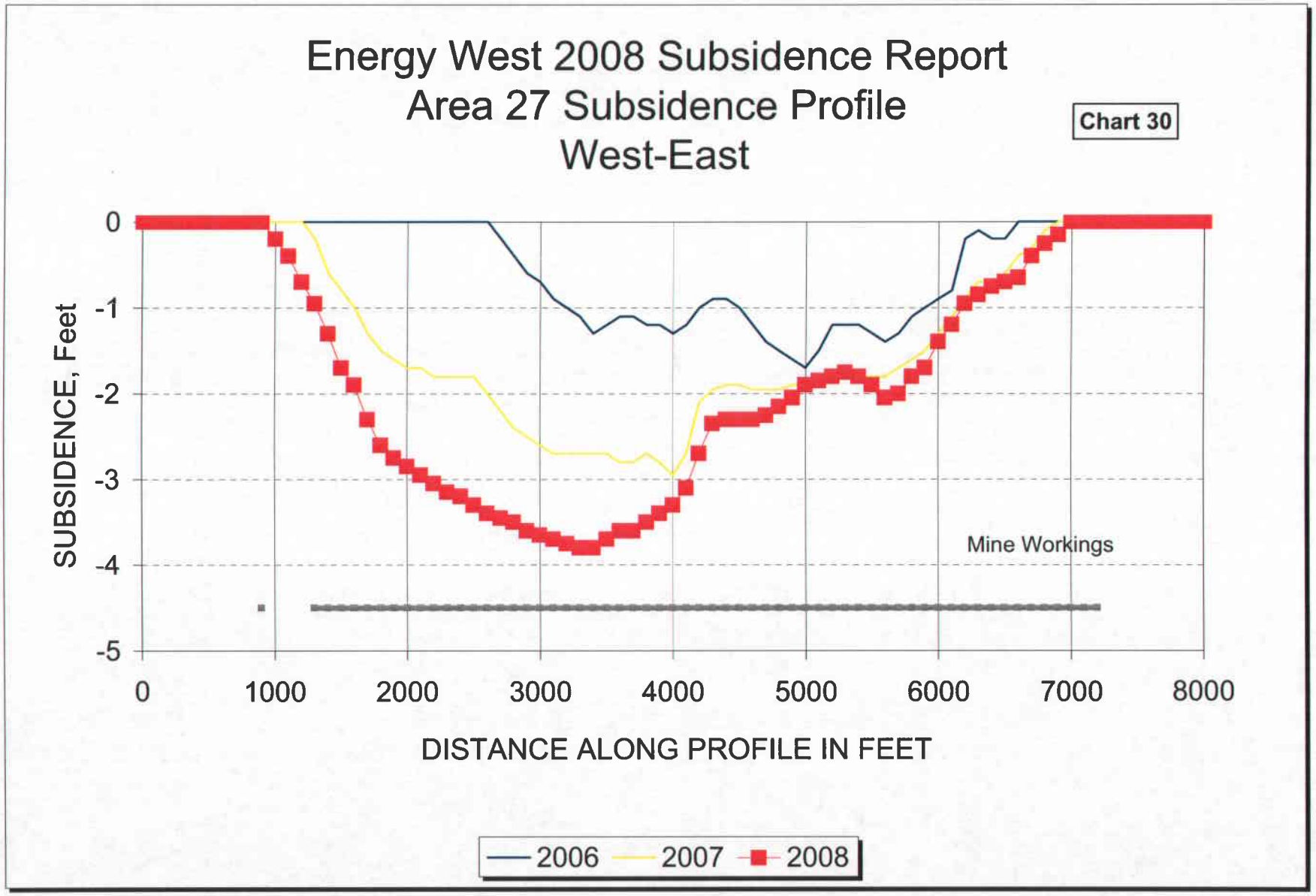

Energy West 2008 Subsidence Report
Area 25 Subsidence Profile (North Rilda Area)
West-East
Chart 25
SUBSIDENCE, Feet
0
-2
-4
-6
-8
-10
-12
-14
-16
-18
0
1000
2000
3000
4000
5000
6000
7000
8000
9000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

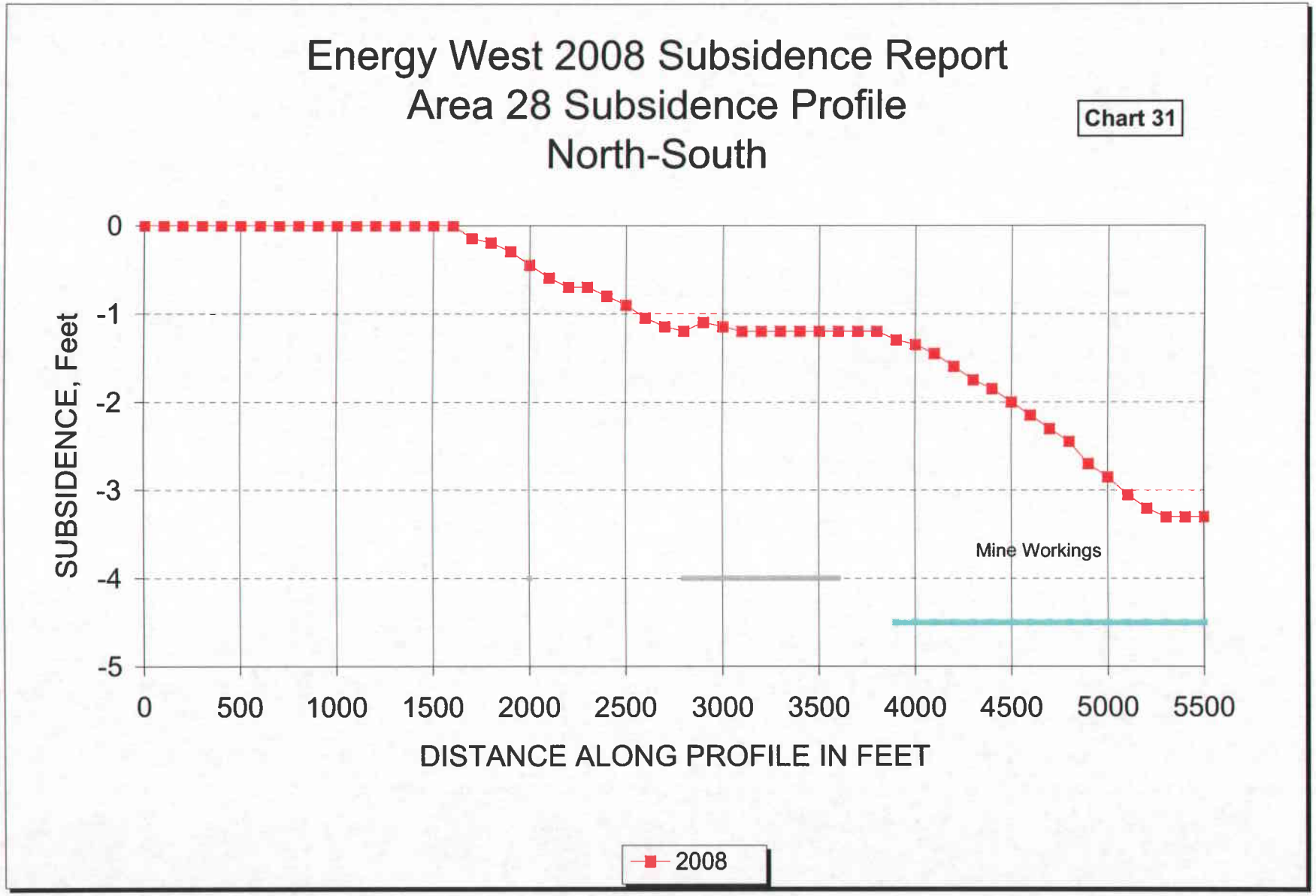

Energy West 2008 Subsidence Report
Area 26 Subsidence Profile
North-South
Chart 26
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
-6
-7
0
500
1000
1500
2000
2500
3000
3500
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2005
2006
2007
2008

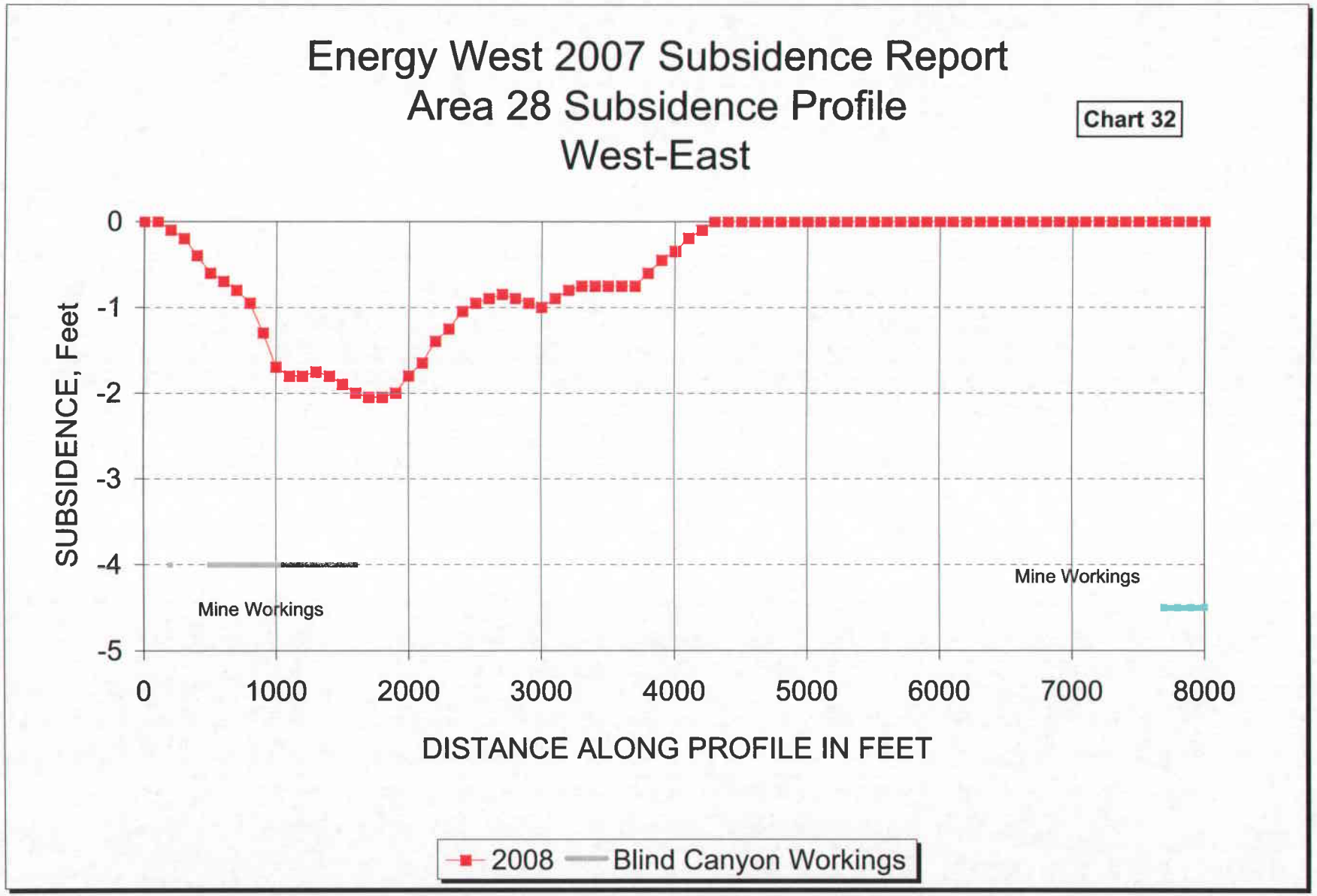

Energy West 2008 Subsidence Report
Area 26 Subsidence Profile
West-East
Chart 27
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
-6
-7
-8
-9
0
500
1000
1500
2000
2500
3000
3500
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2005
2006
2007
2008


Energy West 2007 Subsidence Report
Area 26 Subsidence Profile
Southwest-Northeast
Chart 28
SUBSIDENCE, Feet
1
0
-1
-2
-3
-4
-5
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2006
2007
2008

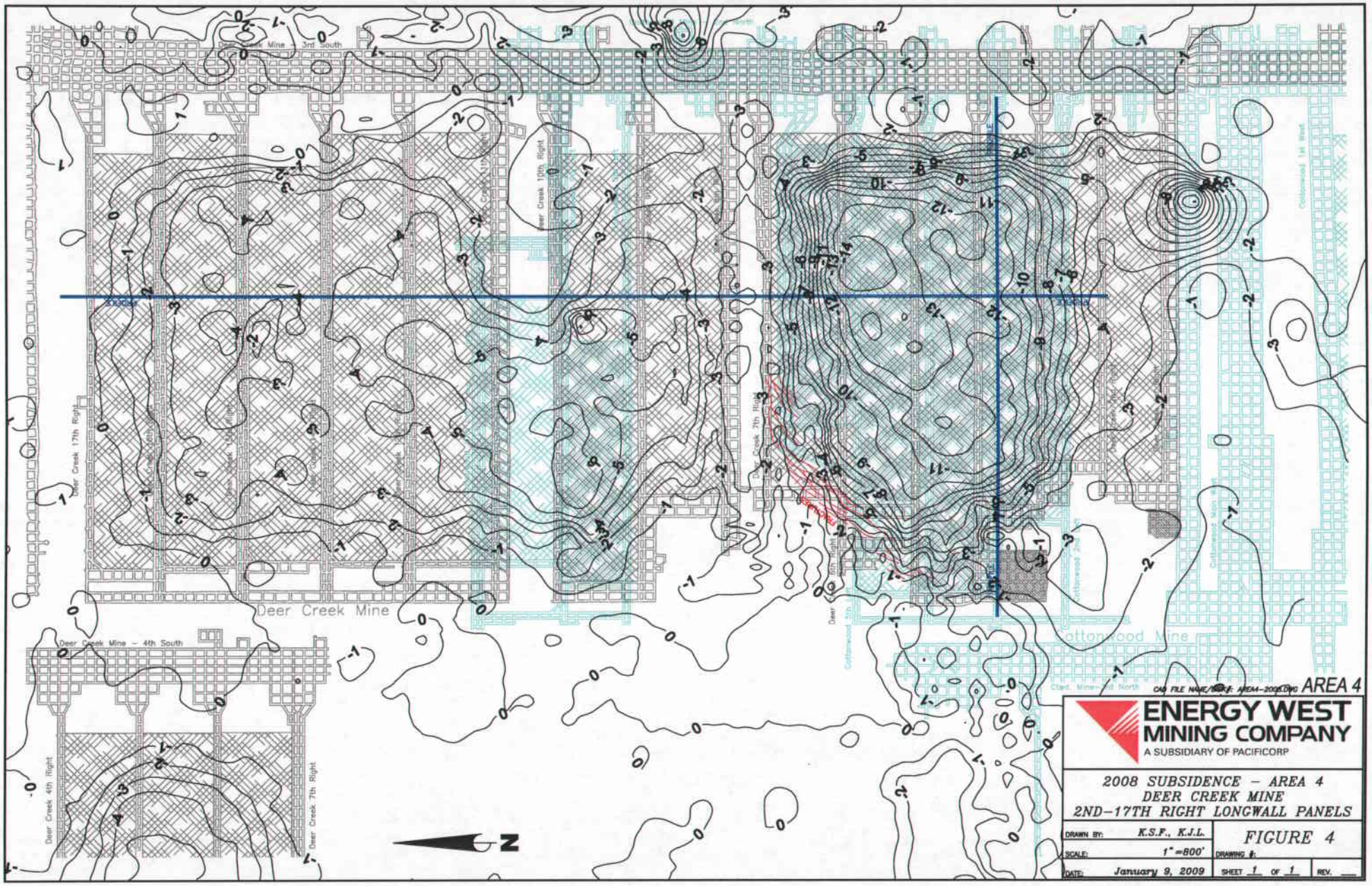

Energy West 2008 Subsidence Report
Area 27 Subsidence Profile
North-South
Chart 29
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2006
2007
2008

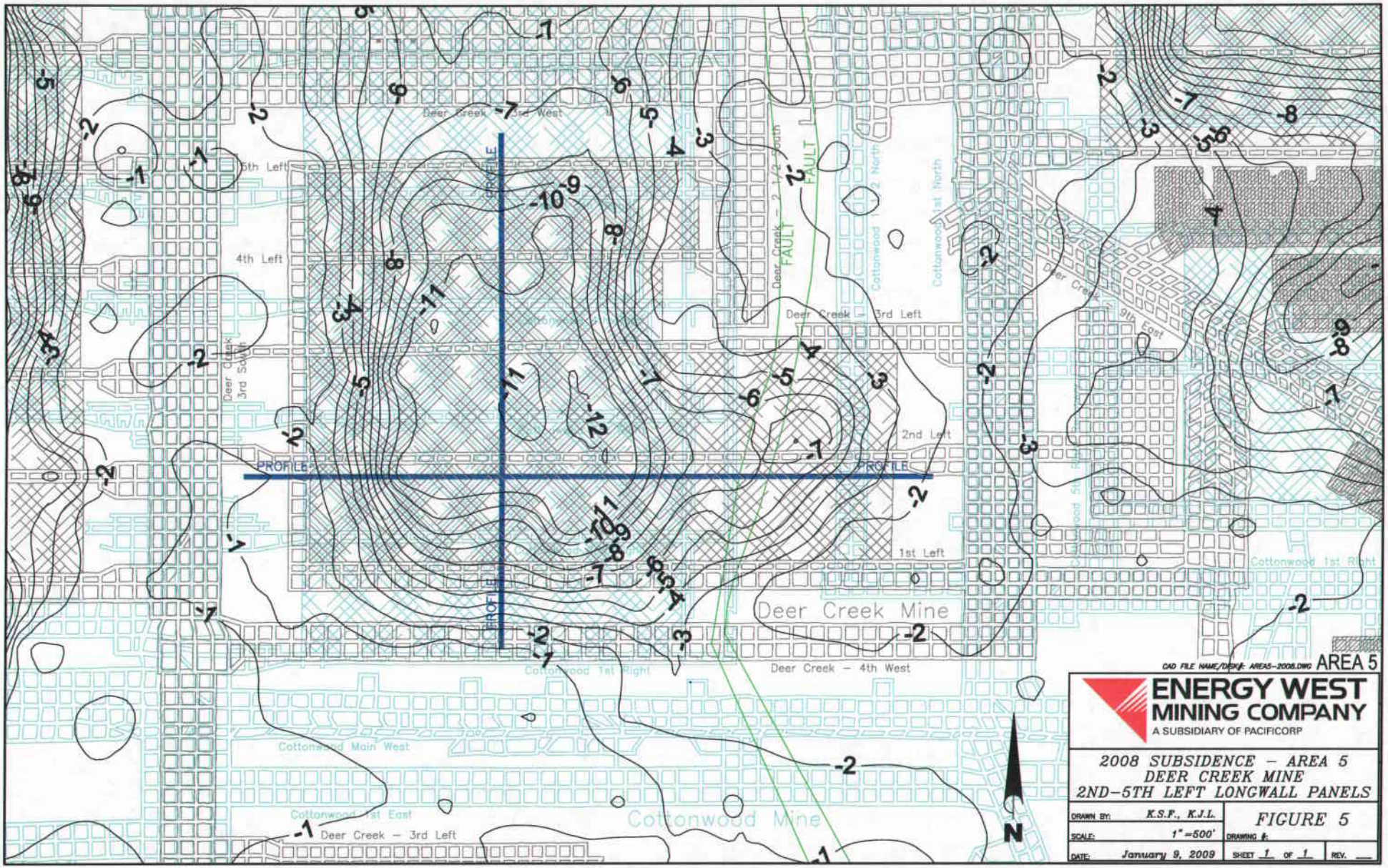

Energy West 2008 Subsidence Report
Area 27 Subsidence Profile
West-East
Chart 30
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
0
1000
2000
3000
4000
5000
6000
7000
8000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2006
2007
2008

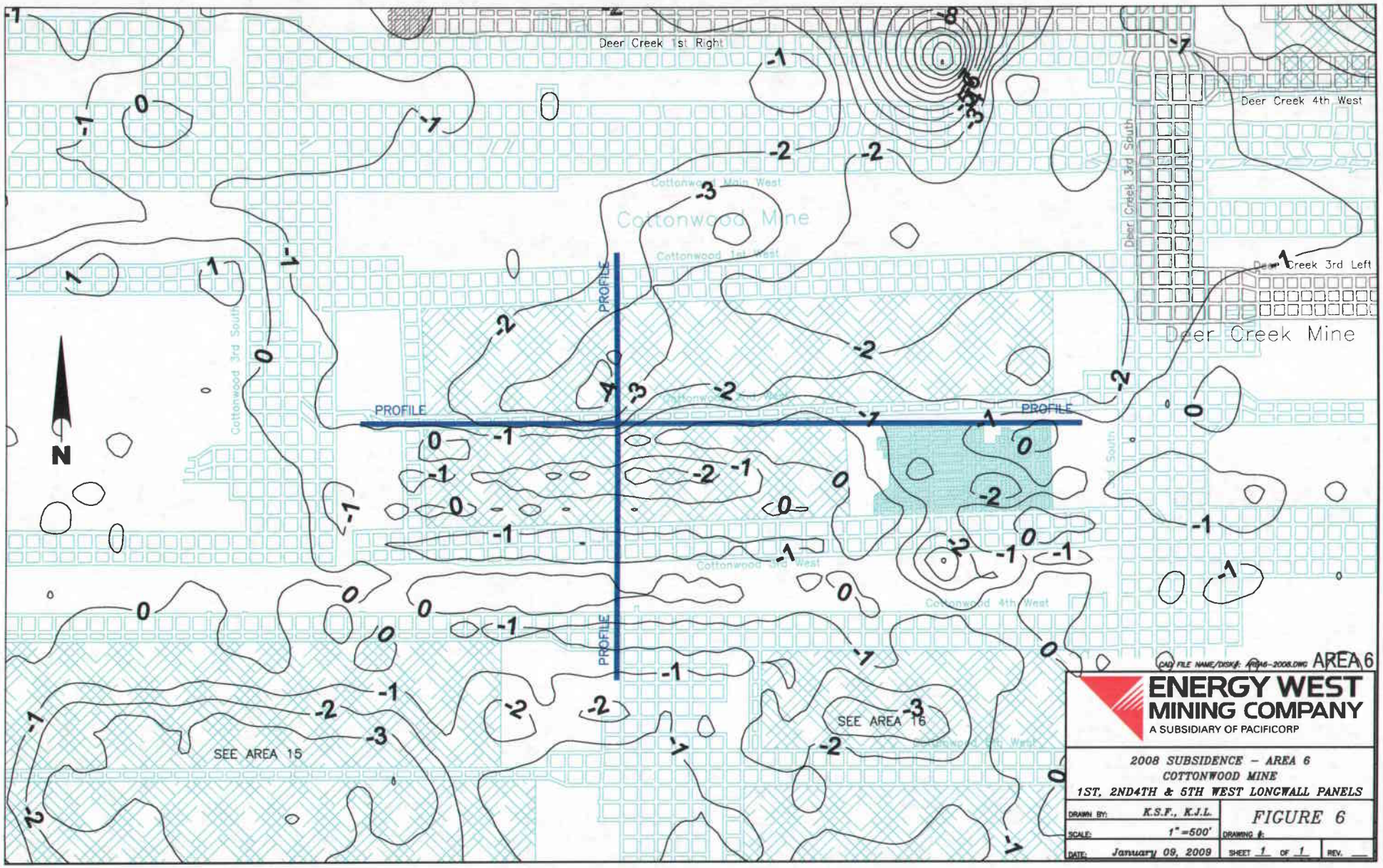

Energy West 2008 Subsidence Report
Area 28 Subsidence Profile
North-South
Chart 31
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
DISTANCE ALONG PROFILE IN FEET
Mine Workings
2008

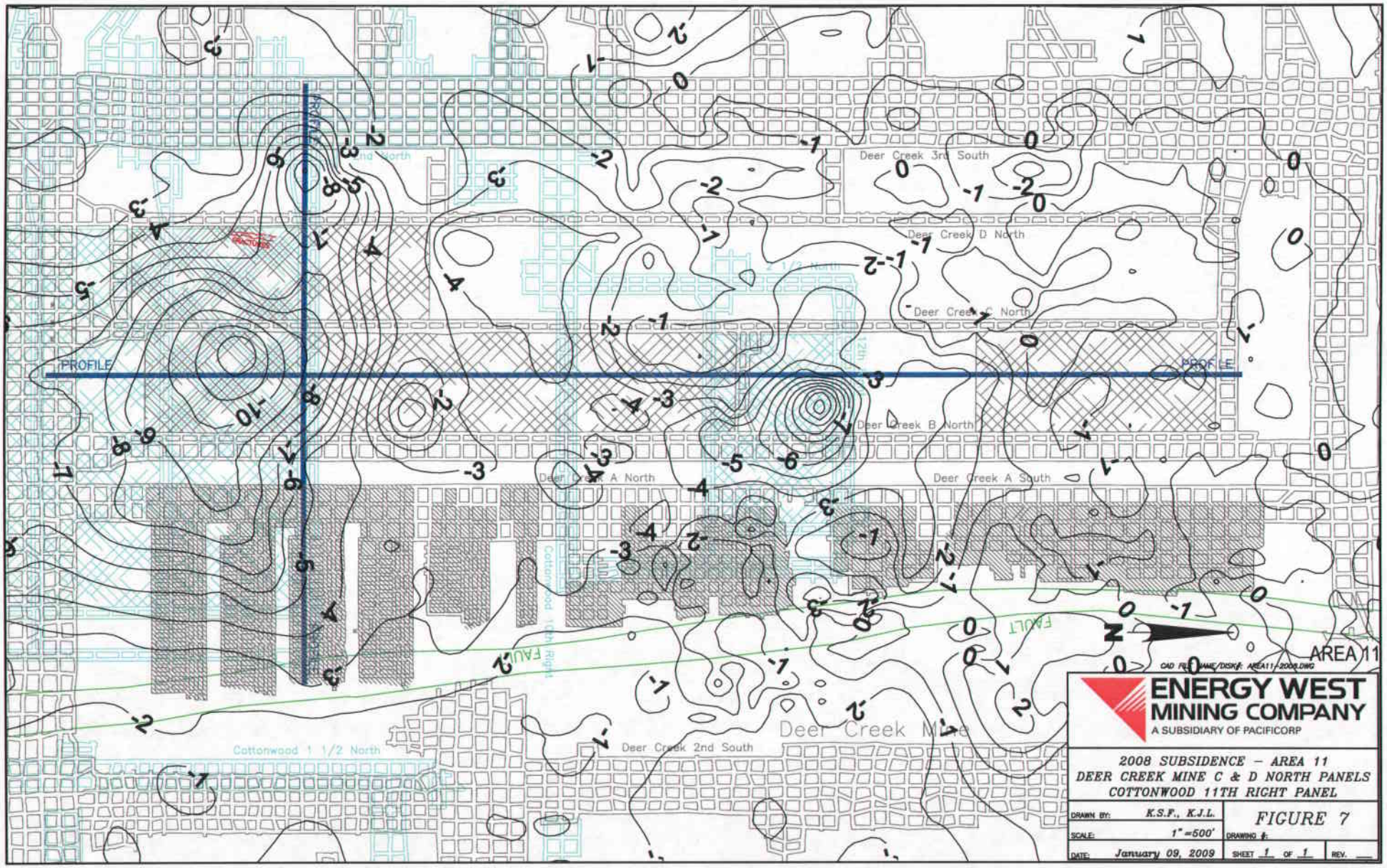

Energy West 2007 Subsidence Report
Area 28 Subsidence Profile
West-East
Chart 32
SUBSIDENCE, Feet
0
-1
-2
-3
-4
-5
0
1000
2000
3000
4000
5000
6000
7000
8000
DISTANCE ALONG PROFILE IN FEET
Mine Workings
Mine Workings
2008
Blind Canyon Workings

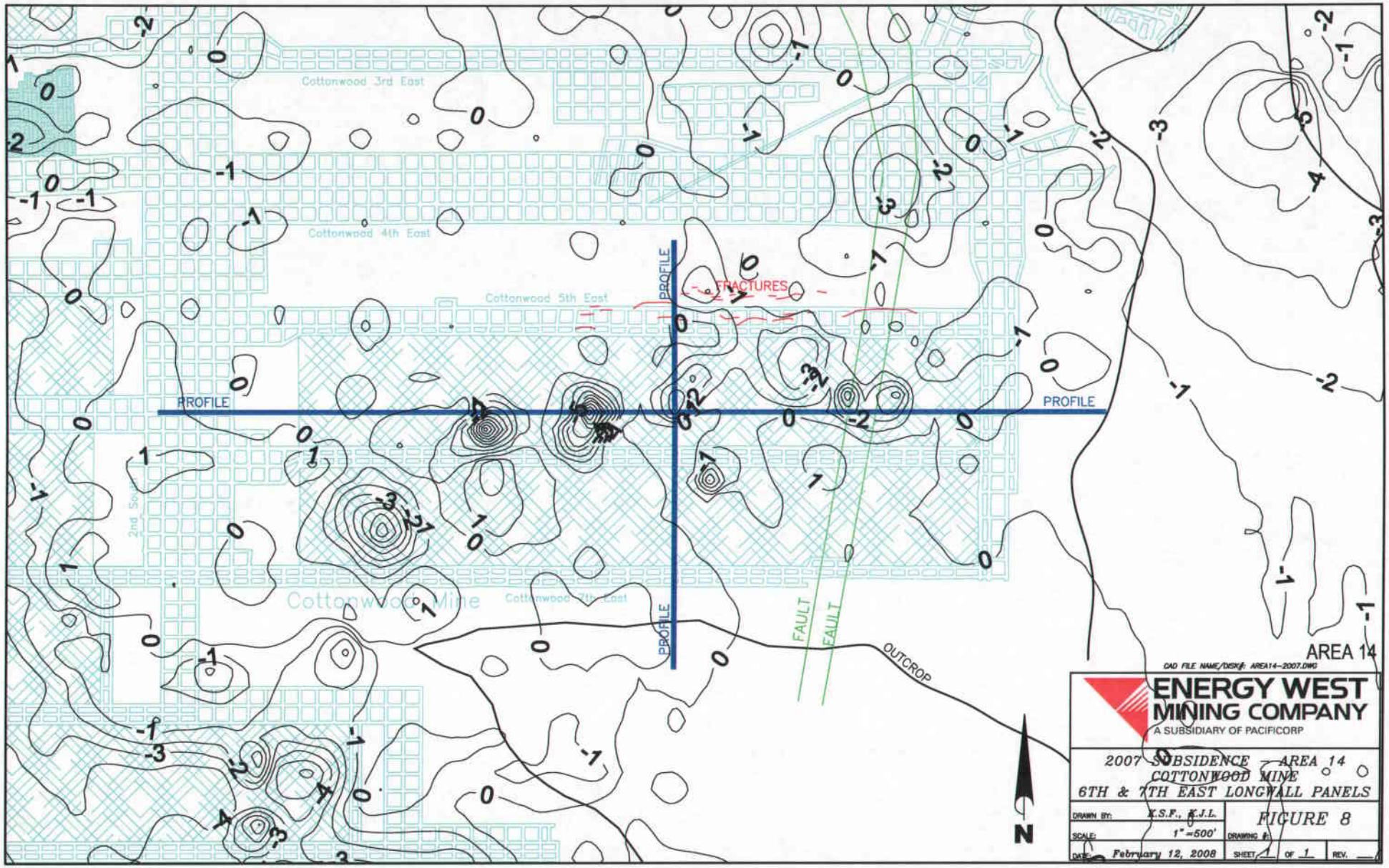
Paramount Mine
FAULT
B.C. OUTCROP
PROFILE
1st North
1 1/2 North
3rd Left
2nd Left
N
CAD FILE NAME/DISK#: AREA3-2008.DWG
AREA 3
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 3
DEER CREEK MINE 1ST NORTH
1 1/2 NORTH, 2ND & 3RD LEFT
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=500'
DATE: January 9, 2008
FIGURE 3
DRAWING #:
SHEET 1 OF 1
REV.

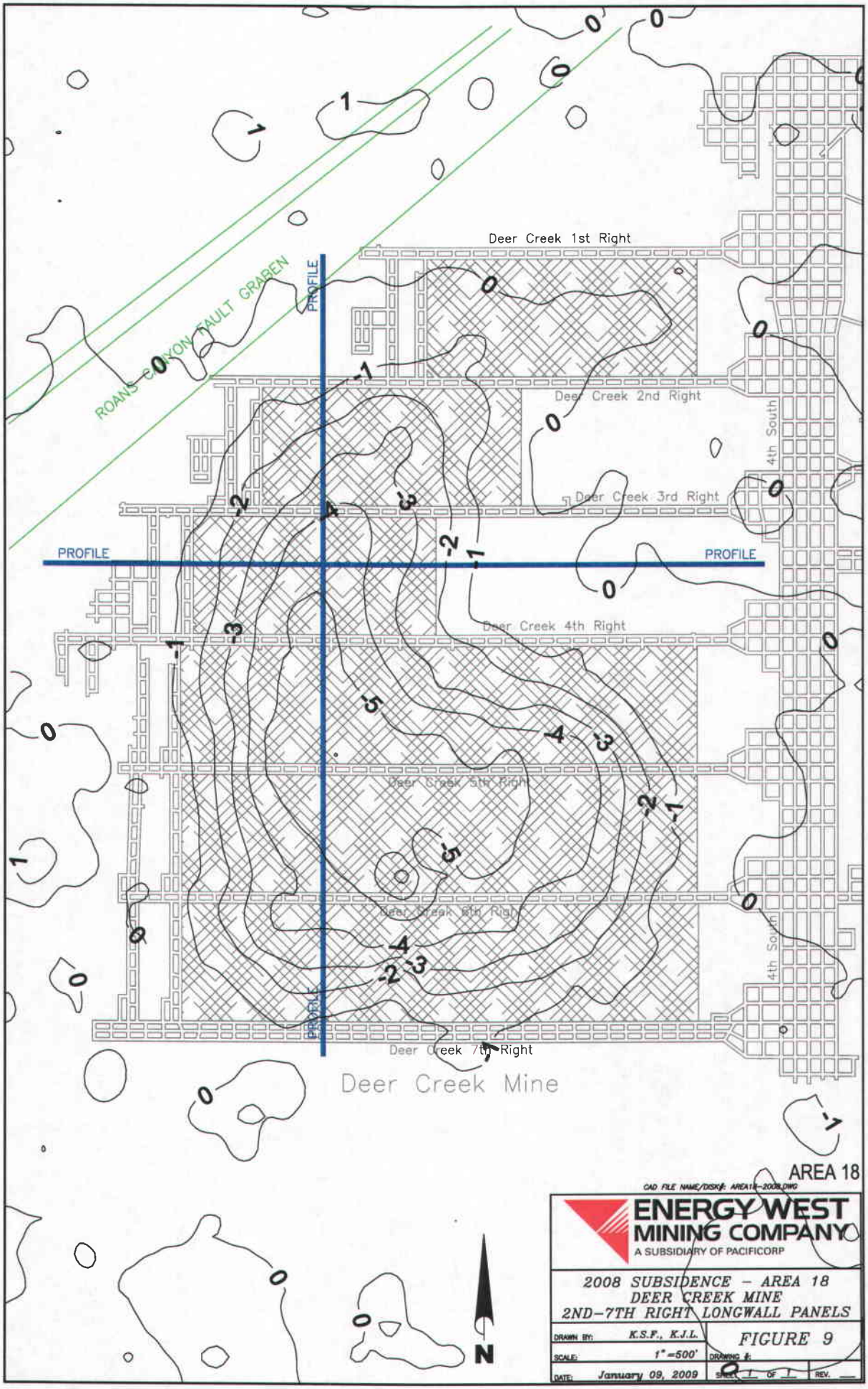

Deer Creek Mine
Deer Creek Mine - 3rd South
Deer Creek Mine - 4th South
Deer Creek 17th Right
Deer Creek 10th Right
Deer Creek 7th Right
Deer Creek 4th Right
Cottonwood Mine
Cottonwood 1st West
Cottonwood 2nd West
Cottonwood 5th
Cottonwood Main West
Ctwd. Mine - 2nd North
N
AREA 4
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE - AREA 4
DEER CREEK MINE
2ND-17TH RIGHT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=800'
DATE: January 9, 2009
FIGURE 4
DRAWING #:
SHEET 1 OF 1
REV.

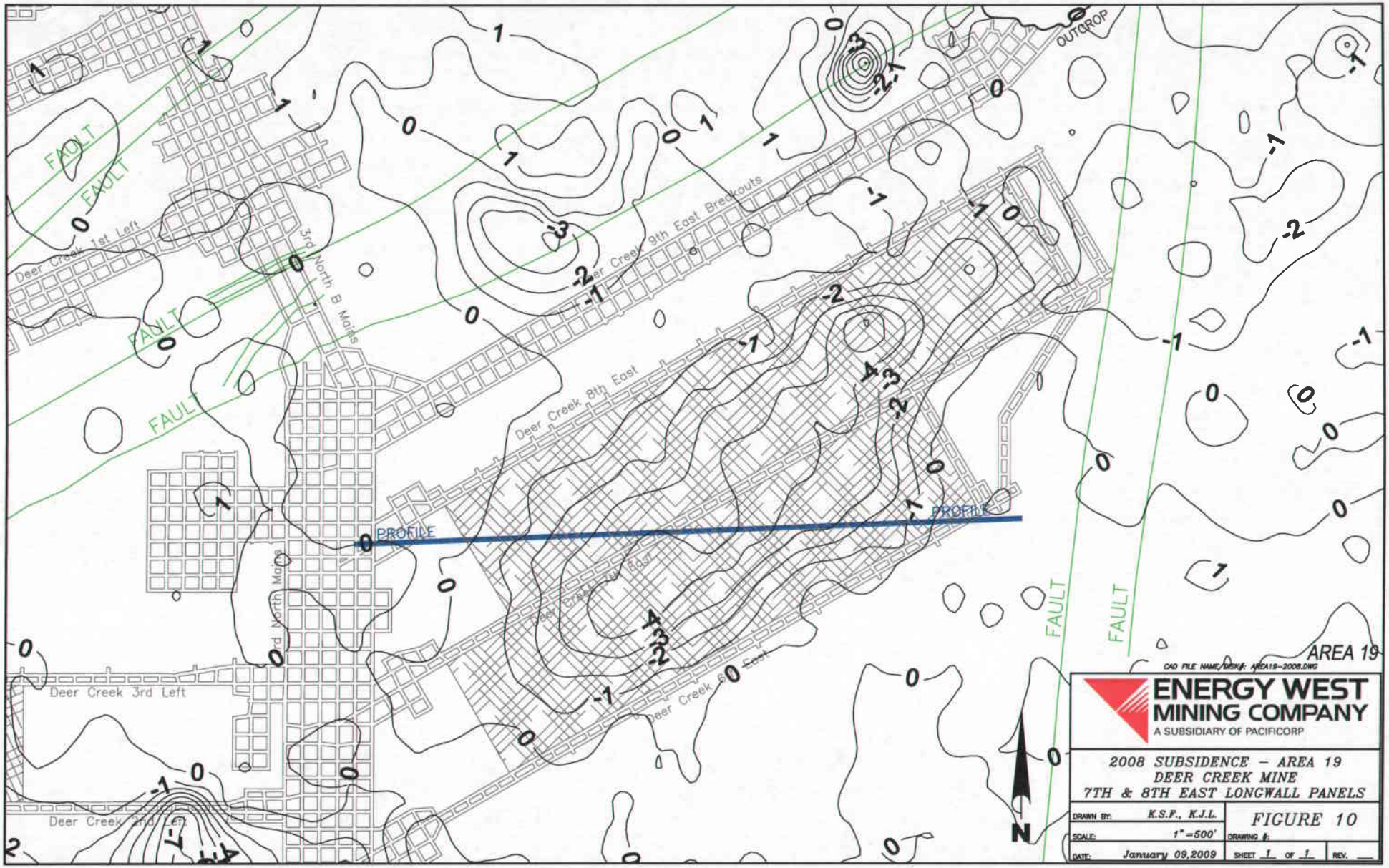

Deer Creek Mine
Cottonwood Mine
Deer Creek – 1st West
Deer Creek – 3rd Left
Deer Creek – 4th West
Cottonwood Main West
Cottonwood 1st East
Cottonwood 1st Right
Cottonwood 1st North
Cottonwood 1 1/2 North
Deer Creek – 2 1/2 South
Deer Creek 3rd South
Deer Creek 9th East
5th Left
4th Left
3rd Left
2nd Left
1st Left
FAULT
PROFILE
N
AREA 5
CAD FILE NAME/DISK#: AREA5-2008.DWG
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 5
DEER CREEK MINE
2ND–5TH LEFT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =500'
DATE: January 9, 2009
FIGURE 5
DRAWING #:
SHEET 1 OF 1
REV.

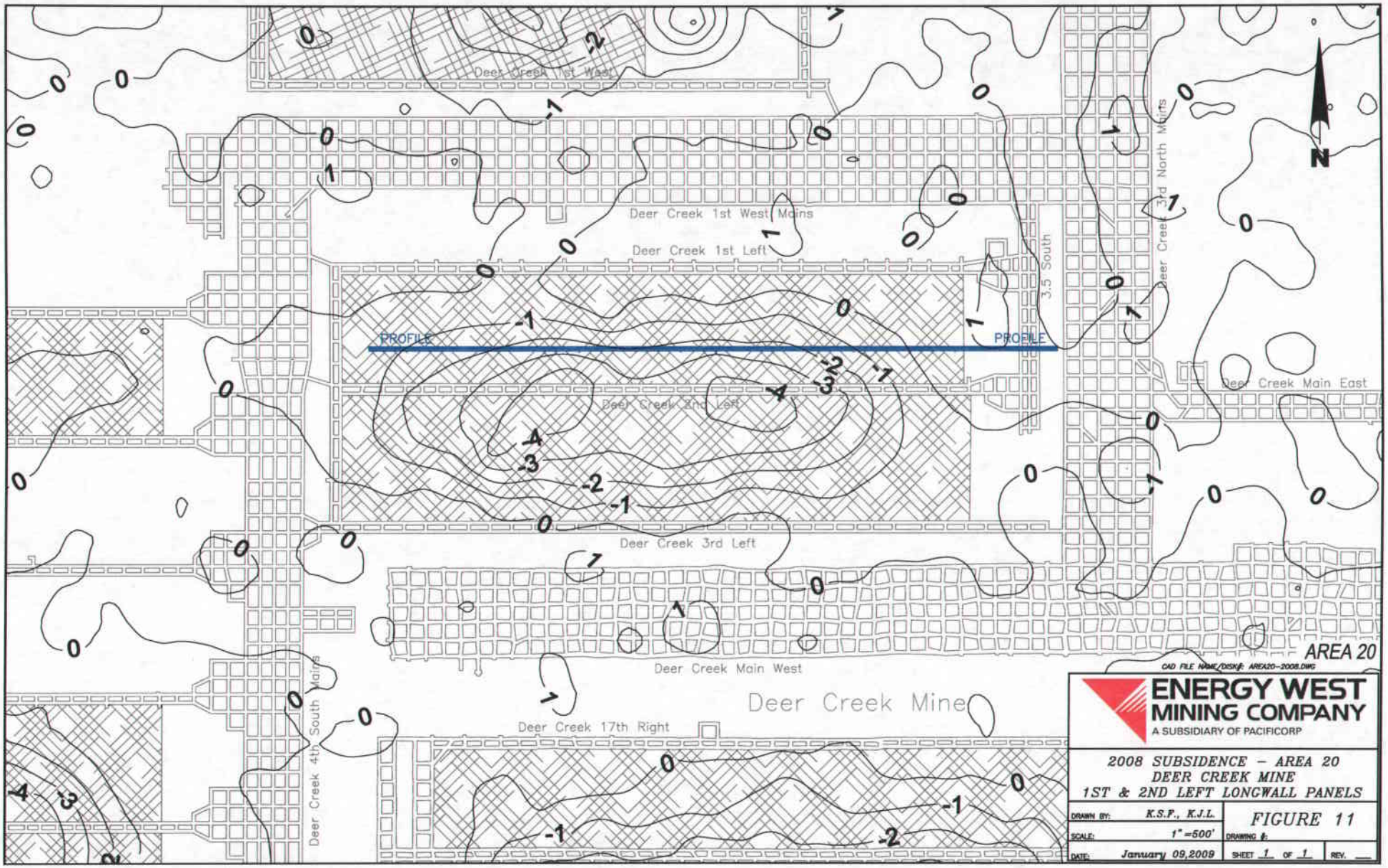

Deer Creek 1st Right
Deer Creek 4th West
Deer Creek 3rd Left
Deer Creek Mine
Cottonwood Mine
Cottonwood Main West
Cottonwood 1st West
Cottonwood 3rd South
Deer Creek 3rd South
Cottonwood 3rd West
Cottonwood 4th West
PROFILE
PROFILE
PROFILE
N
SEE AREA 15
SEE AREA 16
AREA 6
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 6
COTTONWOOD MINE
1ST, 2ND4TH & 5TH WEST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=500'
DATE: January 09, 2009
FIGURE 6
DRAWING #:
SHEET 1 OF 1
REV.

