

Island Run Mine

- Upper Freeport Coal - average thickness 3.5'
- The mine appears to be isolated
- Deep mine area: West half 70 acres, East half 85 acres
- Access to the site and the proposed work area are good
- No strip mines associated with this site
- Small potential for future stripping
- Many monitoring points - discharges moderately easy to monitor - one major discharge
- Drilling depths up to 190'
- Mineral Rights Owner
West half of mine
C.L. Zinsmeister
58 West Channel St.
Newark, Ohio
(owns all coal except the "Sulfur" Ven (Lower Kittanning)
and the "Block" Ven(?))
- East half of mine
George Daniels Jr. ?
- Surface Owners (West section of mined area)
Paul Vojnovich
Michael Shorak
Doris Dawson
Andy C. Johnson
Victor E. Stahl Jr.) primary



Ohioville Water Quality

	1A	2A	3A	4A	5A	6A
pH	6.2	4.9	6.3	3.8	7.5	7.7
total acidity (mg/l)	4	136	12	250	152	82
total iron (mg/l)	0.08	26	2.24	62	0.34	0.24
ferrous iron (mg/l)	<0.06	22	<0.2	314	<0.2	<0.2
aluminum (mg/l)			1.7	13	0.2	0.2
manganese (mg/l)			0.19	4	<0.02	<0.02
sulfate (mg/l)	398	730	300	1000	50	70
flow (gpm)	0.5	10.6+	0.1	0.8	8.6	2 (approx.)
25°C conductivity (µmhos/cm)	735	1350	585	2245	450	455

LEGEND

- Drift entry - positive identification (Elevations shown were obtained with the use of an altimeter)
- Probable Drift entry
- 980 Structure Contours on Upper Freeport Coal (Taken from Pennsylvania Geologic Survey Map 43-1975, Greater Pittsburgh Region Structure Contour Map)