

PT.#	North(Y)	East(X)	Elev(Z)	Description
98	1788.28	-69414.83	1239.0	SPAD
99	1782.14	-69484.31	1185.7	SPAD
100	1782.53	-69433.17	1140.9	SPAD
101	1758.44	-69814.48	1096.4	SPAD
102	1739.18	-69884.44	1057.9	SPAD
103	1725.73	-69746.48	1031.2	SPAD
104	1730.11	-69789.58	1016.1	SPAD
105	1717.07	-69825.90	1007.4	SPAD
106	1704.21	-69843.29	1002.6	SPAD
107	1688.89	-70019.31	1009.4	SPAD
108	1655.92	-70288.31	1013.4	SPAD
109	1628.65	-70421.57	1012.5	SPAD
110	1590.58	-70559.58	1016.3	SPAD
111	1547.38	-70852.88	1017.2	SPAD
112	1387.15	-70881.43	1022.8	SPAD
113	1555.78	-70854.58	1018.7	SPAD
116	1625.96	-70429.16	1013.6	SPAD
117	1576.35	-70840.84	1050.2	SPAD
118	1607.93	-70540.57	1047.7	SPAD
119	1556.65	-70892.53	1051.4	SPAD
120	1611.64	-70718.06	1053.0	SPAD
122	1449.89	-70680.74	1057.3	SPAD
124	1435.36	-70688.92	1056.7	SPAD
125	1397.81	-70727.02	1055.8	SPAD
126	1627.53	-70456.26	1041.3	SPAD
127	1617.31	-70453.92	1043.4	SPAD
128	1607.48	-70451.10	1037.5	SPAD
129	1611.16	-70424.34	1022.3	SPAD
131	1677.66	-70056.88	1008.9	SPAD
132	1538.66	-70035.21	1010.4	SPAD
133	1344.26	-70877.38	1024.6	SPAD
134	1310.09	-71094.22	1029.7	SPAD
184	1314.38	-71212.32	1031.0	SPAD
185	1257.70	-71539.07	1037.8	SPAD
187	1210.69	-71700.53	1043.2	SPAD
188	1181.11	-71791.31	1043.7	SPAD
189	1140.22	-71868.31	1044.1	SPAD
190	1722.56	-69787.71	1007.5	SPAD/COLLAR
192	1703.21	-69815.97	991.1	SPAD/COLLAR
193	1688.23	-69889.82	943.3	SPAD/COLLAR
194	1646.06	-69969.20	887.1	SPAD/COLLAR
197	1621.62	-70070.73	886.9	SPAD/COLLAR
205	1629.50	-70033.10	887.95	spad
206	1601.15	-70195.13	891.02	spad
214	1602.29	-70027.39	886.85	spad/prop
215	1605.68	-69994.96	874.57	spad/crossbeam
219	1581.18	-70319.43	891.00	spad/collar

PT.#	North(Y)	East(X)	Elev(Z)	Description
46	1749.89	-69956.12	1372.4	I PIN IN CONC.
51	1709.10	-69442.73	1275.2	I PIN IN CONC.
76	1788.45	-69360.24	1261.7	I PIN