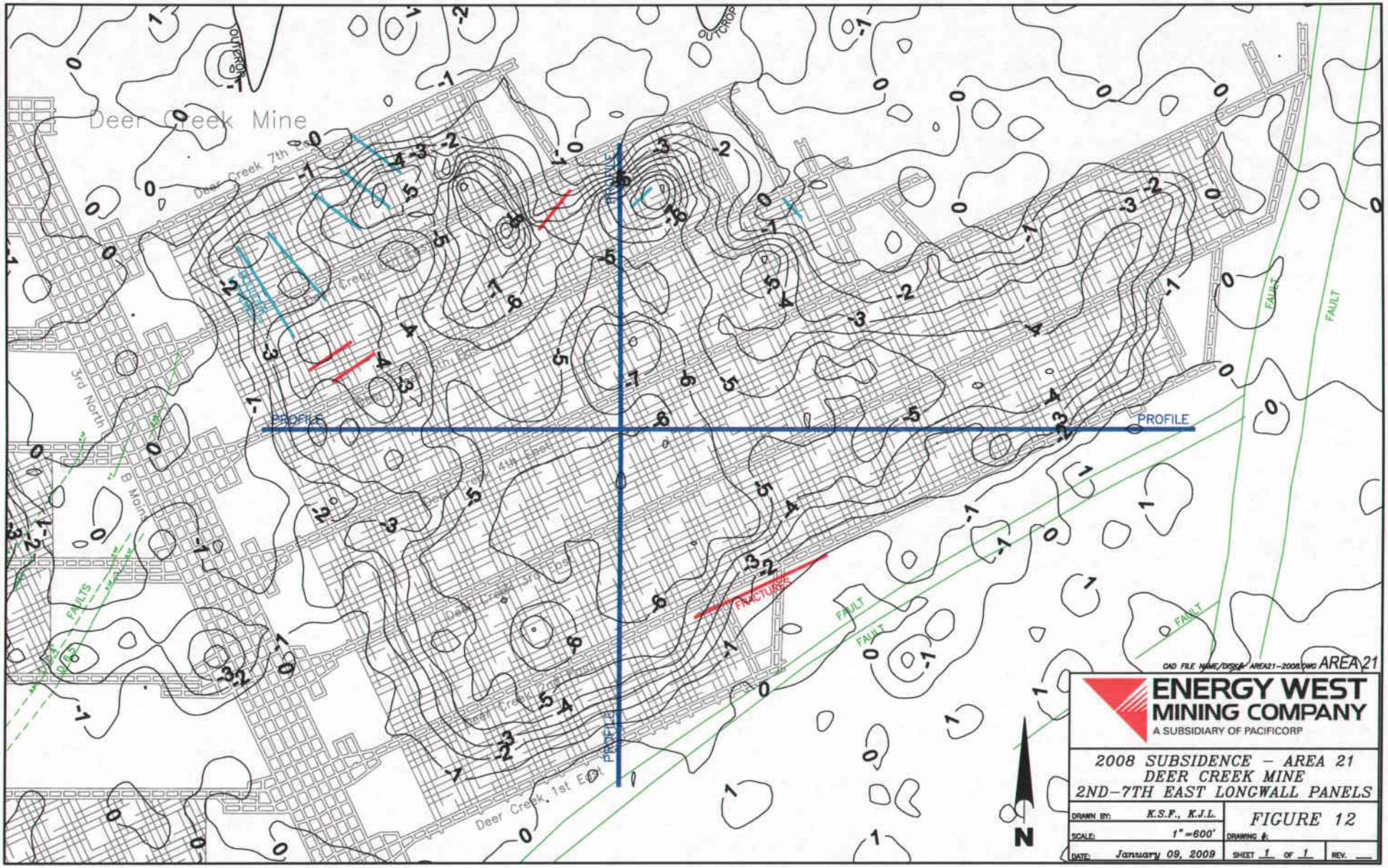

PROFILE
PROFILE
Deer Creek 3rd South
Deer Creek D North
Deer Creek C North
Deer Creek B North
Deer Creek A North
Deer Creek A South
Deer Creek 2nd South
Cottonwood 1 1/2 North
Deer Creek Mine
FAULT
FAULT
N
AREA 11
CAD FILE NAME/DISK#: AREA11-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 11
DEER CREEK MINE C & D NORTH PANELS
COTTONWOOD 11TH RIGHT PANEL
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =500'
DATE: January 09, 2009
FIGURE 7
DRAWING #:
SHEET 1 OF 1
REV.

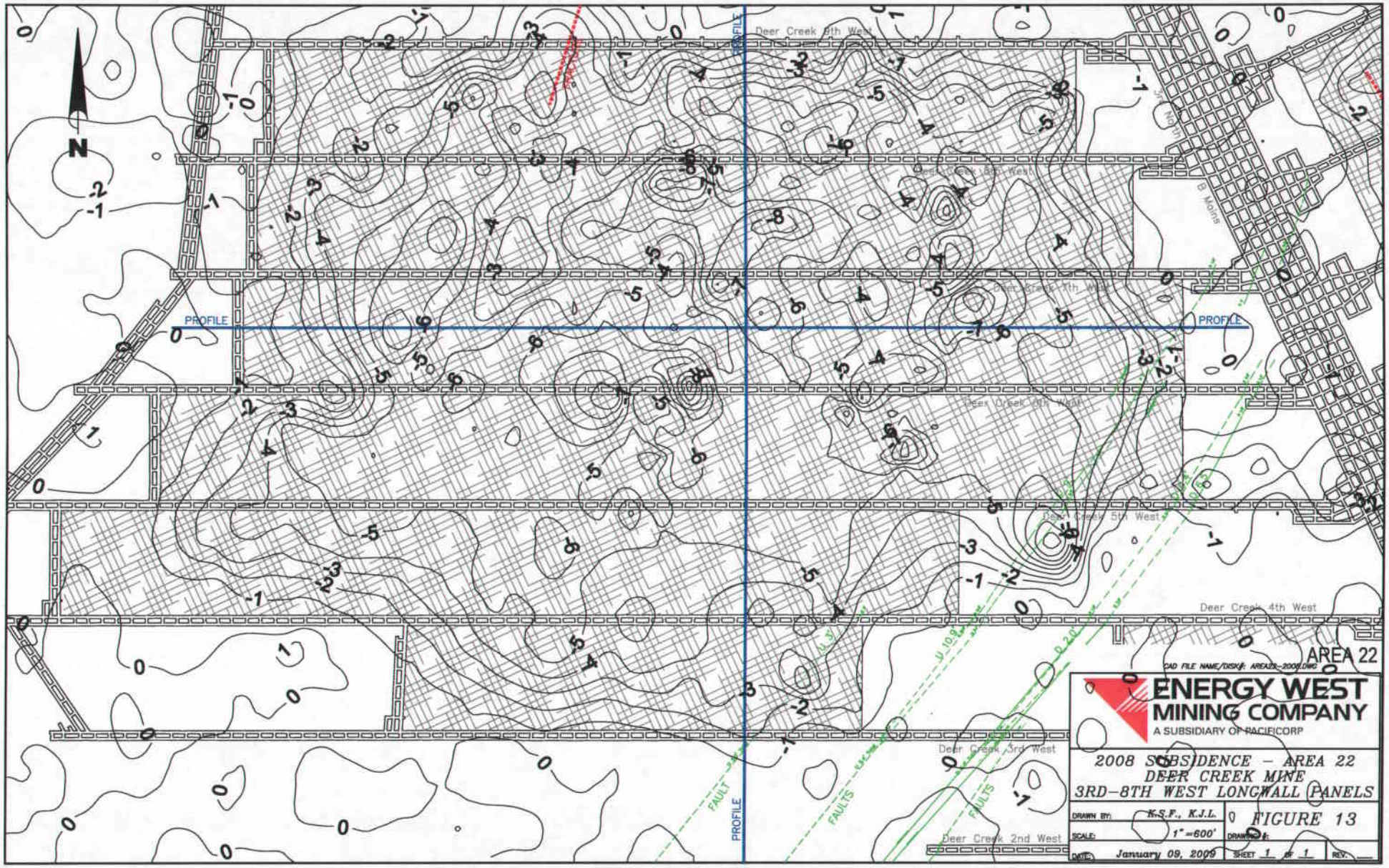

Cottonwood 3rd East
Cottonwood 4th East
Cottonwood 5th East
Cottonwood Mine
Cottonwood 7th East
2nd South
PROFILE
PROFILE
PROFILE
PROFILE
FRACTURES
FAULT
FAULT
OUTCROP
N
AREA 14
CAD FILE NAME/DISK#: AREA14-2007.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2007 SUBSIDENCE - AREA 14
COTTONWOOD MINE
6TH & 7TH EAST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=500'
DATE: February 12, 2008
FIGURE 8
DRAWING #:
SHEET 1 OF 1
REV.

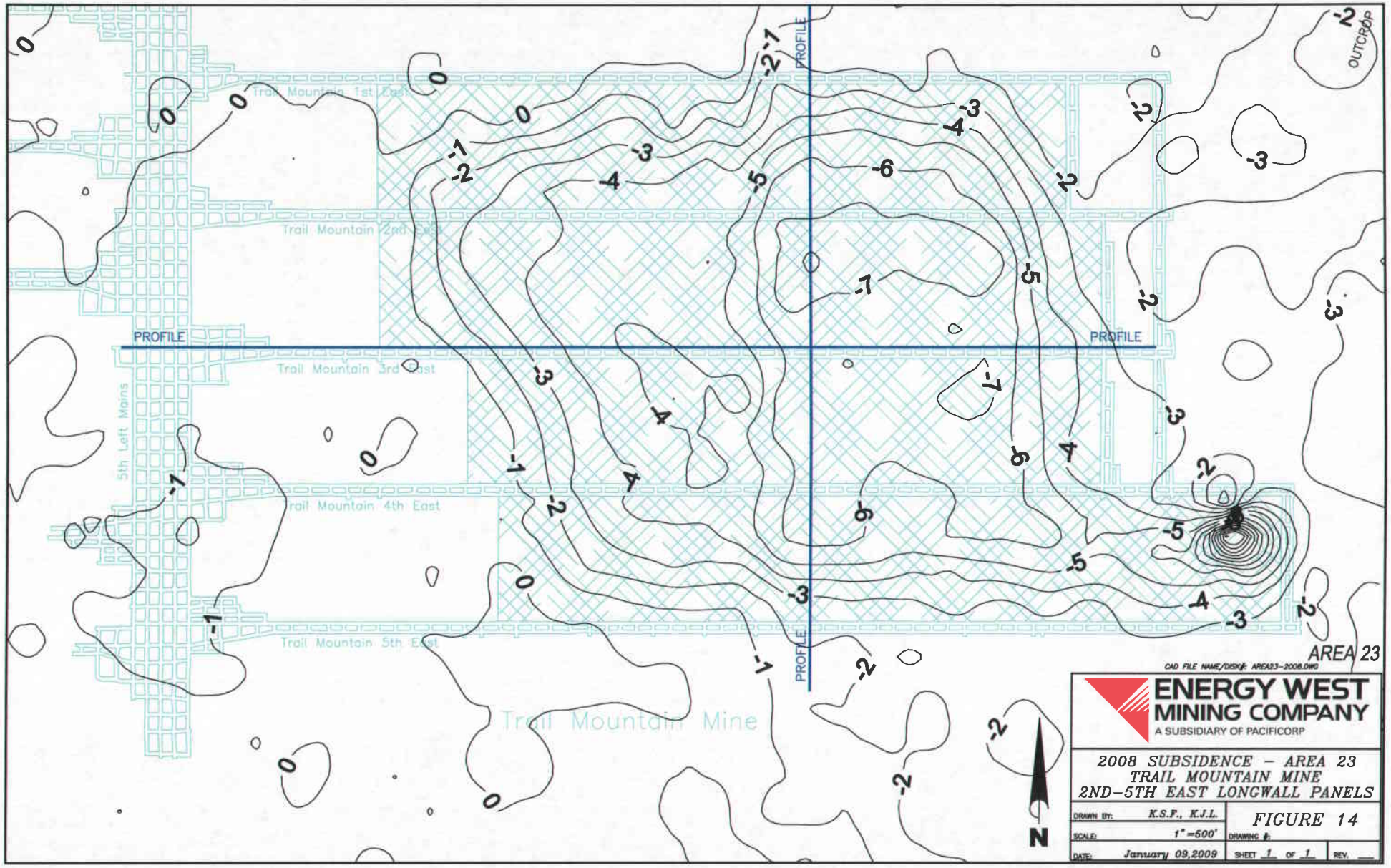

Deer Creek 1st Right
Deer Creek 2nd Right
Deer Creek 3rd Right
Deer Creek 4th Right
Deer Creek 5th Right
Deer Creek 6th Right
Deer Creek 7th Right
4th South
PROFILE
PROFILE
PROFILE
ROANS CANYON FAULT GRABEN
Deer Creek Mine
N
AREA 18
CAD FILE NAME/DISK#: AREA18-2008.DWG
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 18
DEER CREEK MINE
2ND–7TH RIGHT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =500'
DATE: January 09, 2009
FIGURE 9
DRAWING #:
SHEET 1 OF 1
REV.

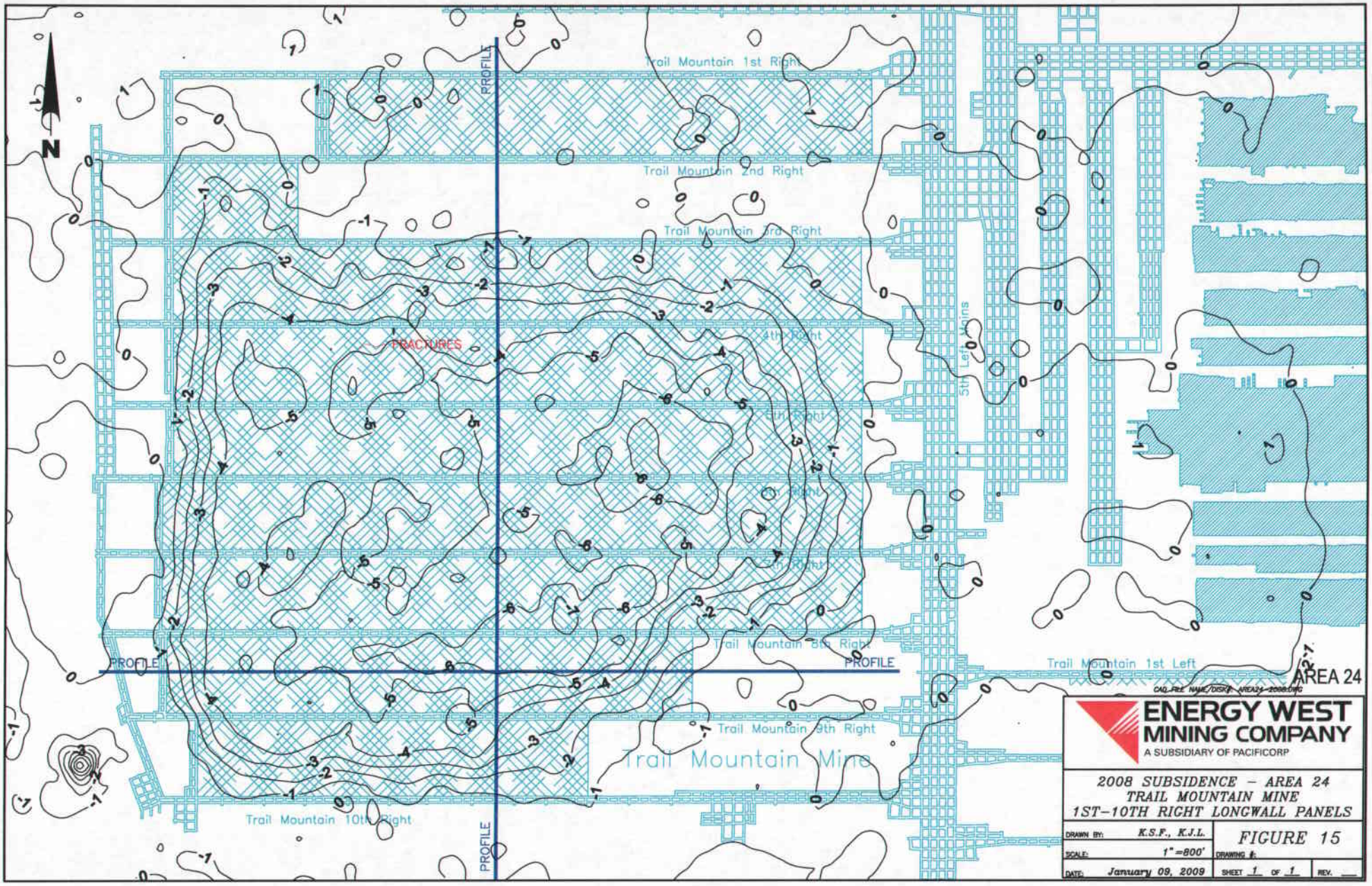

FAULT
FAULT
FAULT
FAULT
FAULT
FAULT
OUTCROP
Deer Creek 1st Left
Deer Creek 9th East Breakouts
3rd North B Mains
Deer Creek 8th East
PROFILE
PROFILE
3rd North Mains
Deer Creek 3rd Left
Deer Creek 3rd Left
Deer Creek 6th East
N
AREA 19
CAD FILE NAME/DRWG#: AREA19-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 19
DEER CREEK MINE
7TH & 8TH EAST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =500'
DATE: January 09,2009
FIGURE 10
DRAWING #:
SHEET 1 OF 1
REV.

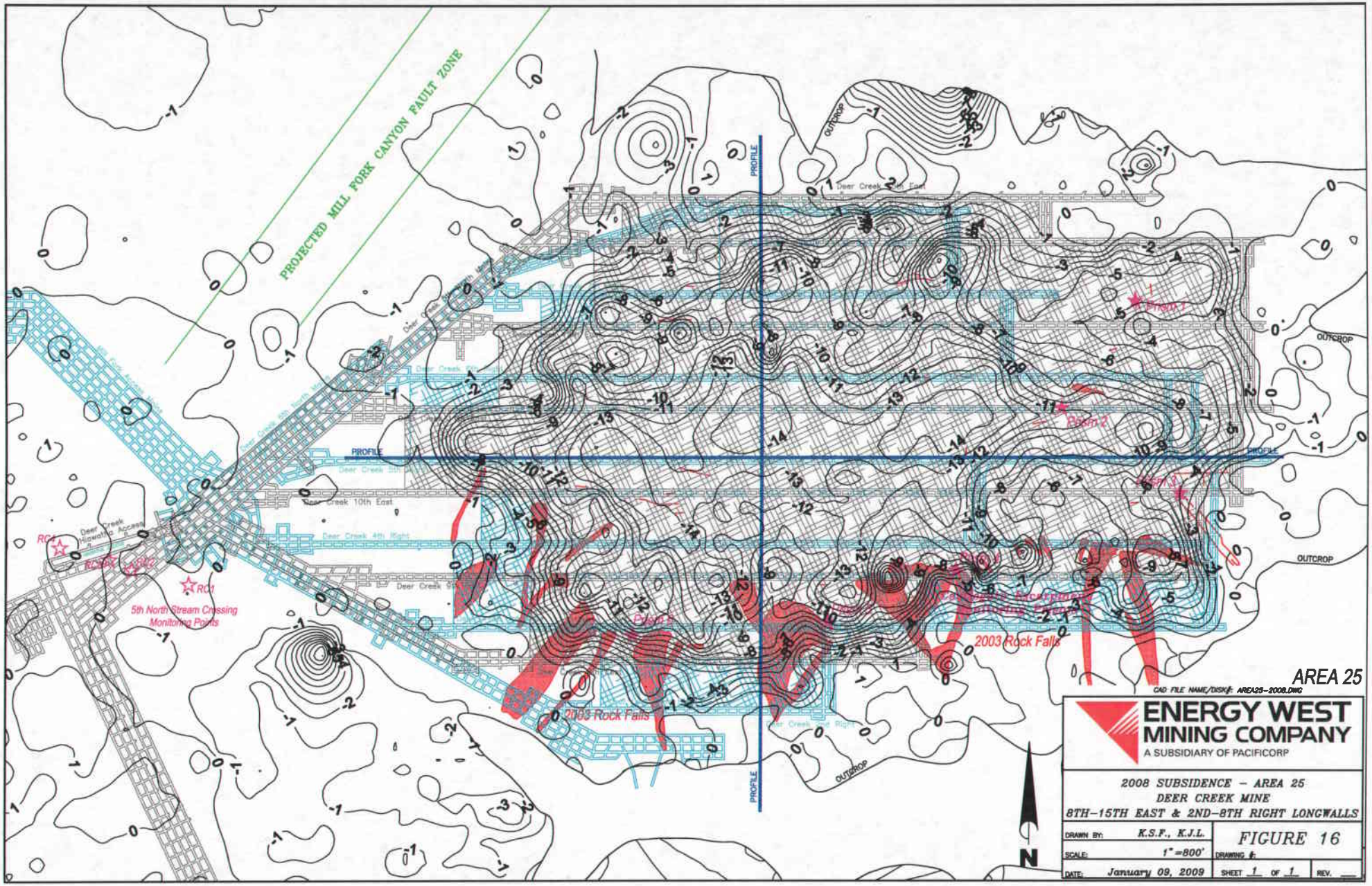

Deer Creek 1st West
Deer Creek 1st West Mains
Deer Creek 1st Left
Deer Creek 2nd Left
Deer Creek 3rd Left
Deer Creek Main West
Deer Creek 17th Right
Deer Creek 4th South Mains
3.5 South
Deer Creek 3rd North Mains
Deer Creek Main East
Deer Creek Mine
PROFILE
PROFILE
N
AREA 20
CAD FILE NAME/DISK#: AREA20-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 20
DEER CREEK MINE
1ST & 2ND LEFT LONGWALL PANELS
DRAWN BY: K.S.P., K.J.L.
SCALE: 1" =500'
DATE: January 09,2009
FIGURE 11
DRAWING #:
SHEET 1 OF 1
REV.

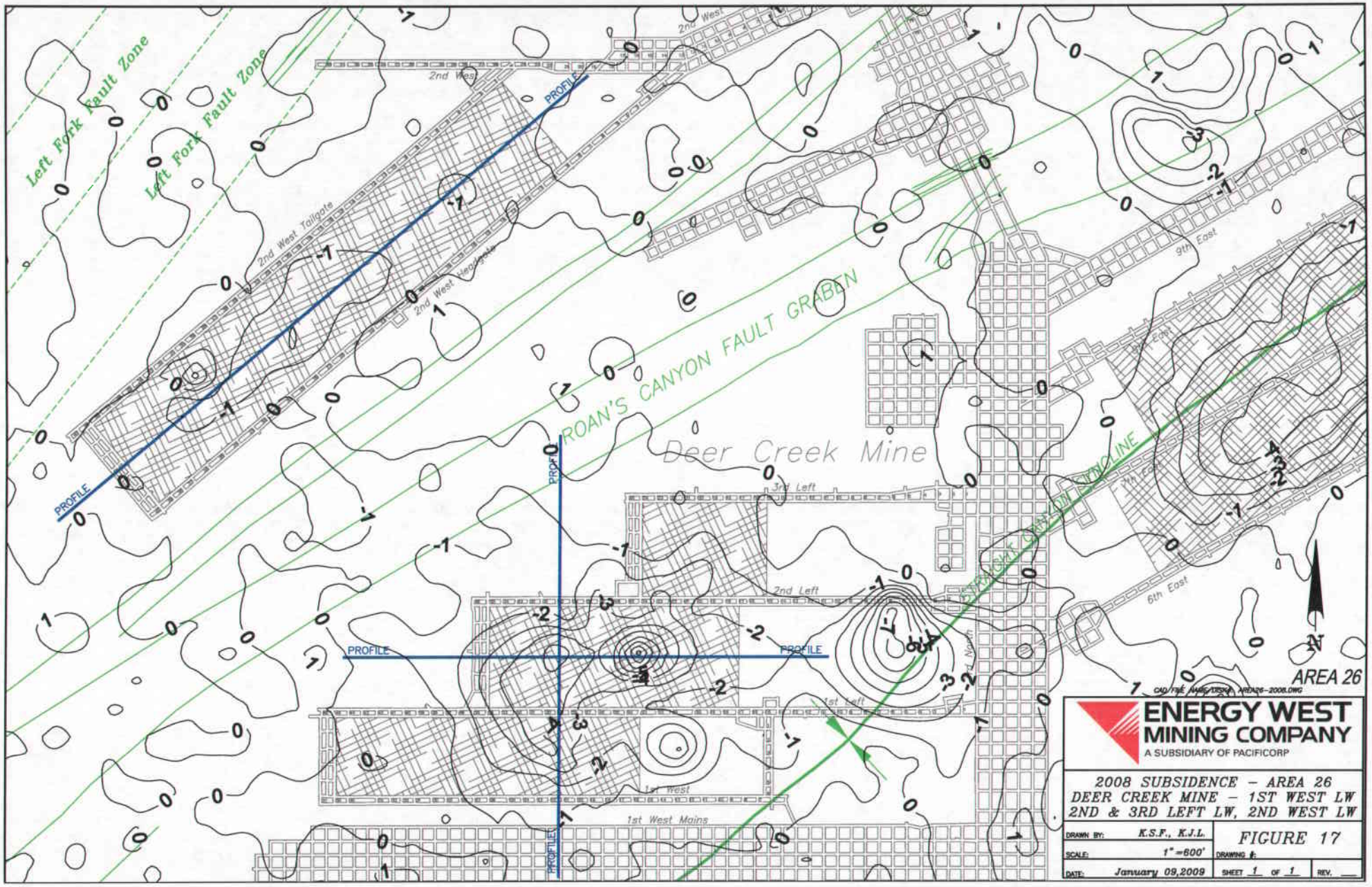

Deer Creek Mine
Deer Creek 7th East
Deer Creek 4th East
Deer Creek 3rd East
Deer Creek 1st East
3rd North
B Main
PROFILE
PROFILE
PROFILE
PROFILE
FRACTURE
FAULT
FAULT
FAULT
FAULT
FAULTS
N
CAD FILE NAME/DISK# AREA21-2008.DWG
AREA 21
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 21
DEER CREEK MINE
2ND–7TH EAST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =600'
DATE: January 09, 2009
FIGURE 12
DRAWING #:
SHEET 1 OF 1
REV.

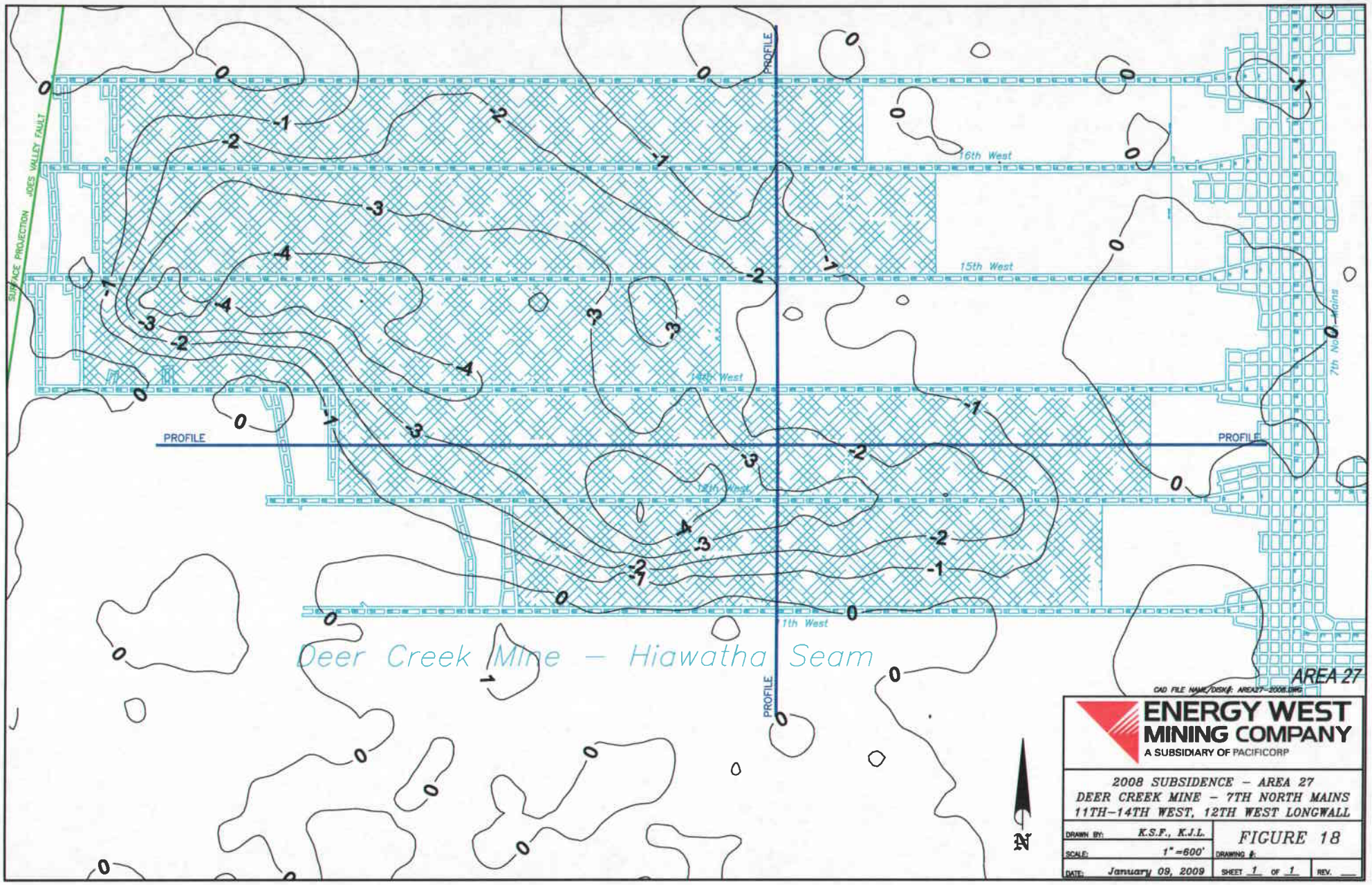

N
PROFILE
PROFILE
PROFILE
PROFILE
Deer Creek 8th West
Deer Creek 7th West
Deer Creek 6th West
Deer Creek 5th West
Deer Creek 4th West
Deer Creek 3rd West
Deer Creek 2nd West
B Mains
FAULT
FAULTS
FAULTS
AREA 22
CAD FILE NAME/DISK#: AREA22-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 22
DEER CREEK MINE
3RD–8TH WEST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=600'
DATE: January 09, 2009
FIGURE 13
DRAWING #:
SHEET 1 OF 1
REV:

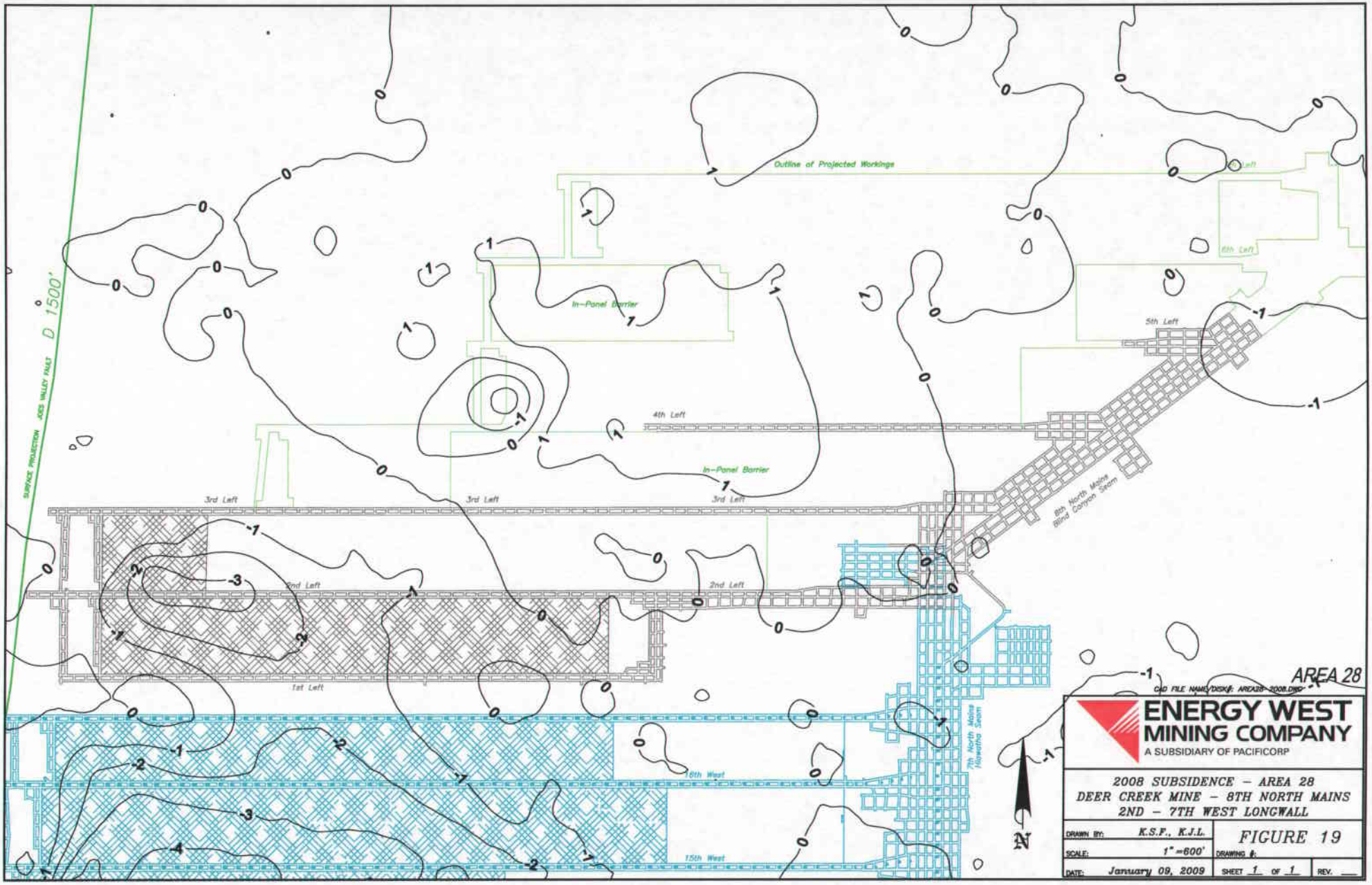

Trail Mountain 1st East
Trail Mountain 2nd East
Trail Mountain 3rd East
Trail Mountain 4th East
Trail Mountain 5th East
5th Left Mains
Trail Mountain Mine
PROFILE
PROFILE
PROFILE
PROFILE
OUTCROP
N
AREA 23
CAD FILE NAME/DISK#: AREA23-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 23
TRAIL MOUNTAIN MINE
2ND–5TH EAST LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=500'
DATE: January 09,2009
FIGURE 14
DRAWING #:
SHEET 1 OF 1
REV.

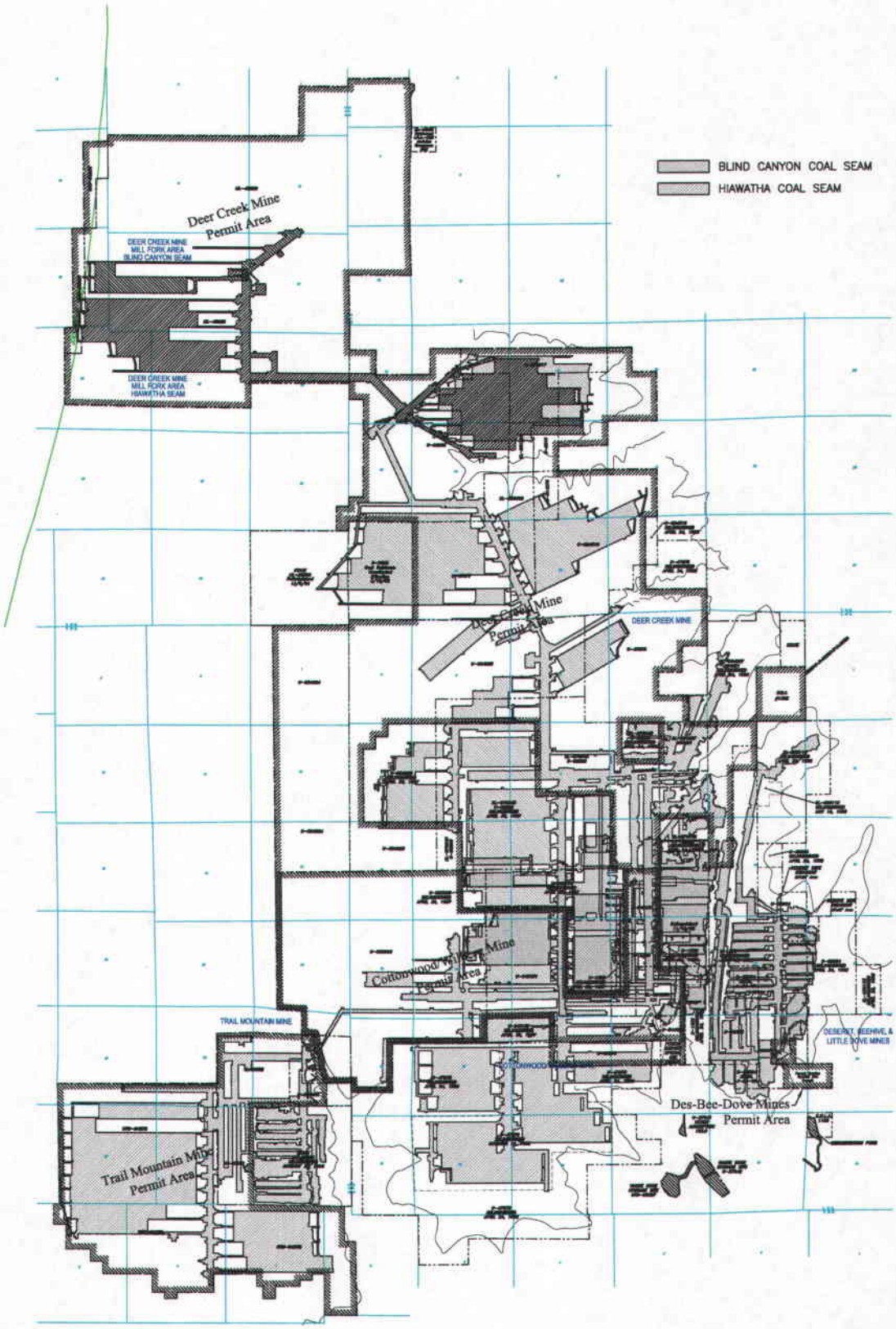

N
Trail Mountain 1st Right
Trail Mountain 2nd Right
Trail Mountain 3rd Right
4th Right
5th Right
6th Right
7th Right
8th Right
Trail Mountain 8th Right
Trail Mountain 9th Right
Trail Mountain 10th Right
Trail Mountain Mine
Trail Mountain 1st Left
5th Left Mains
FRACTURES
PROFILE
PROFILE
PROFILE
AREA 24
CAD FILE NAME/DISK#: AREA24_2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 24
TRAIL MOUNTAIN MINE
1ST–10TH RIGHT LONGWALL PANELS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=800'
DATE: January 09, 2009
FIGURE 15
DRAWING #:
SHEET 1 OF 1
REV.


PROJECTED MILL FORK CANYON FAULT ZONE
PROFILE
OUTCROP
Deer Creek 10th East
Deer Creek 4th Right
Deer Creek 5th
Deer Creek 9th
Deer Creek Hiawatha Access
RC1
RC2
RC3
RC4
5th North Stream Crossing Monitoring Points
Prism 1
Prism 2
Prism 3
2003 Rock Falls
2003 Rock Falls
AREA 25
CAD FILE NAME/DISK#: AREA25-2008.DWG
ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 25
DEER CREEK MINE
8TH–15TH EAST & 2ND–8TH RIGHT LONGWALLS
DRAWN BY: K.S.F., K.J.L.
SCALE: 1"=800'
DATE: January 09, 2009
FIGURE 16
DRAWING #:
SHEET 1 OF 1
REV.
N


Left Fork Fault Zone
Left Fork Fault Zone
2nd West
2nd West
2nd West Tailgate
2nd West Headgate
PROFILE
PROFILE
PROFILE
PROFILE
PROFILE
ROAN'S CANYON FAULT GRABEN
Deer Creek Mine
3rd Left
2nd Left
1st Left
1st West
1st West Mains
9th East
6th East
N
AREA 26
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 26
DEER CREEK MINE – 1ST WEST LW
2ND & 3RD LEFT LW, 2ND WEST LW
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =600'
DATE: January 09,2009
FIGURE 17
DRAWING #:
SHEET 1 OF 1
REV.


SURFACE PROJECTION JOES VALLEY FAULT
PROFILE
PROFILE
PROFILE
PROFILE
16th West
15th West
14th West
13th West
11th West
7th North Mains
Deer Creek Mine – Hiawatha Seam
N
AREA 27
CAD FILE NAME/DISK#: AREA27-2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 27
DEER CREEK MINE – 7TH NORTH MAINS
11TH–14TH WEST, 12TH WEST LONGWALL
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =600'
DATE: January 09, 2009
FIGURE 18
DRAWING #:
SHEET 1 OF 1
REV.

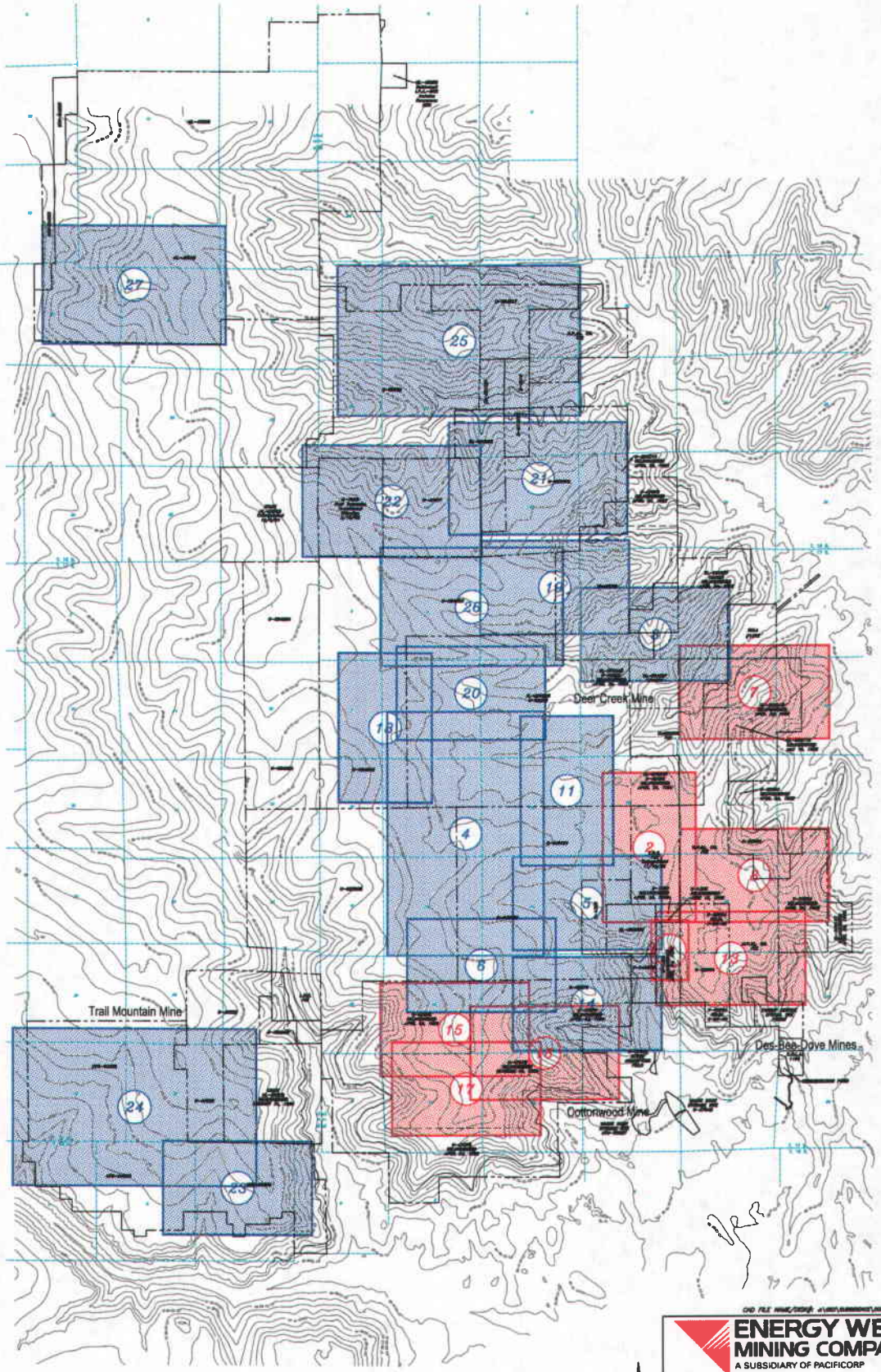

Outline of Projected Workings
In-Panel Barrier
In-Panel Barrier
4th Left
5th Left
6th Left
3rd Left
3rd Left
3rd Left
2nd Left
2nd Left
1st Left
8th North Mains
Blind Canyon Seam
7th North Mains
Hiawatha Seam
8th West
15th West
SURFACE PROJECTION JOES VALLEY FAULT
D 1500'
N
AREA 28
CAD FILE NAME/DISK#: AREA28_2008.DWG
ENERGY WEST
MINING COMPANY
A SUBSIDIARY OF PACIFICORP
2008 SUBSIDENCE – AREA 28
DEER CREEK MINE – 8TH NORTH MAINS
2ND – 7TH WEST LONGWALL
DRAWN BY: K.S.F., K.J.L.
SCALE: 1" =600'
DATE: January 09, 2009
FIGURE 19
DRAWING #:
SHEET 1 OF 1
REV.



ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

EAST/TRAIL MOUNTAINS
MINE AREAS AS OF 9/1/08

DRAWN BY:	K. LARSEN	FIGURE 1
SCALE:	1"=1 MILE	DRAWING #:
DATE:	JANUARY 9, 2009	SHEET 1 OF 1 REV.



15 AREAS ELIMINATED FROM STUDY AS OF 2004

21 AREAS STUDIED FOR SUBSIDENCE NUMBERS KEYED TO TEXT

N

ENERGY WEST MINING COMPANY
A SUBSIDIARY OF PACIFICORP

2008 SUBSIDENCE MONITORING AREAS STUDIED FOR SUBSIDENCE

DRAWN BY: K. LARSEN	FIGURE 2	
SCALE: 1" = 1 MILE	DRAWING #	
DATE: January 07, 2009	SHEET 1 OF 1	REV.

Area 3
N-S

	1989	1991	1992	1993	1994	1995	1996	bad 1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS	TOPO
0	0	0	0	0	0	0	0	-1	-1.1	-0.6	-0.6	-0.4	-0.3	-0.4	-0.5	0	0	-0.9	-0.8	-0.8	0		7700
200	0	-0.2	-0.2	-0.2	-0.4	-1	-0.9	-3.1	-1.2	-0.6	-0.7	-0.6	-0.6	-0.5	-0.5	0	0	-0.3	-1.1	-0.7	200	-7	7800
400	-0.8	-0.4	-0.4	-0.6	-0.6	-1.4	-1.4	-3.5	-1.5	-0.8	-0.8	-0.8	-0.7	-0.9	-0.6	0	0	-0.8	-1.4	-0.8	400	-7	7920
600	-1.8	-0.6	-0.8	-0.8	-0.8	-1.7	-1.6	-4	-1.5	-1	-0.9	-1	-1	-1.1	-0.9	-0.5	0	-0.9	-1.6	-0.95	600	-7	8050
800	-1.2	-1.4	-1.4	-2	-1	-1.8	-1.9	-5.5	-1.9	-2	-1.5	-2.2	-2	-1.8	-1.5	-0.9	-2	-2.1	-1.95	-2	800	-7	8070
1000	0	-1.4	-1.4	-2	-2.2	-2	-2.5	-6	-2.4	-2	-2.5	-2.2	-2.2	-3.2	-2.2	-1	-2.4	-2.3	-3	-2.3	1000	-7	8100
1200	0	-1.1	-1	-0.8	-0.8	-1.8	-1.5	-4.8	-1.7	-1.4	-0.8	-1.2	-1	-2.7	-1.5	-0.8	-1.8	-2.2	-2.3	-1.9	1200	-7	8210
1400	0	-1.6	-1.4	-0.8	-1.1	-1.8	-1.8	-5.2	-1.7	-1.5	-0.7	-1.1	-1	-2	-0.8	-0.6	-1.3	-2.2	-1.4	-1.7	1400	-7	8320
1600	0	-2	-1.8	-1.2	-1.8	-2.2	-2.4	-5	-2.3	-1.4	-0.7	-2	-0.8	-2.2	-1.5	-1.2	-1.2	-2.2	-2.3	-1.4	1600	-7	8420
1800	0	0	-1.1	-1.1	-0.8	-1	-0.9	-3	-2	-0.8	-0.6	-0.8	-0.8	-1.8	-0.7	0	-0.7	-1.5	-1.9	-1	1800	-7	8460
																						-7	
																						-7	
																						-7	
																						-7	
																						-5	

Area 4
N-S

	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	BCWORKING	HWORKINGS	
0			0	0	0	0	0	0	-3	-1.4	0	0	-0.1	-0.2	0	-0.2	0	0	0	0	0	0	0	0	0	0	0		0
100			0	0	0	0	0	0	-3.6	-1.6	-0.25	-0.5	-0.2	-0.3	0	-0.3	-0.1	-0.1	-0.1	0	0	0	0	0	0	0	100		100
200			0	0	0	0	0	0	-4.2	-1.8	-0.5	-0.8	-0.4	-0.4	0	-0.4	-0.2	-0.2	-0.2	0	0	0	0	0	-0.2	0	200		200
300			0	0	0	0	0	0	-4.4	-2.2	-0.75	-1	-0.5	-0.5	0	-0.5	-0.3	-0.3	-0.4	0	0	0	0	-0.1	-0.5	0	300		300
400			0	0	0	0	0	0	-4.6	-2.4	-1	-1.4	-0.6	-0.6	0	-0.6	-0.4	-0.5	-0.6	0	0	0	-0.1	-0.3	-0.7	0	400		400
500			0	0	0	0	0	0	-4.7	-2.5	-1.5	-1.5	-0.7	-0.7	0	-0.7	-0.5	-0.7	-0.7	-0.3	-0.2	0	-0.4	-0.6	-0.9	-0.1	500		500
600			0	0	0	0	0	0	-4.8	-2.8	-1.8	-1.8	-0.8	-0.8	-0.5	-0.8	-0.6	-0.9	-0.8	-0.6	-0.5	-0.2	-0.7	-0.9	-1.2	-0.7	600	-15	600
700			0	0	0	0	0	-0.3	-5.1	-3	-2.5	-2.4	-1	-0.9	-0.9	-0.9	-0.7	-1.4	-0.9	-1.1	-0.8	-0.8	-1.2	-1.4	-1.7	-1.1	700	-15	700
800			0	0	0	0	0	-0.7	-5.2	-3.5	-2.9	-2.8	-1.5	-1	-1.2	-1	-0.8	-1.9	-1.1	-1.8	-1.2	-1.2	-1.6	-1.8	-2.3	-1.8	800	-15	800
900			0	0	0	0	0	-1.1	-5.3	-4.2	-3.2	-3.3	-2.1	-1.5	-1.5	-1.6	-1	-2.6	-1.5	-2.3	-1.6	-1.8	-2	-2.2	-2.75	-2.2	900	-15	900
1000			0	0	0	0	0	-1.2	-5.4	-4.9	-3.7	-3.8	-2.5	-2	-1.8	-2	-2.5	-3.4	-1.9	-2.7	-1.9	-2.2	-2.3	-2.4	-3.2	-2.7	1000	-15	1000
1100			0	0	0	0	0	-1.2	-5.4	-5.2	-4.1	-4.2	-2.7	-2.5	-2.1	-2.4	-3	-4	-2.2	-3	-2.2	-2.5	-2.5	-2.7	-3.5	-3	1100	-15	1100
1200			0	0	0	0	0	-1.3	-5.4	-5.9	-4.3	-4.4	-3	-3	-2.5	-2.6	-2.3	-3.9	-2.7	-3.2	-2.6	-2.7	-2.7	-3	-3.8	-3.3	1200	-15	1200
1300			0	0	0	0	0	-1.3	-5.3	-6	-4.5	-4.5	-3.5	-3.2	-3	-2.8	-3	-3.8	-3	-3.3	-2.9	-2.8	-2.9	-3.3	-4.1	-3.6	1300	-15	1300
1400			0	0	0	0	0	-1.3	-5.2	-6.2	-4.7	-4.6	-4	-3.4	-3	-3	-3.1	-3.7	-3.2	-3.4	-3.3	-2.7	-3.2	-3.7	-4.3	-3.7	1400	-15	1400
1500			0	0	0	0	0	-1.3	-4.6	-6.4	-4.6	-4.2	-3.7	-3.5	-3	-3.2	-3.2	-3.5	-3.5	-3.5	-3.5	-2.6	-3.4	-4	-4.4	-3.8	1500	-15	1500
1600			0	0	0	0	0	-1.2	-4.4	-6	-4.4	-4	-3.5	-3.4	-3	-3.1	-3	-3.4	-3	-3.4	-3.2	-2.5	-3.1	-3.8	-4.3	-3.6	1600	-15	1600
1700			0	0	0	0	0	-1.2	-4.2	-5.9	-4.3	-4.1	-3.7	-3.6	-3	-2.8	-2.9	-3.2	-2.7	-3.3	-2.7	-2.4	-3	-3.6	-4.2	-3.5	1700	-15	1700
1800			0	0	0	0	0	-1.1	-4	-5.8	-4.2	-4.2	-4	-4	-3.2	-3.1	-2.9	-3.1	-2.5	-3.2	-2.7	-2.3	-2.8	-3.7	-4	-3.3	1800	-15	1800
1900			0	0	0	0	0	-0.9	-3.9	-5.9	-4	-4	-3.5	-3.5	-3.2	-3.2	-2.8	-3	-2.5	-3.1	-2.8	-2.1	-2.6	-3.8	-3.8	-3.3	1900	-15	1900
2000			0	0	0	0	0	-0.8	-3.8	-5.8	-3	-3.5	-3	-3	-3.1	-3	-2.9	-3.1	-2.8	-3	-2.8	-2	-2.6	-3.9	-3.7	-3.2	2000	-15	2000
2100			0	0	0	0	0	-0.7	-3.7	-5.7	-2.8	-4	-3.1	-2.8	-3	-2.8	-2.8	-3.1	-2.9	-3	-3	-2	-2.7	-3.9	-3.7	-3.1	2100	-15	2100
2200			0	0	0	0	0	-0.7	-3.6	-5.6	-3.5	-4.2	-3	-3	-3	-3	-2.9	-3.2	-2.9	-3.5	-3.1	-2.1	-2.9	-3.9	-3.7	-3.6	2200	-15	2200
2300			0	0	0	0	0	-0.7	-3.4	-5.6	-4.2	-3.7	-3	-3.2	-3.5	-3.3	-3	-3.2	-2.5	-3.3	-3.2	-2.3	-3.2	-3.8	-3.8	-4	2300		2300
2400			0	0	0	0	0	-0.8	-3.2	-5.7	-4.3	-3.8	-3	-2.8	-4	-3.6	-3	-3.2	-2.8	-3.2	-3.3	-2.6	-2.9	-3.8	-3.7	-3.8	2400		2400
2500			0	0	0	0	0	-0.8	-2.8	-5.8	-4.4	-4.2	-3.2	-3.2	-4.2	-3.9	-3.1	-3.1	-3.1	-3.1	-3.4	-2.8	-3	-3.7	-4.2	-3.8	2500		2500
2600			0	0	0	0	-0.5	-0.8	-2.4	-6	-4.4	-4.5	-3.5	-3.4	-3.9	-4.1	-3	-3.1	-3.2	-3.1	-3.5	-3	-3.2	-3.8	-4.3	-4	2600		2600
2700			0	0	0	0	-0.8	-0.8	-1.9	-6.1	-4.5	-4.5	-3.6	-3.6	-3.5	-4.3	-3.1	-3.1	-3.1	-3.2	-3.5	-3.2	-3.4	-4	-4.3	-4.1	2700		2700
2800			0	0	0	0	-1.4	-0.9	-1.8	-6	-4.6	-4.7	-3.7	-3.5	-3.9	-4.3	-3.3	-3.2	-3.1	-3.3	-3.5	-3.3	-3.4	-3.8	-4.3	-4.3	2800	-15	2800
2900			0	0	0	0	-1.6	-1	-1.6	-5.9	-4.6	-5	-3.9	-3.5	-4.2	-4.2	-3.2	-3.1	-3.2	-3.4	-3.5	-3.4	-3.3	-3.6	-4.3	-4.4	2900	-15	2900
3000			0	0	0	0	-1.6	-1.2	-1.6	-5.8	-4.7	-5.1	-4.5	-3.7	-3.8	-4.2	-3.1	-2.9	-3.3	-3.5	-3.6	-3.6	-3.1	-3.3	-4.3	-4.4	3000	-15	3000
3100			0	0	0	0	-1.8	-1.4	-1.8	-5.7	-4.7	-4.9	-4.5	-3.5	-3.5	-4	-3	-3.1	-3.3	-3.6	-3.7	-3.7	-2.8	-3.1	-4.3	-4.4	3100	-15	3100
3200			0	0	0	0	-1.7	-1.7	-2	-5.6	-4.8	-4.7	-4	-3.4	-3.7	-4	-2.9	-3.4	-3.4	-3.7	-3.8	-3.8	-2.8	-3.6	-4.3	-4.4	3200	-15	3200
3300			0	0	0	0	-1.8	-2	-2.2	-5.5	-5.2	-4.5	-4	-3.6	-3.9	-4.1	-3	-3.7	-3.5	-3.8	-3.9	-4	-3.1	-4	-4.3	-4.5	3300	-15	3300
3400			0	0	0	0	-2.8	-2.2	-2.3	-5.5	-5.3	-4.5	-3.5	-3.3	-4.1	-4.2	-3.1	-4	-3.5	-3.9	-3.9	-4.2	-3.2	-4.2	-4.3	-4.5	3400	-15	3400
3500			0	0	0	0	-3	-2.3	-2.4	-5.4	-5.3	-4.5	-3.7	-3.4	-4.4	-4.3	-3.1	-4.1	-3.5	-4.2	-4	-4.2	-3.4	-4.3	-4.2	-4.4	3500	-15	3500
3600			0	0	0	0	-3.3	-2.4	-2.6	-5.3	-5.2	-4.4	-3.6	-3.6	-4.5	-4.2	-3.2	-4.2	-3.3	-4.5	-4.2	-4.1	-3.5	-4.1	-4.3	-4.3	3600	-15	3600
3700			0	0	0	0	-3.5	-2.3	-2.8	-5.2	-5.1	-4.3	-4	-3.5	-5	-4	-3.1	-4.1	-3.2	-4.1	-3.8	-3.6	-3.3	-4.1	-4.1	-4.2	3700	-15	3700
3800			0	0	0	0	-3.8	-2.2	-3.1	-5	-4.8	-4.1	-2.7	-3.3	-4.1	-3.4	-2.9	-4	-3	-3.7	-3.4	-3	-3.1	-3.6	-3.9	-4	3800	-15	-15.5	3800
3900			0	0	0	0	-4	-2.1	-3.4	-4.5	-4.3	-3.8	-3	-3	-3	-2.9	-2.5	-3.5	-2.4	-3.2	-2.9	-2	-2.6	-3	-3.4	-3.4	3900	-15	-15.5	3900
4000			0	0	0	0	-3.5	-2	-3.4	-3.8	-3.8	-3.3	-2.7	-2.3	-2.5	-2.6	-2	-3	-1.9	-2.7	-2.5	-1.5	-2.2	-2.4	-2.9	-2.8	4000	-15	-15.5	4000
4100			0	0	0	0	-3.2	-1.9	-3.6	-3.5	-3.4	-3	-2.4	-1.9	-2	-2.1	-1.5	-2.5	-1.4	-2.3	-2.2	-1.1	-2	-2	-2.3	-2.2	4100	-15	-15.5	4100
4200			0	0	0	0	-3	-1.8	-3.6	-2.9	-3	-2.5	-2.2	-1.4	-1.9	-2.3	-1.2	-2	-1	-2	-1.8	-0.9	-1.8	-1.7	-2	-1.9	4200	-15	-15.5	4200
4300			0	0	0	0	-2.4	-1.7	-3.4	-2.8	-2.5	-2.3	-2.1	-0.9	-1.6	-1.8	-1	-1.9	-0.9	-1.8	-1.5	-0.8	-1.6	-1.6	-1.8	-1.8	4300	-15	-15.5	4300
4400			0	0	0	0	-2.8	-1.6	-3.2	-2.6	-2.1	-2.1	-2	-0.8	-1.5	-1.8	-0.8	-1.8	-0.8	-1.7	-1.2	-0.7	-1.2	-1.4	-1.7	-1.7	4400	-15	-15.5	4400
4500			0	0	0	0	-2	-1.6	-2.8	-2.5	-1.8	-1.8	-1.7	-0.8	-1	-1.8	-0.7	-1.8	-0.8	-1.6	-0.9	-0.7	-0.9	-1.3	-1.7	-1.7	4500		-15.5	4500
4600			0	0	0	0	-2	-1.6	-2.5	-2.6	-1.7	-2	-1.5	-1	-1.2	-1.8	-0.8	-1.9	-0.9	-1.6	-0.9	-0.8	-0.9	-1.4	-1.8	-1.7	4600		-15.5	4600
4700			0	0	0	0	-1.9	-1.7	-2.2	-2.7	-1.9	-2.5	-2	-1.5	-1.3	-2	-0.9	-1.9	-1	-1.7	-1.2	-0.9	-1.2	-1.7	-2.1	-1.9	4700		-15.5	4700
4800			0	0	0	0	-1.7	-1.8	-1.9	-2.8	-2.2	-3	-2.8	-2	-1.5	-2.3	-1	-2	-1.4	-1.9	-1.7	-1.5	-1.6	-2	-2.7	-2.2	4800	-15	-15.5	4800
4900			0	0	0	0	-1.5	-1.9	-1.5	-3	-2.7	-3.5	-2.5	-2.3	-1.7	-3	-1.5	-2.5	-2	-2.3	-2.1	-2.1	-2.1	-2.2	-3.2	-2.7	4900	-15	-15.5	4900
5000			0	0	0	0	-1.6	-2	-1.1	-3.4	-3	-4	-2.8	-2.6	-1.9	-3.2	-1.8	-3	-2.5	-2.7	-2.3	-2.6	-2.7	-2.4	-3.5	-3	5000	-15	-15.5	5000
5100			0	0	0	0	-1.7	-2	-0.9	-3.6	-3.5	-4.1	-3	-3	-2.5	-3.4	-2.2	-3.2	-3.1	-3.1	-2.7	-3.1	-3.1	-2.6	-3.8	-3.5	5100	-15	-15.5	5100
5200			0	0	0	0	-1.9	-2.3	-0.9	-4	-4	-4.3	-3.1	-3.1	-3	-3.5	-2.8	-3.4	-3.5	-3.4	-3	-3.6	-3.3	-2.8	-4.1	-4	5200	-15	-15.5	5200
5300			0	0	0	-0.5	-2.2	-2.6	-0.8	-4.2	-4.2	-4.5	-3.3	-3.2	-3.2	-3.6	-3.2	-3.6	-3.8	-3.7	-3.2	-3.9	-3.4	-3.1	-4.3	-4.2	5300	-15	-15.5	5300
5400			0	0	0	-1.5	-2.7	-2.8	-0.7	-4.6	-4.5	-4.6	-3.5	-3.4	-3.5	-3.7	-3.7	-3.7	-3.7	-3.9	-3.4	-4.1	-3.6	-3.2	-4.6	-4.5	5400	-15	-15.5	5400
5500			0	0	0	-3	-3	-3.2	-0.6	-5	-4.7	-4.7	-3.7	-3.6	-3.7	-3.8	-4.1	-3.8	-4.1	-4.2	-3.4	-4.2	-3.8	-3.4	-4.8	-4.5	5500	-15	-15.5	5500
5600			0	0	-0.5	-3.5	-3.1	-3.4	-0.7	-5.2	-5	-4.8	-3.9	-3.8	-3.9	-3.9	-4.2	-3.9	-4.2	-4.3	-3.6	-4.3	-4.1	-3.5	-5.1	-4.7	5600	-15	-15.5	5600
5700			0	-0.5	-0.5	-3.5	-3.2	-3.7	-0.8	-5.3	-5.1	-4.9	-4.1	-4	-4.1	-4.3	-4	-4.1	-3.9	-4.5	-3.8	-4.2	-4.3	-3.3	-5.1	-5	5700	-15		5700
5800			0	-0.5	-1.5	-4	-3.2	-3.9	-1	-5.5	-5.2	-5	-5	-4.4	-4.5	-5	-3.5	-4.2	-3.9	-4.3	-4	-4.1	-4.3	-3.2	-5.2	-5	5800	-15		5800
5900			0	-0.5	-3	-4.2	-3.2	-4.2	-1.5	-5.2	-4.8	-4.5	-4.8	-4.3	-4.5	-5	-3.2	-4.1	-4	-4	-3.6	-3.7	-4.1	-3.1	-4.7	-4.6	5900	-15		5900
6000			0	-1	-3.5	-4.5	-3.2	-4.4	-2.2	-5	-4	-4	-4.6	-3.5	-4.1	-2.9	-2.5	-4	-3	-3.3	-3	-2.9	-3.5	-2.8	-3.95	-4	6000	-15		6000
6100			0	-1	-4	-4.8	-3.2	-4.6	-2.5	-4.7	-3.8	-3.5	-4.4	-2.8	-2.9	-2.8	-1.8	-3.1	-2.9	-2.7	-2.8	-2	-2.9	-1.9	-3.3	-2.9	6100	-15		6100
6200			0	-1.5	-4	-5	-3.2	-4.8	-3	-4.5	-3.6	-3	-4.2	-2.6	-2.8	-2.9	-2	-2.8	-2.8	-2.5	-2.8	-1.6	-2.6	-1.8	-2.8	-2.5	6200	-15		6200
6300			0	-1.5	-4	-5.2	-3.5	-5.1	-3.4	-4.2	-3.8	-4	-3.8	-2.8	-2.3	-2.9	-2	-3	-2.9	-2.2	-2.9	-1.9	-2.9	-2.1	-3	-2.1	6300	-15		6300
6400			-0.5	-1.8	-4	-5.2	-3.8	-5.2	-3.6	-3.8	-4	-4.5	-3.2	-2.8	-2.5	-3	-2.1	-3	-3	-2	-3.1	-2.4	-3.1	-2.1	-3.2	-1.9	6400	-15		6400
6500			-0.5	-2	-4	-5.2	-4	-5.2	-3.8	-3.7	-4.1	-4	-2.8	-2.3	-2.5	-2.8	-1.5	-3	-3	-2.1	-3	-2.2	-3	-2.1	-3.1	-1.9	6500	-15		6500
6600			-1	-3	-4.5	-5.2	-4.3	-5.3	-3.9	-3.6	-4	-3.5	-3.4	-2.3	-2.7	-2.8	-1	-3	-3	-2.1	-3	-2.1	-3	-2.1	-3.1	-1.9	6600	-15		6600
6700			-1	-4	-4.5	-5.2	-4.8	-5.3	-3.9	-3.5	-3	-3	-4.1	-2.5	-2.9	-2.6	-1.5	-3	-2.7	-2.3	-2.8	-1.9	-2.8	-2.1	-2.9	-2.2	6700	-15	-15.5	6700
6800			-1.5	-5	-4.5	-5.2	-5.1	-5.4	-3.8	-3.7	-2.8	-3.5	-4.5	-2.7	-2.9	-2.8	-2	-3	-2.9	-2.5	-2.8	-2.1	-2.8	-2.7	-2.9	-3	6800	-15	-15.5	6800
6900			-1.5	-5	-4.5	-5.2	-5.8	-5.3	-3.8	-3.6	-2.8	-4	-5	-3.2	-3.5	-3.2	-3	-3.5	-3.5	-2.9	-3.7	-2.7	-3	-3.1	-3.4	-3.7	6900	-15	-15.5	6900
7000			-1.5	-5	-4.5	-5.5	-6.1	-5.3	-3.7	-3.8	-3	-4.5	-6.5	-3.5	-4.3	-3.5	-3.5	-4	-4.6	-3.8	-4.2	-3.8	-3.8	-4	-4.1	-4.8	7000	-15	-15.5	7000
7100			-2.5	-5	-5	-5.8	-6	-5.2	-3.7	-3.9	-3.5	-5	-7.3	-4.8	-5	-4	-4.5	-5.5	-6	-6	-6	-5.3	-4.9	-5.5	-5.9	-6.4	7100	-15	-15.5	7100
7200			-3.2	-5	-6	-6	-5.5	-5.2	-3.8	-4.2	-4	-5.5	-8.5	-9.8	-6.1	-6.5	-7	-8	-8	-8	-8.1	-8.2	-6.4	-7.5	-8.2	-8.7	7200	-15	-15.5	7200
7300			-3.8	-6	-6	-6	-5	-5.2	-4	-5	-4.5	-6	-10	-11.2	-9	-9.8	-9.8	-10.2	-10	-9.4	-10.2	-10.3	-8.2	-9.7	-10.4	-10.8	7300	-15	-15.5	7300
7400			-4.5	-6	-6	-6	-4.8	-5.1	-4.1	-5.4	-4.8	-6.5	-11	-11.5	-11.5	-11.2	-11	-13	-11.4	-12	-11.8	-12.2	-10.2	-11.2	-12.2	-12.4	7400	-15	-15.5	7400
7500			-4.8	-6	-5.5	-5	-4.5	-5.1	-4.2	-5.6	-5.2	-6.6	-12	-11.8	-12.1	-11.8	-11.2	-13	-12.2	-12.5	-12.6	-13.2	-11	-12.1	-13	-13.3	7500	-15	-15.5	7500
7600			-5.2	-6	-5	-5	-4.2	-5.1	-4.2	-6	-5.8	-7.2	-13	-12.1	-12.3	-12	-11.2	-12.9	-12.7	-12.8	-12.8	-13.3	-12	-12.2	-13.4	-13.7	7600	-15	-15.5	7600
7700			-5.2	-6	-5	-4.8	-4	-5	-4.1	-6.1	-6.1	-7.5	-13.2	-12.3	-12.5	-11.8	-11.4	-12.9	-12.9	-12.4	-12.7	-13.3	-13	-12.6	-13.6	-13.8	7700	-15	-15.5	7700
7800			-4.5	-6	-4	-3	-3.8	-5	-4.1	-6	-6.1	-7.2	-13.4	-12.4	-12.5	-12	-11.4	-12.9	-12.8	-12.6	-12.3	-13.2	-13.5	-12.6	-13.7	-13.7	7800	-15	-15.5	7800
7900			-3	-6	-3.5	-2.8	-3.5	-4.8	-4.1	-6.2	-5.8	-7.1	-13.2	-12.2	-12.9	-12.1	-11.2	-12.8	-12.7	-11.9	-11.9	-12.9	-13.5	-12.6	-13.6	-13.7	7900	-15	-15.5	7900
8000			-3	-5.5	-3.2	-2.5	-3.2	-4.4	-4	-6.3	-5	-6.8	-13.4	-11.8	-12.9	-11.9	-11	-12.9	-12.5	-11.8	-11.8	-12.7	-13.4	-12.4	-13.4	-13.6	8000	-15	-15.5	8000
8100			-2.8	-5	-3	-2.5	-3	-4.1	-3.8	-6.2	-5	-7	-13.3	-12	-12.7	-11.9	-10.8	-12.8	-12.3	-11.9	-11.8	-12.4	-13.3	-12.1	-13.3	-13.4	8100	-15	-15.5	8100
8200			-2.8	-4.5	-3	-2.5	-2.9	-3.7	-3.6	-6.4	-5.5	-7.1	-13	-11.9	-12.5	-11.8	-10.8	-12.6	-12	-12.2	-11.8	-12.2	-13.2	-11.8	-13.1	-13.2	8200	-15	-15.5	8200

8300	-2.5	-4.2	-2.5	-2.3	-2.7	-3.3	-3.4	-6.3	-6	-7.3	-12.8	-11.6	-12.3	-11.6	-11	-12.3	-12	-12.5	-11.8	-11.9	-13	-11.6	-12.8	-12.9	8300	-15	-15.5	8300
8400	-2.2	-3.8	-2	-2	-2.5	-3	-3.3	-6.2	-6	-7.5	-12.6	-11.5	-12.1	-11.4	-11.2	-12	-12	-12.3	-11.7	-11.7	-12.7	-11.4	-12.5	-12.7	8400	-15	-15.5	8400
8500	-2	-3.2	-2	-1.5	-2.2	-2.7	-3.2	-6.5	-6.2	-7.4	-12.2	-11.3	-11.9	-11.2	-11.1	-11.9	-12	-12	-11.6	-11.5	-12.4	-11.2	-12.2	-12.4	8500	-15	-15.5	8500
8600	-2	-3	-1	-1.5	-1.8	-2.3	-3	-6.4	-6.2	-7.3	-11.8	-11.2	-11.7	-11	-11	-11.8	-11.4	-11.7	-11.5	-11.2	-12.1	-11	-11.95	-12.2	8600	-15	-15.5	8600
8700	-1.5	-2.5	-1	-1	-1.6	-2	-2.5	-6.5	-6	-7.1	-11	-11.2	-11.5	-11	-10.8	-11.7	-10.9	-11.3	-11.4	-10.9	-11.6	-10.8	-11.7	-11.9	8700	-15	-15.5	8700
8800	-1.5	-2	-1	-1	-1.2	-1.7	-2.2	-6.4	-5.9	-6.8	-10.8	-11	-11.2	-10.5	-10.5	-11.6	-10.7	-10.9	-11.2	-10.6	-11.2	-10.6	-11.4	-11.7	8800	-15	-15.5	8800
8900	-1	-1	-0.5	-1	-0.9	-1.3	-1.7	-6.2	-6.2	-6.8	-10.5	-10.5	-11.1	-10	-10.1	-11.4	-10.6	-10.5	-11	-10.2	-10.7	-10.2	-11.1	-11.5	8900	-15	-15.5	8900
9000	-0.5	-1	-0.5	-0.5	-0.5	-1	-1.4	-6	-6.1	-7	-10	-10	-10.9	-9.2	-9	-11.2	-10.3	-10.1	-10.3	-9.5	-10.2	-10	-10.8	-11.1	9000	-15	-15.5	9000
9100	0	0	0	0	0	-0.7	-1	-5.9	-6	-7	-9.6	-8.9	-9.8	-8.7	-8.7	-10.9	-10.1	-9.7	-9.8	-8.9	-9.8	-9.8	-10.5	-10.6	9100	-15	-15.5	9100
9200	0	0	0	0	0	-0.3	-0.7	-6	-6	-7	-9.2	-8.9	-9.8	-8.5	-8.5	-10.2	-9.7	-9.4	-9.4	-8.7	-9.5	-9.5	-10	-10	9200	-15	-15.5	9200
9300	0	0	0	0	0	-0.1	-0.5	-6.1	-5.7	-7.2	-8.9	-9.3	-9.5	-8.2	-8.3	-9.5	-9.1	-8.8	-8.8	-8.4	-9.3	-9	-9.7	-9.3	9300	-15	-15.5	9300
9400	0	0	0	0	0	0	-0.5	-6.2	-5.5	-7.3	-8.1	-8.2	-8.9	-7.9	-8.1	-8.9	-8.4	-7.9	-8.2	-8	-9.1	-8.3	-9.1	-8.7	9400	-15	-15.5	9400
9500	0	0	0	0	0	0	-0.2	-6.1	-5.4	-7.2	-7.3	-7.7	-8	-7	-7.1	-8	-7.7	-6.9	-7.4	-7.3	-8.1	-7.4	-8.3	-7.9	9500	-15		9500
9600	0	0	0	0	0	0	0	-6	-5.3	-7.1	-6.5	-6.6	-7.4	-5.8	-6	-7	-6.8	-5.9	-6.7	-6.6	-6.9	-6.5	-7.5	-7	9600	-15		9600
9700	0	0	0	0	0	0	-2.7	-5.8	-5.1	-7	-5.5	-5.8	-6.6	-5	-5	-6.1	-5.9	-4.8	-5.8	-5.7	-5.8	-5.1	-6.4	-6.1	9700	-15		9700
9800	0	0	0	0	0	0	-2.5	-5.2	-4	-5.5	-4.5	-3	-6	-3.8	-4	-5	-4.4	-3.5	-4.5	-4.5	-4.8	-3.9	-5.1	-4.8	9800	-15		9800
9900	0	0	0	0	0	0	-2.4	-4.7	-3	-4.8	-4	-3.3	-3.9	-2.9	-3	-4.2	-3.4	-2.9	-3.6	-3.4	-3.6	-2.8	-4	-3.9	9900	-15		9900
10000	0	0	0	0	0	0	-2.2	-4.4	-2.8	-4.8	-3.5	-3.5	-3	-2.9	-2.7	-3.8	-2.8	-2.8	-2.8	-2.9	-3.5	-2.4	-3.75	-3.7	10000			10000

Area 4
W-E

	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS	WORKINGS	
0			0	-1.5	0	-1.3	0	0		-0.5	0	0	0	0	0	0	0	0	0	0	-0.5	0	0	0	0	0	0			0
100			0	-2	-0.5	-1.3	0	-0.1		-1	-0.5	-0.5	-0.5	-0.3	-0.5	-0.4	-0.3	-0.2	-0.1	0	-1.1	0	0	0	0	0	100	-15		100
200			-0.5	-3	-1	-1.3	-0.2	-0.2		-1.2	-1	-1.5	-1	-0.6	-0.5	-0.6	-0.6	-0.5	-0.6	0	-1.8	0	0	0	-0.6	-0.6	200	-15		200
300			-1	-3.8	-2.5	-1.5	-0.4	-0.3		-1.4	-1.5	-1.4	-1.8	-1	-2	-1.1	-1	-0.8	-1	-0.3	-2.1	-1.1	-0.8	-0.8	-1.2	-2	300	-15		300
400			-3	-5	-3.5	-1.5	-0.8	-0.4		-1.5	-2	-1.2	-2.2	-1.2	-2.5	-0.9	-2	-1.1	-1.4	-0.6	-1.8	-1.7	-1.2	-1.1	-2.2	-2.1	400	-15	-15.5	400
500			-3	-4.5	-3	-1.5	-1	-0.5	-0.7	-1.6	-2.2	-0.8	-2.5	-1.6	-2.6	-0.8	-1.7	-1.2	-1.7	-0.9	-1.8	-2.2	-1.4	-1.3	-2.4	-2.2	500	-15	-15.5	500
600			-2	-3.5	-1	-1.8	-1.2	-0.6	-0.9	-1.5	-1.5	-1.5	-4	-2.1	-3	-2	-1.2	-1.3	-1.8	-1.4	-2	-2.2	-1.3	-1.4	-2.3	-2.1	600	-15	-15.5	600
700			-1	-3.5	-1	-2	-1.2	-0.7	-1.5	-1.6	-0.8	-2.5	-4.5	-2.7	-4	-1	-1	-1.4	-0.9	-2	-1	-1.2	-0.9	-0.9	-1.8	-1.8	700		-15.5	700
800			0	-3.5	-1	-2.2	-1.2	-0.8	-2.5	-1.7	-2.2	-3.3	-4	-3.2	-5	-0.9	-0.8	-1.5	-0.8	-2.8	0	-0.8	0	-1	-1	-0.9	800		-15.5	800
900			0	-3.5	-1	-2.8	-1	-0.9	-3.2	-2.2	-3	-3.4	-5	-3.5	-3.5	-3	-2	-3.5	-3.1	-2.5	-1.9	-2.2	-1.3	-2	-3.2	-2.8	900		-15.5	900
1000			0	-4	-1.5	-3	-1	-1.2	-3.4	-2.8	-3.2	-3.3	-6	-4	-4.7	-4.5	-4.4	-4.9	-4.1	-4	-3.6	-3.8	-3.1	-3.8	-4.9	-4.6	1000	-15	-15.5	1000
1100			0	-4	-2	-4	-1.5	-1.7	-3.8	-3.2	-3.5	-3.8	-7	-5.7	-6	-5.5	-5.7	-6.2	-5.8	-5.3	-5.2	-4.8	-4.6	-5.2	-6.3	-6.2	1100	-15	-15.5	1100
1200			-0.5	-4.5	-2	-4.2	-2	-2.4	-4.2	-4	-3.8	-4.7	-8	-7.1	-8.5	-7	-7.1	-7.8	-7.6	-6.8	-6.8	-5.8	-6.2	-6.4	-7.8	-7.6	1200	-15	-15.5	1200
1300			-0.7	-4.5	-3	-4.5	-2.5	-3	-4.4	-4.7	-4.1	-5	-9	-8.2	-9	-9.5	-8.2	-9.5	-9	-8.2	-8.2	-8.1	-7.8	-7.6	-9.2	-9	1300	-15	-15.5	1300
1400			-1	-4.5	-3	-4.5	-3	-3.2	-4.6	-5.2	-5	-6	-10	-9.5	-10	-10.2	-9.5	-10.5	-10	-9.1	-9.6	-8.9	-8.8	-8.3	-10.5	-10.2	1400	-15	-15.5	1400
1500			-1	-4.5	-3.5	-4.5	-3.5	-3.6	-4.8	-5.5	-4.8	-6.4	-10.5	-10.5	-10.6	-10.4	-9.8	-10.9	-10.5	-9.9	-10.3	-9.4	-9.6	-9	-11.2	-11.1	1500	-15	-15.5	1500
1600			-1	-5	-3.8	-4.5	-3.8	-3.8	-5	-5.8	-5	-6.1	-11	-10	-10.2	-10	-10.2	-11.1	-10.4	-10.1	-10.5	-10.1	-9.9	-9.4	-11.1	-11.1	1600	-15	-15.5	1600
1700			-1	-5	-4.2	-4.5	-4	-4.1	-5.2	-6	-5.2	-6.1	-10.9	-9.9	-10.2	-10	-10.1	-11	-10.3	-10.4	-10.6	-10.3	-9.9	-9.8	-11.1	-11.2	1700	-15	-15.5	1700
1800			-1	-5	-4.2	-4.5	-4	-4.3	-5.4	-6.1	-5.3	-6.8	-11.2	-10.1	-10.3	-10.3	-10.1	-11.1	-10.2	-10.7	-10.7	-10.7	-9.5	-9.9	-11.3	-11.6	1800	-15	-15.5	1800
1900			-1.5	-5	-4.5	-5.1	-4	-4.4	-5.4	-6.3	-5.5	-7	-11	-10.2	-10.5	-10.6	-10.2	-11.3	-10.5	-10.9	-10.8	-10.9	-8.9	-9.9	-11.6	-11.8	1900	-15	-15.5	1900
2000			-1.5	-5	-4.5	-5.5	-3.9	-4.5	-5.2	-6.5	-5.8	-7.3	-10.9	-10.3	-10.5	-10.8	-10.2	-11.4	-10.8	-11	-10.9	-11	-8.5	-9.9	-11.7	-11.7	2000	-15	-15.5	2000
2100			-1.5	-5	-4.5	-5.5	-4.1	-4.6	-5	-6.1	-6.1	-7.2	-10.9	-10.4	-10.7	-10.6	-10.1	-11.5	-11.1	-11	-10.9	-10.9	-8.8	-10.1	-11.7	-11.5	2100	-15	-15.5	2100
2200			-2	-5	-4.8	-5.5	-4.2	-4.7	-4.8	-6.3	-6.1	-7.1	-11.1	-10.6	-11	-10.7	-10.2	-11.6	-11.2	-11	-10.9	-10.2	-9.7	-10.2	-11.5	-11.4	2200	-15	-15.5	2200
2300			-2	-5	-4.8	-5	-4.3	-4.9	-4.5	-6.5	-6.2	-7.2	-10.9	-10.5	-10.5	-10.6	-10.2	-11.7	-11	-10.8	-10.9	-10.1	-10.3	-10.2	-11.3	-11.3	2300	-15	-15.5	2300
2400			-2	-5	-5	-4.5	-4.4	-5.1	-4.2	-6.4	-6.2	-7	-11	-10.7	-10.9	-10.8	-10.5	-11.8	-10.9	-10.7	-10.8	-10.2	-10.5	-10.1	-11.25	-11.1	2400	-15	-15.5	2400
2500			-2	-5	-5.2	-5	-4.5	-5.2	-4.1	-6.7	-6.1	-7.1	-11.2	-10.8	-11	-10.9	-10.8	-11.9	-11	-10.9	-10.9	-10.4	-10.7	-10.2	-11.25	-11.2	2500	-15	-15.5	2500
2600			-2	-5	-5.2	-5.2	-4.6	-5.3	-3.5	-6.5	-6.1	-7	-11	-10.7	-11.2	-11	-11	-12	-11.2	-11	-11.2	-10.8	-11	-10.4	-11.7	-11.6	2600	-15	-15.5	2600
2700			-2	-5	-5.2	-5.5	-4.8	-5.4	-2.2	-6.7	-6.1	-6.9	-11.3	-10.9	-11.3	-11.2	-11.1	-12.2	-11.3	-11.2	-11.4	-11.2	-11.1	-10.5	-12.1	-12.1	2700	-15	-15.5	2700
2800			-1.8	-5	-5.2	-5.5	-5.2	-5.5	-0.7	-6.8	-6.1	-6.8	-11.2	-11.2	-11.3	-11.2	-11.2	-12.2	-11.3	-11.2	-11.3	-10.9	-11	-10.4	-11.7	-12.3	2800	-15	-15.5	2800
2900			-1.5	-5	-5	-5.5	-5.8	-5.4	0	-6.5	-6.1	-7	-11	-11.1	-11.3	-11.1	-11.1	-12	-11	-11	-11.1	-10.4	-10.7	-10.1	-11.3	-12.1	2900	-15	-15.5	2900
3000			-1.5	-5	-4.5	-5.8	-6	-5.3	0	-6.2	-6.1	-7.1	-10	-10	-10	-10	-10	-11.9	-10.6	-10.4	-10.9	-9.8	-10.4	-9.9	-10.9	-11.4	3000	-15	-15.5	3000
3100			-1.5	-5	-5	-5.8	-6.1	-5.2	0	-6.1	-6.1	-7.1	-9.5	-9	-10	-9.5	-9.8	-11.9	-10.4	-10.4	-10.7	-9.8	-10.2	-10.1	-10.8	-11.2	3100	-15	-15.5	3100
3200			-1.5	-5	-5	-6.2	-6.3	-5.1	0	-6.1	-6.1	-8	-11	-10.5	-11	-10.2	-10	-11.9	-10.8	-11.1	-10.9	-10.2	-10.1	-10.3	-11.1	-11.3	3200	-15	-15.5	3200
3300			-1.5	-5	-5.2	-6.2	-6.4	-4.9	0	-6	-6.1	-8.1	-11.2	-11.2	-11.2	-11.2	-10.3	-11.8	-11	-11.3	-11.2	-10.4	-10.5	-10.6	-11.2	-11.4	3300	-15	-15.5	3300
3400			-1.5	-5	-5.2	-6.2	-6.5	-4.7	0	-6	-6.1	-7.9	-11	-11	-11	-10.8	-10.5	-11.7	-11.3	-11.1	-11.4	-10.5	-11.1	-10.7	-11.3	-11.6	3400	-15	-15.5	3400
3500			-1.5	-4.8	-5.2	-6.2	-6.2	-4.5	0	-6.1	-6.1	-7.7	-11.1	-10.8	-10.7	-10.5	-10.2	-11.8	-11.3	-10.9	-11.6	-10.4	-11.3	-10.8	-11.2	-11.5	3500	-15	-15.5	3500
3600			-1.5	-4.5	-5.2	-6.5	-6	-4.3	0	-6.2	-6.1	-7.5	-11	-10.6	-10.5	-10.2	-9.8	-11.9	-11.2	-10.8	-11.7	-10.2	-11.1	-10.8	-11.05	-11.4	3600	-15	-15.5	3600
3700			-1.5	-4.5	-5.2	-6.2	-5.5	-4.1	0	-6.1	-6.1	-7.3	-11	-10.4	-10.5	-10	-9.8	-11.8	-11.2	-10.8	-11.8	-10.2	-11.2	-10.8	-11.1	-11.5	3700	-15	-15.5	3700
3800			-1.5	-4	-5.2	-6.2	-4.8	-3.7	0	-5.6	-6	-7.2	-10	-10.9	-10.5	-10	-9.6	-11.8	-11.1	-10.8	-11.8	-10.8	-11.4	-10.8	-11.2	-11.6	3800	-15	-15.5	3800
3900			-1.2	-4	-5	-6	-4	-3	0	-5.2	-5.6	-7	-10	-10.7	-10.2	-10	-9.7	-11.4	-10.8	-10.6	-11.4	-10.7	-11.2	-10.7	-11.1	-11.4	3900	-15	-15.5	3900
4000			-1.2	-3.5	-5	-5	-3	-2.4	0	-5.1	-5.2	-6.8	-9	-10.3	-9.9	-9.5	-9.5	-11	-10.3	-10.2	-10.7	-10.1	-10.6	-10.1	-10.75	-10.9	4000	-15	-15.5	4000
4100			-1.2	-3	-4	-4	-2.3	-2	0	-4.5	-4.6	-6.2	-8	-9.8	-9.2	-9	-8.8	-10.1	-9.7	-9.7	-9.9	-9.4	-9.5	-9.1	-10.1	-10.1	4100	-15	-15.5	4100
4200			-0.8	-2	-3.2	-3	-1.8	-0.9	0	-4	-3.8	-5.9	-7	-9.1	-9.8	-8.5	-8.1	-9	-9.1	-9.3	-8.8	-8.5	-8.1	-7.7	-9.1	-9.1	4200	-15	-15.5	4200
4300			-0.8	-1.5	-2.8	-2.2	-1.1	-0.8	0	-3	-2.8	-5	-6	-8.1	-8	-8	-7.2	-7.2	-7.5	-8.2	-7.2	-7.1	-6.4	-6.1	-7.5	-7.7	4300	-15	-15.5	4300
4400			-0.5	-1	-2	-1	-0.8	-0.7	0	-2	-1.8	-4	-5	-6.5	-6.5	-6.2	-6	-5.1	-5.2	-5.8	-5.3	-5.2	-4.8	-4.6	-5.5	-5.7	4400	-15	-15.5	4400
4500			-0.5	-1	-1.5	-0.5	-0.6	-0.5	0	-1.2	-0.8	-3	-4	-4	-4	-4	-4	-3.5	-3.2	-3.3	-3.7	-3.8	-3.3	-3	-3.75	-3.7	4500	-15	-15.5	4500
4600			0	-0.5	-1	-0.5	-0.4	-0.4	0	-0.9	-0.4	-2.1	-3.5	-2	-2	-2.6	-1.8	-2.2	-1.7	-1.5	-2.4	-2.2	-2.2	-1.8	-2.4	-2.1	4600	-15	-15.5	4600
4700			0	-0.5	-0.7	-0.3	-0.2	-0.3	0	-0.4	0	-1.8	-3	-1.5	-1	-0.9	-0.9	-1.8	-0.8	-0.5	-1.9	-1.9	-1.9	-0.9	-1.9	-2.4	4700		-15.5	4700
4800			0	0	-0.2	0	0	-0.2	0	0	0	-1.6	-1.1	-1	-1	-0.8	-0.8	-1.7	-0.7	0	-1.7	-1.9	-1.8	-0.7	-1.8	-2	4800			4800
4900								-0.1	0	0	0	-1.5	-1.2	-0.8	-1	-0.7	-0.7	-1.5	-0.8	0	-1.5	-1.8	-1.7	-0.5	-1.7	-2.2	4900			4900
5000								0	0	0	0	-1.3	-1.2	-0.8	-0.8	-0.6	-0.5	-1.3	-0.9	0	-1.6	-1.8	-1.6	-0.6	-1.6	-2.2	5000			5000