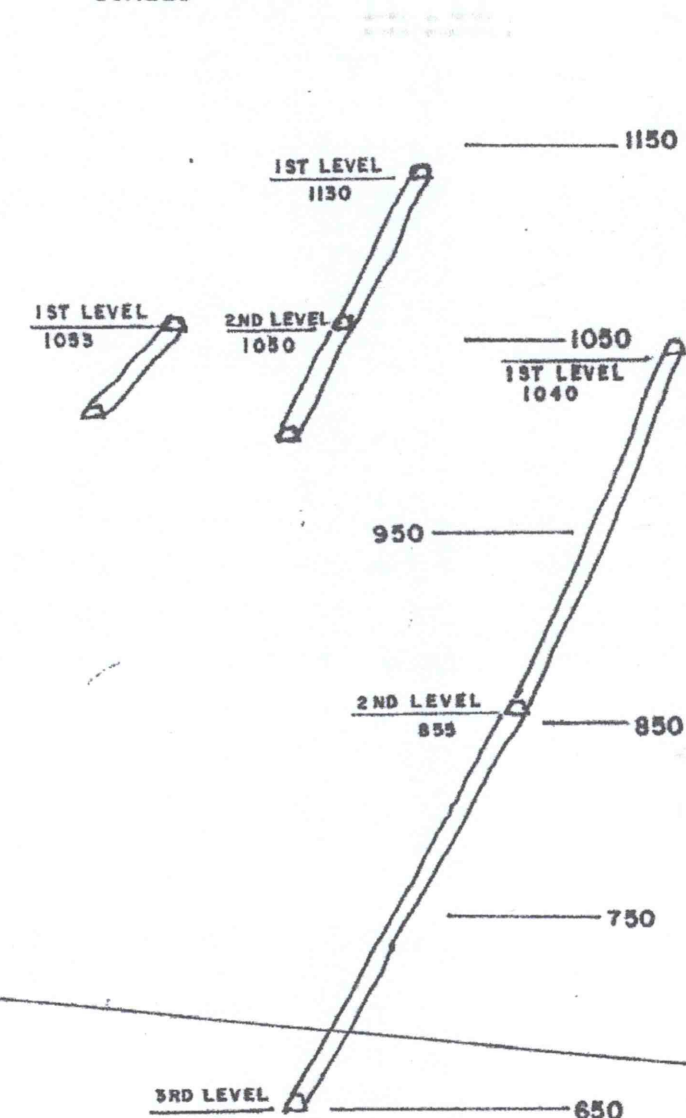
LEGEND

- (E) - Escapeway
- ☒ - Exhaust Fan
- 120 - Traverse Station
- x 1875 - Spot Elevation
- ☐ - Depression
- ⊥ - Temporary Air Battery
- ⊥ - 2" Plank Permanent Air Battery
- ⊥ - 2" Plank Permanent Air Battery With Door
- ⊥ - 2" Plank Permanent Air Battery With Regulator
- ⊥ - Intake Airflow Direction
- ⊥ - Return Airflow Direction
- CFM - Cubic Feet Per Minute
- Yr - Open Slope
- Yr - Closed Slope
- Yr - Overcast
- GWY - Gangway
- VN - Vein
- I.P. - Iron Pin
- Elev. - Elevation
- HP - Horse Power
- AMPS - Amperes
- # - Seal
- ⊥ - One-Year Projection of Proposed Workings
- ☒ - Old Workings Not Located By Actual Field Survey or Inaccessible
- XXXX - Caved

Info. Provided By Operator C.K. 10/20/09
 UPDATED 4 VN WORKINGS THIS MAP
 EXISTING 5 VN WORKINGS
 EXISTING 4 VN WORKINGS
 ACTIVE MAIN AREAS

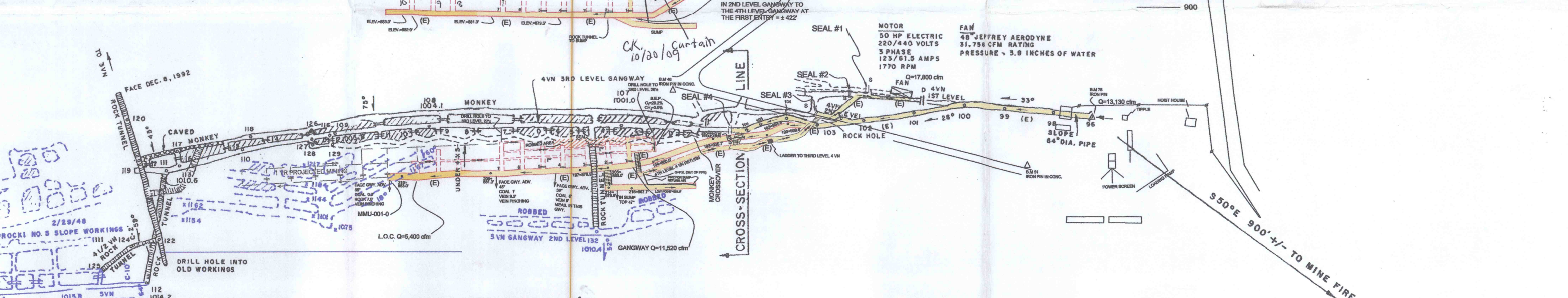
CROSS SECTION 3, 4, 5 & 6 VEINS

LOOKING WEST
 HORIZONTAL & VERTICAL SCALES 1"=100'