Area 5
N-S

Area 5
N-S

	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	BCW(	HWORK	
0			0	0	0	0	0	0	0	0	-1.6	-8	-6.8	-6.7	-7.2	-7.2	-6.4	-7.2	-6.8	-6.6	-7.7	-6.8	-5.8	-6.4	-7.6	-7.3		-15.5	0
100			0	0	0	0	0	0	0	0	-2	-8.4	-6.9	-6.8	-7.5	-7	-6.5	-7.5	-6.8	-6.8	-7.8	-6.9	-6	-6.7	-7.8	-7.6		-15.5	100
200			0	0	0	-0.5	0	-0.3	-0.2	-0.5	-2.1	-8.6	-7.5	-6.9	-7.8	-7	-6.8	-7.8	-6.9	-6.9	-7.9	-7	-6.7	-7	-7.9	-7.8	-14.5	-15.5	200
300			0	0	-0.5	-0.5	0	-0.8	-0.4	-0.7	-2.4	-9	-9	-7.8	-8.2	-8	-7.5	-8.2	-7.8	-7.6	-8.6	-8.2	-7.6	-7.9	-8.65	-8.7	-14.5	-15.5	300
400			0	0	-1.5	-0.5	0	-1.1	-0.7	-0.8	-3	-10	-9.8	-9.3	-9.2	-9	-8.6	-9.2	-8.7	-8.7	-9.3	-9.3	-8.7	-8.9	-9.4	-9.6	-14.5	-15.5	400
500			0	-0.5	-1.5	-1.5	-0.5	-1.7	-1	-1	-3.6	-10.5	-10.5	-10.2	-10	-9.7	-9.2	-10.2	-9.3	-9.3	-10.1	-10.2	-9.6	-9.5	-10	-10.2	-14.5	-15.5	500
600			-0.5	-1	-1.5	-2.5	-0.5	-2.1	-1.8	-1.5	-4.2	-11.2	-11	-10.4	-10.6	-10.2	-9.5	-10.5	-9.7	-9.8	-10.5	-10.7	-10.2	-10.1	-10.4	-10.4	-14.5	-15.5	600
700			-1.5	-1.5	-1.5	-3.5	-0.7	-2.3	-2.2	-2.2	-5	-11.2	-11.2	-10.6	-11.1	-10.4	-9.8	-11	-10.2	-10	-11.1	-11.1	-10.4	-10.6	-10.7	-10.6	-14.5	-15.5	700
800			-2.5	-2.5	-3	-3.8	-1.5	-2.4	-3	-2.8	-5.2	-11.3	-11.2	-10.8	-11.3	-10.7	-10.1	-11.1	-10.4	-10.1	-11.1	-11.3	-10.7	-10.6	-10.9	-10.75	-14.5	-15.5	800
900			-3	-3	-4.2	-4.2	-2.1	-2.5	-3.2	-3.3	-5.4	-11.8	-11.3	-11	-11.5	-10.9	-10.1	-11.2	-10.6	-10.2	-11.2	-11.5	-10.9	-10.7	-11.1	-10.9	-14.5	-15.5	900
1000			-3.5	-4	-5	-4.2	-2.9	-2.6	-3.5	-4	-5.6	-12	-11.1	-11.2	-11.8	-11.2	-10.1	-11.3	-10.7	-10.3	-11.4	-11.8	-11.1	-10.8	-11.2	-11.2	-14.5	-15.5	1000
1100			-3.5	-4	-5	-4.2	-3.2	-2.7	-3.6	-4.2	-5.8	-12.2	-11.2	-11.3	-12.1	-11.3	-9.9	-11.4	-10.9	-10.4	-11.5	-12	-11.2	-10.9	-11.3	-11.4	-14.5	-15.5	1100
1200			-2.5	-3	-5	-4.2	-3.4	-2.8	-3.8	-4.4	-5.9	-12.2	-11.2	-11.4	-12.1	-11	-11	-11.5	-10.9	-10.4	-11.4	-11.9	-11.2	-10.9	-11.3	-11.4	-14.5	-15.5	1200
1300			-2.8	-3	-5	-4.2	-3.5	-2.9	-4	-4.6	-6.2	-12.3	-11.2	-11.5	-12.1	-10.8	-14	-11.6	-11	-10.4	-11.3	-11.7	-11.2	-10.8	-11.3	-11.2	-14.5	-15.5	1300
1400			-2	-3.5	-5.5	-4.2	-3.6	-3	-4.2	-4.8	-6.3	-12.1	-11.1	-11.6	-12.3	-10.7	-15.1	-11.7	-11	-10.3	-11.2	-11.5	-11.1	-10.8	-11.3	-11.1	-14.5	-15.5	1400
1500			-1.5	-4	-5	-4.2	-3.7	-3.1	-4	-4.8	-6.2	-11.8	-11	-11.5	-12.2	-10.7	-14.5	-11.8	-10.7	-10.4	-11.2	-11.4	-11	-10.8	-11.4	-10.95	-14.5	-15.5	1500
1600			-1	-4	-5	-4.2	-3.8	-3.2	-3.8	-4.9	-5.9	-11	-10.8	-11.2	-11.5	-10.8	-12	-11.8	-10.7	-10.4	-11.2	-11.3	-10.7	-10.8	-11.5	-10.95	-14.5	-15.5	1600
1700			-0.5	-4	-5	-4.2	-3.9	-3.5	-3.6	-5.1	-5.7	-10.5	-10.8	-11.4	-12	-11	-10.8	-11.8	-10.8	-10.5	-11.3	-11.5	-10.7	-10.9	-11.6	-11.05	-14.5	-15.5	1700
1800			0	-3.5	-4.8	-4.2	-3.9	-3.4	-3.4	-5.2	-5.4	-11	-11.5	-11.6	-12.5	-11.3	-11.1	-11.9	-11.3	-10.7	-11.8	-12	-11.1	-11.2	-11.9	-11.2	-14.5	-15.5	1800
1900			0	-3	-4.5	-4.2	-3.7	-3.2	-3.1	-5.3	-5.2	-12	-12	-12.1	-13	-11.5	-11.2	-12.1	-11.8	-10.9	-12.4	-12.8	-11.3	-11.4	-12.2	-11.3	-14.5	-15.5	1900
2000			0	-2.5	-4.3	-3.8	-3.4	-2.6	-2.8	-5	-5.1	-12	-12	-12.1	-13.2	-11.3	-11.1	-12	-11.7	-10.7	-12.1	-12.2	-11.1	-11.3	-11.7	-11.2	-14.5	-15.5	2000
2100			0	-2	-4	-2.8	-3.2	-1.7	-2.1	-4.8	-4.6	-11	-11	-11	-12	-10.7	-10.1	-11.1	-10.7	-9.7	-11.1	-11.2	-10.3	-10.5	-10.8	-11	-14.5	-15.5	2100
2200			0	-1	-3.5	-2	-2.6	-1	-1.5	-4.4	-3.6	-9	-9	-9	-10	-8.9	-8.8	-10	-9.1	-8.4	-9.7	-10	-9.1	-9.1	-9.4	-9.7	-14.5	-15.5	2200
2300			0	-0.5	-3.5	-1	-2	-0.8	-0.9	-4	-2.9	-7.7	-7.3	-7.9	-8.5	-7.6	-7.5	-9	-7.9	-7.3	-8.5	-9	-8	-7.9	-8.2	-8.7	-14.5	-15.5	2300
2400			0	0	-3	-1	-1.4	-0.6	-0.6	-3.3	-2.8	-7	-6.7	-7.1	-7.8	-6.7	-6.8	-8.2	-7.1	-6.5	-7.7	-8	-7.4	-7.3	-7.5	-7.8	-14.5	-15.5	2400
2500			0	0	-1.8	-1	-0.7	-0.4	-0.4	-2.8	-2.6	-6.8	-6	-6	-6.9	-5.8	-6	-7.3	-6.3	-5.8	-6.8	-7.2	-6.8	-6.6	-6.8	-7.1	-14.5	-15.5	2500
2600			0	0	-1.5	-0.5	-0.5	-0.2	0	-2.2	-2.4	-6.1	-5	-5.3	-5.7	-4.8	-5	-6.1	-5.2	-4.8	-6	-6.1	-5.7	-5.8	-5.8	-6.1		-15.5	2600
2700			0	0	-1	-0.5	0	0	0	-1.8	-2.2	-4	-3.7	-4	-4.5	-3.7	-4.1	-4.8	-4	-3.3	-4.6	-4.8	-4	-4.4	-4.5	-4.7		-15.5	2700
2800			0	0	-1	0	0	0	0	-1.2	-2.1	-3.2	-2.5	-2.7	-3.4	-2.8	-3.2	-3	-2.5	-1.7	-3	-3.2	-2.3	-2.9	-3.1	-3		-15.5	2800
2900			0	0	-0.5	0	0	0	0	-1.1	-1.9	-2.5	-1.8	-2.2	-2.5	-1.9	-2	-1.9	-1.4	-0.7	-2	-2.2	-1	-1.8	-2	-1.9		-15.5	2900
3000			0	0	0	0	0	0	0	-1	-1.7	-1.8	-0.9	-1.7	-1.5	-0.9	-1	-1.1	-0.8	0	-1.5	-1.5	-0.2	-0.9	-1.4	-1		-15.5	3000

Area 5
W-E

	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	BCW	HWORK	
0							0	0	0	-0.2	-0.3	-0.5	0	0	0	0	0	0	0	0	-0.8	-0.6	-0.5	-0.7	-0.5	-0.8			0
100							0	0	0	-0.4	-0.4	-0.8	-0.2	-0.2	-0.2	-0.2	-0.2	-0.6	-0.4	0	-1.1	-0.8	-0.6	-0.9	-0.7	-0.9			100
200							0	0	-0.2	-0.6	-0.5	-1.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.8	-0.6	0	-1.3	-1	-0.7	-1.1	-0.8	-1.2			200
300							0	0	-0.4	-0.8	-0.7	-1	-0.5	-0.6	-0.7	-0.6	-0.6	-0.9	-0.8	-0.3	-1.6	-1.3	-0.8	-1.4	-0.9	-1.6		-15.5	300
400			0	0	0	0	0	-0.2	-0.6	-1	-1	-1.8	-0.8	-0.8	-1.2	-0.8	-0.8	-1.3	-1.1	-0.6	-1.8	-1.7	-0.9	-1.7	-1.3	-1.9	-14.5	-15.5	400
500			0	-0.5	0	0	-0.2	-0.4	-0.8	-1.5	-1.5	-2.4	-1.5	-1.5	-2	-1.5	-1.4	-2	-1.9	-0.9	-2.3	-2.2	-1.6	-2	-1.9	-2.6	-14.5	-15.5	500
600			-1	-1	-0.5	-0.5	-0.7	-0.6	-1	-2	-2	-3	-2.2	-3	-3	-2.2	-2.2	-3	-2.9	-1.8	-3.3	-3.4	-2.7	-3	-3	-3.8	-14.5	-15.5	600
700			-2	-2	-1	-1.5	-1.5	-0.8	-1.5	-2.7	-2.9	-4	-2.8	-3.6	-3.9	-2.8	-2.9	-5.4	-5	-4	-5.6	-5.7	-4.8	-5	-5	-5.8	-14.5	-15.5	700
800			-3	-3	-2	-2.8	-2.1	-1	-2	-3.1	-4.2	-9	-7.5	-7.5	-8	-7.5	-7	-9	-9	-7	-9.2	-9	-8.5	-9	-8.8	-9	-14.5	-15.5	800
900			-3.5	-4	-2.5	-3.6	-2.8	-1.8	-2.4	-3.5	-5	-11.2	-11.2	-11.3	-12.1	-11.2	-11.1	-11.2	-11.1	-10.1	-11.4	-11.2	-11	-11.1	-11.1	-11.1	-14.5	-15.5	900
1000			-4	-4	-3.5	-3.9	-3.1	-2.2	-2.8	-3.9	-5	-11.5	-11.2	-11.2	-12	-11.5	-11.1	-12.2	-11.4	-10.5	-12.1	-11.4	-11.1	-11.2	-11.6	-11.2	-14.5	-15.5	1000
1100			-4	-4	-4	-4	-3.1	-2.4	-2.7	-3.9	-5	-11.3	-11.1	-11	-12.1	-11.8	-11.1	-12.1	-11.4	-10.7	-12.3	-11.6	-11.2	-11.2	-11.7	-11.3	-14.5	-15.5	1100
1200			-4	-4.2	-4.2	-4	-2.9	-2.5	-2.5	-3.8	-5	-11.6	-11	-11.2	-12.2	-11.9	-11	-12.1	-11.5	-10.7	-12.5	-11.8	-11.2	-11.2	-11.8	-11.3	-14.5	-15.5	1200
1300			-4	-4	-4.5	-4	-2.8	-2.6	-2.6	-3.8	-5	-11.5	-11.2	-11.5	-12.2	-11.7	-11	-12.1	-11.8	-10.6	-12.5	-12.1	-11.2	-11.2	-11.7	-11.3	-14.5	-15.5	1300
1400			-3.5	-4	-4.5	-4	-2.9	-2.7	-2.8	-4.2	-5	-11.8	-11.1	-11.8	-12.3	-11.8	-11	-12.1	-11.9	-10.7	-12.3	-12.2	-11.1	-11.2	-11.7	-11.3	-14.5	-15.5	1400
1500			-3.5	-4	-4.8	-4	-3	-2.8	-2.9	-4.4	-5.1	-12	-11	-12.1	-13	-11.7	-11.1	-12.1	-11.8	-10.7	-12.2	-12.3	-11.1	-11.2	-11.8	-11.3	-14.5	-15.5	1500
1600			-3.5	-4	-5	-4	-2.9	-2.9	-2.9	-4.6	-5.1	-12	-11	-12.1	-13.1	-12	-11.2	-12.1	-11.2	-10.5	-12.2	-12.1	-11.2	-11.2	-12.1	-11.35	-14.5	-15.5	1600
1700			-3	-4	-5	-4	-2.8	-3	-2.9	-4.7	-4.7	-11.5	-11	-12.1	-13.1	-12.1	-11.1	-12	-10.8	-10.9	-12.1	-11	-10	-11.2	-10.2	-11.4	-14.5	-15.5	1700
1800			-3	-4	-5	-4	-2.5	-3.5	-3	-4.8	-3.7	-11	-10.9	-11.9	-12.6	-11	-11	-11.1	-10.5	-11.2	-11.8	-8	-6.8	-10.9	-6.5	-11.5	-14.5	-15.5	1800
1900			-3	-4	-5	-4	-3	-4	-3.2	-4.5	-3.9	-11	-9.9	-11.8	-12	-9.8	-10.7	-11.8	-10.4	-11.5	-11.5	-7	-5.2	-10.7	-4.95	-11.5	-14.5	-15.5	1900
2000			-3	-4	-5	-4.5	-3.1	-5	-3.4	-4.7	-5.1	-11.1	-10.2	-11.7	-11.6	-10.1	-10.4	-11.6	-10.3	-11.1	-11.2	-9	-8.6	-10.5	-8.1	-11.6	-14.5	-15.5	2000
2100			-3	-4	-5	-5.1	-3.2	-5.4	-3.6	-4.8	-6	-11.2	-10.1	-11.5	-11.3	-10.3	-10.1	-11.4	-10.1	-10.7	-10.8	-10.2	-10.2	-10.3	-10.1	-11.7	-14.5	-15.5	2100
2200			-3	-4	-5	-5.5	-3.4	-5.4	-3.8	-4.9	-6.1	-11	-10.2	-11.3	-11	-10.1	-9.8	-11.2	-9.7	-10.2	-10.4	-10.3	-10.1	-10	-10.1	-11.3	-14.5	-15.5	2200
2300			-3.5	-4.5	-5	-5.5	-3.5	-5.4	-4.2	-5.2	-6.1	-10.2	-10	-11	-10.3	-9.6	-9.3	-10	-9.1	-9.4	-9.9	-9.8	-9.2	-9.2	-9.3	-10.7	-14.5	-15.5	2300
2400			-3.5	-5	-5	-5.5	-3.7	-5.4	-4.4	-5.3	-5.9	-9	-8.2	-9.5	-9	-8.4	-8.1	-8.8	-8.1	-8.4	-8.8	-8.9	-8.1	-8.1	-8.4	-9.3	-14.5	-15.5	2400
2500			-3.5	-5	-5	-5.5	-3.8	-5.4	-4.6	-5.4	-6	-8.2	-7.6	-7.8	-8	-7.6	-6.9	-8	-7.7	-7.8	-7.9	-8	-7.6	-7.4	-7.7	-8.3	-14.5	-15.5	2500
2600			-4	-5	-5	-5.5	-3.9	-5.4	-4.6	-5.5	-6.2	-8	-7.5	-7.7	-7.7	-7.5	-6.8	-7.8	-7.2	-7.4	-7.5	-7.4	-7.2	-6.9	-7.3	-7.8	-14.5		2600
2700			-4	-5	-5	-6	-4.1	-5.4	-4.4	-5.4	-6.3	-7.6	-7.2	-7.6	-7.3	-7.4	-6.6	-7.4	-6.9	-7	-7.1	-6.9	-6.8	-6.6	-7.05	-7.5	-14.5	-15.5	2700
2800			-4	-4.5	-5	-5.8	-4.3	-5.4	-4.2	-5.3	-6.2	-7.4	-6.8	-7.4	-6.9	-6.8	-6.5	-7.1	-6.5	-6.6	-6.8	-6.6	-6.3	-6.3	-6.7	-7.3	-14.5	-15.5	2800
2900			-3	-4	-4.5	-5.5	-4	-5.4	-4	-5.2	-6.1	-7.2	-6.6	-7.2	-6.5	-5.8	-6.2	-6.9	-6.3	-6.4	-6.5	-6.3	-5.8	-6.1	-6.4	-7.15	-14.5		2900
3000			-1	-2	-4.5	-5	-3.7	-5.3	-3.6	-5.1	-6.3	-7	-6.4	-7	-6.2	-5.6	-5.9	-6.6	-5.9	-6.1	-6.2	-5.8	-5.6	-5.8	-6.1	-6.9	-14.5		3000
3100			-1	-1	-4.5	-5	-3.4	-5.2	-3.4	-4.8	-6.2	-6.8	-5.9	-6.5	-5.8	-5.5	-5.4	-6.3	-5.8	-5.9	-5.9	-5.5	-5.3	-5.5	-5.75	-6.5	-14.5		3100
3200			-2.5	-3	-4.5	-5	-3.1	-5.1	-3.2	-4.5	-6	-6.7	-5.5	-6	-5.2	-5.3	-4.9	-5.8	-5.8	-5.5	-5.6	-5.2	-5.1	-5.1	-5.4	-6.25	-14.5		3200
3300			-2	-3	-4.2	-4.3	-2.7	-5	-2.5	-4.2	-5.5	-6.1	-5.3	-5.7	-4.7	-5	-4.3	-5.2	-5.2	-5	-5.1	-4.8	-4.7	-4.7	-5	-5.7	-14.5		3300
3400			-1.5	-2.5	-3.5	-3.5	-2	-4.2	-2	-3.6	-4.7	-5	-4.5	-5.2	-4.1	-4	-3.7	-4.5	-4.7	-4.4	-4.5	-4.1	-4.1	-4.1	-4.4	-4.9	-14.5	-15.5	3400
3500			-1.5	-2	-3	-2.5	-1	-3.4	-1.4	-3.1	-3.8	-4.2	-3.5	-4.5	-3.5	-3.3	-3.2	-3.5	-3.6	-3.5	-3.7	-3.3	-3.2	-3.4	-3.7	-4	-14.5	-15.5	3500
3600			-1	-1	-2	-1.5	-0.7	-2.7	-0.7	-2.5	-2.9	-3.6	-2.5	-3.3	-2.8	-2.3	-2.1	-2.8	-2.7	-2.4	-2.7	-2.6	-2.4	-2.7	-2.8	-3.6	-14.5	-15.5	3600
3700			-0.5	-0.5	-1	-0.5	-0.5	-2	-0.4	-1.8	-2.6	-3	-1.8	-2	-2.1	-1.8	-1.1	-2.4	-2	-1.9	-1.9	-1.9	-1.8	-1.9	-2.25	-3	-14.5		3700
3800			0	-0.5	-0.5	0	0	-1.6	0	-1.7	-2.3	-3.5	-1.7	-1.8	-1.8	-1.7	-0.8	-2	-1.7	-1.7	-1.7	-1.8	-1.6	-1.8	-1.8	-2.65	-14.5		3800
3900			0	0	0	0	0	-1.3	0	-1.4	-1.8	-3.3	-1.6	-1.6	-1.5	-1.6	-0.6	-1.7	-1.5	-1.5	-1.6	-1.7	-1.4	-1.7	-1.7	-2.2			3900
4000			0	0	0	0	0	-0.8	0	-1.2	-1.7	-1.8	-1.6	-1.4	-1.4	-1.3	-0.5	-1.5	-1.4	-1.3	-1.5	-1.5	-1.2	-1.7	-1.6	-1.9			4000

Area 5
W-E

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	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORKINGS	
0		0	-1	-2	-1	0	-0.2	0	0	-2.5	-2	-3	-2	-2.2	-2.3	-1.5	-1.5	-2.5	-1.5	-2.1	-2	-2.3	-1.3	-1.3	-2.5	-2.2		0
100		0	-1	-2	-2	-0.5	-0.4	-0.5	0	-2.6	-2	-3	-2.2	-2.4	-2.5	-1.8	-1.7	-2.8	-1.8	-2.4	-2.2	-2.3	-1.7	-1.5	-2.7	-2.35		100
200		0	-1	-2	-2	-1.5	-0.6	-0.7	-0.2	-2.7	-2.5	-3.5	-2.4	-2.6	-2.7	-2.2	-1.8	-3.1	-2.2	-2.7	-2.4	-2.4	-2.1	-1.8	-2.9	-2.6		200
300		-0.5	-1	-2	-2.5	-2	-0.8	-1	-0.5	-2.9	-2.8	-3.7	-3	-2.8	-3	-2.6	-2.3	-3.5	-2.4	-3.1	-2.7	-2.5	-2.3	-2.2	-3.2	-2.85	-7	300
400		-0.5	-1.5	-2	-3	-2.5	-1	-1.7	-1	-3.5	-3.5	-4.1	-3.2	-3	-3.3	-2.9	-2.5	-4	-2.6	-3.4	-3	-2.7	-2.6	-2.5	-3.6	-3.2	-7	400
500		-0.5	-2	-2.5	-3.5	-3.2	-1.1	-2.3	-1.6	-4	-4.2	-4.8	-3.5	-3.5	-3.8	-3.5	-2.9	-4.5	-2.9	-3.8	-3.5	-2.9	-3	-2.9	-3.95	-3.6	-7	500
600		-1	-3	-3.2	-4	-3.5	-1.4	-2.8	-1.8	-4.2	-5.2	-5.2	-4	-4	-4.2	-4	-3.2	-5.1	-3.2	-4.2	-4.1	-3.2	-3.3	-3.2	-4.2	-4.05	-7	600
700		-1	-3	-4	-4	-3	-2	-3.1	-2.2	-4.3	-5.1	-4.9	-4.5	-4.4	-4.3	-4	-3.3	-5	-3.2	-4.1	-3.9	-3.2	-3.2	-3.1	-4.15	-3.9	-7	700
800		-1.5	-3	-4	-3.8	-2.5	-2.2	-3.2	-2	-4.3	-4.7	-5	-5	-4	-4.5	-4	-3.5	-4.6	-3.2	-3.8	-3.5	-3	-3	-3.1	-4.1	-3.9	-7	800
900		-1.5	-3	-4	-3.5	-2.5	-2.5	-3.3	-1.5	-4.1	-4.2	-5.1	-5	-3.5	-4.3	-4	-3.2	-4.2	-3	-3.3	-3.2	-2.5	-2.4	-3	-4	-3.3	-7	900
1000		-2	-3	-3.5	-3.2	-2	-2.9	-3.4	-1	-3.4	-4.1	-4.2	-4.2	-2	-3	-3.1	-1.5	-3	-2	-2	-2	-1.5	-1.63	-1.8	-2.8	-2.2	-7	1000
1100		-2	-3	-3	-2.5	-1.8	-2.8	-3.3	-0.8	-2.9	-3	-1	-1	-0.8	-1.9	-0.9	-0.9	-1	-0.9	0	-0.2	0	0	0	-0.9	-0.8	-7	1100
1200		-2	-2	-2.5	-1.5	-1.5	-2.2	-3.2	-0.6	-2.8	-0.8	-2	-1	-0.8	-1	-1	-1	-1	-0.9	-0.2	-0.5	0	0	0	-1.3	-0.8	-7	1200
1300		-2	-1	-2	-1	-1	-1.9	-3.1	-0.4	-2.9	-2	-3.2	-2.5	-1.8	-2.1	-2	-2	-1.9	-1	-1.2	-1.1	-1.1	-0.7	-0.9	-1.9	-1.5	-7	1300
1400		-1.5	-0.5	-1	-0.5	-0.5	-1.8	-2.7	-0.2	-2.8	-2.4	-2	-1.5	-0.8	-1	-1	-1.1	-1.2	-0.9	-0.7	-0.5	-0.5	-0.4	-0.3	-1.4	-1.1	-7	1400
1500		-1	-0.5	0	0	0	-1.7	-2.2	0	-2.6	-1.4	-1.2	-0.8	-0.6	-0.5	-0.5	-0.5	-0.9	-0.8	0	0	0	0	0	-0.7	-0.4	-7	1500
1600		-0.5	0	0	0	0	-1.6	-1.9		-2.7	-1	-2	-1	-1	-1	-1	-1	-1.1	-0.8	-0.3	-0.2	-0.5	-0.2	0	-1	-0.8	-7	1600
1700		0	0	0	0	0	-1.5	-1.8		-2.4	-2.2	-3	-2.2	-1.5	-2	-2	-1.5	-2.1	-1.1	-1.2	-1	-1.2	-1.1	-1.1	-1.5	-1.2		1700
1800		0	0	0	0	0	-1.4	-1.7		-2.5	-2.3	-2	-2	-1	-1	-1	-1	-1.1	-0.9	-0.7	-0.5	-1.2	-0.4	-0.3	-1.1	-1		1800
1900		0	0	0	0	0	-1.2	-1.6		-2.6	-1.8	-0.8	-0.8	-0.8	-0.8	-0.7	-0.9	-0.8	-0.8	0	0	-0.5	0	0	-0.3	-0.3		1900
2000		0	0	0	0	0	-1	-1.4		-2.4	-1.6	-0.8	-0.8	-0.6	-0.4	-0.5	-0.7	-0.6	-0.9	0	0	0	0	0	-0.2	0		2000
2100								-1.3		-2.3	-1.4	-1.5	-1	-0.8	-0.8	-0.7	-0.9	-0.8	-0.9	-0.1	0	-0.5	-0.2	0	-0.7	-0.5		2100
2200								-1.2		-2.1	-2.1	-2.2	-2	-1.8	-1.5	-1	-1	-1.3	-1.1	-1.2	-1	-1.2	-1.1	-0.2	-1.2	-1.2		2200
2300								-1		-2.3	-2.3	-2.4	-2	-1	-1	-0.9	-0.7	-1	-0.9	-1.2	-0.8	-1.1	-0.9	-0.3	-1.1	-1.2		2300
2400								-0.8		-2.2	-1.9	-2.3	-0.8	-0.8	-0.5	-0.5	-0.7	-0.8	-0.9	-0.4	-0.7	-0.8	-0.7	-0.1	-0.7	-0.4		2400
2500								-0.3		-2.3	-1.9	-3	-2	-1.3	-1	-0.9	-1	-1.3	-1	-1.5	-1	-1	-1	-0.6	-1.1	-1.2		2500

Area 6
N-S

Area 6
W-E

Area 6
W-E

	1982	1983	1984	1985	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORKINGS	
0		0	0	0	0	0	0	0	0	0	-1.2	-0.9	-0.8	-0.7	-0.7	-0.5	-0.4	-0.9	-0.6	0	0	0	0	0	-0.4	-1		0
100		0	0	0	0	0	0	0	0	0	-2	-1.5	-1.1	-0.8	-0.8	-0.5	-0.6	-1.0	-0.6	0.0	-0.2	-0.1	0	0.0	-0.7	-1.1		100
200		0	0	0	0	0	0	-0.2	0	-0.2	-2.2	-2	-1.5	-0.9	-1	-0.8	-0.8	-1.2	-0.8	-0.1	-0.4	-0.1	0	0.0	-1.0	-1.0		200
300		0	0	0	0	0	0	-0.6	0	-0.5	-2.4	-2.3	-1.7	-1.1	-1.3	-0.8	-1.0	-1.4	-0.6	-0.3	-0.6	-0.2	0	0.0	-1.2	-1.0		300
400		0	-0.5	-0.5	-0.5	-0.5	-0.2	-0.8	0	-1	-2.6	-2.5	-2	-1	-1.3	-0.9	-0.8	-1.6	-0.8	-0.3	-0.8	-0.2	0	0.0	-1.1	-1.1	-7	400
500		0	-1	-1	-1	-0.6	-0.4	-1	-0.2	-1.5	-2.8	-2.7	-2	-0.8	-1.5	-1.0	-0.8	-1.8	-0.9	-0.6	-0.9	-0.5	0	-0.1	-1.1	-1.1	-7	500
600		0	-1.5	-1.5	-1.5	-1	-0.6	-1.3	-0.5	-2.3	-3	-3	-2	-0.9	-1.8	-1.8	-1.0	-2.1	-2.0	-1.0	-1.3	-1.0	-0.3	-0.7	-1.6	-1.4	-7	600
700		0	-2	-2.2	-2	-1.4	-0.8	-1.7	-0.8	-2.5	-3.1	-3	-3	-2	-2	-1.9	-1.9	-2.6	-2.0	-1.6	-1.7	-1.4	-1.0	-1.2	-2.2	-2.0	-7	700
800		-0.5	-2	-2.2	-2.5	-1.5	-0.9	-2.3	-0.9	-2.8	-3.4	-3.7	-3	-2	-2	-2.6	-2.0	-3.0	-2.2	-1.9	-2.0	-1.4	-1.2	-1.4	-2.4	-2.0	-7	800
900		-1	-2.5	-2.5	-2.8	-1.8	-1	-2.9	-1.1	-3.2	-3.8	-3.5	-3.2	-2.5	-3	-3.2	-2.3	-3.0	-2.2	-2.0	-2.4	-2.0	-1.5	-1.8	-2.8	-2.2	-7	900
1000		-1	-2.5	-2.8	-2.5	-1.8	-1.6	-3.1	-1.6	-3.3	-4	-4	-4.2	-3.2	-3.2	-3.0	-2.5	-3.0	-2.2	-2.0	-2.6	-2.0	-1.5	-1.8	-2.7	-2.1	-7	1000
1100		-1.5	-2.5	-3.2	-2.5	-2	-2	-3.2	-1.9	-3.3	-3.9	-4.1	-4	-2.9	-3	-2.9	-2.7	-3.0	-2.4	-2.0	-2.7	-2.1	-1.7	-1.8	-2.8	-2.3	-7	1100
1200		-1.5	-2.8	-3.3	-3	-2.3	-2.2	-3.2	-1.6	-3.2	-4	-4.4	-3	-3	-2.9	-2.9	-2.9	-3.0	-2.4	-2.2	-2.8	-2.1	-1.8	-1.8	-3.0	-2.4	-7	1200
1300		-1.5	-3.2	-3.5	-3	-2.5	-2.4	-3.3	-1.4	-3.5	-4	-4.3	-4	-3.2	-3	-2.9	-3.0	-3.2	-2.5	-2.6	-2.9	-2.0	-2.1	-1.9	-3.2	-2.9	-7	1300
1400		-1.5	-3.5	-3.5	-3.2	-2.3	-2.6	-3.3	-1.2	-3.3	-3.9	-4.2	-4	-3.1	-3	-3.0	-3.3	-3.0	-2.2	-2.2	-2.7	-2.0	-1.7	-1.9	-3.1	-2.7	-7	1400
1500		-1.8	-3.2	-3.2	-3	-2	-2.9	-3.4	-1	-3.1	-4	-4	-4	-3	-3	-2.0	-2.0	-2.7	-2.0	-2.0	-2.2	-1.5	-1.3	-1.8	-2.7	-2.2	-7	1500
1600		-1.8	-3.2	-3	-3	-2	-2.8	-3.4	-0.8	-2.9	-3	-2.8	-2.5	-1.5	-2	-0.9	-1.6	-1.8	-0.9	-0.9	-1.2	-0.5	-0.4	-0.7	-1.7	-1.0	-7	1600
1700		-2	-2.8	-2.8	-3	-2	-2.7	-3.3	-0.6	-2.8	-1.5	-1.8	-1.8		-0.9	-0.9	-0.8	-1.1	-0.8	-0.4	-0.7	0.0	0.0	-0.1	-1.0	-0.8	-7	1700
1800		-2	-2.5	-2.5	-2.8	-2	-2.5	-3.3	-0.4	-2.6	-1	-1.2	-0.8		-0.8	-0.8	-0.7	-0.9	-0.8	0.0	-0.3	0.0	0.0	0.0	-0.8	-0.3	-7	1800
1900		-2	-2.5	-2.5	-2.8	-2	-2.4	-3.2	-0.2	-2.4	-1	-1.4	-0.8		-0.8	-0.8	-0.7	-0.9	-0.8	0.0	0.0	0.0	0.0	0.0	-0.6	-0.2	-7	1900
2000		-1.8	-2.5	-2.2	-2.5	-2	-2.3	-3.2	0	-2.2	-1	-1	-0.8		-0.8	-0.9	-0.8	-0.9	-0.8	0.0	0.0	0.0	0.0	0.0	-0.5	0.0	-7	2000
2100		-1.8	-2.5	-3	-2.5	-2	-2.1	-3.1	0	-2	-1	-1.3	-0.8		-0.8	-0.9	-0.7	-0.9	-0.7	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-7	2100
2200		-1.5	-2.5	-2.8	-2.5	-2	-2	-3.05	0	-2.1	-1	-1	-1		-0.9	-0.9	-0.8	-1.0	-0.7	0.0	0.0	0.0	0.0	0.0	-0.7	0.0	-7	2200
2300		-1.5	-2.5	-2.5	-2.2	-2	-1.9	-2.9	0	-2	-1	-1.5	-1	-0.9	-0.9	-0.9	-0.9	-1.0	-0.6	0.0	0.0	0.0	-0.1	0.0	-0.8	0.0	-7	2300
2400		-1.5	-2	-2.5	-2.2	-2	-1.9	-2.7	0	-1.9	-1	-1.3	-1	-0.8	-0.8	-0.8	-0.8	-0.9	-0.6	0.0	0.0	0.0	0.0	0.0	-0.6	0.0	-7	2400
2500		-1.2	-2	-2	-2	-1.5	-1.7	-2.5	0	-1.8	-0.8	-0.8	-0.7	-0.9	-0.6	-0.6	-0.7	-0.9	-0.5	0.0	0.0	0.0	0.0	0.0	-0.3	0.0	-7	2500
2600		-1.2	-2	-2	-1.5	-1.5	-1.3	-2.4	0	-1.9	-0.6	-0.5	-0.8	-0.7	-0.6	-0.7	-0.7	-0.8	-0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-7	2600
2700		-1	-2	-1.5	-1.5	-1.5	-1	-2.2	0	-1.8	-0.8	-0.8	-0.9	-0.6	-0.5	-0.8	-0.8	-0.8	-0.6	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	-7	2700
2800		-1	-2	-1.5	-1.5	-1.5	-1	-2.1	0	-1.7	-1	-1	-0.8	-0.8	-0.6	-0.8	-0.7	-0.8	-0.6	0.0	0.0	0.0	0.0	-0.1	-0.8	0.0	-7	2800
2900		-1	-2	-2	-1	-1.5	-0.9	-2.1	0	-1.8	-1.2	-1	-0.8	-0.6	-0.7	-0.9	-0.7	-0.9	-0.7	-0.1	-0.4	-0.2	-0.2	-0.3	-1.0	-0.5		2900
3000		-0.5	-2	-2	-1	-1.2	-0.8	-2	0	-1.9	-1.3	-1	-1	-0.8	-0.8	-0.9	-0.7	-1.1	-0.7	-0.4	-0.7	-0.5	-0.6	-0.5	-1.3	-0.9		3000
3100		-0.5	-2.2	-2	-1	-1	-0.7	-1.8	0	-1.8	-1.4	-1.3	-1	-0.9	-1	-1.1	-0.8	-1.1	-0.8	-0.6	-1.0	-0.7	-0.8	-0.6	-1.5	-1.2	-7	3100
3200		-0.5	-2.2	-2	-1	-1	-0.6	-1.5	0	-1.7	-1.5	-1.7	-1.5	-1	-1.2	-1.1	-0.7	-1.2	-0.8	-0.7	-1.2	-0.8	-0.9	-0.7	-1.7	-1.4	-7	3200
3300		-0.5	-2.2	-2	-1	-1	-0.5	-1.2	0	-1.6	-1.4	-1.6	-1.5	-1.1	-1.5	-0.9	-0.7	-1.1	-0.9	-0.7	-1.2	-0.8	-0.9	-0.6	-1.7	-1.5	-7	3300
3400		-0.5	-2	-2	-1	-1	-0.5	-1	0	-1.5	-1.2	-1.5	-1	-1	-1.1	-0.8	-0.6	-1.2	-0.7	-0.5	-1.1	-0.8	-0.8	-0.5	-1.4	-1.3	-7	3400
3500		-0.5	-2	-2	-1	-0.5	-0.5	-0.7	0	-1.4	-1	-1.2	-0.8	-0.9	-0.7	-0.9	-0.8	-1.1	-0.6	-0.1	-0.9	-0.8	-0.7	-0.1	-1.0	-1.2	-7	3500
3600								-0.4	0	-1.3	-0.9	-2	-1	-1	-0.9	-0.9	-0.9	-0.9	-0.7	0.0	-0.8	-0.8	-0.4	0.0	-0.6	-1.0	-7	3600
3700								-0.3	0	-1.2	-0.7	-7	-1	-1	-0.8	-0.7	-0.8	-0.8	-0.7	0.0	-0.7	-0.8	0.0	0.0	0.0	-0.8	-7	3700
3800								-0.2	0	-1	-0.7	-7	-0.8	-0.8	-0.7	-0.6	-0.7	-0.7	-0.7	0.0	-0.6	-0.8	0.0	0.0	0.0	-0.4	-7	3800
3900								-0.1	0	-0.8	-0.8	-6.8	-0.9	-0.8	-0.6	-0.7	-0.7	-0.6	-0.8	0.0	-0.4	-0.5	-0.2	0.0	0.0	-0.1	-7	3900
4000								-0.1	0	-0.6	-0.7	-7.5	-0.7	-0.7	-0.5	-0.6	-0.6	-0.6	-0.6	0.0	-0.2	-0.1	-0.5	0.0	0.0	0.0	-7	4000
4100								0	0	-0.4	-0.6	-4.8	-0.8	-0.8	-0.5	-0.6	-0.6	-0.6	-0.6	0.0	-0.1	-0.7	-0.6	0.0	0.0	-0.4	-7	4100
4200								0	0	0	-0.7	-4	-0.7	-0.7	-0.5	-0.5	-0.5	-0.7	-0.6	0.0	0.0	-0.5	-0.4	0.0	0.0	-0.8		4200

Area 11
N-S

	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WOI DC	WORKINGS CW	
0		0	0	0	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	0	0	0	-0.9	-0.5			0
100		0	0	0	0	0	0	0	0	-0.7	0	0	0	-0.5	-0.3	0	0	0	0	0	-1.1	-0.7			100
200		0	0	0	0	0	-1	-1	-0.1	-0.9	-0.9	0	0	-0.7	-0.5	-0.1	0	0	-0.1	0	-1.1	-1	-13		200
300		0	0	0	0	0	-2	-2	-0.2	-1	-1	0	0	-1	-0.6	-0.3	0	0	-0.5	0	-1.1	-1.1	-13		300
400		0	0	0	0	0	-1.8	-2	-0.3	-0.4	-1.2	0	-0.1	-1	-0.7	-0.3	0	0	-1	-0.2	-1.1	-1.1	-13		400
500		0	0	0	0	0	-2	-2.1	-0.4	-0.5	-1	0	-0.2	-1	-0.7	-0.3	0	0	-1.1	-0.2	-1.1	-1.1	-13		500
600		0	0	0	0	0	-1.8	-1.7	-0.4	-0.6	-0.9	0	-0.3	-0.9	-0.8	-0.2	0	0	-0.8	-0.3	-1.1	-0.8	-13		600
700		0	0	0	0	-0.1	-1.6	-1.2	-0.5	-0.4	-0.7	0	-0.4	-0.7	-0.8	-0.1	0	0	-0.8	-0.3	-1.1	-0.8	-13		700
800		0	-0.5	0	0	-0.2	-1.4	-0.7	-0.6	-0.8	-0.3	0	-0.5	-0.5	-0.9	-0.1	0	0	-0.9	0	-1.1	-1	-13		800
900		-0.5	-1	-0.5	0	-0.3	-1.2	-0.9	-0.7	-0.6	-0.5	0	-0.6	-0.7	-0.9	0	0	0	-0.8	0	-1.1	-0.9	-13		900
1000		-1.1	-1.5	-1	0	-0.5	-1.1	-2	-0.8	-0.8	-0.8	0	-0.7	-0.9	-0.7	0	0	0	0	0	-0.5	-0.9	-13		1000
1100		-1.5	-2.1	-1.4	0	-0.7	-0.8	-2.2	-0.9	-0.7	-0.8	0	-0.8	-0.7	-0.6	0	0	-0.8	0	0	0	0	-13		1100
1200		-2	-2.7	-1.9	0	-0.9	-0.9	-2	-0.9	-0.9	-0.5	0	-0.9	-0.7	-0.7	0	0	-0.8	0	0	0	0	-13		1200
1300		-2	-3.4	-2.4	0	-1	-1.5	-1.8	-1	-1.5	-0.4	-0.5	-1.5	-0.9	-0.8	-0.3	-0.5	0	-0.4	-0.1	-0.1	-0.7	-13		1300
1400		-2	-4	-2.3	-0.1	-1.4	-2.2	-2.2	-2	-2.4	-0.8	-0.6	-2.2	-1.3	-1.9	-1.6	-2	-1.3	-2	-1.9	-1.05	-1.9	-13		1400
1500		-2	-4.5	-1.8	-0.2	-1.6	-3.2	-2.7	-2	-2.2	-1	-0.7	-2	-2	-2.2	-2	-2.1	-2.1	-2.2	-2.2	-3	-2.5	-13		1500
1600		-2.4	-3.9	-1.6	-0.3	-1.8	-3.2	-3.2	-2.2	-2.1	-2.1	-1.1	-1.8	-2.1	-2.1	-1.7	-2.2	-2.2	-2.2	-2.2	-3.05	-3.1	-13		1600
1700		-2.7	-2.9	-1.3	-0.4	-2.2	-3.1	-3.1	-2.2	-2.3	-2.1	-1.2	-1.6	-2.1	-2	-1.3	-2.1	-2.2	-1.7	-2.1	-2.8	-3.2			1700
1800		-2	-2.1	-0.9	-0.5	-2.4	-2.9	-2.7	-1.8	-2.2	-1.9	-1.1	-1.4	-2.2	-1.3	-1	-2.1	-2.1	-0.9	-2.1	-2.5	-3.25			1800
1900		-1.9	-1.7	-0.8	-0.6	-2.6	-2.9	-3	-1.8	-2.5	-1.9	-1.2	-1.7	-2.3	-1.6	-1.2	-2.2	-2.3	-0.9	-2.2	-2.7	-3.3			1900
2000		-1.8	-1.5	-0.7	-0.7	-2.7	-3.1	-2.7	-2.2	-2.6	-1.7	-1.5	-1.9	-2.5	-2.3	-2.1	-2.7	-2.4	-1.4	-2.4	-3	-3			2000
2100		-1.8	-1.1	-0.6	-0.8	-3	-3.6	-2.9	-2.2	-2.1	-2	-1.7	-2.1	-2.7	-2.7	-2.5	-3.2	-2.6	-1.9	-2.6	-3.3	-2.8			2100
2200		-1.7	-1	-0.6	-0.9	-3.2	-3.7	-3.1	-2	-2	-2.6	-1.9	-1.9	-2.8	-2.8	-2.8	-3.3	-2.7	-2.4	-2.7	-3.6	-3.1			2200
2300		-1.7	-0.5	-0.6	-1	-3.4	-3.9	-3	-2	-2.1	-2.8	-2	-2	-2.9	-3.7	-4	-3.5	-2.8	-2.8	-2.8	-3.8	-4.1			2300
2400		-1.7	0	-0.7	-1.1	-3.5	-4.3	-3.5	-2.4	-2.5	-2.5	-5	-3	-2.9	-5	-6.2	-3.6	-2.9	-2.8	-2.8	-4.1	-5		-14	2400
2500		-1.7	0	-0.8	-1.2	-3.3	-3.8	-3.7	-2.5	-2.8	-2.2	-6	-3	-3.4	-5.8	-7	-3.8	-3	-2.7	-2.4	-4.3	-5.8		-14	2500
2600		-1.7	0	-0.8	-1.3	-3.2	-2.1	-4	-2.2	-3.2	-1.8	-4.5	-3.1	-4.5	-5	-6.2	-4	-3	-2.6	-2.2	-4.2	-5.1		-14	2600
2700		-1.7	0	-0.9	-1.2	-2.9	-1.8	-3.5	-1.5	-3.2	-1.2	-2.5	-3	-4.5	-3.5	-4.7	-4	-2.8	-2.3	-1.9	-4.05	-4		-14	2700
2800		-1.7	-0.5	-0.9	-1.1	-2.7	-1.9	-2.2	-0.8	-2	-0.9	-1	-1.4	-2.5	-2	-3.2	-3.3	-2	-1.9	-1.4	-2.5	-3		-14	2800
2900		-1.6	-1	-1	-0.9	-2.9	-2.2	-1.8	-0.7	-0.9	-0.8	-0.8	-0.8	-1.2	-1	-2.5	-2.8	-1.5	-1.6	-1.1	-1.8	-2		-14	2900
3000		-1.6	-1.5	-1.1	-0.9	-2.8	-2	-1.6	-0.8	-0.8	-1	-0.8	-0.8	-0.8	-0.9	-1.8	-2.4	-1.2	-1.4	-0.9	-0.8	-1.5	-13	-14	3000
3100		-1.5	-2.1	-1.1	-0.9	-2.7	-1.6	-1.7	-0.9	-0.9	-1.9	-0.9	-1	-0.8	-0.9	-1.6	-2	-1	-1.5	-0.9	-0.8	-1.2	-13	-14	3100
3200		-1.5	-2.5	-1.2	-0.8	-2.5	-1.8	-1.4	-0.8	-0.7	-1.7	-0.9	-1	-0.9	-1	-1.5	-1.9	-1	-1.4	-0.9	-1	-1.2	-13	-14	3200
3300		-1.4	-3	-1.2	-0.7	-2.8	-2.2	-1.5	-0.9	-0.9	-0.9	-0.7	-0.8	-1	-1.1	-1.3	-1.8	-0.9	-1.2	-1	-1.4	-1.6	-13	-14	3300
3400		-1.3	-3.2	-1.3	-0.7	-2.7	-2.2	-1.7	-0.8	-0.8	-0.7	-0.6	-0.6	-1	-1.1	-1.1	-1.8	-0.8	-0.9	-0.9	-1.7	-1.6	-13	-14	3400
3500		-1.2	-3.5	-1.4	-0.7	-2.6	-1.8	-1.8	-0.9	-0.9	-0.9	-1.2	-0.8	-1	-1	-1.3	-1.8	-1.1	-0.8	-0.8	-1.7	-1.7	-13	-14	3500
3600		-1.1	-3.7	-1.5	-0.8	-2.7	-2.2	-2.5	-1.5	-1	-2.1	-2.5	-1.7	-1.8	-1.9	-2	-2	-1.8	-0.9	-0.8	-2.2	-2.3	-13	-14	3600
3700		-0.9	-3.9	-1.6	-0.9	-2.5	-3	-3.2	-2.2	-1.7	-3.2	-3	-2.8	-2.5	-2.4	-2.5	-2.5	-2.3	-1.1	-0.9	-2.8	-3.1	-13	-14	3700
3800		-0.7	-4.2	-1.7	-1.1	-2.4	-3.3	-3.8	-3.3	-2	-3.4	-3	-3.1	-3	-2.5	-2.9	-3	-2.5	-1.3	-1.1	-3.3	-3.5	-13	-14	3800
3900		-0.5	-4.7	-1.8	-1.4	-2.6	-3.7	-4.1	-3.3	-3	-3.4	-3	-2.9	-3.1	-3	-3.1	-2.9	-2.6	-1.6	-1.3	-3.6	-3.9	-13		3900
4000		-0.1	-5.2	-1.9	-1.6	-2.5	-4	-4.3	-3.3	-3.1	-3.4	-3	-2.7	-3.2	-3.2	-3.3	-2.8	-2.7	-1.8	-1.5	-3.8	-4.1	-13		4000
4100		0	-5.8	-2	-1.8	-2.7	-3.9	-4.5	-3.4	0.1	-3.5	-3	-2.4	-3.3	-3.2	-3.4	-2.8	-2.7	-2.2	-1.7	-3.8	-3.95	-13		4100
4200		0	-6	-2.1	-2	-2.3	-3.8	-4.6	-3.4	-3.3	-3.5	-2.5	-2.2	-3.5	-3.1	-3.5	-2.8	-2.6	-2.5	-1.9	-3.7	-3.75	-13		4200
4300		0	-4.8	-2.2	-2.2	-2.5	-3.6	-4.5	-3.4	-3.4	-3.5	-2.7	-2.4	-3.4	-3	-3.6	-2.8	-2.5	-2.7	-2.2	-3.6	-3.5	-13		4300
4400		0	-3	-2.3	-2.4	-2.7	-3.4	-4.8	-3.5	-3.6	-3.6	-2.5	-2.6	-3.3	-2.8	-3.5	-2.8	-2.4	-3	-2.4	-3.7	-3.25	-13		4400
4500		0	-1.8	-2.4	-2.7	-2.8	-3.2	-4.9	-3.6	-3.5	-3.7	-2.4	-2.8	-3.2	-2.8	-3.4	-2.9	-2.3	-3.2	-2.6	-3.8	-3	-13		4500
4600		0	-1.5	-2.5	-2.6	-2.7	-3	-5	-3.7	-3.4	-3.8	-2.2	-3.1	-3.1	-2.8	-3.3	-2.9	-2.2	-3.4	-2.8	-3.9	-2.3	-13		4600
4700		0	-1.1	-2.7	-2.5	-2.9	-2.7	-5.3	-3.8	-3.9	-3.8	-3.1	-3.2	-3.1	-3.1	-3.3	2.9	-2.2	-3.5	-3	-4.3	-1.7	-13		4700
4800		0	-0.7	-2.9	-2.4	-3	-2.5	-5.5	-3.9	-3.8	-3.9	-3.1	-3.4	-3.3	-3.5	-3.5	-3.3	-2.1	-3.7	-3.4	-4.7	-1.3	-13		4800
4900		0	-0.5	-3	-2.3	-3.4	-1.8	-5.7	-4	-3.9	-4.2	-4.2	-3.6	-3.7	-3.9	-3.8	-3.7	-3.4	-3.9	-3.8	-5.1	-2	-13		4900
5000		0	-0.7	-3.1	-2.2	-3.5	-2	-5.9	-4.8	-4.4	-5	-5.1	-3.8	-4.5	-4.5	-4.4	-4.3	-3.9	-4.6	-4.4	-5.7	-3	-13		5000
5100		0	-1	-3.2	-2.2	-3.8	-4	-6.7	-5.5	-5.5	-5.6	-6	-4.6	-5.5	-5.4	-5.5	-5.2	-4.7	-5.2	-5.1	-6.5	-4.5	-13		5100
5200		-0.5	-1.5	-3.1	-2.4	-4.1	-6	-7.8	-6.2	-6.7	-6.4	-6.9	-5.4	-6.7	-6.6	-6.8	-6.2	-5.6	-6.1	-6	-7.4	-6	-13		5200
5300		-1	-2	-3	-2.6	-4.2	-7.2	-8.9	-6.8	-7.8	-7.1	-7.9	-6.5	-8	-7.6	-8.1	-7.3	-6.5	-7.1	-6.9	-8.4	-7.3	-13	-14	5300
5400		-1.1	-2.8	-2.9	-2.8	-4.4	-8	-9.5	-7.6	-8.5	-8.1	-8.5	-7.5	-9	-8.6	-9.2	-8.3	-7.6	-8.1	-7.8	-9.3	-8.4	-13	-14	5400
5500		-1.2	-3.5	-2.9	-3	-4.3	-8.8	-10.3	-8.5	-9.2	-8.6	-9.5	-8.3	-10	-9.4	-9.9	-9.3	-8.3	-8.9	-8.9	-10.1	-9.4	-13	-14	5500
5600		-1.3	-3.2	-3.1	-3.2	-4.2	-9.5	-11	-9	-10	-9.2	-10.9	-8.8	-10.8	-10.2	-10.6	-10	-9.3	-9.7	-9.8	-10.8	-10.3	-13	-14	5600
5700		-1.3	-2.8	-3.1	-3.4	-4.2	-10.4	-12.2	-10.2	-10.9	-10.1	-12	-10	-11.2	-10.9	-11.2	-10.7	-10.2	-10.3	-10.7	-11.4	-11.25	-13	-14	5700
5800		-1.3	-2.4	-2.8	-3.2	-4.1	-11.2	-12.9	-11.2	-11.3	-11.1	-12	-10.5	-11.3	-11.3	-11.4	-11.2	-10.8	-10.9	-11.2	-11.9	-11.9	-13	-14	5800
5900		-1.3	-2	-2.4	-3	-3.8	-11.2	-12.4	-11.3	-11.2	-11	-12.5	-10.5	-11.2	-11.2	-11.3	-11.2	-10.9	-11.2	-11.2	-12	-11.8	-13	-14	5900
6000		-1.3	-1.7	-1.8	-2.8	-3.2	-10.9	-12	-10.9	-11	-10.5	-10.9	-10.1	-11.1	-10.6	-10.8	-10.8	-10.6	-11	-10.7	-11.5	-11.4	-13	-14	6000
6100		-1.3	-1.4	-1.6	-2.2	-2.8	-10.2	-11.5	-10.3	-10.7	-10	-10	-9.8	-11	-10	-10	-10.3	-10.2	-10.6	-10.1	-11	-10.8	-13	-14	6100
6200		-1.3	-1	-1.4	-1.8	-2.6	-9.5	-10.9	-9.8	-10	-9.3	-9.5	-9	-10.5	-9.3	-9.5	-9.8	-9.8	-9.9	-9.3	-10.3	-10.2	-13	-14	6200
6300		-1.2	-0.7	-1.2	-1.2	-2.1	-8.7	-10.2	-9	-9.2	-8.9	-9	-8.5	-10	-8.7	-8.9	-9.3	-9.2	-9.3	-8.9	-9.75	-9.6	-13	-14	6300
6400		-1.1	-0.5	-1	-0.8	-1.8	-7.7	-9.6	-8.5	-8.6	-8.4	-8.2	-7.9	-9.4	-8.3	-8.3	-8.9	-8.8	-8.5	-8.3	-9.2	-9.1	-13	-14	6400

6500	-1	0	-0.8	-0.7	-1.5	-6.7	-9	-7.9	-8	-7.9	-7.5	-7.4	-9	-7.8	-7.8	-8.4	-8	-7.7	-7.7	-8.6	-8.6	-14	6500
6600	-0.5	0	-0.6	-0.5	-1.4	-5.8	-8.7	-7.4	-7.5	-7.5	-7.1	-7.8	-8.5	-6.8	-7.3	-7.9	-7.3	-6.8	-7.1	-8	-7.95	-14	6600
6700	0	0	-0.3	-0.4	-1.2	-4.6	-8.3	-6.8	-6.8	-6.9	-6.7	-6.5	-7.9	-6.6	-6.8	-7.8	-6.9	-6.2	-6.6	-7.5	-7.6	-14	6700
6800	0	0	0	-0.3	-0.8	-3.7	-7.8	-6.7	-6.7	-6.7	-6.7	-6	-7.6	-6.5	-6.6	-7.6	-6.5	-5.8	-6.1	-7.2	-7.4	-14	6800
6900	0	0	0	-0.2	-0.6	-2.7	-7.7	-6.5	-6.5	-6.5	-6.7	-5.8	-7.4	-6.3	-6.4	-7.4	-6.3	-5.7	-5.8	-6.9	-7.25	-14	6900
7000	0	0	0	0	-0.5	-2	-7.5	-6.5	-6.4	-6.4	-6.7	-5.7	-7.3	-6.2	-6.3	-7.2	-6.1	-5.6	-5.6	-6.8	-7.1	-14	7000

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	1986	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	DC	CW	
0		0	0	0	0	-1.2	-2.5	-2.2	-2.2	-2.2	-1.5	-1.8	-1.2	-2.3	-2	-2.1	-1.6	-2	-1.5	-2.4	-2.5	-2.7			0
100		0	0	0	-0.2	-1.4	-2.6	-2.4	-2.1	-2.1	-1.6	-1.9	-1.1	-2.5	-1.7	-2	-1.4	-1.7	-1.6	-2.3	-2.6	-3.3			100
200		0	0	0	-0.3	-1.8	-2.6	-2.6	-2	-2.4	-1.7	-2	-1	-2.7	-1.6	-1.9	-1.3	-1.3	-1.7	-2.2	-2.7	-4.3			200
300		0	-0.2	0	-0.5	-2	-2.7	-2.5	-1.8	-2.7	-1.8	-2	-0.6	-2.8	-1.4	-1.9	-1.2	-1.2	-1.8	-2.1	-2.8	-6			300
400		0	-0.6	0	-0.7	-2.2	-2.7	-2.6	-1.9	-3	-2	-2.3	-0.8	-3.1	-1.6	-2.2	-1.3	-1.1	-1.9	-1.9	-2.9	-7.9			400
500		0	-1.1	-0.2	-0.9	-2.4	-2.8	-2.8	-2.3	-3.2	-2.4	-2.5	-1.5	-3.7	-2	-2.6	-1.9	-1.1	-2.2	-2.1	-3	-10.1			500
600		0	-1.6	-0.4	-1.2	-2.6	-2.8	-3.5	-3	-3	-2.8	-2.8	-2.5	-4.1	-2.9	-3.2	-2.75	-1.4	-2.5	-2.4	-3.4	-9.2			600
700		0	-2.1	-0.6	-1.4	-2.8	-2.9	-4.2	-3.7	-3.3	-2.2	-3.5	-3.2	-4.4	-3.4	-3.7	-3.5	-1.9	-2.8	-2.8	-3.75	-8.4			700
800		0	-2.6	-0.8	-1.6	-2.9	-3.2	-5	-4.5	-3.8	-2.9	-4.5	-3.9	-4.9	-4.2	-4.2	-4.2	-2.4	-3.3	-3.4	-4.3	-7.7	-13	-14	800
900		0	-3.1	-1.1	-1.8	-3	-3.8	-5.6	-5.4	-5	-4.8	-5.5	-4.5	-5.3	-4.9	-4.7	-4.8	-3.2	-3.9	-4.1	-4.9	-7.3	-13	-14	900
1000		0	-3.5	-1.6	-2	-3.1	-4.8	-6.4	-6.3	-6	-5.9	-6.7	-5.3	-6	-5.6	-5.3	-5.5	-4.1	-4.6	-4.9	-5.8	-6.8	-13	-14	1000
1100		0	-3.2	-2.1	-2.5	-3.2	-5.8	-6.8	-7.2	-6.4	-7	-7.4	-6.2	-6.9	-6.3	-6.1	-6.2	-5.1	-5.4	-5.8	-6.75	-7	-13	-14	1100
1200		0	-3	-2.3	-3.1	-3.4	-6.4	-7.6	-7.8	-6.8	-7.4	-7.8	-6.8	-7.8	-7.2	-7.1	-7	-6.2	-6.4	-6.6	-7.75	-7.3	-13	-14	1200
1300		0	-2.7	-2.5	-3.2	-3.6	-7.2	-8.3	-8.2	-7.5	-8	-8.4	-7.5	-8.5	-7.8	-7.8	-7.6	-7	-7.3	-7.5	-8.4	-7.9	-13	-14	1300
1400		-0.5	-2.5	-2.8	-3.6	-3.8	-8.2	-9.3	-8.6	-8.2	-9	-8.5	-8.1	-9.1	-8.2	-8.4	-8.2	-7.8	-8.2	-8.1	-9.1	-8.4	-13	-14	1400
1500		-1.1	-2.9	-2.9	-3.4	-4	-8.9	-10	-8.7	-8.5	-9.2	-8.5	-8.4	-9.5	-8.7	-9.1	-8.7	-8.2	-8.8	-8.6	-9.4	-9	-13	-14	1500
1600		-1.1	-3.2	-2.8	-3.2	-4.5	-9	-10.2	-8.5	-8.9	-9.1	-8.1	-8.2	-9.6	-9	-9.4	-9	-8.3	-8.9	-8.7	-9.7	-9.2	-13	-14	1600
1700		-1.1	-3.5	-2.6	-3	-4.2	-8.5	-9.6	-8	-8.9	-8.5	-7.5	-7.6	-9.6	-9	-9.4	-9.1	-8.1	-8.4	-8.2	-9.7	-9	-13	-14	1700
1800		-1.2	-3.3	-2.2	-2.5	-4	-8	-9.2	-7.7	-8.6	-7.6	-7	-7	-9.4	-8.9	-9.4	-9	-7.7	-7.9	-7.9	-9.5	-8.5	-13	-14	1800
1900		-1.3	-2.8	-1.8	-2.2	-3.6	-7.7	-8.8	-7.2	-8.2	-7	-6	-6	-9.2	-8.2	-9.2	-8.5	-7	-7.1	-7	-9.1	-8.1	-13	-14	1900
2000		-1.3	-2.5	-1.4	-1.8	-3.2	-7	-8.2	-6.8	-7.4	-5.9	-5.5	-5.2	-8.4	-7.6	-8	-7.7	-6.1	-6.4	-6.1	-8.1	-7.1	-13	-14	2000
2100		-1.2	-2	-1	-1.3	-3.1	-5.8	-7	-6	-6	-5	-5	-4.2	-6.9	-6	-6.5	-6.2	-5.1	-5.6	-5.2	-6.7	-6		-14	2100
2200		-1.1	-1.3	-0.8	-0.9	-3	-5	-5	-4.8	-5	-4.8	-5.2	-3.9	-5.9	-5	-5	-5	-4.5	-4.9	-4.5	-5.4	-5.2		-14	2200
2300		-1.1	-0.7	-0.6	-0.8	-2.9	-5	-6	-5	-5	-5	-5.5	-3.6	-5	-4.6	-4.4	-4.7	-4.4	-4.8	-4.2	-5	-5.3		-14	2300
2400		-1	-0.2	-0.6	-0.7	-2.8	-5	-6.2	-5	-5	-5.1	-5	-4.2	-5	-4.6	-4.4	-4.4	-4.5	-4.7	-4.1	-5	-5.5		-14	2400
2500		-0.8	0	-0.8	-0.6	-2.7	-4.5	-5.8	-4.2	-5	-5	-4.5	-5	-4.9	-4.5	-4.3	-4.2	-4.3	-4.4	-3.9	-4.75	-5.25		-14	2500
2600		-0.8	0	-1.2	-0.5	-2.6	-4	-5	-4	-4.7	-4.8	-4.2	-4.6	-4.8	-4.3	-4.2	-4.1	-4	-4.1	-3.8	-4.6	-5		-14	2600
2700		-0.8	-0.5	-1.3	-0.4	-2.5	-3.7	-5	-3.8	-4.2	-4.5	-4	-4	-4.6	-4	-4.2	-3.9	-4	-3.9	-3.6	-4.4	-4.95		-14	2700
2800		-0.8	-1	-1.5	-0.3	-2.4	-3.5	-4.8	-3.5	-3.7	-4.2	-3.9	-3.6	-4.4	-3.7	-4.2	-3.7	-4	-3.8	-3.4	-4.15	-5		-14	2800
2900		-1	-1	-1.3	-0.2	-2.3	-3.2	-4.2	-3.2	-3.2	-3.8	-3.5	-3.1	-4.2	-3.3	-4	-3.5	-3.8	-3.6	-3.1	-3.8	-5.1		-14	2900
3000		-1.2	-1.5	-1.1	-0.1	-2.2	-3.2	-3.8	-3	-3	-3.1	-3.9	-2.9	-4	-3.1	-3.5	-3.4	-3.4	-3.3	-2.8	-3.5	-4.8		-14	3000
3100		-1.4	-1.5	-0.9	0	-2.1	-3.3	-3.8	-2.9	-3	-3.1	-4.2	-2.8	-4	-3.3	-2.7	-3.3	-3	-3.1	-2.7	-3.3	-4.5			3100
3200		-1.6	-1.5	-0.7	0	-2	-3.2	-4.2	-2.7	-3.1	-3.3	-4.2	-2.6	-4.1	-3.4	-1.6	-3.2	-2.8	-2.8	-2.6	-3.1	-4.1			3200
3300		-1.4	-1	-0.5	0	-1.8	-3.3	-4.2	-2.7	-3	-3.2	-3.5	-2.3	-4	-3.3	-0.8	-2.8	-2.6	-2.6	-2.4	-2.8	-3.7			3300
3400		-1.1	-0.5	-0.5	0	-1.6	-3.2	-3.8	-2.4	-2.3	-2.8	-2.5	-2	-3.4	-3	-1.3	-2.6	-2.4	-2.4	-2.2	-2.6	-3.4			3400
3500		-0.7	0	-0.7	0	-1.4	-3.1	-3	-2.2	-1.9	-2.4	-2.5	-1.6	-2.9	-2.6	-2.1	-2.4	-2.2	-2.3	-2.1	-2.35	-3			3500

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	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORI	TOPO	
0			-1.5	0	-1.5	-1.1	-1	-0.8	-0.7	0	0	0	0	0	0	0	0	0	0	-0.1	0		8990	0
100			-2.2	0	-1.5	-1.1	-0.9	-0.8	-0.6	0	0	0	0	0	0	0	0	0	0	-0.1	0		8980	100
200			-3.5	0	-1.5	-1.2	-0.8	-0.8	-0.8	-0.1	0	0	-0.1	-0.1	0	0	0	0	0	-0.1	-0.1		8975	200
300			-4.1	0	-1.6	-1.3	-0.8	-0.8	-0.7	-0.2	0	0	-0.2	-0.2	0	0	0	0	0	-0.1	-0.2		8970	300
400			-3.5	0	-1.6	-1.4	-1	-0.8	-0.8	-0.3	0	0	-0.3	-0.3	0	0	0	0	0	-0.2	-0.2		8960	400
500	0	0	-2.7	0	-1.6	-1.5	-2	-0.8	-0.8	-0.3	0	0	-0.4	-0.4	0	0	0	0	0	-0.4	-0.2		8950	500
600	0	0	-2	0	-1.7	-1.6	-2	-0.8	-0.7	-0.4	0	0	-0.4	-0.4	0	0	0	0	-0.1	-0.6	-0.2		8900	600
700	0	0	-1.9	0	-1.7	-1.7	-2	-0.8	-0.5	-0.5	0	0	-0.5	-0.5	0	0	0	0	-0.2	-0.9	-0.2		8850	700
800	0	0	-1.8	0	-1.7	-1.8	-1.4	-0.8	-0.7	-0.6	0	0	-0.6	-0.6	0	0	0	0	-0.5	-1	-0.2	-16	8840	800
900	0	-0.2	-1.9	0	-1.8	-1.9	-0.9	-0.8	-0.6	-0.7	-0.2	-0.2	-0.7	-0.7	0	0	0	0	-0.6	-0.8	-0.2	-16	8860	900
1000	0	-0.4	-2.1	0	-1.8	-2	-2.2	-0.8	-0.7	-0.8	-0.3	-0.3	-0.8	-0.8	0	0	0	0	-1	-0.7	-0.1	-16	8870	1000
1100	0	-0.6	-2.5	0	-1.8	-2.1	-1.8	-0.8	-0.5	-0.9	-0.4	-0.4	-0.9	-0.9	0	0	0	0	-2.1	-0.5	0	-16	8830	1100
1200	0	-0.7	-2.5	-0.5	-1.9	-2	-2	-0.8	-0.6	-0.9	-0.5	-0.5	-0.9	-0.9	0	0	0	0	-1.6	-0.3	0	-16	8840	1200
1300	0	-0.6	-2.6	-0.6	-1.9	-1.8	-2.2	-0.8	-0.7	-0.8	-0.7	-0.6	-0.8	-0.8	0	0	0	0	-0.8	-0.2	-0.1	-16	8870	1300
1400	0	-0.6	-2.7	-0.7	-1.9	-1.6	-2	-0.8	-0.9	-0.7	-0.8	-0.7	-0.8	-0.8	0	0	0	0	-0.2	-0.2	0	-16	8850	1400
1500	0	-0.5	-2.8	-0.8	-1.9	-1.3	-1	-0.8	-0.8	-0.7	-0.8	-0.8	-0.7	-0.7	0	0	0	0	0	-0.1	0	-16	8750	1500
1600	0	-0.5	-2.9	-1	-1.9	-0.8	-0.8	-0.8	-0.8	-0.8	-0.5	-0.9	-0.8	-0.8	0	0	0	0	0	0	0	-16	8700	1600
1700	0	-0.6	-3	-1.5	-2.5	-1	-0.7	-0.8	-0.9	-0.8	-0.7	-0.8	-0.8	-0.8	0	0	0	0	0	0	0	-16	8680	1700
1800	0	-0.7	-3.5	-2	-4.5	-1.2	-0.7	-0.8	-1	-1.5	-0.9	-0.9	-0.9	-0.9	0	0	0	0	0	0	0	-16	8670	1800
1900	0	-1	-4	-1	-3.5	-1.4	-0.8	-2	-7	-7.2	-5	-5	-4	-1.5	-1.5	-2	-1.5	-0.1	0	-2	-3.8	-16	8650	1900
2000	0	-1.4	-4.2	-0.8	-2.8	-1.6	-0.7	-3.5	-7	-6	-7	-5	-5	-3	-2	-2.1	-3	-1.8	-1.1	-3.8	-3	-16	8530	2000
2100	0	-1.8	-4.4	-0.6	-2.8	-1.8	-0.8	-1.5	-1.8	-0.9	-0.8	-0.9	-2	-1.3	0	-1	-1.5	0	-0.8	-2.3	-1.3	-16	8440	2100
2200	0	-2.5	-4.7	-0.5	-2.7	-1.9	-0.7	-1	-1	-0.9	-0.8	-0.7	-0.9	-0.9	0	-0.7	-0.8	0	-0.9	-1.7	-0.8	-16	8350	2200
2300	0	-3	-4.9	-0.4	-2.6	-2	-0.8	-0.8	-0.9	-0.8	-0.7	-0.8	-0.9	-0.9	0	-0.7	-0.8	0	-1.9	-1.9	-1.7	-16	8330	2300
2400	-0.1	-4.2	-5.3	-0.2	-2.5	-3	-0.9	-5	-5	-5	-4	-6	-5	-1.9	-3	-2	-2.5	-1.1	-3.7	-3.9	-3.1	-16	8320	2400
2500	-0.7	-4.3	-5.8	-0.1	-2.4	-3	-1	-5.2	-15	-14	-14	-15	-12	-13	-12.5	-13	-13	-12.1	-13.1	-14	-10.5	-16	8370	2500
2600	-1.1	-3.5	-6	0	-1.8	-0.8	-1.5	-5	-10	-10	-8	-6	-7	-7.9	-7.5	-7.5	-9	-6.5	-8.2	-7.6	-5.5	-16	8650	2600
2700	-1.7	-2.7	-4.4	0	-1.7	-0.6	-2	-0.8	-1	-0.8	-0.7	-0.8	-2	-1.9	-1	-2	-2	0	-2	-2	-1	-16	8700	2700
2800	-1.3	-2.7	-3.2	0	-1.8	-0.6	-2.2	-0.8	-1	-0.4	-0.4	-0.7	-0.9	-0.7	-0.5	-0.7	-0.5	0	-0.5	-0.3	0	-16	8780	2800
2900	-1.4	-3.2	-2.5	0	-1.9	-2	-2	-2	-1.5	-1.5	-1	-1.1	-2	-1.8	-2.2	-1.8	-1.6	-0.8	-1.8	-1.3	-0.2	-16	8830	2900
3000	-1.4	-3.1	-1.9	0	-2	-2.2	-2.5	-2.8	-3	-2	-2	-2.1	-5	-3	-3.5	-3.5	-3.2	-2.1	-3.1	-3.1	-2.2	-16	8870	3000
3100	-1.2	-2.2	-1.8	0	-2.1	-1	-1	-1	-1	-1.8	-1	-0.9	-1.4	-1	-0.5	-1	-1	0	-0.2	-0.9	-0.5	-16	8860	3100
3200	-1.2	-2	-1.7	0	-2.2	-0.9	-1	-0.8	-0.9	-0.7	-0.7	-0.9	-0.9	-0.9	-0.6	-0.8	-0.8	0	0	-0.7	0	-16	8850	3200
3300	-1.2	-1.8	-1.6	0	-2	-0.7	-0.8	-0.8	-0.9	-0.8	-0.5	-0.8	-0.8	-0.6	-0.7	-0.6	-0.9	0	-0.2	-0.6	-0.1	-16	8830	3300
3400	-1.2	-1.7	-1.6	0	-1.9	-0.6	-0.7	-0.8	-1	-0.6	-0.5	-0.8	-0.8	-0.6	-0.8	-0.4	-0.4	0	-0.2	-0.9	-0.3	-16	8850	3400
3500	-1.7	-1.5	-1.5	0	-1.8	-0.7	-0.8	-0.9	-1.5	-0.5	-0.7	-0.8	-0.9	-0.8	-0.9	-0.2	0	0	0	0	-0.4	-16	8910	3500
3600	-1.5	-1.7	-1.4	0	-1.9	-0.8	-1	-1	-1.9	-0.5	-0.9	-0.9	-1	-1	-1	-0.7	0	0	-0.7	-0.4	-0.3	-16	8950	3600
3700	-2	-1.8	-1.2	0	-2	-1	-2	-1.4	-2.1	-0.7	-2	-1	-1.3	-1.5	-1.4	-1	-0.1	0	-1	-1	-0.4	-16	8960	3700
3800	-3	-2	-1.1	0	-2.5	-1.2	-1.2	-1	-1	-0.5	-1.5	-0.9	-1.7	-1.4	-1.4	-1	-0.4	-0.1	-1.2	-1.2	-0.6	-16	8930	3800
3900	-3	-3	-2	0	-3	-0.7	-0.8	-1.4	-1.5	-0.9	-1.5	-1	-2	-1.9	-2	-1.5	-0.8	-0.6	-1.9	-1.7	-1	-16	8860	3900
4000	-4	-4.4	-4	0	-3.8	-2.8	-2	-2	-3	-1	-2	-2.2	-3	-3.2	-4	-3.2	-2.5	-2.2	-3.1	-3.1	-3	-16	8830	4000
4100	-3.7	-5.1	-6	0	-3.5	-2.5	-1.5	-1.5	-1	-0.9	-1.4	-0.9	-2	-3.2	-3.2	-2.7	-1.7	-1.7	-3.1	-2.8	-2.2	-16	8760	4100
4200	-3.2	-5.1	-5.2	0	-3.1	-4	-4	-2	-2	-1.1	-1.8	-1	-2	-3.9	-4	-3	-2	-2.2	-3.8	-3.2	-2.95	-16	8690	4200
4300	-2.8	-5.1	-4.3	0	-3	-3	-3	-3.2	-3.2	-1.9	-3	-3	-3	-3	-3	-2.6	-2	-1.8	-3.8	-3	-2.2	-16	8620	4300
4400	-2.5	-5.1	-3.5	0	-1.8	-1	-1	-4	-2	-0.9	-1.5	-1	-0.9	-1	-1	-0.7	0	0	-2.2	-0.8	-0.8	-16	8470	4400
4500	-2	-4.7	-2.7	0	-1.5	-0.9	-0.9	-0.8	-0.8	-0.8	-0.7	-0.7	-0.8	-0.8	0	0	0	0	-1.7	0	0	-16	8390	4500
4600	-1.4	-3.8	-2.1	0	-1	-0.8	-0.8	-0.8	-0.7	-0.8	-0.6	-0.6	-0.7	-0.7	0	0	0	0	-1.2	0	0	-16	8330	4600
4700	-0.6	-2.5	-1.8	0	-0.8	-0.8	-0.8	-0.8	-0.7	-0.7	-0.5	-0.5	-0.6	-0.6	0	0	0	0	-0.9	0	0		8280	4700
4800	-0.1	-1	-1.6	0	-0.6	-0.6	-0.7	-0.6	-0.6	-0.7	-0.4	-0.4	-0.5	-0.5	0	0	0	0	-0.8	0	0		8250	4800
4900	0	-0.3	-1.4	0	-0.5	-0.6	-0.5	-0.5	-0.6	-0.6	-0.3	-0.3	-0.4	-0.4	0	0	0	0	-0.9	0	0		8200	4900
5000	0	0	-1.1	0	-0.4	-0.5	-0.6	-0.5	-0.6	-0.6	-0.2	-0.2	-0.3	-0.3	0	0	0	0	-0.8	0	0		8170	5000
5100	0	0	-0.8	0	-0.3	-0.3	-0.7	-0.6	-0.5	-0.5	-0.1	-0.1	-0.2	-0.2	0	0	0	0	-0.5	0	0		8150	5100
5200	0	0	-0.6	0	-0.2	-0.2	-0.8	-0.7	-0.6	-0.5	0	0	-0.1	-0.1	0	0	0	0	-0.7	0	0		8080	5200
5300	0	0	-0.4	0	-0.1	-0.1	-0.8	-0.8	-0.7	-0.5	0	0	0	0	0	0	0	0	-0.9	0	0		8000	5300
5400	0	0	-0.2	0	0	0	-1	-0.8	-0.7	-0.4	0	0	0	0	0	0	0	0	-0.8	0	0		7890	5400
5500	0	0	0	0	0	0	-1.1	-0.8	-0.6	-0.4	0	0	0	0	0	0	0	0	-0.5	0	0		7660	5500

Area 14
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	1987	1988	1989	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORI	TOPO	
0	0	0	-1.5	0	-1.5	-1.6	-1	-0.8	-0.7	-0.6	-0.8	-0.8	-1	-0.9	-0.2	-0.7	-0.5	-0.1	-0.6	-0.7	-0.7		9118	0
100	0	0	-1.7	0	-1.6	-1.8	-1	-0.8	-0.7	-0.6	-0.9	-0.9	-1.3	-1	-0.4	-0.9	-0.2	0	-0.9	-0.9	-0.8		9130	100
200	0	-0.2	-2	0	-2.1	-1.9	-1.5	-0.8	-0.8	-0.7	-1	-0.8	-1.9	-1	-0.9	-1.2	-0.8	-0.2	-1	-1.1	-1.3		9132	200
300	0	-0.7	-2.3	0	-2	-2.1	-1.4	-0.8	-0.9	-0.8	-0.9	-0.7	-2	-1.3	-1	-1.3	-0.9	-0.3	-1.1	-1.3	-1.5		9115	300
400	0	-1	-2.7	0	-2.1	-1.8	-1.3	-0.8	-0.8	-0.6	-0.8	-0.5	-1	-0.9	-0.5	-0.7	-0.2	0	-0.6	-0.8	-0.8		9080	400
500	0	-1.2	-3.1	0	-2.2	-1.6	-1	-0.8	-1.1	-0.7	-0.7	-0.6	-0.6	-0.7	0	0	0	0	0	0	0		9040	500
600	0	-1.4	-3.2	0	-2.3	-1.6	-0.8	-0.9	-1.5	-0.8	-0.7	-0.8	-0.8	-0.6	-0.5	0	0	0	0	-0.4	0	-8	9000	600
700	-0.9	-1.6	-3	0	-2.5	-2.1	-1.8	-1	-2	-1.5	-1.4	-1.1	-1.2	-1	-0.9	-0.8	-0.8	0	-0.4	-0.9	-0.7	-8	8950	700
800	-1.3	-2.1	-2.3	0	-2.6	-2.4	-2.4	-2.5	-3.5	-2.3	-2.5	-1.8	-3	-2	-2	-2	-1.9	-0.7	-1.9	-1.8	-1.7	-8	8940	800
900	-1.6	-2.6	-1.9	0	-2.4	-2.4	-3.1	-3	-3.5	-2.5	-3.2	-2.1	-4	-3.7	-3	-3.2	-3.2	-2.2	-3.2	-3.2	-3.2	-8	8920	900
1000	-1.7	-3.2	-1.8	0	-2.1	-2.1	-3.5	-3	-3	-2.2	-2.2	-1	-4	-2.5	-3	-3	-3.1	-2.1	-3.1	-3.1	-3.1	-8	8890	1000
1100	-1.9	-3.6	-1.7	0	-1	-0.7	-0.8	-0.8	-1	-0.9	-0.8	-0.8	-0.8	-0.8	-0.3	0	0	0	0	0	0	-8	8850	1100
1200	-2	-3.6	-1.7	0	-0.8	-0.7	-0.7	-0.8	-0.8	-3.1	-0.5	-0.7	-0.7	-0.7	0	0	-0.8	0	0	0	0	-8	8780	1200
1300	-2.2	-2.8	-1.8	0	-0.7	-0.7	-0.7	-0.7	-0.7	-2.3	-0.7	-0.6	-0.6	-0.6	0	0	-2.2	0	0	0	0	-8	8660	1300
1400	-2.4	-2.7	-1.9	0	-0.7	-0.6	-0.6	-0.7	-0.8	-1.9	-0.8	-0.5	-0.5	-0.5	0	0	0	0	0	0	0	-8	8440	1400
1500	-2.6	-2.5	-2.1	0	-0.7	-0.7	-1	-0.8	-0.6	-0.7	-0.8	-0.4	-0.4	-0.4	0	0	0	0	0	0	0	-8	8350	1500
1600	-2.8	-2.3	-2.3	0	-0.6	-0.7	-0.9	-0.8	-0.7	-0.7	-0.7	-0.3	-0.3	-0.3	0	0	0	0	0	0	0	-8	8300	1600
1700	-2.6	-2.1	-2.5	0	-0.6	-0.6	-0.7	-0.7	-0.8	-0.6	-0.6	-0.6	-0.2	-0.2	0	0	0	0	0	0	0	-8	8170	1700
1800	-2.4	-1.4	-2.3	0	-0.6	-0.5	-0.8	-0.7	-0.7	-0.6	-0.5	-0.5	-0.1	-0.1	0	0	0	0	0	0	0	-8	8100	1800
1900	-0.7	-0.7	-2	0	-0.5	-0.5	-0.9	-0.7	-0.6	-0.5	-0.4	-0.4	0	0	0	0	0	0	0	0	0	-8	8050	1900
2000	-0.6	-0.6	-0.8	0	-0.5	-0.5	-1	-0.8	-0.8	-0.5	-0.3	-0.3	0	0	0	0	0	0	0	0	0	-8	7990	2000
2100	-0.4	-0.4	-0.6	0	-0.4	-0.5	-5	-0.8	-0.7	-0.5	-0.2	-0.2	0	0	0	0	0	0	0	0	0		7940	2100
2200	-0.2	-0.2	-0.4	0	-0.4	-0.4	-6	-0.8	-0.7	-0.6	-0.1	-0.1	0	0	0	0	0	0	0	0	0		7870	2200
2300	0	0	-0.2	0	-0.3	-0.3	-2.8	-0.8	-0.7	-0.6	0	0	0	0	0	0	0	0	0	0	0		7820	2300
2400	0	0	0	0	-0.2	-0.2	-1.8	-0.8	-0.8	-0.7	0	0	0	0	0	0	0	0	0	0	0		7760	2400
2500	0	0	0	0	0	0		-0.8	-0.7	-0.7	0	0	0	0	0	0	0	0	0	0	0		7680	2500

AREA 18
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AREA 18
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	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORKINGS		
0	0	-1	-1	-1	0	0	-0.4	0	0	0	0	0	-0.6	0	0	0	0	0	0		0
100	0	-1.3	-1.3	-5	0	0	-0.5	0	0	0	0	0	-0.7	0	0	0	0	0	100		100
200	0	-1.6	-1.6	-4	0	0	-0.6	0	0	0	0	0	-0.8	0	0	0	0	-0.05	200		200
300	0	-1.8	-1.8	-2	-0.2	-0.3	-0.7	0	0	-0.2	-0.1	0	-0.9	0	-0.1	-0.2	-0.1	-0.2	300		300
400	-0.2	-2	-2	-2	-0.4	-0.5	-0.8	-0.2	-0.2	-0.4	-0.2	0	-1.1	0	-0.3	-0.2	-0.3	-0.35	400		400
500	-0.4	-2.2	-2.3	-2	-0.6	-0.6	-0.9	-0.4	-0.4	-0.6	-0.3	0	-1.3	0	-0.4	-0.3	-0.5	-0.55	500		500
600	-0.6	-2.4	-2.5	-1.5	-0.8	-0.8	-1	-0.6	-0.6	-0.8	-0.5	-0.2	-1.5	-0.1	-0.6	-0.5	-0.7	-0.7	600		600
700	-0.7	-2.6	-2.7	-1.2	-1	-0.9	-1.5	-0.8	-0.8	-1	-0.7	-0.4	-1.7	-0.4	-0.8	-0.8	-0.8	-0.8	700		700
800	-0.9	-2.8	-2.9	-1.5	-1.4	-1	-2.1	-1.1	-0.9	-1.4	-0.9	-0.7	-1.8	-0.7	-0.9	-1	-0.95	-0.95	800	-9	800
900	-1.1	-3.1	-3.3	-1.8	-1.6	-1.4	-2.3	-1.5	-1	-1.7	-1.3	-0.9	-2	-1.1	-1.2	-1.4	-1.4	-1.5	900	-9	900
1000	-1.5	-3.6	-3.6	-2.2	-2	-1.8	-2.7	-1.9	-1.5	-2.1	-1.7	-1.5	-2.6	-1.7	-1.7	-1.8	-1.8	-2	1000	-9	1000
1100	-1.8	-4	-4	-2.7	-3	-2.3	-3	-2.3	-1.9	-2.6	-2	-2.2	-3.1	-2.1	-2.2	-2.3	-2.3	-2.5	1100	-9	1100
1200	-2.3	-4.4	-4.8	-3	-3	-2.8	-4	-2.9	-2.4	-3	-2.7	-2.6	-3.5	-2.8	-2.4	-2.8	-2.9	-2.9	1200	-9	1200
1300	-2.6	-4.8	-5.2	-3.5	-3.5	-3.1	-4.2	-3.5	-2.8	-3.5	-3	-3.1	-3.9	-3.2	-2.8	-3.2	-3.5	-3.2	1300	-9	1300
1400	-3	-5.2	-5.8	-4	-3.8	-3.4	-4.5	-4	-3.3	-4	-3.7	-3.6	-4.2	-3.8	-3.1	-3.6	-4	-3.7	1400	-9	1400
1500	-3.2	-5.6	-6	-4.2	-4.2	-3.7	-4.9	-4.5	-3.4	-4.2	-4	-4	-4.4	-4.1	-3.3	-3.9	-4.2	-4	1500	-9	1500
1600	-3.4	-6	-5.9	-4.4	-4.8	-4	-5.1	-4.9	-3.7	-4.5	-4.2	-4.1	-4.6	-4.2	-3.6	-4.3	-4.5	-4.2	1600	-9	1600
1700	-3.6	-6.2	-6	-4.6	-5.2	-4.1	-5.3	-4.5	-3.9	-4.8	-4.3	-4.3	-4.8	-4.2	-3.9	-4.5	-4.8	-4.4	1700	-9	1700
1800	-3.5	-6.4	-6.2	-4.8	-5.2	-4.2	-5.4	-4.8	-4.1	-5.1	-4.7	-4.4	-5	-4.2	-4.1	-4.7	-5.1	-4.6	1800	-9	1800
1900	-3.4	-6.6	-6.3	-4.9	-5.3	-4.4	-5.5	-5.2	-4.1	-5.2	-4.9	-4.6	-5.1	-4.4	-4.2	-4.9	-5.2	-4.8	1900	-9	1900
2000	-3.2	-6.8	-6.4	-5	-5.4	-4.6	-5.6	-5	-4.2	-5.3	-5.2	-4.7	-5	-4.5	-4.4	-5.1	-5.2	-5.05	2000	-9	2000
2100	-3.1	-6.9	-6.5	-5.1	-5.5	-4.8	-5.8	-5	-4.2	-5.4	-5.4	-4.8	-5	-4.5	-4.5	-5.2	-5.2	-5.15	2100	-9	2100
2200	-3.3	-6.9	-6.6	-5.3	-5.6	-4.7	-6	-5	-4.3	-5.5	-5.5	-5	-5	-4.5	-4.6	-5.2	-5.2	-5.2	2200	-9	2200
2300	-3.1	-7.1	-6.6	-5.4	-5.7	-4.6	-6.2	-5	-4.2	-5.6	-5.6	-5.1	-5.1	-4.7	-4.7	-5.3	-5.2	-5.3	2300	-9	2300
2400	-3	-7.3	-6.7	-5.5	-5.8	-4.8	-6	-5	-4.2	-5.7	-5.7	-5.1	-5.2	-4.9	-4.9	-5.3	-5.3	-5.3	2400	-9	2400
2500	-2.8	-7.5	-6.8	-5.6	-5.9	-5	-6	-5	-4.1	-5.8	-5.8	-5.1	-5.3	-5	-5.2	-5.4	-5.4	-5.4	2500	-9	2500
2600	-2.6	-7.6	-6.8	-5.7	-6	-5.1	-6.2	-5	-4.3	-5.9	-5.9	-5.1	-5.4	-5.1	-5.3	-5.4	-5.5	-5.5	2600	-9	2600
2700	-2.4	-7.7	-6.9	-5.9	-6.1	-5.1	-6.3	-5	-4.5	-6	-6.1	-5.2	-5.5	-5.2	-5.4	-5.5	-5.8	-5.6	2700	-9	2700
2800	-2.2	-8	-6.9	-5.8	-6.1	-5.2	-6.2	-5	-4.7	-6.1	-6	-5.2	-5.5	-5.3	-5.4	-5.5	-5.95	-5.7	2800	-9	2800
2900	-2	-8.1	-6.8	-5.7	-5.8	-5.3	-6.2	-5	-5	-6.1	-5.9	-5.2	-5.5	-5.2	-5.3	-5.5	-6.1	-5.8	2900	-9	2900
3000	-1.6	-8.3	-6.7	-5.5	-5.9	-5.4	-6.2	-5	-5.1	-5.9	-5.9	-5.3	-5.5	-5.1	-5.2	-5.5	-6.2	-5.7	3000	-9	3000
3100	-1.3	-8.2	-6.5	-5.7	-5.9	-5.3	-6	-5	-5	-5.8	-5.8	-5.3	-5.5	-5	-4.9	-5.5	-6.1	-5.6	3100	-9	3100
3200	-0.9	-8.2	-6.3	-5.9	-5.9	-5.4	-5.8	-5	-4.9	-5.7	-5.9	-5.2	-5.4	-4.7	-4.5	-5.4	-5.9	-5.5	3200	-9	3200
3300	-0.6	-8.1	-6.1	-5.8	-5.9	-5.3	-5.7	-4.8	-4.8	-5.6	-5.9	-5.2	-5.3	-4.5	-4	-5.4	-5.6	-5.3	3300	-9	3300
3400	-0.3	-8	-5.9	-6	-6	-5.2	-5.6	-4.5	-4.9	-5.5	-6.1	-5.1	-5.2	-4.8	-4.2	-5.3	-5.4	-5.1	3400	-9	3400
3500	0	-7.8	-5.8	-6	-6.1	-5	-5.3	-5	-5	-5.4	-6.1	-5.1	-5.1	-4.9	-4.2	-5.2	-5.3	-4.95	3500	-9	3500
3600	0	-7.6	-5.7	-5	-6	-4.7	-5.4	-5	-4.7	-5.3	-6	-5	-5	-4.8	-4	-5.1	-5.2	-4.8	3600	-9	3600
3700	0	-7.4	-5.8	-4.6	-5.8	-4.1	-5.3	-4	-4.3	-5.2	-5.7	-4.7	-4.8	-4.7	-3.8	-4.9	-5.2	-4.55	3700	-9	3700
3800	0	-7.2	-6.1	-4.4	-5.6	-3.7	-5.2	-4	-3.8	-4.9	-5.3	-4.4	-4.5	-4.5	-3.5	-4.7	-5.1	-4.4	3800	-9	3800
3900	0	-6.9	-6.1	-4.2	-5.2	-3.5	-5	-4.2	-3.5	-4.5	-5	-4	-4.3	-4.2	-3.2	-4.4	-4.7	-4.05	3900	-9	3900
4000	0	-6.5	-5.1	-4	-4.8	-3.2	-4.2	-4.3	-3	-4	-4.3	-3.4	-4	-3.8	-2.7	-4.1	-4.2	-3.65	4000	-9	4000
4100	0	-6.1	-4	-3.7	-4	-2.8	-3.8	-3.9	-2.1	-3.2	-3.4	-2.6	-3.1	-3.1	-2.1	-3.4	-3.7	-3.2	4100	-9	4100
4200	0	-5.8	-3.5	-3.4	-3.8	-2	-3.6	-2.9	-1.3	-2.2	-2.4	-1.7	-2.1	-2	-1.3	-2.7	-2.8	-2.5	4200	-9	4200
4300	0	-5.6	-3	-2.9	-3.5	-1.7	-3.2	-2.6	-0.9	-1.4	-1.4	-0.8	-1.1	-1.1	-0.7	-1.8	-1.95	-1.8	4300	-9	4300
4400	0	-5.5	-2	-2.5	-3.2	-1.8	-2.5	-2.5	-0.7	-0.8	-0.9	0	-0.8	-0.8	-0.2	-0.8	-1.3	-1.15	4400	-9	4400
4500	0	-5.3	-1.8	-2.2	-3	-1.7	-2.7	-2.3	-0.5	-0.6	-0.7	0	-0.6	-0.5	0	-0.5	-0.7	-0.8	4500	-9	4500
4600	0	-5.1	-1.6	-2.1	-2.8	-1.6	-2.4	-2	-0.3	-0.4	-0.5	0	-0.5	-0.2	0	-0.2	-0.3	-0.5	4600	-9	4600