CROSS-SECTION OF VENTILATION & ESCAPEWAY ROUTES

HORIZONTAL AND VERTICAL SCALES 1 INCH = 100 FEET



NOTES (MINE OPERATOR - CHRIS KERSTETTER)

- Ventilator information shown hereon provided by the mine operator.
- Coal vein information provided by the mine operator.
- One year projections shown hereon estimated by the mine operator and are subject to change as mining conditions change.
- Information for areas which have been robbed or are inaccessible was provided by the mine operator. These areas have not been surveyed and/or verified.
- The mine workings shown hereon traced from "Plan of Mine And Ventilation" prepared by William J. Messner, P.L.S. and last revised February 21, 1997.

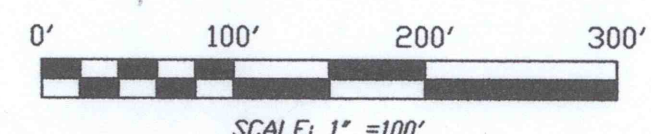
Danger! There Are Old Mine Workings In This Area!
 Old mine workings shown hereon were taken from old available mine maps. As additional old mine maps and information becomes available, mapping shall be updated.
 No certification is expressed or implied as to the existence, non-existence, accuracy or locations of old mine workings.
 The mine operator shall be responsible for verification of the locations of all old mine workings.

ADDITIONAL NOTES:

- THE JULY 2008 UPDATE HAS REMOVED ALL SEALS INBY THE LABELED SEALS 1-4 IN THE NO. 4 VN. THIS WAS DONE PER MSHA'S REQUEST. IT CAN NOT BE VERIFIED WHETHER OR NOT SEALS EXIST INBY THE PRIMARY SEALS THAT ARE NOTED ON THE MAP.
- THE JULY 2008 REVISION CONTAINS CHANGES TO PREVIOUSLY MAPPED AREAS.
- THE SIGNATURE OF THE OPERATION IS A DIGITAL SIGNATURE, AUTHORIZED TO BE AFFIXED TO THE MAP BY THE OPERATOR.

Approx. Location Of Property Line
 "Not Surveyed - Plotted From Deeds, Maps And Other Available Information"

MAP REVISIONS:
 AUGUST 3, 1998
 SEPTEMBER 29, 1999
 OCTOBER 20, 2000
 DECEMBER 17, 2001
 DECEMBER 15, 2002
 FEBRUARY 13, 2003
 MARCH 25, 2003
 AUGUST 10, 2003
 AUGUST 8, 2004
 SEPTEMBER 16, 2004
 AUGUST 10, 2005
 OCTOBER 5, 2005
 SEPTEMBER 13, 2006
 AUGUST 14, 2007
 FEBRUARY 2, 2008 (SURVEY)
 JULY 26, 2008 (SURVEY)
 AUGUST 8, 2009 (SURVEY)



MINE MAP OF THE
BEAR GAP COAL CO.
 N&L SLOPE - No. 4, No. 4 1/2 & No. 5 Vn
 SOUTH DIP - BIG MOUNTAIN
 ZERBE TOWNSHIP, NORTHUMBERLAND COUNTY, PA
 PA DEP UMP# 49861303

Received

AUG 17 2009
 U.S. DEPT. OF LABOR
 MSHA
 WILKES-BARRE, PA

MINE OPERATOR'S CERTIFICATION
 I depose and say that the mine ventilation information shown on this map meets the requirements of 30 CFR Part 75.372 and was prepared by me or under my direction for which I accept full responsibility.
 Christopher Kerstetter - Partner

SURVEYOR'S CERTIFICATION
 I hereby certify that to the best of my knowledge, the cross that I have surveyed are true and correct as to the requirements of 30 CFR Part 75.1200. All other information shown has been derived from the best available information but can not be field checked. Therefore, this surveyor makes no certification as to its accuracy. Certification extends to that surveyor with which I had personal involvement.
 Jason Tarnowski, PLS