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	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	WORKINGS		
0	0	-1.9	-0.8	-1	-2	0	-0.8	0	0	0	0	0	0	-0.2	0	0	0	0	0		0
100	0	-2.1	-1.2	-0.8	-2	0	-1	0	-0.1	0	-0.1	0	0	-0.1	0	0	0	0	100		100
200	0	-2.2	-1.4	-0.9	-1	0	-1	-0.1	-0.2	-0.1	-0.2	-0.1	0	-0.1	0	0	-0.2	-0.25	200		200
300	0	-2.3	-1.8	-0.7	-0.8	0	-0.8	-0.3	-0.3	-0.3	-0.3	-0.1	0	-0.1	0	0	-0.3	-0.5	300		300
400	-0.2	-2.5	-1.9	-0.8	-0.8	-0.2	-1	-0.5	-0.4	-0.5	-0.4	-0.1	0	-0.2	0	-0.2	-0.4	-0.6	400		400
500	-0.4	-2.6	-2.1	-0.9	-1.1	-0.4	-1.1	-0.7	-0.5	-0.7	-0.5	-0.3	-0.1	-0.4	0	-0.6	-0.6	-0.7	500		500
600	-0.6	-2.8	-2.3	-1	-1.4	-0.6	-1	-0.9	-0.6	-0.9	-0.6	-0.4	-0.4	-0.6	0	-1	-0.75	-0.8	600		600
700	-0.8	-2.9	-2.5	-1.3	-1.6	-0.9	-0.8	-1.2	-0.7	-1.2	-0.7	-0.7	-0.6	-0.8	-0.2	-1.2	-0.9	-0.9	700		700
800	-0.9	-3.2	-2.7	-1.6	-1.8	-1	-0.5	-1.4	-0.8	-1.5	-0.8	-0.8	-0.9	-1.1	-0.4	-1.4	-1.2	-1	800	-9	800
900	-1	-3.6	-2.9	-1.8	-1.9	-1.4	-0.9	-1.8	-0.9	-1.7	-0.9	-1	-1.1	-1.4	-0.7	-1.7	-1.5	-1.4	900	-9	900
1000	-1.4	-3.9	-3.5	-2	-2	-2	-2.2	-2.4	-1	-2.3	-1.3	-1.5	-1.6	-1.9	-1.1	-1.9	-1.9	-1.9	1000	-9	1000
1100	-1.8	-4.4	-4.2	-2.8	-2.6	-2.5	-2.9	-2.9	-1.6	-2.8	-2	-1.9	-2.2	-2.6	-1.7	-2.3	-2.6	-2.4	1100	-9	1100
1200	-2.2	-4.9	-5	-3.5	-3.2	-3.2	-3.9	-3.4	-2.3	-3.4	-2.7	-2.6	-2.9	-3.2	-2.4	-3.1	-3.2	-3	1200	-9	1200
1300	-2.7	-5.4	-5.4	-4.2	-4.2	-3.6	-4.4	-4	-3.1	-4.2	-3.2	-3.2	-3.7	-3.8	-3.1	-3.8	-3.9	-3.6	1300	-9	1300
1400	-3.2	-5.9	-6	-4.2	-4.8	-4.1	-5	-4.5	-3.6	-4.7	-3.9	-3.9	-4.2	-4.2	-3.6	-4.2	-4.3	-4.1	1400	-9	1400
1500	-3.5	-6.2	-6.1	-4.4	-5.2	-4.2	-5.3	-4.9	-4.1	-5	-4.2	-4.2	-4.7	-4.4	-3.9	-4.6	-4.8	-4.4	1500	-9	1500
1600	-3.4	-6.4	-6.3	-4.5	-5.4	-4.3	-5.5	-5.2	-4.1	-5.1	-4.5	-4.4	-5	-4.5	-4.2	-4.7	-5.1	-4.5	1600	-9	1600
1700	-3.3	-6.4	-6.3	-4.5	-5.3	-4.3	-5.3	-5.1	-4.1	-5	-4.2	-4.4	-4.8	-4.4	-4	-4.6	-4.95	-4.5	1700	-9	1700
1800	-3.1	-6.2	-6.2	-4.2	-5	-4	-5.1	-4.9	-3.9	-4.6	-3.8	-4.2	-4.5	-4.2	-3.7	-4.3	-4.7	-4.3	1800	-9	1800
1900	-2.7	-5.9	-6.1	-4	-4.6	-3.5	-4.7	-4.3	-3.4	-4.3	-3.4	-3.8	-4.2	-4	-3.4	-3.9	-4.3	-3.9	1900	-9	1900
2000	-2.3	-5.6	-5.8	-3.7	-4	-3.2	-4.1	-3.8	-3	-3.9	-3	-3.4	-3.8	-3.6	-3.1	-3.6	-3.9	-3.5	2000	-9	2000
2100	-1.9	-5	-4.8	-3.2	-3.5	-2.8	-3.9	-3.3	-2.6	-3.3	-2.5	-3	-3.3	-3.2	-2.6	-3.2	-3.4	-3.15	2100	-9	2100
2200	-1.6	-4.7	-4.2	-2.7	-3	-2.2	-3.1	-2.9	-2	-2.9	-2	-2.7	-2.7	-2.7	-2.1	-2.8	-2.9	-2.75	2200	-9	2200
2300	-1.4	-4.3	-3.8	-2.5	-2.6	-1.8	-2.9	-2.4	-1.5	-2.4	-1.7	-2.3	-2.1	-2.1	-1.7	-2.4	-2.4	-2.3	2300		2300
2400	-0.9	-4.1	-3.3	-2.4	-2	-1.2	-2.1	-1.9	-1	-2	-1.3	-1.9	-1.7	-1.5	-1.2	-1.8	-1.9	-1.7	2400		2400
2500	-0.7	-3.8	-2.8	-2.1	-1	-1	-2	-1.5	-0.9	-1.7	-1	-1.4	-1.4	-0.9	-0.7	-1.4	-1.5	-1.1	2500		2500
2600	-0.6	-3.6	-2.3	-2	-1	-0.9	-1.8	-1.3	-0.8	-1.3	-0.9	-1	-1	-0.6	-0.2	-1.1	-1.2	-0.9	2600		2600
2700	-0.5	-3.3	-1.8	-1.8	-1.4	-0.7	-1.3	-0.9	-0.7	-0.9	-0.8	-0.8	-0.9	-0.3	0	-0.7	-0.9	-0.7	2700		2700
2800	-0.3	-3.1	-1.7	-1.6	-1	-0.5	-0.9	-0.7	-0.6	-0.8	-0.7	-0.7	-0.8	0	0	-0.3	-0.6	-0.5	2800		2800
2900	-0.1	-2.8	-1.6	-1.4	-0.8	-0.4	-0.8	-0.5	-0.5	-0.7	-0.6	-0.6	-0.7	0	0	0	-0.3	-0.3	2900		2900
3000	0	-2.7	-1.4	-1.2	-0.6	-0.2	-0.7	-0.3	-0.4	-0.6	-0.5	-0.4	-0.7	0	0	0	0	-0.2	3000		3000
3100	0	-2.6	-1.2	-1	-0.4	-0.1	-0.6	-0.1	-0.3	-0.5	-0.4	-0.3	-0.6	0	0	0	0	0	3100		3100
3200	0	-2.5	-1	-1	0	0	-0.6	0	-0.2	-0.4	-0.3	-0.2	-0.4	0	0	0	0	0	3200		3200
3300	0	-2.4	-0.9	-0.9	0	0	-0.5	0	-0.1	-0.3	-0.2	-0.1	-0.3	0	0	0	0	0	3300		3300
3400	0	-2.3	-0.8	-0.8	0	0	-0.5	0	0	-0.2	-0.1	-0.1	-0.1	0	0	0	0	0	3400		3400
3500	0	-2.2	-0.7	-0.7	0	0	-0.5	0	0	-0.1	0	-0.2	0	0	0	0	0	0	3500		3500
3600	0	-2.1	-0.6	-0.6	0	0	-0.4	0	0	0	0	-0.1	0	0	0	0	0	0	3600		3600
3700	0	-2	-0.7	-0.6	0	0	-0.4	0	0	0	0	-0.1	0	0	0	0	0	0	3700		3700
3800	0	-1.9	-0.8	-0.7	0	0	-0.3	0	0	0	0	-0.1	0	0	0	0	0	0	3800		3800
3900	0	-1.8	-0.9	-0.7	0	0	-0.2	0	0	0	0	0	0	0	0	0	0	0	3900		3900
4000	0	-1.7	-0.8	-0.5	0	0	-0.2	0	0	0	0	0	0	0	0	0	0	0	4000		4000
4100	0	-1.6	-0.7	-0.6	0	0	-0.1	0	0	0	0	0	0	0	0	0	0	0	4100		4100
4200	0	-1.5	-0.6	-0.7	0	0	-0.1	0	0	0	0	0	0	0	0	0	0	0	4200		4200

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	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	0	-0.1	-0.1	-0.1	-0.1	-0.1	0	0	0	0	0	0	0	0	0	0	0	100	
200	0	-0.2	-0.1	-0.1	-0.2	-0.2	-0.1	-0.1	-0.1	-0.1	0	0	0	0	0	0	0	200	
300	0	-0.3	-0.2	-0.1	-0.3	-0.3	-0.2	-0.2	-0.2	-0.2	0	0	0	0	0	0	0	300	
400	0	-0.4	-0.3	-0.2	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	0	0	0	0	0	0	0	400	
500	0	-0.5	-0.4	-0.3	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	0	0	0	0	0	0	0	500	
600	0	-0.6	-0.5	-0.4	-0.6	-0.6	-0.5	-0.5	-0.5	-0.5	0	0	0	0	0	0	0	600	-8
700	0	-0.7	-0.6	-0.5	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	0	0	0	0	0	0	0	700	-8
800	0	-0.8	-0.7	-0.6	-0.8	-0.8	-0.7	-0.7	-0.7	-0.7	0	0	0	0	-0.1	0	-0.5	800	-8
900	0	-0.9	-0.8	-0.7	-1	-0.9	-0.8	-0.8	-0.8	-0.8	-0.1	-0.2	0	0	-0.2	-0.1	-0.8	900	-8
1000	0	-1	-0.9	-0.8	-1.8	-1	-0.9	-0.9	-0.9	-0.9	-0.7	-0.8	0	-0.6	-0.5	-0.7	-1.1	1000	-8
1100	0	-1.4	-1.5	-1	-2.2	-2	-1.5	-1.2	-1.6	-1.3	-1.3	-1.5	0	-1.2	-1.3	-1.3	-1.8	1100	-8
1200	0	-2	-2	-2	-2.5	-2.2	-2	-2	-2.3	-2.1	-1.9	-2.2	-0.8	-1.9	-2.2	-1.95	-2.25	1200	-8
1300	0	-2.2	-2.5	-2.6	-2.7	-2.5	-2.5	-2.3	-3	-2.5	-2.1	-2.6	-1.2	-2.4	-2.6	-2.6	-2.7	1300	-8
1400	-0.1	-2.6	-3	-2.8	-2.8	-2.9	-2.7	-2.5	-3.2	-3	-2.5	-3.2	-1.5	-2.8	-3.1	-3.1	-3.1	1400	-8
1500	-0.2	-2.8	-3.2	-2.9	-2.9	-3.3	-2.9	-2.7	-3.4	-3.3	-2.8	-3.3	-2	-3	-3.2	-3.3	-3.4	1500	-8
1600	-0.4	-2.9	-3.4	-3	-2.9	-3.5	-3.2	-3	-3.6	-3.4	-3	-3.6	-2.1	-3.1	-3.4	-3.6	-3.75	1600	-8
1700	-0.5	-3.1	-3.6	-3.2	-3	-3.7	-3.5	-3.2	-3.8	-3.8	-3.1	-3.7	-2.3	-3.2	-3.5	-3.8	-4	1700	-8
1800	-0.6	-3.1	-3.8	-3.4	-3	-3.9	-3.8	-3.5	-4	-4.2	-3.1	-3.7	-2.5	-3.3	-3.5	-3.8	-4	1800	-8
1900	-0.7	-2.8	-3.7	-3.7	-3	-3.8	-3.7	-3.8	-4.1	-4	-3.1	-3.6	-2.6	-3.4	-3.5	-3.75	-3.8	1900	-8
2000	-0.9	-2.6	-3.5	-3.8	-3	-3.7	-3.7	-3.9	-4.2	-3.8	-3	-3.6	-2.5	-3.5	-3.5	-3.7	-3.7	2000	-8
2100	-1	-2.8	-3.6	-3.9	-3	-3.7	-3.5	-3.9	-4.2	-3.8	-3	-3.6	-2.5	-3.4	-3.5	-3.7	-3.7	2100	-8
2200	-1.1	-2.9	-3.4	-4	-3	-4	-3.3	-3.9	-4.2	-4.2	-3.1	-3.5	-2.4	-3.3	-3.6	-3.6	-3.9	2200	-8
2300	-1.2	-3.1	-3.3	-4.2	-3.2	-4.5	-3.1	-4.1	-4.1	-4.4	-3.2	-3.3	-2.3	-3.2	-3.7	-3.4	-4.2	2300	-8
2400	-1.3	-3.1	-3.1	-4	-3.1	-3.9	-3	-4	-4	-4.2	-3.1	-3.1	-2.1	-3.1	-3.4	-3.2	-4.1	2400	-8
2500	-1.1	-2.8	-3	-3.6	-3.2	-3.1	-2.7	-3.8	-3.2	-3.7	-2.9	-2.9	-2	-3	-3.1	-3	-3.65	2500	-8
2600	-1.1	-2.6	-2.8	-3.2	-3.3	-3.1	-2.5	-3.6	-3	-3.3	-2.7	-2.9	-1.6	-2.7	-2.9	-2.7	-3.2	2600	-8
2700	-0.9	-2.4	-3	-2.8	-3.4	-3.2	-2.3	-3.3	-3	-3.4	-2.4	-2.7	-1.3	-2.6	-3.2	-2.9	-3.1	2700	-8
2800	-0.7	-1.8	-2.9	-2.1	-3.3	-2	-1.3	-3.1	-2.9	-3	-2.1	-2.2	-1.1	-2.2	-3.1	-2.9	-3	2800	-8
2900	-0.5	-0.8	-1.4	-1.8	-2.5	-0.9	-0.9	-2	-2	-1.9	-1.3	-1.5	-0.8	-1.8	-2.4	-2.2	-2.2	2900	-8
3000	-0.3	-0.5	-0.8	-1	-1.4	-0.8	-0.8	-0.9	-1.7	-0.9	-0.8	-0.8	-0.2	-1.3	-1.8	-1.6	-1.8	3000	-8
3100	0	-0.2	-1	-0.8	-1	-0.7	-0.7	-0.8	-1.3	-0.8	-0.4	-0.2	0	-0.7	-1.1	-0.95	-1.6	3100	-8
3200	-0.1	0	-2	-0.6	-0.7	-0.6	-0.6	-0.7	-0.8	-0.7	0	0	0	0	-0.1	-0.3	-1	3200	-8
3300	-0.1	0	-1	-0.4	-0.3	-0.5	-0.5	-0.6	-0.6	-0.6	0	0	0	0	0	0	-0.3	3300	-8
3400	0	0	-0.5	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	0	0	0	0	0	0	0	3400	
3500	0	0	0	0	0	-0.3	-0.3	-0.3	-0.2	-0.2	0	0	0	0	0	0	0	3500	
3600	0	0	0	0	0	-0.2	-0.2	-0.2	0	0	0	0	0	0	0	0	0	3600	
3700	0	0	0	0	0	-0.1	-0.1	-0.1	0	0	0	0	0	0	0	0	0	3700	
3800	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3800	

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	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS
0		0	0	0	0	-0.6	-0.3	0	0	0	0	-0.1	0	-0.3	0	0	-0.6	0	-11
100		-0.2	-8.2	0	-0.3	-0.7	-0.5	-0.3	-0.5	-0.5	0	-0.2	0	-0.4	0	-0.6	-0.75	100	-11
200		-0.4	-6	-0.1	-0.5	-0.8	-0.7	-0.7	-1	-0.9	-0.2	-0.3	-0.2	-0.5	0	-1	-1	200	-11
300		-0.6	-4	-0.2	-0.7	-1	-0.9	-1	-1.2	-1.1	-0.4	-0.4	-0.4	-0.6	0	-1.15	-1.2	300	-11
400		-0.8	-3	-0.3	-0.9	-1.3	-1.1	-1.1	-1.4	-1.3	-0.7	-0.5	-0.6	-0.7	-0.4	-1.2	-1.4	400	-11
500		-1	-2.5	-0.4	-1	-1.4	-1.3	-1.1	-1.7	-1.5	-0.9	-0.7	-0.7	-0.8	-0.6	-1.3	-1.6	500	-11
600		-1.1	-2.5	-0.5	-0.9	-1.5	-1.5	-1.2	-2	-1.7	-1.2	-0.8	-0.9	-0.9	-0.8	-1.4	-1.75	600	-11
700		-1.3	-2.7	-0.6	-1	-1.6	-1.7	-1.3	-2.1	-1.8	-1.4	-0.9	-1	-1	-0.9	-1.6	-1.95	700	-11
800		-1.6	-3.2	-0.7	-1.7	-1.6	-1.8	-1.4	-2.2	-1.9	-1.5	-0.95	-1.2	-0.9	-1	-1.8	-2.1	800	-11
900		-2	-3.3	-0.8	-2.2	-1.5	-1.9	-1.5	-2.2	-1.9	-1.5	-1.05	-1.2	-0.9	-1.1	-1.9	-2.3	900	-11
1000		-2.1	-4	-0.9	-3.3	-1.5	-1.9	-1.6	-2.2	-1.9	-1.6	-1.1	-1	-0.9	-1.2	-1.9	-2.6	1000	-11
1100		-2.2	-4.2	-1	-4.1	-1.7	-1.9	-1.7	-2.2	-2	-1.6	-1.3	-0.7	-0.8	-1.4	-1.95	-2.7	1100	-11
1200		-2.1	-4.2	-1.5	-4.3	-1.9	-2	-1.8	-2.1	-2	-1.5	-1.4	-0.7	-0.9	-1.8	-2.05	-2.6	1200	-11
1300		-1.5	-3.7	-2	-3.4	-2.1	-2.1	-1.9	-2.1	-2	-1.5	-1.6	-0.8	-1	-2.1	-2.2	-2.3	1300	-11
1400		-0.8	-3	-2.2	-2.5	-2.2	-2.2	-2	-2	-2	-1.6	-1.8	-0.6	-1.4	-2.2	-2.4	-2.1	1400	-11
1500		-0.6	-2.7	-2	-2.7	-2.2	-2.1	-2	-1.9	-2.3	-1.9	-1.9	-0.5	-1.4	-2.1	-2.7	-2	1500	-11
1600		-0.8	-2.7	-1.8	-3	-2.8	-1.8	-2	-1.7	-2.8	-1.9	-2.1	-0.8	-1.4	-2.1	-3	-2	1600	-11
1700		-1.1	-3	-1.5	-3.8	-3.5	-1.3	-2	-1.5	-3.1	-1.7	-2.1	-1.1	-1.3	-2.1	-3.15	-2.1	1700	-11
1800		-1.3	-3.2	-1.1	-4.3	-4.5	-1	-2	-1.7	-3.3	-1.6	-2.15	-1.3	-1.2	-2.1	-3.3	-2.3	1800	-11
1900		-1.1	-3	-1.2	-4	-3.6	-0.9	-2.5	-1.9	-3	-1.5	-2.1	-1.5	-1.3	-2.1	-3.3	-2.5	1900	-11
2000		-0.8	-2.9	-1.1	-3	-2.9	-0.8	-2.8	-2.4	-2.6	-1.4	-2	-1.6	-1.5	-2	-3.3	-2.7	2000	-11
2100		-0.6	-2.9	-1.2	-3	-2.8	-0.7	-2.5	-2.6	-2.4	-1.6	-2	-1.3	-1.3	-1.9	-3.4	-2.6	2100	-11
2200		-0.4	-3	-1.3	-3	-2.7	-0.8	-2	-2.7	-2.3	-1.8	-1.95	-1.1	-2	-1.7	-3.4	-2.4	2200	-11
2300		-0.2	-3	-1.4	-3	-2.7	-0.9	-1.9	-2.7	-2.2	-1.9	-1.9	-1.1	-2.5	-1.8	-3.2	-2.35	2300	-11
2400		0	-3	-1.5	-3.1	-2.8	-0.9	-1.7	-2.7	-2	-2	-1.7	-0.9	-2.6	-2	-2.8	-2.3	2400	-11
2500		0	-3	-1.3	-3	-2.2	-0.9	-1.6	-2.3	-1.7	-1.8	-1.5	-0.7	-2.3	-2	-2.3	-2	2500	-11
2600		0	-3.1	-0.1	-2.2	-2.1	-0.8	-1.4	-2	-1.3	-1.5	-1.3	-0.5	-1.6	-1.7	-2	-1.75	2600	-11
2700		0	-2.5	-0.9	-1.6	-1.9	-0.7	-1.2	-1.6	-1.1	-1.1	-1.1	-0.5	-1	-1.3	-1.6	-1.3	2700	-11
2800		0	-2	-0.8	-1	-1.3	-0.6	-1	-1.3	-1	-0.8	-1	-0.5	-0.6	-0.8	-1.3	-1.1	2800	-11
2900		0	-1	-0.7	-0.6	-0.9	-0.5	-0.8	-0.9	-0.8	-0.5	-0.7	-0.2	-0.2	-0.2	-1.1	-0.8	2900	-11
3000		0	-0.8	-0.6	-0.7	-0.8	-0.4	-0.6	-0.7	-0.7	-0.2	-0.4	0	0	0	-0.8	-0.4	3000	-11
3100		0	-4	-0.5	-0.5	-0.7	-0.3	-0.4	-0.5	-0.5	0	-0.2	0	0	0	-0.4	-0.1	3100	-11
3200		0	-9.5	-0.4	-0.3	-0.6	-0.2	-0.2	-0.3	-0.3	0	0	0	0	0	0	0	3200	-11
3300		0	-1	-0.3	-0.4	-0.5	-0.1	0	-0.1	-0.1	0	0	0	0	0	0	0	3300	-11
3400		0	-0.5	-0.2	-0.2	-0.4	0	0	0	0	0	0	0	0	0	0	0	3400	-11
3500		0	-1.3	-0.1	-0.1	-0.3	0	0	0	0	0	0	0	0	0	0	0	3500	-11
3600		0	-1.8	0	0	-0.2	0	0	0	0	0	0	0	0	0	0	0	3600	
3700		0	-4	0	0	-0.1	0	0	0	0	0	0	0	0	0	0	0	3700	
3800		0	-7.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3800	
3900		0	-8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3900	
4000		0	-8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4000	

Area 21
W-E

W-E

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		Workings
0	0	0	-0.8	-0.8	-0.7	-0.5	-0.7	-0.9	-0.2	-0.6	-0.7	-0.8	0	-0.7	-1.55	0	-8.5
100	0	0	-1.1	-0.9	-0.9	-1.2	-0.9	-1.1	-0.4	-0.9	-0.9	-1.1	-0.3	-1	-2.2	100	-8.5
200	0	0	-1.6	-1.1	-1.3	-1.3	-1.3	-1.6	-0.8	-1.2	-1	-1.4	-0.9	-1.4	-3.05	200	-8.5
300	0	0	-2	-1.9	-1.9	-1.5	-1.7	-1.9	-0.9	-1.4	-1	-1.6	-1.5	-1.9	-3.9	300	-8.5
400	0	-0.2	-2.2	-2.2	-2.3	-1.6	-2.1	-2.5	-0.9	-1.6	-1	-1.7	-1.9	-2.2	-4.2	400	-8.5
500	0	-0.4	-2.1	-1.9	-1.9	-1.8	-1.9	-2	-0.8	-1.8	-1	-1.7	-1.9	-2.1	-3.8	500	-8.5
600	0	-0.6	-2	-1.7	-1.7	-2	-1.9	-2	-0.9	-1.9	-1.1	-1.8	-1.9	-2	-4.1	600	-8.5
700	0	-0.8	-2.5	-1.9	-2.1	-1.7	-2.4	-2.9	-1.7	-2.4	-1.9	-2	-2.7	-2.9	-3.9	700	-8.5
800	0	-1	-2.8	-2.5	-2.5	-2	-3.1	-3.4	-2.5	-3.1	-2.8	-2.9	-3.3	-3.6	-3.8	800	-8.5
900	0	-2	-3.4	-2.9	-2.9	-2.5	-3.5	-3.5	-3.1	-3.6	-3	-2.9	-3.6	-3.8	-3.8	900	-8.5
1000	0	-2.7	-3.8	-3.3	-3.8	-3.1	-3.7	-3.6	-3.5	-3.5	-2.8	-2.7	-3.5	-3.7	-3.5	1000	-8.5
1100	0	-3.2	-4	-4.1	-3.5	-3.5	-3.9	-3.8	-4	-3.8	-2.8	-2.7	-3.5	-3.7	-3.95	1100	-8.5
1200	0	-3.8	-4	-4.4	-4	-4	-4.2	-4.1	-4.1	-4.1	-3.6	-3.2	-3.8	-4.2	-4.4	1200	-8.5
1300	0	-4.2	-3.9	-4.5	-4.3	-4.1	-4.7	-4.3	-4.2	-4.5	-4.2	-4	-4.4	-4.7	-4.9	1300	-8.5
1400	0	-4.5	-3.8	-4.6	-4.7	-4.3	-4.9	-4.4	-4.3	-4.7	-4.3	-4.1	-4.8	-5.1	-5.2	1400	-8.5
1500	0	-4.1	-3.7	-4.4	-4.8	-4.5	-4.9	-4.5	-4.4	-4.6	-4.2	-4.1	-4.8	-5.2	-5.3	1500	-8.5
1600	0	-3.8	-3.6	-4.3	-4.8	-4.6	-4.9	-4.5	-4.4	-4.5	-3.9	-4	-4.7	-5	-5.2	1600	-8.5
1700	0	-3.5	-3.7	-4.1	-4.7	-4.1	-4.9	-4.5	-4.5	-4.2	-3.7	-3.9	-4.6	-4.9	-5.1	1700	-8.5
1800	0	-3.7	-3.8	-3.9	-4.3	-3.8	-4.9	-4.5	-4.5	-4.1	-3.6	-3.5	-4.5	-4.7	-5.1	1800	-8.5
1900	0	-3.9	-3.7	-3.5	-4	-3.7	-4.9	-4.3	-4.5	-3.8	-3.6	-3.8	-4.4	-4.5	-5.2	1900	-8.5
2000	0	-4.2	-3.8	-3.7	-4	-3.7	-4.9	-4	-4.6	-4.1	-3.8	-4.2	-4.3	-4.6	-5.3	2000	-8.5
2100	0	-4.4	-3.9	-3.8	-4.4	-3.8	-4.9	-4.1	-4.6	-4.4	-3.9	-4.5	-4.4	-4.8	-5.4	2100	-8.5
2200	0	-4.5	-4	-3.9	-4.5	-4.1	-4.9	-4.2	-4.7	-4.8	-4.1	-4.9	-4.5	-4.9	-5.5	2200	-8.5
2300	0	-4.4	-4.1	-4	-4.5	-4.3	-5	-4.4	-4.7	-5.2	-4.3	-5	-4.4	-5.1	-5.5	2300	-8.5
2400	0	-4.6	-4.2	-4	-4.5	-4.5	-5.2	-4.6	-4.8	-5.4	-4.3	-5.2	-4.7	-5.3	-5.6	2400	-8.5
2500	0	-4.8	-4.1	-4.5	-4.6	-4.7	-5.4	-4.7	-4.8	-5.6	-4.5	-5.4	-5	-5.5	-5.8	2500	-8.5
2600	0	-5	-4	-4.5	-5	-4.9	-5.5	-4.9	-4.9	-5.8	-4.7	-5.6	-5.2	-5.6	-5.9	2600	-8.5
2700	0	-5.7	-4.1	-4.9	-5	-5.1	-5.7	-5.1	-5	-6	-4.9	-5.8	-5.4	-5.9	-6.05	2700	-8.5
2800	0	-6.2	-4	-5.1	-5.2	-5.2	-6	-5.6	-5	-6.1	-5.1	-6	-5.5	-6.1	-6.1	2800	-8.5
2900	0	-6.4	-3.5	-5	-5.2	-5.3	-6	-5.4	-5.1	-6.1	-5	-5.8	-5.5	-6.1	-6.2	2900	-8.5
3000	0	-6.2	-3.2	-4.8	-5	-5.2	-5.1	-5.3	-5.1	-6	-4.8	-5.7	-5.2	-5.9	-6.3	3000	-8.5
3100	0	-6	-2.8	-4.8	-4.8	-5.1	-5.1	-5.1	-5.2	-5.8	-4.4	-5.4	-4.9	-5.7	-6.05	3100	-8.5
3200	0	-5.8	-2.7	-4.3	-4.7	-4.9	-5.2	-4.7	-5.3	-5.5	-4.3	-5.7	-4.7	-5.4	-5.75	3200	-8.5
3300	0	-5.6	-2.6	-4.1	-4.5	-4.8	-5.1	-4.5	-5.4	-5.3	-4.2	-4.9	-4.4	-5.2	-5.45	3300	-8.5
3400	0	-5.4	-2.7	-3.9	-4.3	-4.8	-5.1	-4.3	-5.5	-5	-4.1	-4.7	-4.2	-5	-5.25	3400	-8.5
3500	0	-5.2	-2.9	-3.8	-4.2	-4.7	-4.9	-4	-5.4	-4.9	-3.9	-4.5	-4	-4.8	-5.15	3500	-8.5
3600	0	-5	-3	-3	-4	-4.7	-4.8	-3.9	-5.2	-4.8	-3.7	-4.3	-3.8	-4.8	-5.2	3600	-8.5
3700	0	-4.8	-3.1	-3.1	-4	-4.8	-4.8	-3.7	-4.9	-4.7	-3.5	-4	-3.8	-4.8	-5.5	3700	-8.5
3800	0	-4.8	-3.3	-3	-4	-4.8	-4.7	-3.9	-4.8	-4.8	-3.7	-3.8	-3.9	-4.4	-6	3800	-8.5
3900	0	-5	-3.5	-3.9	-4.1	-4.9	-4.8	-4	-4.5	-4.8	-3.9	-4	-4.2	-4.4	-5.4	3900	-8.5
4000	0	-5.2	-3.6	-4	-4.5	-4.9	-4.8	-4.3	-4.7	-4.9	-3.9	-4.4	-4.6	-4.5	-4.95	4000	-8.5
4100	0	-5.3	-3.7	-4.4	-5	-5	-4.9	-4.5	-4.9	-5	-4.2	-4.7	-4.8	-4.8	-4.9	4100	-8.5
4200	0	-5.4	-3.8	-4.4	-5	-5.1	-5.1	-4.7	-5	-5.2	-4.4	-5.1	-5.1	-5.2	-5.15	4200	-8.5
4300	0	-5.2	-4	-4.1	-4.7	-4.9	-4.9	-4.5	-4.9	-5.2	-4.4	-5	-4.8	-5.2	-5.15	4300	-8.5
4400	0	-5	-4.3	-4	-4.5	-4.4	-4.5	-4.3	-4.4	-5	-4.1	-4.5	-4.6	-4.7	-4.8	4400	-8.5
4500	0	-4.7	-4.8	-3.5	-4.1	-4	-4.2	-4.1	-4	-4.7	-3.8	-4.2	-4.3	-4.2	-4.4	4500	-8.5

4600	0	-4.3	-5	-3	-4	-4	-3.8	-3.9	-3.7	-4.4	-3.6	-3.8	-4	-3.7	-4	4600	-8.5
4700	0	-4	-5	-2.5	-3.9	-3.8	-3.5	-3.4	-3.5	-4	-3.2	-3.5	-3.8	-3.3	-3.4	4700	-8.5
4800	0	-3.5	-4	-2.5	-3.2	-3.3	-3.2	-3	-3	-3.7	-2.9	-3	-3.2	-2.9	-3.2	4800	-8.5
4900	0	-3	-3.9	-2.1	-2.8	-2.5	-3	-2.6	-2.8	-3.2	-2.8	-2.8	-2.8	-2.8	-3	4900	-8.5
5000	0	-2.8	-3.7	-2.2	-2	-1.9	-3	-2	-2.8	-2.95	-2.7	-2.6	-2.6	-2.7	-2.95	5000	-8.5
5100	0	-2.9	-3.5	-2.5	-3	-2.9	-3.1	-2.8	-3.1	-3.2	-2.8	-2.6	-2.8	-2.9	-3.3	5100	-8.5
5200	0	-3.2	-3.3	-3.1	-3.5	-3.3	-3.2	-3.3	-3.2	-3.3	-2.9	-2.9	-3.2	-3.2	-3.3	5200	-8.5
5300	0	-3.1	-3	-2.9	-3	-3.4	-3.1	-3.3	-3.1	-3.3	-2.8	-3	-3.4	-3.1	-3.4	5300	-8.5
5400	0	-3	-2.8	-2.8	-3	-3.2	-3	-2.9	-3	-3.2	-2.4	-2.7	-3.2	-2.8	-3.25	5400	-8.5
5500	0	-2.8	-2.4	-2.7	-2.7	-2.7	-2.5	-2.4	-3	-3.1	-2	-2.3	-3.1	-2.3	-3.1	5500	-8.5
5600	0	-2	-1.9	-1.9	-2	-1.6	-1.9	-1.7	-1.9	-2	-1.2	-1.4	-2.6	-1.6	-2.1	5600	-8.5
5700	0	-0.6	-1.3	-0.9	-1.5	-0.8	-1	-0.9	-0.8	-0.9	-0.6	-0.3	-2	-0.8	-0.9	5700	-8.5
5800	0	-0.2	-0.9	-0.8	-0.9	-0.6	-0.8	-0.8	-0.3	-0.2	0	0	-1	0	-0.3	5800	-8.5
5900	0	0	-0.7	-0.7	-0.8	-0.4	-0.6	-0.6	0	0	0	0	0	0	0	5900	
6000	0	0	-0.4	-0.6	-0.7	-0.2	-0.4	-0.4	0	0	0	0	0	0	0	6000	
6100	0	0	0	-0.5	-0.6	0	-0.2	-0.2	0	0	0	0	0	0	0	6100	
6200	0	0	0	-0.4	-0.5	0	0	0	0	0	0	0	0	0	0	6200	
6300	0	0	0	-0.3	-0.4	0	0	0	0	0	0	0	0	0	0	6300	
6400	0	0	0	-0.2	-0.3	0	0	0	0	0	0	0	0	0	0	6400	
6500	0	0	0	-0.1	-0.2	0	0	0	0	0	0	0	0	0	0	6500	

AREA 21
N-S

	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS
0	0	0	-3	-0.8	-0.7	-0.4	-0.5	-0.5	0	0	0	0	-0.4	0	0	0	-8.5
100	0	-0.8	-3.1	-0.9	-0.8	-0.7	-0.7	-0.9	0	0	0	0	-1.1	-0.1	-0.7	100	-8.5
200	0	-1.8	-3.2	-1	-1	-1	-1.7	-2	-0.8	-1.8	-1.8	-1.8	-2.9	-2.8	-3.2	200	-8.5
300	0	-3.5	-3.3	-2	-4	-2.7	-3.8	-4.9	-3.6	-4.5	-4.2	-5	-5.1	-4.3	-5.3	300	-8.5
400	0	-5.2	-3.3	-3.5	-6	-4.2	-5.1	-5.3	-4.1	-5.2	-5.2	-5.3	-6.2	-5.5	-7.2	400	-8.5
500	0	-4.2	-3.4	-3.9	-5.7	-4.2	-5.4	-5.3	-4.3	-5.4	-5.5	-5.4	-6.2	-6.2	-7.3	500	-8.5
600	0	-3.5	-3.4	-3.8	-5.2	-3.7	-5.2	-5.2	-4.3	-5.5	-5.3	-5.4	-5.8	-5.9	-6.8	600	-8.5
700	0	-2.5	-3.5	-3.5	-4.8	-3.5	-4.9	-4.8	-4	-5.4	-5	-5.3	-5.3	-5.6	-5.8	700	-8.5
800	0	-2	-3.6	-3.3	-4.2	-3.4	-4.7	-4	-3.9	-5.1	-4.7	-5.2	-4.9	-5.3	-5	800	-8.5
900	0	-1.7	-3.7	-3.1	-3.5	-3.2	-4.5	-3.7	-4.1	-4.8	-4.5	-4.8	-4.7	-4.9	-5.1	900	-8.5
1000	0	-1.5	-3.6	-3.1	-3.1	-2.9	-4.3	-3.5	-4.2	-4.6	-4.2	-4.5	-4.5	-4.7	-5.3	1000	-8.5
1100	0	-1.8	-3.6	-3.2	-3.8	-2.8	-4	-3.7	-4	-4.7	-3.8	-4.7	-4.7	-4.7	-5.6	1100	-8.5
1200	0	-2	-3.7	-3.1	-3	-2.9	-5	-4.2	-4.5	-5	-4.4	-5.4	-5	-5	-5.9	1200	-8.5
1300	0	-5	-3.7	-5	-5	-5	-6.2	-6.1	-6	-6.4	-6.2	-7.1	-7.1	-7.2	-7.2	1300	-8.5
1400	0	-5.8	-3.6	-6	-6	-7	-6.5	-6.3	-6.3	-7.2	-7.1	-7.4	-7.3	-8.1	-7.7	1400	-8.5
1500	0	-6.2	-3.7	-5.2	-6	-7	-6.8	-6.1	-6.3	-7.2	-6.9	-7.4	-7.3	-7.7	-7.6	1500	-8.5
1600	0	-5	-3.8	-4.9	-6	-5.8	-6.3	-5.6	-5.9	-6.8	-6.2	-7.2	-7.1	-7.2	-7.35	1600	-8.5
1700	0	-4.8	-3.8	-4.4	-5	-4.8	-5.9	-4.9	-5.1	-6.2	-5.7	-6.6	-6.3	-6.6	-7	1700	-8.5
1800	0	-4.7	-3.9	-4.1	-4.7	-4.7	-5.7	-4.7	-4.8	-5.9	-5	-5.9	-5.7	-5.9	-6.4	1800	-8.5
1900	0	-4.6	-4	-4.2	-4.5	-4.5	-5.5	-4.7	-4.5	-5.7	-4.8	-5.4	-5.3	-5.7	-5.9	1900	-8.5
2000	0	-4.8	-4.1	-4.3	-4.5	-4.6	-5.3	-4.8	-4.5	-5.7	-4.6	-5.3	-5	-5.5	-5.9	2000	-8.5
2100	0	-4.8	-4.1	-4.4	-4.7	-4.7	-5.4	-4.9	-4.9	-5.9	-4.6	-5.4	-5	-5.6	-6.1	2100	-8.5
2200	0	-4.7	-4.2	-4.5	-4.9	-4.8	-5.5	-5.3	-5.3	-5.9	-4.7	-5.5	-5.1	-5.8	-6.6	2200	-8.5
2300	0	-4.8	-4.2	-4.9	-5.1	-4.9	-5.7	-5.8	-6	-5.9	-4.9	-5.5	-5.2	-6.1	-7	2300	-8.5
2400	0	-5	-4.2	-5.2	-5.3	-5	-6	-6.1	-6.2	-6.1	-5.1	-5.6	-5.3	-6.2	-7.05	2400	-8.5
2500	0	-5.1	-4.3	-5.3	-5.8	-5.2	-6.1	-6.2	-6.3	-6.3	-5.2	-5.6	-5.4	-6.3	-6.8	2500	-8.5
2600	-0.2	-5.2	-4.4	-5.5	-6	-5.4	-6.1	-6.3	-6.3	-6.5	-5.3	-5.6	-5.5	-6.3	-6.6	2600	-8.5
2700	-0.4	-5.3	-4.3	-5.7	-6	-5.6	-6.2	-6.3	-6.2	-6.6	-5.4	-5.6	-5.6	-6.3	-6.4	2700	-8.5
2800	-0.6	-5.4	-4.3	-5.8	-6	-5.7	-6.2	-6.4	-6.1	-6.6	-5.5	-5.5	-5.7	-6.3	-6.3	2800	-8.5
2900	-0.8	-5.5	-4.2	-5.9	-6	-5.9	-6.3	-6.6	-6.1	-6.6	-5.5	-5.5	-5.8	-6.3	-6.3	2900	-8.5
3000	-1.2	-5.6	-4.2	-6.1	-6	-6	-6.3	-6.8	-6.1	-6.5	-5.4	-5.5	-5.9	-6.3	-6.3	3000	-8.5
3100	-2	-5.7	-4.1	-6.4	-6	-5.9	-6.2	-6.7	-6.2	-6.5	-5.4	-5.5	-5.8	-6.3	-6.3	3100	-8.5
3200	-3.2	-5.8	-4	-6.5	-6	-5.7	-6.2	-6.6	-6.1	-6.4	-5.3	-5.4	-5.7	-6.3	-6.2	3200	-8.5
3300	-4	-6	-3.6	-6.4	-6	-5.5	-6.1	-6.3	-5.9	-6.3	-5.2	-5.3	-5.6	-6.3	-6.1	3300	-8.5
3400	-4.2	-5.8	-3.2	-6.3	-6	-5.4	-6.1	-6.1	-5.6	-6.2	-5.1	-5.2	-5.4	-6.3	-5.8	3400	-8.5
3500	-4.2	-5.4	-2.8	-6.2	-5.8	-5.2	-6	-5.9	-5.3	-6.1	-5	-5.1	-5.2	-6.1	-5.4	3500	-8.5
3600	-4.1	-5	-2.5	-5.9	-5.5	-4.5	-5.6	-5.3	-5	-5.4	-4.2	-5	-5.1	-6	-5.1	3600	-8.5
3700	-3.8	-4	-2.2	-4.9	-5	-3.8	-5	-4.7	-4	-4.7	-3.2	-4.6	-4.6	-5.2	-4.5	3700	-8.5
3800	-3	-3	-1.8	-4	-4.3	-3.3	-4.1	-3.8	-3.1	-3.9	-2.4	-4.1	-4	-4.5	-3.9	3800	-8.5
3900	-2	-2	-1.6	-2	-2.5	-1.9	-2.8	-2.4	-2.3	-2.6	-1.2	-2.9	-3.2	-3.4	-2.75	3900	-8.5
4000	-0.8	-1	-1.4	-1	-1.1	-0.9	-1.7	-1.2	-1.2	-1.2	0	-1.6	-1.2	-2.2	-1.6	4000	-8.5
4100	-0.6	-0.8	-1.2	-0.9	-0.8	-0.7	-0.9	-0.9	-0.6	-0.2	0	-0.5	0	-1.2	-0.7	4100	-8.5
4200	-0.2	-0.2	-0.9	-0.8	-0.7	-0.5	-0.7	-0.7	0	0	0	0	0	-0.6	0	4200	-8.5
4300	0	0	-0.7	-0.7	-0.6	-0.4	-0.5	-0.5	0	0	0	0	0	-0.3	0	4300	
4400	0	0	-0.5	-0.6	-0.5	-0.2	-0.2	-0.2	0	0	0	0	0	-0.05	0	4400	
4500	0	0	0	-0.5	-0.4	-0.1	0	0	0	0	0	0	0	0	0	4500	

AREA 22
N-S

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKINGS
0	0	-0.7	-0.6	-0.3	-0.3	-0.3	0	0	0	0	0	0	0	0	
100	-0.2	-0.8	-0.7	-0.5	-0.5	-0.5	0	0	0	0	0	0	-0.2	100	
200	-0.6	-0.9	-0.8	-0.7	-0.7	-0.9	0	0	0	0	0	-0.1	-1	200	
300	-1	-1	-1.4	-0.9	-0.9	-1.9	0	0	-0.4	-0.9	-1.1	-0.9	-1.85	300	-10.5
400	-2.2	-3	-3	-1.9	-1.9	-3	-0.9	-1.2	-1.8	-2.5	-3.1	-2.2	-3	400	-10.5
500	-4.1	-5.1	-6.1	-4.6	-4	-3.9	-2.8	-3.3	-3.6	-4.7	-5.2	-4.1	-4.45	500	-10.5
600	-4.3	-5.3	-6.2	-5.3	-5.5	-5.1	-4.1	-5	-4.9	-6.4	-6.8	-5.6	-5.75	600	-10.5
700	-3.7	-4.5	-6	-5.4	-6	-5.4	-4.6	-5.3	-5.2	-7	-6.9	-5.9	-6.3	700	-10.5
800	-2.7	-3.9	-5.3	-5.2	-5.4	-5.3	-4	-4.9	-4.9	-6.4	-6.2	-5.4	-6.15	800	-10.5
900	-1.3	-3.7	-5	-4.2	-4.8	-5.1	-3.2	-4.2	-4.2	-5.8	-5.6	-4.6	-5.5	900	-10.5
1000	-0.7	-3.2	-4.5	-3.7	-4.2	-4.8	-2.7	-3.6	-3.8	-4.8	-5.4	-3.8	-4.9	1000	-10.5
1100	-0.3	-2.9	-4	-3.5	-3.8	-4.5	-3	-3	-3.2	-4.5	-5.8	-3.9	-4.75	1100	-10.5
1200	0	-2.5	-3.5	-3.1	-3.4	-4.1	-3.2	-2.9	-3	-4.5	-6.1	-4.5	-4.8	1200	-10.5
1300	0	-2.9	-3.8	-3.9	-3.4	-4.4	-3.9	-3	-3	-4.7	-6.8	-4.8	-5.3	1300	-10.5
1400	0	-3.9	-4	-5.1	-3.8	-5	-4.3	-3.6	-3.5	-5.1	-7.5	-5	-6.3	1400	-10.5
1500	0	-4	-5	-7.4	-4.2	-5.9	-3.8	-4	-3.9	-5.1	-7.9	-5.1	-7.4	1500	-10.5
1600	0	-4	-6	-7.1	-4.8	-6	-2.6	-4.1	-4.2	-5.1	-7.7	-5.1	-7.7	1600	-10.5
1700	0	-3.6	-5.5	-6	-5	-5.6	-1.2	-4.1	-4.3	-4.9	-7	-5	-7.3	1700	-10.5
1800	0	-3.8	-5.5	-5.7	-5.3	-5.4	-1.2	-4.1	-4.5	-4.5	-6.5	-5.1	-7.05	1800	-10.5
1900	0	-3.9	-6	-5.4	-5.6	-5.3	-3	-4.2	-5	-4.3	-6.5	-5.2	-6.85	1900	-10.5
2000	0	-3.5	-6	-5.2	-6	-5.5	-4.9	-4.3	-5.2	-4.3	-6.3	-5.4	-6.8	2000	-10.5
2100	0	-3.5	-5	-5	-5.4	-5.7	-5.4	-4.4	-5.2	-4.6	-6	-5.5	-6.8	2100	-10.5
2200	0	-3.4	-5.2	-6.1	-4.9	-5.6	-6.8	-4.5	-5.1	-5	-5.8	-5.8	-6.7	2200	-10.5
2300	0	-3.1	-5.2	-6.3	-5.2	-5.6	-9.8	-4.7	-5.1	-5.1	-6	-6.1	-6.2	2300	-10.5
2400	0	-2.1	-5	-6.1	-5.5	-5.8	-9.6	-4.8	-4.9	-5	-6.2	-6	-5.75	2400	-10.5
2500	0	-1.8	-4.1	-5.7	-5.9	-5.9	-7.3	-4.8	-4.8	-4.7	-6.3	-5.5	-5.5	2500	-10.5
2600	0	-1	-3.7	-5.2	-6.2	-6	-5.9	-4.8	-4.7	-4.5	-6.2	-5.2	-5.5	2600	-10.5
2700	0	-0.9	-3.5	-5	-6.3	-6.1	-4.9	-4.9	-4.9	-4.5	-5.9	-4.9	-5.6	2700	-10.5
2800	0	-0.8	-3.7	-4.9	-6.5	-6.3	-4.5	-5	-5.2	-4.6	-5.8	-4.8	-5.65	2800	-10.5
2900	0	-0.7	-3.5	-4.9	-6.3	-6.4	-4.3	-5.1	-5.6	-5.1	-5.7	-4.9	-5.6	2900	-10.5
3000	0	-0.6	-4.5	-4.8	-6.1	-6.3	-4.2	-5.3	-6.1	-5.3	-5.6	-5.1	-5.6	3000	-10.5
3100	0	-0.5	-3.9	-4.8	-5.9	-6.2	-4.3	-5.5	-6.3	-5.4	-5.5	-5.3	-5.6	3100	-10.5
3200	0	-0.5	-3.7	-4.7	-5.8	-6.2	-4.3	-5.6	-6.5	-5.5	-5.5	-5.5	-5.55	3200	-10.5
3300	0	-0.4	-3.5	-4.7	-5.6	-6.1	-4.3	-5.8	-6.3	-5.6	-5.3	-5.4	-5.5	3300	-10.5
3400	0	-0.5	-3.3	-4.6	-5.4	-5.8	-4.3	-6	-6.2	-5.5	-5.1	-5.2	-5.45	3400	-10.5
3500	0	-0.5	-2.9	-4.5	-5.2	-5.4	-4.2	-6.2	-5.8	-5.5	-4.9	-5.05	-5.4	3500	-10.5
3600	0	-0.5	-2.5	-4.4	-5	-5.1	-4.1	-6.1	-5.4	-5.4	-4.7	-4.8	-5.4	3600	-10.5
3700	0	-0.5	-2.2	-4.3	-4.8	-4.8	-4	-5.9	-5.1	-5.2	-4.6	-4.6	-5.25	3700	-10.5
3800	0	0	-1.9	-4.2	-4.6	-4.4	-4.1	-5.7	-4.8	-5	-4.4	-4.4	-5	3800	-10.5
3900	0	0	-1.4	-4.2	-4.4	-4	-4.1	-5.4	-4.6	-4.6	-4.1	-4.3	-4.6	3900	-10.5

4000	0	0	-1	-4.1	-4.2	-3.8	-4.1	-5.2	-4.2	-4.2	-3.8	-4.1	-4.2	4000	-10.5
4100	0	0	-0.9	-4.1	-4	-3.7	-4.1	-4.9	-3.9	-3.7	-3.3	-3.5	-3.6	4100	-10.5
4200	0	0	-0.9	-4.2	-4.1	-3.8	-3.8	-4.5	-3.7	-3.4	-2.9	-3	-3.8	4200	-10.5
4300	0	0	-0.8	-4.1	-4.1	-3.9	-4	-4.1	-3.6	-3.4	-2.7	-3	-3.8	4300	-10.5
4400	0	0	-0.7	-3.8	-4.1	-3.9	-4	-3.7	-3.5	-3.5	-2.9	-3.1	-3.75	4400	-10.5
4500	0	0	-0.6	-3.4	-4	-3.7	-3.6	-3.4	-3.4	-3.6	-3.1	-3.5	-3.6	4500	-10.5
4600	0	0	-0.5	-2.8	-3.6	-3.2	-3.3	-3.2	-3.2	-3.7	-3.5	-3.5	-3.4	4600	-10.5
4700	0	0	-0.3	-2.2	-3.2	-2.9	-3	-2.9	-3.1	-3.3	-3.3	-3.2	-3.2	4700	-10.5
4800	0	0	-0.2	-1.8	-2.7	-2	-2.4	-2.4	-2.8	-3.1	-3.2	-2.6	-2.95	4800	-10.5
4900	0	0	-0.1	-1.5	-2.2	-1.5	-1.9	-1.9	-2.3	-2.7	-3	-1.9	-2.65	4900	-10.5
5000	0	0	0	-1.1	-1.7	-1	-1.3	-1.5	-1.9	-1.7	-2.4	-1.6	-2.4	5000	-10.5
5100	0	0	0	-0.9	-1.2	-0.9	-0.8	-1	-1.2	-0.6	-1.9	-1.3	-2.05	5100	-10.5
5200	0	0	0	-0.8	-0.9	-0.7	-0.1	-0.6	-0.8	0	-1.6	-1	-1.5	5200	
5300	0	0	0	-0.6	-0.7	-0.5	0	-0.1	-0.3	0	-1	-0.8	-0.95	5300	
5400	0	0	0	-0.4	-0.5	-0.3	0	0	0	0	-0.8	-0.6	-0.8	5400	
5500	0	0	0	-0.2	-0.3	-0.1	0	0	0	0	-0.6	-0.4	-0.75	5500	
5600	0	0	0	0	-0.1	0	0	0	0	0	-0.4	-0.2	-0.6	5600	
5700	0	0	0	0	0	0	0	0	0	0	-0.2	0	-0.5	5700	
5800	0	0	0	0	0	0	0	0	0	0	-0.2	0	-0.4	5800	
5900	0	0	0	0	0	0	0	0	0	0	-0.2	0	-0.4	5900	
6000	0	0	0	0	0	0	0	0	0	0	-0.2	0	-0.4	6000	

AREA22
W-E

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
0	0	-0.8	-0.1	-0.2	-0.2	-0.2	0	0	0	-0.1	0	0	0
100	0	-0.9	-0.2	-0.3	-0.3	-0.3	0	0	0	-0.2	0	0	0
200	0	-0.8	-0.3	-0.4	-0.4	-0.4	0	0	0	-0.2	0	0	0
300	0	-0.7	-0.4	-0.5	-0.5	-0.5	0	0	0	-0.3	0	0	-0.15
400	0	-0.7	-0.5	-0.6	-0.6	-0.6	0	0	0	-0.3	0	0	-0.3
500	0	-0.8	-0.6	-0.7	-0.7	-0.7	0	0	0	-0.5	0	0	-0.5
600	0	-0.9	-0.7	-0.8	-0.8	-0.8	0	-0.5	-0.5	-0.8	-0.5	-0.1	-0.7
700	0	-1	-0.8	-0.9	-0.9	-0.9	-0.8	-1.1	-1.2	-1.4	-1.1	-0.85	-1.05
800	0	-1.5	-0.9	-1.3	-1.2	-1.1	-1.3	-1.7	-2	-1.9	-0.7	-1.5	-1.5
900	0	-1.9	-1.1	-1.7	-1.9	-1.8	-1.8	-2.3	-2.5	-2.4	-2.2	-2.1	-1.9
1000	0	-2.3	-1.6	-2	-2.3	-2.4	-2.2	-2.7	-3.1	-2.8	-2.8	-2.7	-2.6
1100	0	-2.7	-2	-2.7	-3	-3	-2.7	-3.2	-3.8	-3.2	-3.3	-3.3	-3.2
1200	0	-3	-2.8	-3.2	-3.5	-3.6	-3	-3.7	-4.3	-3.7	-3.9	-3.95	-4.1
1300	0	-3.4	-3.4	-3.7	-4	-4.1	-3.4	-4.2	-4.9	-4.3	-4.2	-4.4	-5.1
1400	0	-3.6	-4	-4.2	-4.5	-4.8	-3.8	-4.5	-5.4	-5	-4.6	-4.9	-6.25
1500	0	-3.5	-4.5	-4.5	-5	-5.2	-4.2	-4.9	-5.9	-5.6	-4.95	-5.3	-7.15
1600	0	-3.5	-5.1	-4.7	-5.3	-5.4	-4.4	-5.3	-6.2	-6.1	-5.2	-5.5	-7.3
1700	0	-3.9	-5.2	-4.9	-5.7	-5.3	-4.4	-5.4	-6.2	-6.2	-5	-5.3	-6.6
1800	0	-4.1	-5.3	-5	-5.9	-5.1	-4.2	-5	-6	-5.5	-4.7	-5.2	-5.6
1900	0	-3	-5	-4.1	-4.9	-4.3	-3.9	-4.8	-4.8	-4.5	-4.2	-4.6	-4.8
2000	0	-2	-4.8	-3.2	-3.9	-3.8	-3.5	-4.7	-4	-3.9	-3.8	-3.8	-4.45
2100	0	-2	-4.8	-2.7	-3.8	-3.7	-3.8	-4.8	-3.9	-3.8	-3.7	-4.1	-4.3
2200	0	-2.5	-4.7	-2.1	-4.1	-3.8	-4	-4.9	-4.1	-4	-3.6	-4.3	-4.3
2300	0	-3	-4.5	-2.8	-4.2	-4	-5.1	-4.8	-4.4	-4.3	-3.6	-4.5	-4.75
2400	0	-3.5	-4.5	-4	-4.1	-4.1	-6.1	-4.6	-4.5	-4.5	-3.8	-4.7	-5.1
2500	0	-3.4	-4.6	-5	-3.8	-4.2	-6.4	-4.3	-4.2	-4.2	-4.1	-4.8	-5.6
2600	0	-3.4	-4.7	-5.1	-3.8	-4.4	-6	-3.9	-3.9	-3.9	-4.5	-5.1	-6.05
2700	0	-3.3	-4.8	-5.1	-4.1	-4.6	-5.4	-3.6	-3.7	-3.8	-5	-5.6	-5.6
2800	0	-2.1	-5	-5.2	-4	-4.8	-5	-3.5	-3.7	-4.3	-5.2	-6.1	-5.25
2900	0	-2.9	-5	-5.3	-5.2	-5.2	-5	-3.7	-4	-5	-5.4	-6.3	-5.4
3000	0	-1.8	-5	-5.4	-6.1	-5.8	-5.1	-4.1	-4.2	-5.2	-5.5	-6.1	-6.15
3100	0	-2	-5	-5.3	-6.2	-6.3	-5.1	-4.4	-4.5	-5.2	-5.4	-6.1	-6
3200	0	-2.6	-4	-5.2	-6	-6.3	-4.7	-4.3	-4.2	-5	-5.2	-5.8	-5.5
3300	0	-3.2	-3.7	-5.1	-5	-6	-3.8	-3.9	-4	-4.1	-5	-5.4	-4.9
3400	0	-2	-2.5	-3.5	-3.2	-4.5	-2.9	-3.7	-2.8	-3	-3.8	-4.6	-4.5
3500	0	-1.1	-2.9	-2.1	-2	-3.1	-2.5	-3.4	-2.5	-2.8	-2.9	-3.9	-3.9
3600	0	-1.1	-3.5	-2.8	-3	-4	-2.9	-3.2	-2.8	-2.7	-3.9	-3.6	-4.5
3700	0	-1.5	-4.3	-3.5	-3.8	-4.3	-4	-3.4	-3.2	-2.7	-4.2	-3.7	-4.6
3800	0	-2.1	-4.7	-4.7	-4.3	-4.7	-5.8	-3.7	-3.6	-2.9	-4.7	-3.9	-4.8
3900	0	-3	-4.9	-5.2	-4.8	-5	-7.6	-4	-4.2	-4.2	-5	-4.9	-5.4
4000	0	-3.3	-5.2	-6.1	-5.2	-5.6	-8	-4.4	-5	-5.2	-5.9	-6	-6.4

AREA22
W-E

		WORKINGS
0	0	
100	100	
200	200	
300	300	
400	400	-9
500	500	-9
600	600	-9
700	700	-9
800	800	-9
900	900	-9
1000	1000	-9
1100	1100	-9
1200	1200	-9
1300	1300	-9
1400	1400	-9
1500	1500	-9
1600	1600	-9
1700	1700	-9
1800	1800	-9
1900	1900	-9
2000	2000	-9
2100	2100	-9
2200	2200	-9
2300	2300	-9
2400	2400	-9
2500	2500	-9
2600	2600	-9
2700	2700	-9
2800	2800	-9
2900	2900	-9
3000	3000	-9
3100	3100	-9
3200	3200	-9
3300	3300	-9
3400	3400	-9
3500	3500	-9
3600	3600	-9
3700	3700	-9
3800	3800	-9
3900	3900	-9
4000	4000	-9

4100	0	-3.3	-5.5	-6	-5.8	-6	-7	-5	-5.2	-5.2	-6.8	-6.2	-7.1	4100	-9
4200	0	-3	-5.9	-6.5	-6.3	-6.6	-6.3	-5.2	-5.6	-5.2	-7.7	-6.4	-6.9	4200	-9
4300	0	-2.8	-6	-7.2	-6.9	-7	-5.9	-5.7	-6	-5.5	-8.2	-6.4	-6.5	4300	-9
4400	0	-2.9	-6	-7.2	-7.1	-7.2	-5.7	-6.2	-5.7	-5.8	-8.3	-6.3	-6	4400	-9
4500	0	-2.9	-6	-6.5	-6.7	-7.1	-5.4	-6.2	-5.4	-6.1	-7.7	-6.2	-5.75	4500	-9
4600	0	-2.6	-5.2	-6.7	-6	-6.7	-5.2	-5.7	-5.2	-6.1	-6.9	-6.1	-5.4	4600	-9
4700	0	-2.1	-4.5	-4.9	-5	-5.7	-4.4	-4.9	-4.8	-5.4	-5.8	-5.6	-5.2	4700	-9
4800	0	-1.1	-3.5	-3.1	-3.8	-3.8	-3.5	-3.9	-3.2	-4	-4.5	-4.5	-4.75	4800	-9
4900	0	-0.9	-2.7	-2.3	-3.2	-3.7	-3	-3.5	-2.5	-3.7	-3.9	-3.8	-4.3	4900	-9
5000	0	-1.1	-2.7	-2.5	-3	-3.8	-3	-3.1	-1.8	-3.5	-3.8	-3.9	-4.4	5000	-9
5100	0	-1.3	-3.5	-3	-3.5	-4.2	-3.5	-2.9	-1.9	-3.5	-4.2	-4.2	-4.85	5100	-9
5200	0	-1.5	-4	-3.4	-4	-4.7	-4	-3	-2.2	-3.7	-4.4	-4.2	-5.6	5200	-9
5300	0	-1.7	-4	-3.7	-4.8	-5.1	-5	-3.3	-2.4	-4	-4.7	-4	-6.6	5300	-9
5400	0	-1.9	-3.9	-4	-5.1	-5.6	-6	-3.7	-2.7	-4.5	-4.9	-3.7	-7.4	5400	-9
5500	0	-2	-3.9	-4.5	-5	-5.5	-6.5	-4.2	-2.9	-5	-5.2	-3.8	-7.5	5500	-9
5600	0	-2.1	-4.7	-5	-5	-5.5	-6.3	-4.6	-3.2	-5.4	-5.8	-4.1	-7.4	5600	-9
5700	-0.9	-3.3	-5.5	-6.2	-5.3	-5.5	-5.3	-5.1	-3.6	-5.7	-6.1	-4.8	-7	5700	-9
5800	-1.3	-2.5	-6	-7.3	-5.5	-5.5	-4.4	-5.6	-4.1	-5.9	-6.3	-5.2	-6.2	5800	-9
5900	-1.8	-2.8	-6	-7	-5.3	-5.4	-4	-5.3	-4.5	-5.7	-6.2	-5.3	-5.65	5900	-9
6000	-1	-3.1	-5.5	-5.9	-5.3	-5.3	-4.2	-5.1	-4.9	-5.5	-6	-5.3	-5.3	6000	-9
6100	-1.7	-3.3	-5.3	-5.1	-5.1	-5.2	-4.4	-5.2	-5.1	-5.3	-6.1	-5.1	-5.4	6100	-9
6200	-1.8	-3.1	-5	-4.8	-4.8	-5.1	-4.2	-5	-4.8	-5	-5.6	-4.8	-5.2	6200	-9
6300	-0.7	-2	-4.8	-4.6	-4.6	-5	-3.8	-4.7	-4	-4.4	-4.9	-4.2	-4.8	6300	-9
6400	-0.8	-1.8	-4.5	-4.4	-4.3	-4.6	-3.6	-4.4	-3.6	-4	-4.7	-3.9	-4.5	6400	-9
6500	-1.3	-1.9	-4.3	-4.2	-4	-4.8	-3.4	-4.2	-3.4	-4	-5.1	-4.1	-4.25	6500	-9
6600	-1.6	-1.8	-4	-3.5	-3.2	-4.2	-3	-3.7	-2.9	-3.4	-4.5	-3.6	-3.9	6600	-9
6700	-0.8	-1.9	-2.8	-2.1	-2.2	-3.1	-2	-2.6	-1.8	-2.6	-3.2	-2.6	-2.8	6700	-9
6800	-0.6	-0.8	-1.9	-1.3	-1.1	-1.9	-1	-1.5	-0.9	-1.5	-2.1	-1.6	-1.8	6800	-9
6900	-0.5	-0.7	-1	-1	-0.9	-1	-0.6	-0.8	-0.3	-0.7	-1.3	-0.9	-1	6900	-9
7000	-0.2	-0.6	-0.8	-0.8	-0.8	-1.2	0	0	-0.3	0	-0.8	-0.7	-0.2	7000	-9
7100	0	-0.5	-0.7	-0.6	-0.6	-1.1	0	0	0	0	-0.4	-0.5	0	7100	
7200	0	-0.4	-0.6	-0.4	-0.4	-1.1	0	0	0	0	0	-0.4	0	7200	
7300	0	-0.3	-0.5	-0.2	-0.2	-0.9	0	0	0	0	0	-0.3	0	7300	
7400	0	-0.2	-0.4	0	0	-0.5	0	0	0	0	0	-0.1	0	7400	
7500	0	-0.1	-0.3	0	0	0	0	0	0	0	0	0	0	7500	

AREA 23
N-S

AREA 23
N-S

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKING
0	-1.1	-1	-1	-2.1	-1.5	-0.9	-2.7	-0.5	-1.5	-0.3	0	-1.2	-0.6	0	
100	-1.2	-1.5	-1.5	-2.4	-1.7	-1	-3.1	-0.8	-1.7	-0.4	0	-1.4	-1.1	100	
200	-1.5	-1.9	-1.7	-2.7	-2	-1.3	-3.4	-1	-1.8	-0.6	0	-1.7	-1.45	200	
300	-1.7	-2.2	-1.9	-3	-2.4	-1.7	-3.8	-1.4	-1.9	-0.8	0	-1.9	-1.7	300	
400	-2	-2.8	-2.1	-3.5	-2.7	-2.1	-4.1	-1.9	-2.3	-1	0	-2.3	-2.2	400	-9
500	-2.7	-3.1	-2.9	-4.2	-3.1	-2.7	-4.5	-2.3	-2.8	-1.4	-0.4	-2.8	-2.9	500	-9
600	-3.2	-3.5	-3.4	-4.5	-3.5	-3.2	-4.9	-2.7	-3.3	-1.8	-0.9	-3.5	-3.7	600	-9
700	-3.7	-3.9	-3.8	-4.7	-4	-3.8	-5.6	-3.3	-3.8	-2.5	-1.8	-4.1	-4.5	700	-9
800	-5	-5	-5.1	-5.8	-5	-4.9	-6.5	-4.3	-4.6	-3.4	-3	-5.2	-5.3	800	-9
900	-6.3	-6.1	-6.2	-7.2	-6.2	-6	-7.1	-5.2	-5.2	-4.2	-4.2	-6	-6.05	900	-9
1000	-6.1	-6.2	-6	-7.1	-6.2	-5.7	-7.4	-5.6	-5.5	-4.4	-4.3	-6.2	-6.3	1000	-9
1100	-5.9	-5.9	-5.9	-6.9	-6.3	-6	-7.7	-6.1	-5.8	-4.7	-4.5	-6.5	-6.6	1100	-9
1200	-6.1	-6.3	-6.1	-7.2	-6.4	-6.1	-8	-6.2	-6.2	-5	-4.6	-6.8	-6.9	1200	-9
1300	-6.2	-6.4	-6.6	-7.5	-6.6	-6.3	-8.2	-6.4	-6.5	-5.4	-4.7	-7	-7.3	1300	-9
1400	-6.3	-6.5	-6.5	-7.2	-6.7	-6.5	-8	-6.6	-6.8	-5.8	-4.8	-6.8	-7.8	1400	-9
1500	-6.1	-6.8	-6.7	-6.9	-6.9	-6.7	-8	-6.8	-7.1	-6	-4.9	-6.7	-8.1	1500	-9
1600	-6	-7	-6.9	-7.8	-7.1	-6.9	-8.1	-6.9	-6.9	-5.5	-5	-6.9	-7.75	1600	-9
1700	-5.6	-7.3	-7	-8.4	-7.2	-7.2	-8.2	-6.9	-6.8	-5.7	-5.2	-7	-7.1	1700	-9
1800	-5	-7.2	-7	-8.3	-7.2	-7.4	-8.1	-6.9	-6.7	-5.6	-5.1	-7	-6.85	1800	-9
1900	-4	-7	-6.8	-7.8	-7	-7.3	-8	-6.6	-6.3	-5.5	-4.8	-6.8	-6.6	1900	-9
2000	-4.6	-6.9	-6.7	-7.7	-6.9	-7.1	-7.8	-6.3	-6.3	-5.4	-4.7	-6.6	-6.4	2000	-9
2100	-2.9	-6.8	-6.5	-7.6	-6.9	-7	-7.7	-5.9	-6.3	-5.5	-4.7	-6.5	-6.4	2100	-9
2200	-2.8	-6.7	-6.5	-7.6	-6.8	-6.9	-7.5	-5.7	-6.4	-5.4	-4.9	-6.5	-6.4	2200	-9
2300	-2.7	-6.7	-6.6	-7.5	-6.7	-6.8	-7.4	-5.8	-6.4	-5.3	-5.1	-6.5	-6.4	2300	-9
2400	-2.4	-6.5	-6.5	-7.4	-6.6	-6.8	-7.4	-5.9	-6.4	-5.3	-4.8	-6.6	-6.4	2400	-9
2500	-2.3	-6.5	-6.4	-7.3	-6.5	-6.7	-7.3	-5.8	-6.4	-5.2	-4.8	-6.5	-6.4	2500	-9
2600	-2.1	-6.4	-6.3	-7.3	-6.5	-6.6	-7.3	-5.7	-6.3	-5.2	-4.9	-6.4	-6.3	2600	-9
2700	-2	-6.4	-6.2	-7.2	-6.4	-6.5	-7.3	-5.7	-6.2	-5.1	-4.9	-6.3	-6.3	2700	-9
2800	-1.2	-6.4	-6.2	-7.1	-6.3	-6.4	-7.4	-5.6	-6.2	-5.1	-4.7	-6.3	-6.3	2800	-9
2900	-0.7	-6.5	-6.1	-7.1	-6.2	-6.3	-7.4	-5.5	-6.4	-5.1	-4.8	-6.5	-6.3	2900	-9
3000	-0.2	-6.1	-6.1	-7	-6.1	-6.2	-7.5	-5.3	-6.5	-5.1	-5.1	-6.5	-6.3	3000	-9
3100	0	-5.8	-5.9	-6.6	-6.1	-6.1	-7.5	-5.1	-6.3	-4.7	-5.2	-6.5	-6.1	3100	-9
3200	0	-5.5	-5.3	-6.1	-5.4	-6	-7.1	-4.8	-5.9	-4.2	-4.5	-6	-5.5	3200	-9
3300	0	-4.9	-4	-5.2	-4.4	-5	-6.3	-3.8	-4.95	-3.3	-3.7	-5	-4.5	3300	-9
3400	0	-3.5	-3	-4.3	-3.6	-3.7	-5.4	-2.9	-4	-2.2	-2.8	-4	-3.4	3400	-9
3500	0	-2.9	-1.9	-3.8	-2.8	-2.8	-4.6	-2.3	-3.3	-1.6	-2.2	-3.2	-2.8	3500	-9
3600	0	-2.8	-1.8	-3.3	-2.7	-2.7	-3.9	-1.8	-2.8	-1	-1.7	-2.8	-2.4	3600	-9
3700	0	-2.4	-1.7	-3	-2.6	-2.6	-3.4	-1.4	-2.2	-0.8	-1.3	-2.6	-2.1	3700	
3800	0	-2.1	-1.5	-2.7	-2.5	-2.5	-2.9	-1	-1.8	-0.7	-0.8	-2.5	-1.8	3800	
3900	0	-1.8	-1.2	-2.4	-2.4	-2.4	-2.8	-0.9	-1.8	-0.6	-0.7	-2.3	-1.5	3900	
4000	0	-2	-1	-2.1	-2.3	-2.3	-2.9	-1	-1.8	-0.6	-1	-2.3	-1.7	4000	

AREA 23
W-E

AREA 23
W-E

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKING
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
100	0	0	0	0	0	0	0	0	0	0	0	-0.1	0	100	
200	0	0	0	0	0	0	0	0	0	0	0	-0.15	0	200	
300	0	0	0	0	-0.2	0	0	0	0	0	0	-0.2	0	300	
400	0	0	0	0	-0.4	0	0	0	0	0	0	-0.25	0	400	
500	0	0	0	0	-0.6	0	0	0	0	0	0	-0.3	0	500	
600	0	0	0	0	-0.8	0	0	0	0	0	0	-0.35	0	600	
700	0	0	0	0	-0.7	0	0	0	0	0	0	-0.4	0	700	
800	0	0	0	0	-0.6	0	0	0	0	0	0	-0.5	0	800	
900	0	0	0	0	-0.7	0	0	0	0	0	0	-0.6	-0.05	900	
1000	0	0	0	-0.1	-0.7	0	0	0	0	0	0	-0.7	-0.1	1000	
1100	0	0	0	-0.3	-0.7	0	-0.1	0	0	0	0	-0.7	-0.2	1100	
1200	0	0	0	-0.5	-0.8	-0.1	-0.2	0	0	0	0	-0.8	-0.3	1200	
1300	0	0	0	-0.7	-0.9	-0.2	-0.1	-0.1	0	0	0	-0.8	-0.4	1300	
1400	-0.3	-0.3	-0.2	-0.9	-1	-0.3	-0.1	-0.2	0	0	0	-0.9	-0.5	1400	
1500	-0.6	-0.4	-0.3	-1.1	-1.1	-0.4	-0.1	-0.3	0	0	0	-0.95	-0.6	1500	
1600	-0.9	-0.5	-0.4	-1.5	-1.2	-0.5	-0.2	-0.4	0	0	0	-1	-0.7	1600	-9
1700	-0.7	-0.6	-0.5	-2	-1.3	-0.6	-0.4	-0.5	0	0	0	-1.2	-0.8	1700	-9
1800	-0.5	-0.7	-0.6	-2	-1.5	-0.7	-0.6	-0.6	-0.1	0	0	-1.4	-0.9	1800	-9
1900	-0.3	-0.8	-0.7	-1.9	-1.6	-0.8	-0.8	-0.8	-0.3	0	0	-1.6	-1	1900	-9
2000	0	-0.9	-0.8	-2	-1.7	-0.9	-1.1	-0.9	-0.5	0	0	-1.8	-1.4	2000	-9
2100	0	-1.1	-0.9	-2.4	-1.9	-1.4	-1.7	-1.2	-0.8	0	0	-1.9	-1.85	2100	-9
2200	0	-1.9	-1.3	-2.8	-2.2	-1.8	-2.3	-1.7	-1.2	-0.3	0	-2.4	-2.35	2200	-9
2300	0	-2.3	-2	-3.2	-2.6	-2.3	-3	-2.1	-1.7	-0.7	0	-2.7	-2.85	2300	-9
2400	0	-3.1	-2.5	-3.7	-3	-2.8	-3.6	-2.5	-2.1	-1.4	-0.2	-3.1	-3.3	2400	-9
2500	0	-3.6	-3.1	-4.2	-3.4	-3.2	-4.1	-2.8	-2.5	-1.7	-0.8	-3.4	-3.75	2500	-9
2600	0	-4	-3.3	-4.5	-3.8	-3.3	-4.4	-3.1	-2.9	-2.1	-1.1	-3.7	-4.05	2600	-9
2700	0	-4.2	-3.5	-4.3	-4.1	-3.4	-4.7	-3.2	-2.9	-2.4	-1.3	-3.9	-4.3	2700	-9
2800	0	-4.3	-3.8	-4.1	-4.2	-3.5	-4.9	-3.4	-2.9	-2.4	-1.3	-4.1	-4.2	2800	-9
2900	0	-4	-3.9	-4.1	-4.3	-3.7	-5	-3.5	-2.95	-2.3	-1.3	-4.7	-3.95	2900	-9
3000	0	-4.1	-4.1	-4.9	-4.4	-3.9	-5	-3.6	-3.1	-2.4	-1.3	-4.7	-3.8	3000	-9
3100	0	-4.2	-4	-4.9	-4.5	-3.7	-5.1	-3.7	-3.5	-2.5	-1.3	-4.3	-3.9	3100	-9
3200	0	-4.4	-4	-4.8	-4.6	-3.9	-5.2	-3.8	-3.5	-2.6	-1.4	-4.5	-4	3200	-9
3300	-0.2	-4.5	-4.2	-4.9	-4.7	-4.2	-5.4	-3.9	-3.8	-2.7	-1.7	-4.7	-4.25	3300	-9
3400	-0.4	-4.6	-4.4	-5.2	-4.8	-4.5	-5.6	-4	-3.8	-2.8	-2	-4.8	-4.5	3400	-9
3500	-0.8	-4.7	-4.6	-5.5	-4.9	-4.7	-5.8	-4.4	-3.95	-3	-2.6	-4.9	-4.7	3500	-9
3600	-0.9	-4.9	-4.8	-5.8	-5	-5.2	-6.2	-4.8	-4.4	-3.6	-3.1	-5	-4.9	3600	-9
3700	-1.3	-5.3	-5.2	-6.5	-5.7	-5.8	-6.8	-5.2	-5.1	-4.2	-3.6	-5.7	-5.35	3700	-9
3800	-2.4	-6.1	-6.1	-7.5	-6.4	-6.4	-7.2	-5.7	-5.8	-4.8	-4.1	-6.2	-5.9	3800	-9
3900	-2.8	-6.2	-6.2	-7.5	-6.5	-6.8	-7.6	-6.1	-6.1	-5	-4.4	-6.3	-6.3	3900	-9

AREA 23

4000	-3.5	-6.3	-6.3	-7.4	-6.6	-7.1	-7.8	-6.2	-6.2	-5.3	-4.4	-6.5	-6.4	4000	-9
4100	-3.9	-6.4	-6.4	-7.4	-6.6	-6.9	-7.8	-6.3	-6.4	-5.5	-4.6	-6.6	-6.4	4100	-9
4200	-4.4	-6.5	-6.6	-7.4	-6.7	-6.9	-7.8	-6.5	-6.6	-5.7	-4.7	-6.8	-6.4	4200	-9
4300	-4.8	-6.6	-6.7	-7.3	-6.7	-7.2	-7.9	-6.6	-6.6	-5.8	-4.8	-6.9	-6.5	4300	-9
4400	-5.2	-6.7	-6.9	-7.3	-6.8	-7.3	-7.9	-6.7	-6.7	-5.8	-5	-7.1	-6.5	4400	-9
4500	-5.5	-6.8	-6.9	-7.4	-6.7	-7.3	-7.9	-6.8	-6.8	-5.8	-5.4	-7.2	-6.6	4500	-9
4600	-5.7	-6.9	-6.9	-7.4	-6.8	-7.3	-7.3	-6.9	-6.8	-5.8	-5.7	-7.4	-6.7	4600	-9
4700	-5.9	-7	-6.8	-7.5	-6.9	-7.4	-7.3	-7.1	-6.9	-5.8	-5.9	-7.6	-6.75	4700	-9
4800	-6	-7.1	-6.9	-7.5	-7	-7.4	-7.4	-7.4	-6.95	-5.9	-6	-7.8	-6.8	4800	-9
4900	-6	-6.9	-7.1	-7.5	-7.1	-7.3	-7.5	-7.2	-7	-5.8	-6.1	-7.9	-6.8	4900	-9
5000	-6.1	-6.7	-7.2	-7.4	-7.2	-7.4	-7.4	-7	-7.1	-5.7	-6.4	-7.9	-6.8	5000	-9
5100	-5.4	-6.4	-6.7	-7.2	-7	-7.2	-7.2	-6.6	-6.7	-5.4	-6.2	-7.5	-6.5	5100	-9
5200	-4.6	-6.2	-6.2	-6.5	-6.3	-6.9	-6.7	-6.2	-6.1	-5.2	-5.9	-7	-5.9	5200	-9
5300	-4	-5.5	-5.4	-5.7	-5.6	-6.1	-5.8	-5.4	-5.2	-4.5	-5.1	-6.3	-5.2	5300	-9
5400	-3.4	-4.8	-4.8	-4.8	-5	-5.3	-5.2	-4.8	-4.7	-3.7	-4.1	-5.6	-4.6	5400	-9
5500	-2.8	-4.3	-4.3	-4.6	-4.6	-4.7	-4.7	-4.3	-4.2	-3	-3.6	-5	-4.2	5500	-9
5600	-2.4	-3.9	-3.8	-4.2	-4.1	-4.2	-4.3	-3.9	-3.8	-2.5	-3.2	-4.6	-3.7	5600	-9
5700	-2.1	-3.5	-3.5	-3.8	-3.6	-3.7	-3.7	-3.7	-3.2	-2.2	-2.7	-4.1	-3.3	5700	-9
5800	-1.9	-3.1	-3	-3.5	-3	-3.5	-2.9	-3.4	-2.9	-1.9	-2.3	-3.7	-2.85	5800	
5900	-1.2	-2.8	-2.7	-3	-2.8	-3.3	-2.3	-3.2	-2.6	-1.7	-1.9	-3.2	-2.6	5900	
6000	0	-2.7	-2.5	-2.7	-2.5	-3	-2	-3.1	-2.3	-1.6	-1.7	-2.9	-2.4	6000	

AREA 24
N-S

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKING
0	0	0	0	0	0	0		0	0	0	0	0	0	0	
100	0	0	0	0	0	0		0	0	0	0	0	0	100	
200	0	0	0	0	0	0		0	0	0	0	0	0	200	
300	0	0	0	0	0	0		0	0	0	0	0	0	300	-7.8
400	0	0	0	0	0	0		0	0	0	0	0	0	400	-7.8
500	0	0	0	0	0	0		0	0	0	0	0	0	500	-7.8
600	0	0	0	0	0	0	0	0	0	0	0	0	0	600	-7.8
700	0	0	0	0	0	0	0	0	0	0	0	0	0	700	-7.8
800	0	0	0	0	0	0	0	0	0	0	0	0	0	800	-7.8
900	0	0	0	0	0	0	0	0	0	0	0	0	0	900	-7.8
1000	0	0	0	0	0	0	0	0	0	0	0	0	0	1000	-7.8
1100	0	0	0	0	0	0	0	0	0	0	0	0	0	1100	-7.8
1200	0	0	0	0	0	0	0	0	0	0	0	0	0	1200	-7.8
1300	0	0	0	0	0	0	0	0	0	0	0	0	0	1300	
1400	0	0	0	0	0	0	0	0	0	0	0	0	0	1400	
1500	0	0	0	0	0	0	0	0	0	0	0	0	0	1500	
1600	0	0	0	0	0	0	0	0	0	0	0	0	0	1600	
1700	0	0	0	0	0	0	0	0	0	0	0	0	0	1700	
1800	0	0	0	0	0	0	0	0	-0.1	0	0	-0.2	-0.7	1800	
1900	0	0	0	0	0	0	0	0	-0.3	-0.2	0	-0.3	-1.1	1900	-7.8
2000	0	0	0	0	0	0	0	0	-0.5	-0.4	0	-0.4	-0.9	2000	-7.8
2100	0	0	0	0	0	0	0	0	-0.7	-0.6	0	-0.5	-0.8	2100	-7.8
2200	0	0	0	0	0	0	0	0	-0.9	-0.8	0	-0.7	-0.9	2200	-7.8
2300	0	0	0	0	0	0	0	0	-1.1	-1	0	-0.9	-1.5	2300	-7.8
2400	0	0	0	0	0	-0.1	0	-0.5	-1.6	-1.5	-0.1	-1.3	-2.2	2400	-7.8
2500	0	0	0	0	-0.2	-0.3	-0.2	-1	-2.1	-2	-0.4	-1.8	-2.9	2500	-7.8
2600	0	0	0	0	-0.4	-0.5	0	-1	-2.2	-2.4	-0.7	-2.2	-3.2	2600	-7.8
2700	0	0	0	0	-0.6	-0.7	0	-1	-2.4	-2.9	-1	-2.4	-3.4	2700	-7.8
2800	0	0	0	0	-0.8	-0.9	-0.2	-1.1	-2.7	-3.1	-1.3	-2.6	-3.6	2800	-7.8
2900	0	0	0	0	-1	-1.5	-0.7	-1.5	-2.8	-3.3	-1.5	-2.9	-3.7	2900	-7.8
3000	0	0	0	0	-1.5	-2.1	-1.2	-1.9	-2.95	-3.6	-1.8	-3	-3.9	3000	-7.8
3100	0	0	0	0	-1.9	-2.9	-1.6	-2.5	-3.5	-3.9	-1.9	-3.2	-4	3100	-7.8
3200	0	0	0	0	-2.3	-3.2	-2.1	-3.1	-4	-4	-2.1	-4	-4.8	3200	-7.8
3300	0	0	0	0	-2.8	-3.4	-2.2	-3.3	-4.2	-4.1	-2.3	-4	-5.1	3300	-7.8
3400	0	0	0	0	-3.1	-3.6	-2.4	-3.5	-4.4	-4.1	-2.7	-3.8	-5.2	3400	-7.8
3500	0	0	0	0	-3.1	-3.8	-2.6	-3.7	-4.5	-4.2	-2.9	-3.9	-5.4	3500	-7.8
3600	0	0	0	0	-3	-3.9	-2.8	-3.9	-4.6	-4.2	-3.1	-4.1	-5.3	3600	-7.8
3700	0	0	0	-0.1	-3.1	-4	-3	-4	-4.7	-4.2	-3.3	-4.5	-5.3	3700	-7.8
3800	0	0	0	-0.3	-3.7	-4.7	-3.2	-4.4	-4.9	-4.1	-3.7	-4.7	-5.3	3800	-7.8
3900	0	0	0	-0.5	-4	-4.7	-3.3	-4.8	-5.1	-4.1	-4.1	-4.9	-5.3	3900	-7.8
4000	0	0	0	-0.7	-4.1	-4.7	-3.5	-5.2	-5.2	-4.1	-4.2	-5.1	-5.3	4000	-7.8

4100	0	0	0	-0.9	-4.3	-4.9	-3.6	-5	-5.3	-4.1	-3.9	-5.2	-5.3	4100	-7.8
4200	0	0	0	-1.2	-4.4	-5.3	-3.7	-4.8	-5.3	-4.1	-3.5	-5.2	-5.3	4200	-7.8
4300	0	0	0	-1.5	-4.6	-5.3	-3.8	-4.7	-5.2	-4.1	-3.2	-5.2	-5.3	4300	-7.8
4400	0	0	0	-1.7	-4.7	-5	-3.9	-4.9	-4.9	-4.1	-3.2	-5.3	-5.2	4400	-7.8
4500	0	0	0	-2	-4.8	-5.3	-4.1	-5.1	-4.8	-4.1	-3.5	-5.1	-5.1	4500	-7.8
4600	0	0	0	-2.8	-5	-5.4	-4.2	-5.2	-4.5	-4.1	-3.2	-4.9	-5.1	4600	-7.8
4700	0	0	0	-3.4	-5.1	-5.5	-4.3	-5.2	-4.2	-4.2	-3	-5.2	-5.3	4700	-7.8
4800	0	0	0	-4	-5.1	-5.6	-4.2	-5.3	-4.1	-4.3	-2.8	-5.3	-5.7	4800	-7.8
4900	0	0	0	-4.1	-5	-5.7	-4.1	-5.3	-3.9	-4.4	-3	-5.1	-6	4900	-7.8
5000	0	0	0	-4.2	-4.8	-5.8	-3.8	-5.4	-3.8	-4.5	-3.1	-5	-6.1	5000	-7.8
5100	0	0	0	-4.3	-4.7	-5.9	-3.9	-5.4	-3.8	-4.6	-2.8	-4.9	-5.9	5100	-7.8
5200	0	0	0	-4.4	-4.5	-6	-4.1	-5.4	-3.8	-4.7	-2.7	-4.9	-5.8	5200	-7.8
5300	0	0	0	-4.5	-4.6	-6.3	-4.2	-5.5	-3.9	-4.8	-3	-5.1	-5.7	5300	-7.8
5400	0	0	0	-4.6	-4.7	-6.6	-4.3	-5.5	-4.1	-4.9	-3.3	-5.2	-5.8	5400	-7.8
5500	0	0	0	-4.7	-4.7	-7	-4.1	-5.6	-4.4	-5.2	-3.4	-5.6	-6	5500	-7.8
5600	0	0	-0.8	-4.8	-4.8	-7.1	-3.9	-5.65	-4.6	-5.6	-3.8	-6	-6.1	5600	-7.8
5700	0	0	-0.9	-4.9	-4.8	-6.8	-3.8	-5.7	-4.9	-5.9	-4.1	-6.2	-6.2	5700	-7.8
5800	0	0	-1.2	-5.1	-4.9	-6.7	-4	-5.75	-5	-6.1	-4.3	-6.3	-6.4	5800	-7.8
5900	0	-0.6	-1.9	-5.3	-5	-6.8	-4.5	-5.8	-5.2	-6.3	-4.5	-6.3	-6.4	5900	-7.8
6000	0	-0.7	-2.9	-5.5	-5.2	-7	-5	-5.9	-5.2	-6.2	-4.3	-6.1	-6.2	6000	-7.8
6100	0	-0.8	-3	-5.4	-5.4	-7.1	-5.1	-6	-5	-6	-4.1	-5.8	-6	6100	-7.8
6200	0	-0.9	-4.3	-5.4	-5.6	-7.2	-5.2	-6.2	-4.7	-5.4	-3.6	-5.2	-5.6	6200	-7.8
6300	0	-1	-4.8	-5.4	-5.8	-7.3	-5.3	-6.4	-4.6	-4.9	-3.1	-4.7	-5.1	6300	-7.8
6400	0	-1	-5	-5.4	-6.1	-7.3	-5.4	-6.5	-4.5	-4.4	-2.7	-4.4	-4.8	6400	-7.8
6500	0	-0.9	-5	-5.4	-6.1	-7.2	-5.3	-6.3	-4.3	-4	-2.4	-4	-4.4	6500	-7.8
6600	0	-0.8	-4.8	-5.4	-5.7	-7.1	-5.2	-6.1	-4.1	-3.4	-2.2	-3.8	-4.1	6600	-7.8
6700	0	-0.7	-4.5	-5.5	-5.2	-7	-5.1	-5.9	-4	-2.9	-2.3	-3.7	-4	6700	-7.8
6800	0	-0.6	-4.3	-5	-4.7	-6.4	-4.8	-5.6	-3.7	-2.5	-2.2	-3.7	-3.7	6800	-7.8
6900	0	0	-4.1	-4.8	-4.4	-5.8	-4.2	-5.2	-3.2	-1.8	-2	-3.1	-3.2	6900	-7.8
7000	0	0	-3.5	-4.6	-4	-5.3	-3.8	-4.8	-2.8	-0.9	-1.3	-2.4	-2.5	7000	-7.8
7100	0	0	-2.5	-4.3	-3.8	-4.8	-3.1	-4.3	-2.1	-0.4	-0.7	-1.8	-1.9	7100	-7.8
7200	0	0	-2.5	-4	-3.5	-4.6	-2.8	-4.1	-1.6	0	0	-1.3	-1.4	7200	-7.8
7300	0	0	-2.1	-3.7	-3.2	-4.4	-2.6	-3.9	-1.1	0	0	-0.8	-0.9	7300	-7.8
7400	0	0	-1.9	-3.2	-2.5	-4.1	-2.3	-3.4	-0.9	0	0	-0.7	-0.8	7400	
7500	0	0	-1.5	-2.7	-2	-3.2	-2.1	-3.1	-0.8	0	0	-0.6	-0.6	7500	
7600	0	0	-1	-2.3	-1.5	-2.4	-1.5	-2.3	-0.5	0	0	-0.3	-0.4	7600	
7700	0	0	-0.9	-1.7	-1	-1.8	-0.9	-1.7	-0.3	0	0	-0.1	-0.1	7700	
7800	0	0	-0.8	-1	-0.8	-1.3	-0.2	-0.9	-0.2	0	0	0	0	7800	
7900	0	0	-0.7	-0.8	-0.6	-0.9	0	-0.2	-0.1	0	0	0	0	7900	
8000	0	0	0	-0.6	-0.4	-0.7	0	0	0	0	0	0	0	8000	
8100	0	0	0	-0.4	-0.2	-0.5	0	0	0	0	0	0	0	8100	
8200	0	0	0	-0.2	0	-0.3	0	0	0	0	0	0	0	8200	
8300	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	8300	
8400	0	0	0	0	0	0	0	0	0	0	0	0	0	8400	
8500	0	0	0	0	0	0	0	0	0	0	0	0	0	8500	

AREA 24
W-E

AREA 24
W-E

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		WORKING
0	0	0	-0.2	0	0	0	0	0	0	0	0	-0.4	0	0	
100	0	-0.2	-0.3	0	0	0	0	0	0	0	0	-0.7	-0.1	100	
200	0	-0.3	-0.4	-0.1	0	0	0	0	-0.4	0	-0.1	-1.1	-0.4	200	
300	0	-0.4	-0.5	-0.2	0	-0.2	0	0	-0.6	0	-0.3	-1.3	-0.3	300	
400	0	-0.5	-0.6	-0.3	-0.2	-0.4	0	0	-0.9	0	-0.6	-1.4	0	400	
500	0	-0.6	-0.7	-0.4	-0.4	-0.6	0	-0.4	-1.2	0	-0.7	-1.7	-0.3	500	-7
600	0	-0.7	-0.8	-0.5	-0.6	-0.8	0	-0.8	-1.8	-0.4	-0.9	-1.8	-0.7	600	-7
700	0	-0.8	-0.9	-0.6	-0.8	-1	-0.2	-1.2	-2.4	-1.2	-1.6	-2	-1.3	700	-7
800	0	-0.9	-1.1	-0.7	-1	-1.8	-0.9	-1.9	-3	-1.9	-2.3	-2.7	-2.2	800	-7
900	0	-1	-2	-0.8	-1.7	-2.9	-1.8	-2.6	-3.5	-2.5	-2.9	-3.3	-3.1	900	-7
1000	0	-1.2	-3	-0.9	-2.7	-3.9	-2.5	-3.1	-3.9	-3.2	-3.5	-4	-3.9	1000	-7
1100	0	-1.3	-4	-1	-3.2	-4.7	-3.1	-3.3	-4.2	-3.8	-4.1	-4.2	-4.2	1100	-7
1200	0	-1.1	-4.1	-1.8	-3.3	-5.2	-3.2	-3.4	-4.6	-4.1	-4.2	-4.5	-4.6	1200	-7
1300	0	-0.9	-4.2	-3	-3.5	-5.4	-3.1	-3.6	-4.9	-4	-3.9	-4.8	-4.8	1300	-7
1400	0	-0.8	-4.1	-3.4	-3.6	-5.7	-3	-3.8	-5.1	-3.9	-3.7	-5	-5	1400	-7
1500	0	-0.7	-4	-3.7	-3.8	-5.9	-3.3	-3.9	-4.9	-4	-3.5	-4.8	-4.8	1500	-7
1600	0	-0.6	-4	-4	-3.9	-6.1	-3.7	-4.3	-4.8	-4.3	-3.7	-4.9	-4.7	1600	-7
1700	0	-0.9	-4.3	-4.1	-4	-6.3	-4.2	-4.7	-4.7	-4.5	-4	-5.1	-5.1	1700	-7
1800	0	-1.1	-4.4	-4.2	-3.9	-6.2	-4.3	-5	-4.6	-4.7	-4.2	-5.4	-5.2	1800	-7
1900	0	-0.9	-4.3	-4.3	-3.8	-6.1	-4.2	-5	-4.4	-4.7	-4.3	-5.3	-5.2	1900	-7
2000	0	-0.8	-4.2	-4.2	-3.7	-5.8	-4.1	-4.9	-4.2	-4.6	-4	-5.1	-5	2000	-7
2100	0	-0.7	-4.2	-4	-3.8	-5.7	-3.9	-4.8	-4.1	-4.4	-3.7	-4.9	-4.9	2100	-7
2200	0	-0.8	-4.2	-4	-3.9	-5.8	-3.8	-4.8	-4	-4.3	-3.3	-4.8	-4.9	2200	-7
2300	0	-0.9	-4.4	-4	-3.9	-5.8	-3.9	-4.9	-4.1	-4.5	-3.6	-4.9	-5.1	2300	-7
2400	0	-1.1	-4.8	-4.7	-4	-5.9	-4.1	-5.1	-4.4	-5	-3.9	-5.1	-5.4	2400	-7
2500	0	-1.2	-4.9	-5	-4.1	-6	-4.2	-5.5	-4.8	-5.2	-4	-5.2	-5.6	2500	-7
2600	0	-1.2	-5	-5	-4.2	-6	-4.4	-5.5	-4.9	-5.3	-3.8	-5.3	-5.6	2600	-7
2700	0	-1.2	-5	-4.9	-4.2	-5.9	-4.5	-5.3	-4.8	-5.4	-3.7	-5.2	-5.6	2700	-7
2800	0	-1.2	-4.5	-4.8	-4.1	-5.9	-4.7	-5.2	-4.8	-5.4	-3.8	-5.2	-5.5	2800	-7
2900	0	-1.3	-4	-4.9	-4	-6.1	-4.8	-5.2	-4.7	-5.4	-3.9	-5.1	-5.6	2900	-7
3000	0	-1.3	-4.5	-5	-4.1	-6.1	-4.9	-5.2	-4.6	-5.4	-3.8	-5.2	-6	3000	-7
3100	0	-1.3	-5	-5.1	-4.2	-6.2	-4.9	-5.4	-4.5	-5.4	-3.9	-5.2	-6.1	3100	-7
3200	0	-1.3	-5	-5.1	-4.3	-6.3	-4.9	-5.6	-4.5	-5.4	-3.9	-5.3	-6.1	3200	-7
3300	0	-1.3	-5	-5.2	-4.4	-6.3	-4.8	-5.7	-4.5	-5.4	-3.8	-5.2	-6	3300	-7
3400	0	-1.3	-4	-5.2	-4.5	-6.2	-4.6	-5.8	-4.6	-5.3	-3.6	-5.2	-5.8	3400	-7
3500	0	-1.1	-3.9	-5.3	-4.6	-6.1	-4.7	-5.7	-4.8	-5.3	-3.5	-5.2	-5.7	3500	-7
3600	0	-1	-4	-5.3	-4.7	-6.3	-4.8	-5.8	-4.9	-5.5	-3.5	-5.5	-5.8	3600	-7
3700	0	-0.9	-4.3	-5.2	-4.7	-6.5	-5	-5.9	-5	-5.7	-3.8	-5.7	-6	3700	-7
3800	0	-0.8	-4.4	-5.2	-4.8	-6.4	-5.1	-5.9	-5.1	-6	-4.1	-5.8	-6	3800	-7
3900	0	-0.8	-4.2	-5.1	-4.7	-6.3	-5.2	-6	-5	-6	-3.9	-5.7	-6	3900	-7

AREA 24

4000	0	-0.8	-4.2	-5.1	-4.5	-6.3	-5.2	-6.1	-4.9	-6	-3.8	-5.6	-6	4000	-7
4100	0	-0.7	-4.1	-5	-4.4	-6.2	-5.1	-6.1	-4.8	-6	-3.6	-5.5	-6	4100	-7
4200	0	-0.9	-4.1	-4.4	-4.3	-6.2	-5	-6.1	-4.7	-6	-3.5	-5.4	-6	4200	-7
4300	0	-1	-4	-3.8	-4.2	-6.1	-5	-6.1	-4.9	-5.6	-3.3	-5.3	-6	4300	-7
4400	0	-0.9	-3.5	-3	-4.1	-6	-5	-6	-5.2	-5.4	-3.3	-5.2	-6.1	4400	-7
4500	0	-0.8	-3.5	-2.8	-4	-5.7	-5	-6	-5.7	-5.3	-3.2	-5.1	-6.1	4500	-7
4600	0	-0.7	-3.1	-2.8	-3.8	-5.2	-5	-5.7	-5.5	-5.2	-3.1	-5.05	-6	4600	-7
4700	0	0	-3	-2.8	-3.5	-4.8	-4.6	-5.3	-5.2	-4.8	-2.7	-4.8	-5.5	4700	-7
4800	0	0	-2.5	-2.8	-3.2	-4.3	-4.1	-4.9	-4.85	-4.4	-2.1	-4.3	-5	4800	-7
4900	0	0	-2.4	-2.8	-2.8	-4	-3.8	-4.6	-4.4	-4.1	-1.8	-4	-4.7	4900	-7
5000	0	0	-2	-2.7	-2.5	-3.7	-3.4	-4.2	-4.1	-3.8	-1.6	-3.7	-4.2	5000	-7
5100	0	0	-1.5	-2.6	-2.2	-3.5	-3	-3.7	-3.7	-3	-1.1	-3.4	-3.8	5100	-7
5200	0	0	-1.3	-2.5	-1.8	-3	-2.3	-3.1	-3.2	-2.4	-0.6	-2.9	-3.2	5200	-7
5300	0	0	-0.9	-2.1	-1.6	-2.7	-1.8	-2.6	-2.9	-1.8	-0.1	-2.5	-2.6	5300	-7
5400	0	0	-0.8	-1.8	-1.4	-2.3	-1.5	-2	-2.4	-1.5	0	-2	-2.1	5400	-7
5500	0	0	-0.7	-1.6	-1	-2	-1.1	-1.8	-2.1	-1.3	0	-1.8	-1.7	5500	-7
5600	0	0	0	-1.3	-0.9	-1.9	-1	-1.7	-1.9	-1	0	-1.6	-1.4	5600	-7
5700	0	0	0	-1	-0.8	-1.8	-0.9	-1.4	-1.7	-0.8	0	-1.4	-1.1	5700	-7
5800	0	0	0	-0.8	-0.7	-1.7	-0.7	-1.2	-1.4	-0.6	0	-1.2	-0.9	5800	
5900	0	0	0	-0.6	-0.6	-1.5	-0.5	-0.9	-1.2	-0.4	0	-1.1	-0.8	5900	
6000	0	0	0	-0.4	-0.5	-1.3	-0.4	-0.7	-0.9	-0.2	0	-0.9	-0.5	6000	
6100	0	0	0	-0.2	-0.4	-1.2	-0.3	-0.6	-0.8	0	0	-0.7	-0.3	6100	
6200	0	0	0	0	-0.2	-1.1	-0.2	-0.4	-0.5	0	0	-0.4	-0.4	6200	
6300	0	0	0	0	0	-0.9	-0.1	-0.2	-0.3	0	0	-0.1	-0.4	6300	
6400	0	0	0	0	0	-0.7	0	-0.1	-0.1	0	0	0	-0.4	6400	
6500	0	0	0	0	0	-0.5	0	0	-0.1	0	0	0	-0.2	6500	
6600	0	0	0	0	0	-0.3	0	0	0	0	0	0	-0.1	6600	
6700	0	0	0	0	0	-0.1	0	0	0	0	0	0	0	6700	
6800	0	0	0	0	0	0	0	0	0	0	0	0	0	6800	
6900	0	0	0	0	0	0	0	0	0	0	0	0	0	6900	
7000	0	0	0	0	0	0	0	0	0	0	0	0	0	7000	

AREA 25
N-S

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008		BLIND CAN WORKINGS	HIAWATHA WORKINGS

0	0	0	0	0	0	0	0	-1	-0.9	0	0		
100	0	0	0	0	0	0	0	-0.5	-0.8	0	100		
200	0	0	0	0	0	0	0	-0.9	-0.4	0	200		
300	0	0	0	0	0	-0.2	0	-1.2	-0.5	0	300		
400	0	0	-0.2	0	0	-0.4	0	-1.7	-0.8	0	400		
500	0	0	-0.4	-0.2	0	-0.7	0	-2.3	-1	0	500		
600	0	0	-0.6	-0.4	-0.5	-1	0	-3	-1.5	-0.3	600	-15.5	
700	0	0	-0.8	-0.8	-0.9	-1.6	-0.6	-3.8	-2.1	-1.25	700	-15.5	-16.5
800	0	0	-1.1	-1.1	-1.4	-2.8	-1.8	-4.7	-3.3	-2.5	800	-15.5	-16.5
900	0	0	-1.5	-1.5	-1.7	-3.9	-3.2	-5.8	-4.7	-3.8	900	-15.5	-16.5
1000	0	0	-1.9	-1.9	-1.7	-5	-4.7	-6.7	-6.2	-5.2	1000	-15.5	-16.5
1100	0	0	-2.2	-2.6	-2	-5.9	-6.3	-8	-7.7	-6.9	1100	-15.5	-16.5
1200	0	0	-2.7	-3.1	-2.6	-6.5	-7.4	-9	-8.6	-8.6	1200	-15.5	-16.5
1300	0	0	-3.1	-3.4	-3.2	-7.2	-8.1	-9.7	-8.8	-10.75	1300	-15.5	-16.5
1400	0	0	-3.4	-3.7	-3.5	-7.4	-8.4	-10.2	-8.8	-13.1	1400	-15.5	-16.5
1500	0	0	-3.3	-3.9	-3.5	-6.8	-8.6	-10.7	-9.3	-12.25	1500	-15.5	-16.5
1600	0	0	-3	-3.8	-3.2	-6	-8.8	-11.1	-9.8	-11	1600	-15.5	-16.5
1700	0	-0.1	-2.2	-4.1	-2.8	-6	-9.3	-11.4	-10.3	-9.25	1700	-15.5	-16.5
1800	0	-0.3	-0.9	-4.3	-3.1	-8.1	-9.9	-11.8	-10.8	-8.1	1800	-15.5	-16.5
1900	0	-0.5	-1.7	-4.4	-2.8	-10.8	-10.6	-12.2	-11.3	-8.5	1900	-15.5	-16.5
2000	0	-0.7	-3	-4.6	-3.2	-11	-11.1	-12.7	-11.7	-8.5	2000	-15.5	-16.5
2100	0	-0.9	-4.5	-4.8	-4.1	-12	-11.3	-13	-12.1	-8.5	2100	-15.5	-16.5
2200	0	-1.4	-5.4	-5.1	-5.3	-12.8	-11.3	-13.2	-12.3	-10.2	2200	-15.5	-16.5
2300	0	-2.6	-6	-5.8	-6.6	-13	-11.2	-13.4	-12.6	-12.2	2300	-15.5	-16.5
2400	0	-3.2	-5.9	-6.8	-7.9	-11.8	-11.1	-13.5	-12.9	-13.9	2400	-15.5	-16.5
2500	0	-3.3	-5.9	-7	-8.9	-10.4	-11	-13.7	-13.6	-14.2	2500	-15.5	-16.5
2600	0	-3.2	-5.8	-8	-10	-9.8	-11.3	-13.9	-14.4	-14.3	2600	-15.5	-16.5
2700	0	-2.9	-5.8	-8.4	-11.2	-10.5	-11.7	-14.1	-14.9	-14.5	2700	-15.5	-16.5
2800	0	-2.5	-5.7	-8.5	-12.2	-11.2	-12.3	-14.3	-15.1	-14.4	2800	-15.5	-16.5
2900	0	-2.1	-5.6	-8.2	-13	-12.1	-12.8	-14.5	-15.2	-14.2	2900	-15.5	-16.5
3000	0	-1.8	-5.6	-7.7	-13.1	-13	-13.2	-14.5	-15.1	-14	3000	-15.5	-16.5
3100	0	-1.6	-5.5	-7.3	-13.3	-13.1	-13.2	-14.3	-14.8	-13.7	3100	-15.5	-16.5
3200	0	-1.5	-5.5	-6.9	-12.8	-12.6	-13	-14.1	-14.3	-13.4	3200	-15.5	-16.5
3300	0	-1.4	-5.4	-6.7	-12.1	-11.9	-12.5	-13.1	-13.6	-12.9	3300	-15.5	-16.5
3400	0	-1.2	-5.3	-6.4	-11.5	-11.2	-12	-12	-13	-12.6	3400	-15.5	-16.5
3500	0	-1.1	-5.3	-6.2	-10.9	-10.8	-11.7	-10.9	-12.7	-12.4	3500	-15.5	-16.5

3600	0	-0.9	-5.2	-6	-10.6	-10.4	-11.5	-10.7	-12.5	-11.9	3600	-15.5	-16.5
3700	0	-0.7	-5.2	-5.7	-11.1	-10.2	-11.4	-10.9	-12.2	-11.9	3700	-15.5	-16.5
3800	0	-0.5	-5.1	-5.4	-11.3	-10.2	-11.6	-11.2	-12.2	-12.1	3800	-15.5	-16.5
3900	0	-0.3	-4.5	-5.2	-11.1	-10	-11.2	-11.4	-12	-11.4	3900	-15.5	-16.5
4000	0	-0.1	-3	-4.8	-10.3	-9	-10.4	-11.2	-11.3	-10.4	4000	-15.5	-16.5
4100	0	0	-1.5	-3.9	-9.9	-8.5	-9.7	-11.1	-10.8	-9.7	4100	-15.5	-16.5
4200	0	0	-0.7	-2.8	-9.6	-8.4	-9.4	-10.4	-10.6	-9.7	4200	-15.5	-16.5
4300	0	0	-0.5	-1.9	-9.3	-8.2	-8.7	-9.2	-10.3	-9.8	4300	-15.5	-16.5
4400	0	0	-0.3	-1.7	-9	-7.8	-7.8	-7.8	-10	-9.8	4400	-15.5	-16.5
4500	0	0	-0.1	-1.8	-8.8	-7.7	-7.8	-6.9	-9.4	-9.4	4500	-15.5	-16.5
4600	0	0	0	-2.5	-8.6	-7.9	-7.7	-8.3	-9.5	-8.85	4600	-15.5	-16.5
4700	0	0	0	-3.2	-8.8	-8.5	-7.8	-9.9	-9.6	-8.7	4700	-15.5	-16.5
4800	0	0	0	-2.9	-8.9	-9	-8.2	-10.3	-9.5	-8.4	4800	-15.5	-16.5
4900	0	0	0	-1	-8.2	-9	-8.1	-10.1	-9.1	-8.15	4900	-15.5	-16.5
5000	0	0	0	0	-7.1	-7.7	-6.9	-9.3	-8	-7.2	5000	-15.5	-16.5
5100	0	0	0	0	-5.4	-6	-5.1	-8	-6.6	-5.3	5100		-16.5
5200	0	0	0	0	-3.2	-3.4	-2.8	-4.5	-4.8	-3.2	5200		-16.5
5300	0	0	0	0	-1.8	-1.8	-1	-1.8	-3.1	-1.7	5300		-16.5
5400	0	0	0	0	-0.7	-0.8	0	-0.5	-1.8	-0.7	5400		-16.5
5500	0	0	0	0	0	0	0	0	-0.8	0	5500		-16.5
5600	0	0	0	0	0	0	0	0	-0.5	0	5600		
5700	0	0	0	0	0	0	0	0	-0.5	0	5700		
5800	0	0	0	0	0	0	0	0	-0.5	0	5800		
5900	0	0	0	0	0	0	0	0	-0.5	0	5900		
6000	0	0	0	0	0	0 e		0	0	0	6000		
6100	0	0	0	0	0	0	0	0	0	0	6100		
6200	0	0	0	0	0	0	0	0	0	0	6200		
6300	0	0	0	0	0	0	0	0	0	0	6300		
6400	0	0	0	0	0	0	0	0	0	0	6400		
6500	0	0		0	0	0	0	0	0	0	6500		

AREA 25 W-E	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
0	0	0	0	0	0	0	0	-2.4	-1	-0.4
100	0	0	0	0	0	0	-0.2	-2.1	-1.1	-0.55
200	0	0	0	0	0	-0.1	-0.3	-2.1	-1.2	-0.75
300	0	0	0	0	0	-0.3	-0.3	-2.2	-1.3	-0.9
400	0	0	0	0	0	-0.4	-0.3	-2.2	-1.4	-1.15
500	0	0	0	0	0	-0.6	-0.4	-2.1	-1.6	-1.2
600	0	0	0	0	0	-0.7	-0.5	-2.3	-1.7	-1.2
700	0	-0.2	-0.1	0	0	-0.8	-0.5	-3	-1.8	-0.95
800	0	-0.4	-0.2	0	-0.2	-0.9	-0.7	-3.2	-2	-1.4
900	0	-0.6	-0.3	-0.5	-1	-1.8	-1.4	-4	-3.2	-2.2
1000	0	-0.8	-0.5	-2.5	-3	-3.6	-3.6	-5.5	-5	-4.3
1100	0	-1	-0.7	-6	-5.2	-6	-6.3	-8	-7	-6.7
1200	0	-1.1	-0.9	-6.8	-6.5	-7	-8	-9.2	-8.3	-8.1
1300	0	-1.2	-1	-6	-7	-8	-8.1	-9.7	-9	-8.5
1400	0	-1.3	-1.1	-5	-7	-8.2	-8.4	-10.1	-9.2	-8.5
1500	0	-1.4	-1.3	-5	-7.5	-8.6	-8.8	-10.1	-9.6	-8.8
1600	0	-1.5	-1.6	-4.7	-8	-9.1	-9.2	-10.1	-10	-9.65
1700	0	-1.5	-1.8	-4	-8.4	-9.5	-9.7	-10.8	-11	-10.4
1800	0	-1.6	-1.9	-3.5	-8.8	-9.9	-10.1	-11.2	-12	-10.9
1900	0	-1.7	-2.1	-3.6	-9.2	-10.5	-10.7	-11.8	-12.2	-11.4
2000	0	-1.8	-2.4	-3.8	-9.9	-11.1	-11.3	-12.4	-12.6	-11.9
2100	0	-1.8	-2.9	-4.2	-10.7	-11.5	-12	-13.1	-12.9	-12.65
2200	0	-1.9	-3.3	-4.4	-11.3	-12.2	-12.4	-13.7	-13.2	-13.4
2300	0	-2	-3.7	-4.7	-12	-12.4	-12.8	-14.3	-13.5	-14.2
2400	0	-2.1	-4	-4.9	-12.1	-12.7	-13.2	-14.8	-13.7	-14.6
2500	0	-2	-4.3	-5.2	-12.2	-12.8	-13.3	-15.2	-13.9	-14.6
2600	0	-1.9	-4.7	-5.5	-12.15	-12.8	-13.3	-15.4	-14.1	-14.5
2700	0	-1.8	-4.9	-5.8	-12.1	-12.6	-13.3	-15.3	-14.2	-14.4
2800	0	-1.7	-5.1	-6.1	-12.075	-12.4	-13.2	-15.1	-14.1	-14.1
2900	0	-1.6	-5.2	-6.3	-12.05	-12.2	-12.9	-14.8	-13.8	-13.7
3000	0	-1.5	-5.3	-6.5	-12	-12.1	-12.7	-14.4	-13.6	-13.3
3100	0	-1.6	-5.5	-6.7	-12	-11.8	-12.4	-13.9	-13.4	-12.9
3200	0	-1.7	-5.4	-6.9	-11.9	-11.6	-12.1	-13.6	-13.5	-12.7
3300	0	-1.8	-5.3	-7	-11.9	-11.7	-11.8	-13.3	-13.6	-12.7
3400	0	-1.9	-5.3	-7.1	-12.2	-12	-12	-12.8	-13.7	-12.9
3500	0	-2	-5.3	-7.4	-12.4	-12.3	-12.5	-13.3	-13.9	-13.4
3600	0	-2.1	-5.4	-7.7	-12.6	-12.6	-12.8	-13.7	-14	-13.6
3700	0	-2	-5.4	-7.8	-12.8	-12.8	-12.9	-14.1	-14.5	-13.85
3800	0	-1.8	-5.5	-7.7	-13	-13.2	-13.1	-14.2	-15	-13.8
3900	0	-1.6	-5.5	-7.6	-13.1	-13.5	-13.3	-14.3	-15.1	-13.75
4000	0	-1.4	-5.6	-7.3	-13.1	-13.2	-13.3	-14.3	-14.8	-13.65
4100	0	-1.2	-5.6	-7	-12.9	-12.8	-13.1	-14.3	-14.6	-13.6
4200	0	-1	-5.6	-6.9	-12.8	-12.4	-12.8	-14.3	-14.4	-13.4
4300	0	-1	-5.7	-6.9	-12.7	-12.2	-12.8	-14.6	-14.2	-13.4
4400	0	-1.4	-5.7	-7	-12.6	-12.2	-13	-14.9	-14.3	-13.5

AREA 25 W-E	BC Workings	HIA Workings
0		
100		
200		
300		
400		
500		
600	-16.5	-17.5
700	-16.5	-17.5
800	-16.5	-17.5
900	-16.5	-17.5
1000	-16.5	-17.5
1100	-16.5	-17.5
1200	-16.5	-17.5
1300	-16.5	-17.5
1400	-16.5	-17.5
1500	-16.5	-17.5
1600	-16.5	-17.5
1700	-16.5	-17.5
1800	-16.5	-17.5
1900	-16.5	-17.5
2000	-16.5	-17.5
2100	-16.5	-17.5
2200	-16.5	-17.5
2300	-16.5	-17.5
2400	-16.5	-17.5
2500	-16.5	-17.5
2600	-16.5	-17.5
2700	-16.5	-17.5
2800	-16.5	-17.5
2900	-16.5	-17.5
3000	-16.5	-17.5
3100	-16.5	-17.5
3200	-16.5	-17.5
3300	-16.5	-17.5
3400	-16.5	-17.5
3500	-16.5	-17.5
3600	-16.5	-17.5
3700	-16.5	-17.5
3800	-16.5	-17.5
3900	-16.5	-17.5
4000	-16.5	-17.5
4100	-16.5	-17.5
4200	-16.5	-17.5
4300	-16.5	-17.5
4400	-16.5	-17.5

4500	0	-1.7	-5.7	-7.2	-12.5	-12.4	-13.1	-14.7	-14.3	-13.4	4500	-16.5	-17.5
4600	0	-2	-5.8	-7.2	-12.4	-12.5	-13.2	-14.3	-14.2	-13.3	4600	-16.5	-17.5
4700	0	-2.5	-5.8	-7.5	-12.3	-12.4	-13.1	-13.9	-14.1	-13.2	4700	-16.5	-17.5
4800	0	-3	-5.8	-7.9	-12.2	-12.2	-13	-14	-14	-13.15	4800	-16.5	-17.5
4900	0	-3.1	-5.9	-8.2	-12.1	-12.1	-13	-12.8	-14.1	-13.1	4900	-16.5	-17.5
5000	0	-3.3	-5.9	-8.7	-12.3	-12.4	-13.2	-12	-14.1	-13.15	5000	-16.5	-17.5
5100	0	-3.5	-6	-9	-12.5	-12.9	-13.3	-13	-14.2	-13.6	5100	-16.5	-17.5
5200	0	-3	-6	-9.4	-12.9	-13.2	-13.4	-14	-14.3	-14.05	5200	-16.5	-17.5
5300	0	-2.8	-5.9	-9.6	-13	-13.3	-13.4	-14.4	-14.2	-14.2	5300	-16.5	-17.5
5400	0	-2.7	-5.8	-9.9	-12.9	-13.1	-13.4	-14.6	-14.2	-13.8	5400	-16.5	-17.5
5500	0	-2.8	-5.7	-10.2	-12.8	-12.8	-13.4	-14.6	-14.2	-13.5	5500	-16.5	-17.5
5600	0	-2.8	-5.7	-11	-12.6	-12.9	-13.6	-14.8	-14.3	-13.5	5600	-16.5	-17.5
5700	0	-2.7	-5.8	-11.2	-12.5	-13.1	-13.9	-14.9	-14.6	-13.75	5700	-16.5	-17.5
5800	0	-2.7	-5.8	-11.5	-12.3	-13.1	-13.7	-14.7	-14.7	-13.6	5800	-16.5	-17.5
5900	0	-2.8	-5.9	-11.4	-12.1	-12.2	-13.2	-14	-14.2	-13.1	5900	-16.5	-17.5
6000	0	-3	-5.9	-11.1	-11.7	-11.8	-12.7	-13.2	-13.6	-12.5	6000	-16.5	-17.5
6100	0	-3	-5.8	-10.2	-10.9	-11	-11.9	-12.3	-12.7	-11.6	6100	-16.5	-17.5
6200	0	-3	-5.6	-9.5	-9.7	-10	-11	-11.7	-11.6	-10.9	6200	-16.5	-17.5
6300	-0.1	-3	-5.4	-8.8	-8.7	-9	-10.1	-11	-10.7	-10.3	6300	-16.5	-17.5
6400	-0.3	-2.5	-5.2	-8.2	-7.9	-8.2	-9.2	-10.5	-10	-9.6	6400	-16.5	-17.5
6500	-0.5	-2.5	-4.9	-7.7	-7.2	-7.2	-8.6	-9.7	-9.2	-8.7	6500	-16.5	-17.5
6600	-0.7	-2.4	-4.9	-7	-6.9	-6.6	-8.2	-9.3	-8.9	-8.15	6600	-16.5	-17.5
6700	-0.9	-2.4	-4.8	-7	-6.9	-6.4	-8.1	-9.5	-8.9	-8.2	6700	-16.5	-17.5
6800	-2	-2.3	-4.7	-7	-7	-6.6	-8.1	-10	-8.9	-8.8	6800	-16.5	-17.5
6900	-1.1	-2.3	-4.8	-7	-7	-6.8	-8.2	-9.6	-8.9	-8.8	6900	-16.5	-17.5
7000	-0.9	-2.2	-4.9	-7	-7.2	-6.9	-8.3	-9.4	-9	-8.8	7000	-16.5	-17.5
7100	-0.7	-2.2	-5.2	-7	-7.4	-6.9	-8.3	-9.5	-9.4	-8.95	7100	-16.5	-17.5
7200	-0.5	-2.1	-5.8	-7.2	-7.2	-6.9	-8.1	-9.5	-9.8	-9.2	7200	-16.5	-17.5
7300	-0.3	-2	-6.1	-7.5	-7	-7	-7.8	-9.5	-10.2	-9.45	7300	-16.5	-17.5
7400	-0.5	-2.5	-6.1	-7.8	-6.8	-7.1	-7.3	-9.1	-10.3	-9.8	7400	-16.5	-17.5
7500	-0.7	-3.1	-5.5	-8.1	-6.7	-7.1	-6.7	-8.8	-10.2	-10.15	7500	-16.5	-17.5
7600	-0.9	-2.8	-5	-7.8	-6.5	-6.9	-6.1	-8.2	-10	-9.8	7600	-16.5	-17.5
7700	-1.1	-2.8	-4.7	-7	-6.2	-6.5	-5.4	-7.6	-9.6	-8.7	7700	-16.5	-17.5
7800	-2	-2.9	-4.6	-5.9	-5.9	-6.4	-4.8	-6.8	-8.9	-7	7800	-16.5	-17.5
7900	-3.1	-2.9	-4.6	-5.9	-5.5	-6.1	-4.7	-6.8	-8.1	-5.95	7900	-16.5	
8000	-3	-3	-4.7	-5.2	-5	-5	-5	-7	-7.1	-6.3	8000	-16.5	
8100	-2	-2.7	-4	-4.2	-4	-4	-4.9	-7	-6.1	-6	8100	-16.5	
8200	-1.5	-2	-2.9	-3.4	-2.9	-2.5	-3.9	-6	-4.9	-5.2	8200	-16.5	
8300	-0.8	-1	-1.9	-2.4	-1.8	-1.2	-2.7	-4.9	-3.8	-4.2	8300	-16.5	
8400	-0.6	-0.7	-0.9	-1.4	-0.7	0	-1.7	-3.8	-2.8	-3.25	8400	-16.5	
8500	-0.4	-0.5	-0.7	-0.7	0	0	-0.8	-2.8	-2	-2.6	8500	-16.5	
8600	-0.2	-0.3	-0.5	-0.2	0	0	-0.4	-2	-1.6	-1.8	8600		
8700	0	-0.1	-0.3	0	0	0	0	-1.7	-1.1	-1.3	8700		
8800	0	0	-0.1	-0.2	0	0	0	-1.5	-0.8	-0.95	8800		
8900	0	0	0	0	0	0	0	-1.3	-0.5	-0.4	8900		
9000	0	0	0	0	0	0	0	-1.1	-0.7	0	9000		

AREA 26
N-S

	2005	2006	2007	2008		BLIND CAN WORKING
0	0	0	0	0	0	
100	0	0	0	0	100	
200	0	0	0	0	200	
300	0	0	0	-0.1	300	
400	0	0	0	-0.4	400	
500	0	-0.1	-0.2	-0.6	500	
600	0	-0.2	-0.3	-0.9	600	
700	0	-0.3	-0.4	-1.05	700	-6.5
800	0	-0.5	-0.6	-1.2	800	-6.5
900	0	-0.5	-0.7	-1.4	900	-6.5
1000	0	-0.6	-0.8	-1.6	1000	-6.5
1100	0	-0.7	-0.9	-1.7	1100	-6.5
1200	0	-0.8	-1.1	-1.8	1200	-6.5
1300	-0.4	-1	-1.5	-1.95	1300	-6.5
1400	-0.7	-1.4	-1.9	-3.1	1400	-6.5
1500	-0.8	-1.7	-2.2	-4.8	1500	-6.5
1600	-1	-2	-2.3	-5.2	1600	-6.5
1700	-1.4	-2.6	-2.4	-4.9	1700	-6.5
1800	-2	-3	-2.3	-4.4	1800	-6.5
1900	-2.2	-3.2	-2	-4.2	1900	-6.5
2000	-2.4	-3.3	-2	-4.1	2000	-6.5
2100	-2.4	-3.15	-2.4	-3.8	2100	-6.5
2200	-2.2	-3	-2.1	-3.8	2200	-6.5
2300	-1.9	-2.4	-1.8	-3.9	2300	-6.5
2400	-1.7	-1.9	-1.7	-3.2	2400	-6.5
2500	-1.4	-1.5	-1.5	-2.2	2500	-6.5
2600	-1.1	-1	-1.3	-1.7	2600	-6.5
2700	-0.7	-0.7	-1.1	-1.3	2700	-6.5
2800	-0.4	-0.4	-0.7	-1.1	2800	-6.5
2900	-0.1	-0.1	-0.4	-0.8	2900	-6.5
3000	0	0	-0.1	-0.3	3000	-6.5
3100	0	0	0	-0.2	3100	-6.5
3200	0	0	0	-0.3	3200	-6.5

AREA 26
W-E

	2005	2006	2007	2008		BLIND CAN WORKINGS
0	0	0	0	0	0	
100	0	0	0	-0.3	100	
200	0	0	-0.2	-0.6	200	
300	0	0	-0.4	-0.75	300	
400	0	0	-0.6	-0.9	400	
500	0	0	-0.7	-1.1	500	
600	0	0	-0.8	-1.4	600	
700	-0.1	0	-0.95	-1.6	700	
800	-0.3	0	-1	-1.85	800	
900	-0.4	-0.2	-1.2	-2.25	900	-8.5
1000	-0.5	-0.6	-1.3	-2.8	1000	-8.5
1100	-0.6	-0.8	-1.4	-3.2	1100	-8.5
1200	-0.7	-1.1	-1.6	-3.75	1200	-8.5
1300	-0.8	-1.3	-1.7	-4.1	1300	-8.5
1400	-0.8	-1.6	-1.9	-4.7	1400	-8.5
1500	-0.9	-1.9	-2.2	-5.2	1500	-8.5
1600	-1.2	-2.1	-2.4	-5.1	1600	-8.5
1700	-1.8	-2.6	-2.7	-4.55	1700	-8.5
1800	-2.2	-3.2	-2.9	-4	1800	-8.5
1900	-2.3	-3.9	-3.2	-4.5	1900	-8.5
2000	-2.2	-4.2	-3.4	-6.2	2000	-8.5
2100	-2	-4.1	-3.3	-8.3	2100	-8.5
2200	-1.6	-3.8	-3.1	-7.4	2200	-8.5
2300	-1.4	-3.2	-2.8	-5.5	2300	-8.5
2400	-1.1	-2.9	-2.4	-4.2	2400	-8.5
2500	-0.8	-2.6	-2.1	-3.3	2500	-8.5
2600	-0.7	-2.3	-1.9	-2.85	2600	-8.5
2700	-0.6	-1.9	-1.7	-2.7	2700	-8.5
2800	-0.4	-1.8	-1.6	-2.5	2800	-8.5
2900	-0.3	-1.6	-1.5	-2.4	2900	-8.5
3000	-0.1	-1.4	-1.5	-2.3	3000	
3100	0	-1.2	-1.4	-2.2	3100	
3200	0	-1	-1.4	-2.05	3200	
3300	0	-0.8	-1.4	-1.9	3300	
3400	0	-0.65	-1.4	-2.25	3400	
3500	0	-0.5	-1.4	-2.7	3500	

AREA 26
SW-NE

	2005	2006	2007			BLIND CAN WORKINGS
0		0	-0.1	0	0	
100		0	-0.2	0	100	
200		0	-0.3	0	200	
300		0	-0.4	0	300	
400		0	-0.5	0	400	
500		0	-0.6	0	500	-4.5
600		0	-0.7	0.2	600	-4.5
700		0	-0.8	-0.35	700	-4.5
800		-0.6	-0.9	-0.45	800	-4.5
900		-1	-1	-0.65	900	-4.5
1000		-1	-1	-0.8	1000	-4.5
1100		-1.2	-1.1	-1.1	1100	-4.5
1200		-1.1	-1.2	-1.4	1200	-4.5
1300		-0.7	-1.05	-1.1	1300	-4.5
1400		0	-0.7	-0.8	1400	-4.5
1500		-0.1	-0.5	-0.85	1500	-4.5
1600		-0.6	-0.9	-0.95	1600	-4.5
1700		-1.1	-1.2	-1.25	1700	-4.5
1800		-1.4	-1.4	-1.4	1800	-4.5
1900		-1.6	-1.5	-1.5	1900	-4.5
2000		-1.8	-1.75	-1.6	2000	-4.5
2100		-2	-1.9	-1.75	2100	-4.5
2200		-2.2	-2.8	-1.9	2200	-4.5
2300		-2	-3.1	-1.7	2300	-4.5
2400		-2.1	-2.3	-1.5	2400	-4.5
2500		-2.1	-1.8	-1.5	2500	-4.5
2600		-2.1	-1.7	-1.5	2600	-4.5
2700		-2.1	-1.6	-1.45	2700	-4.5
2800		-1.8	-1.4	-1.4	2800	-4.5
2900		-1.6	-1.3	-1.25	2900	-4.5
3000		-1.4	-1.2	-1	3000	-4.5
3100		-1.2	-1.1	-0.9	3100	-4.5
3200		-1.1	-0.8	-0.8	3200	-4.5
3300		-1	-1.1	-0.7	3300	-4.5
3400		-0.8	-1	-0.8	3400	-4.5
3500		-0.7	-0.8	-0.85	3500	-4.5
3600		-0.6	-0.8	-1	3600	-4.5
3700		-0.4	-0.7	-1.15	3700	-4.5
3800		-0.2	-0.5	-1.1	3800	-4.5
3900		-0.1	-0.3	-0.9	3900	-4.5
4000		0	-0.2	-0.75	4000	-4.5
4100		0	-0.1	-0.6	4100	-4.5
4200		0	0	-0.4	4200	-4.5
4300		0	-0.1	-0.35	4300	-4.5
4400		0	-0.2	-0.2	4400	-4.5
4500		0	-0.1	-0.1	4500	-4.5
4600		0	-0.05	0	4600	

4700	0	0	0	4700
4800	0	0	0	4800
4900	0	0	0	4900
5000	0	0	0	5000

AREA 27
N-S

	2006	2007	2008		Hia. Seam Workings
0	0	0	0	0	
100	0	0	0	100	
200	0	0	0	200	
300	0	0	-0.1	300	tr
400	0	0	-0.2	400	-4.5
500	0	0	-0.3	500	-4.5
600	0	0	-0.4	600	-4.5
700	0	0	-0.6	700	-4.5
800	0	0	-0.7	800	-4.5
900	0	0	-0.8	900	-4.5
1000	0	0	-1	1000	-4.5
1100	0	0	-1.1	1100	-4.5
1200	0	0	-1.1	1200	-4.5
1300	0	-0.1	-1.1	1300	-4.5
1400	0	-0.2	-1.2	1400	-4.5
1500	0	-0.2	-1.35	1500	-4.5
1600	0	-0.5	-1.5	1600	-4.5
1700	0	-0.8	-1.7	1700	-4.5
1800	0	-0.9	-1.9	1800	-4.5
1900	0	-0.95	-2	1900	
2000	0	-0.8	-1.9	2000	
2100	0	-0.7	-1.2	2100	
2200	0	-0.9	-1.3	2200	
2300	0	-1.1	-1.5	2300	
2400	0	-1.2	-1.7	2400	
2500	0	-1.3	-1.75	2500	
2600	0	-1.4	-1.75	2600	-4.5
2700	0	-1.5	-1.7	2700	-4.5
2800	-0.3	-1.6	-1.8	2800	-4.5
2900	-0.6	-1.7	-1.95	2900	-4.5
3000	-0.95	-1.9	-2.2	3000	-4.5
3100	-1.3	-2.1	-2.5	3100	-4.5
3200	-1.8	-2.3	-2.6	3200	-4.5
3300	-2.1	-2.6	-2.8	3300	-4.5
3400	-2.3	-2.95	-3.2	3400	-4.5
3500	-2.5	-3.3	-3.3	3500	-4.5
3600	-2.3	-3.1	-3.1	3600	-4.5
3700	-2.1	-2.8	-2.6	3700	-4.5
3800	-1.4	-2.2	-2	3800	-4.5
3900	-0.8	-1.5	-1.35	3900	-4.5
4000	-0.1	-0.9	-0.8	4000	-4.5
4100	0	-0.3	-0.3	4100	-4.5
4200	0	0	0	4200	-4.5
4300	0	0	0	4300	
4400	0	0	0	4400	
4500	0	0	0	4500	
4600	0	0	0	4600	
4700	0	0	0	4700	
4800	0	0	0	4800	
4900	0	0	0	4900	
5000	0	0	0	5000	

AREA 27
W-E

	2006	2007	2008		Hiawatha Workings
0	0	0	0	0	
100	0	0	0	100	
200	0	0	0	200	
300	0	0	0	300	
400	0	0	0	400	
500	0	0	0	500	
600	0	0	0	600	
700	0	0	0	700	
800	0	0	0	800	
900	0	0	0	900	-4.5
1000	0	0	-0.2	1000	
1100	0	0	-0.4	1100	
1200	0	0	-0.7	1200	
1300	0	-0.2	-0.95	1300	-4.5
1400	0	-0.6	-1.3	1400	-4.5
1500	0	-0.8	-1.7	1500	-4.5
1600	0	-1	-1.9	1600	-4.5
1700	0	-1.3	-2.3	1700	-4.5
1800	0	-1.5	-2.6	1800	-4.5
1900	0	-1.6	-2.75	1900	-4.5
2000	0	-1.7	-2.85	2000	-4.5
2100	0	-1.7	-2.95	2100	-4.5
2200	0	-1.8	-3.05	2200	-4.5
2300	0	-1.8	-3.15	2300	-4.5
2400	0	-1.8	-3.2	2400	-4.5
2500	0	-1.8	-3.3	2500	-4.5
2600	0	-2	-3.4	2600	-4.5
2700	-0.2	-2.2	-3.45	2700	-4.5
2800	-0.4	-2.4	-3.5	2800	-4.5
2900	-0.6	-2.5	-3.6	2900	-4.5
3000	-0.7	-2.6	-3.65	3000	-4.5
3100	-0.9	-2.7	-3.7	3100	-4.5
3200	-1	-2.7	-3.75	3200	-4.5
3300	-1.1	-2.7	-3.8	3300	-4.5
3400	-1.3	-2.7	-3.8	3400	-4.5
3500	-1.2	-2.7	-3.7	3500	-4.5
3600	-1.1	-2.8	-3.6	3600	-4.5
3700	-1.1	-2.8	-3.6	3700	-4.5
3800	-1.2	-2.7	-3.5	3800	-4.5
3900	-1.2	-2.8	-3.4	3900	-4.5
4000	-1.3	-2.95	-3.3	4000	-4.5
4100	-1.2	-2.7	-3.1	4100	-4.5
4200	-1	-2.1	-2.7	4200	-4.5
4300	-0.9	-1.95	-2.35	4300	-4.5
4400	-0.9	-1.9	-2.3	4400	-4.5
4500	-1	-1.9	-2.3	4500	-4.5
4600	-1.2	-1.95	-2.3	4600	-4.5

4700	-1.4	-1.95	-2.25	4700	-4.5
4800	-1.5	-1.95	-2.15	4800	-4.5
4900	-1.6	-1.9	-2.05	4900	-4.5
5000	-1.7	-1.9	-1.9	5000	-4.5
5100	-1.5	-1.9	-1.85	5100	-4.5
5200	-1.2	-1.8	-1.8	5200	-4.5
5300	-1.2	-1.7	-1.75	5300	-4.5
5400	-1.2	-1.8	-1.8	5400	-4.5
5500	-1.3	-1.8	-1.9	5500	-4.5
5600	-1.4	-1.8	-2.05	5600	-4.5
5700	-1.3	-1.7	-2	5700	-4.5
5800	-1.1	-1.6	-1.8	5800	-4.5
5900	-1	-1.5	-1.7	5900	-4.5
6000	-0.9	-1.3	-1.4	6000	-4.5
6100	-0.8	-1.1	-1.2	6100	-4.5
6200	-0.2	-0.9	-0.95	6200	-4.5
6300	-0.1	-0.7	-0.85	6300	-4.5
6400	-0.2	-0.7	-0.75	6400	-4.5
6500	-0.2	-0.6	-0.7	6500	-4.5
6600	0	-0.4	-0.65	6600	-4.5
6700	0	-0.3	-0.4	6700	-4.5
6800	0	-0.1	-0.25	6800	-4.5
6900	0	0	-0.15	6900	-4.5
7000	0	0	0	7000	-4.5
7100	0	0	0	7100	-4.5
7200	0	0	0	7200	-4.5
7300	0	0	0	7300	
7400	0	0	0	7400	
7500	0	0	0	7500	
7600	0	0	0	7600	
7700	0	0	0	7700	
7800	0	0	0	7800	
7900	0	0	0	7900	
8000	0	0	0	8000	

AREA 28
N-S

	2008		Hia. Seam Workings	B.Canyon Workings
0	0	0		
100	0	100		
200	0	200		
300	0	300		
400	0	400		
500	0	500		
600	0	600		
700	0	700		
800	0	800		
900	0	900		
1000	0	1000		
1100	0	1100		
1200	0	1200		
1300	0	1300		
1400	0	1400		
1500	0	1500		
1600	0	1600		
1700	-0.15	1700		
1800	-0.2	1800		
1900	-0.3	1900		
2000	-0.45	2000		-4
2100	-0.6	2100		
2200	-0.7	2200		
2300	-0.7	2300		
2400	-0.8	2400		
2500	-0.9	2500		
2600	-1.05	2600		
2700	-1.15	2700		
2800	-1.2	2800		-4
2900	-1.1	2900		-4
3000	-1.15	3000		-4
3100	-1.2	3100		-4
3200	-1.2	3200		-4
3300	-1.2	3300		-4
3400	-1.2	3400		-4
3500	-1.2	3500		-4
3600	-1.2	3600		-4
3700	-1.2	3700		
3800	-1.2	3800		
3900	-1.3	3900	-4.5	
4000	-1.35	4000	-4.5	
4100	-1.45	4100	-4.5	
4200	-1.6	4200	-4.5	
4300	-1.75	4300	-4.5	
4400	-1.85	4400	-4.5	
4500	-2	4500	-4.5	
4600	-2.15	4600	-4.5	
4700	-2.3	4700	-4.5	
4800	-2.45	4800	-4.5	
4900	-2.7	4900	-4.5	
5000	-2.85	5000	-4.5	
5100	-3.05	5100	-4.5	
5200	-3.2	5200	-4.5	
5300	-3.3	5300	-4.5	
5400	-3.3	5400	-4.5	
5500	-3.3	5500	-4.5	

AREA 28
W-E

	2008		Hiawatha Workings	B.Canyon Workings
0	0	0		
100	0	100		
200	-0.1	200		-4
300	-0.2	300		
400	-0.4	400		
500	-0.6	500		-4
600	-0.7	600		-4
700	-0.8	700		-4
800	-0.95	800		-4
900	-1.3	900		-4
1000	-1.7	1000		-4
1100	-1.8	1100		-4
1200	-1.8	1200		-4
1300	-1.75	1300		-4
1400	-1.8	1400		-4
1500	-1.9	1500		-4
1600	-2	1600		-4
1700	-2.05	1700		
1800	-2.05	1800		
1900	-2	1900		
2000	-1.8	2000		
2100	-1.65	2100		
2200	-1.4	2200		
2300	-1.25	2300		
2400	-1.05	2400		
2500	-0.95	2500		
2600	-0.9	2600		
2700	-0.85	2700		
2800	-0.9	2800		
2900	-0.95	2900		
3000	-1	3000		
3100	-0.9	3100		
3200	-0.8	3200		
3300	-0.75	3300		
3400	-0.75	3400		
3500	-0.75	3500		
3600	-0.75	3600		
3700	-0.75	3700		
3800	-0.6	3800		
3900	-0.45	3900		
4000	-0.35	4000		
4100	-0.2	4100		
4200	-0.1	4200		
4300	0	4300		
4400	0	4400		
4500	0	4500		
4600	0	4600		

4700	0	4700	
4800	0	4800	
4900	0	4900	
5000	0	5000	
5100	0	5100	
5200	0	5200	
5300	0	5300	
5400	0	5400	
5500	0	5500	
5600	0	5600	
5700	0	5700	
5800	0	5800	
5900	0	5900	
6000	0	6000	
6100	0	6100	
6200	0	6200	
6300	0	6300	
6400	0	6400	
6500	0	6500	
6600	0	6600	
6700	0	6700	
6800	0	6800	
6900	0	6900	
7000	0	7000	
7100	0	7100	
7200	0	7200	
7300	0	7300	
7400	0	7400	
7500	0	7500	
7600	0	7600	
7700	0	7700	-4.5
7800	0	7800	-4.5
7900	0	7900	-4.5
8000	0	8000	-4.5