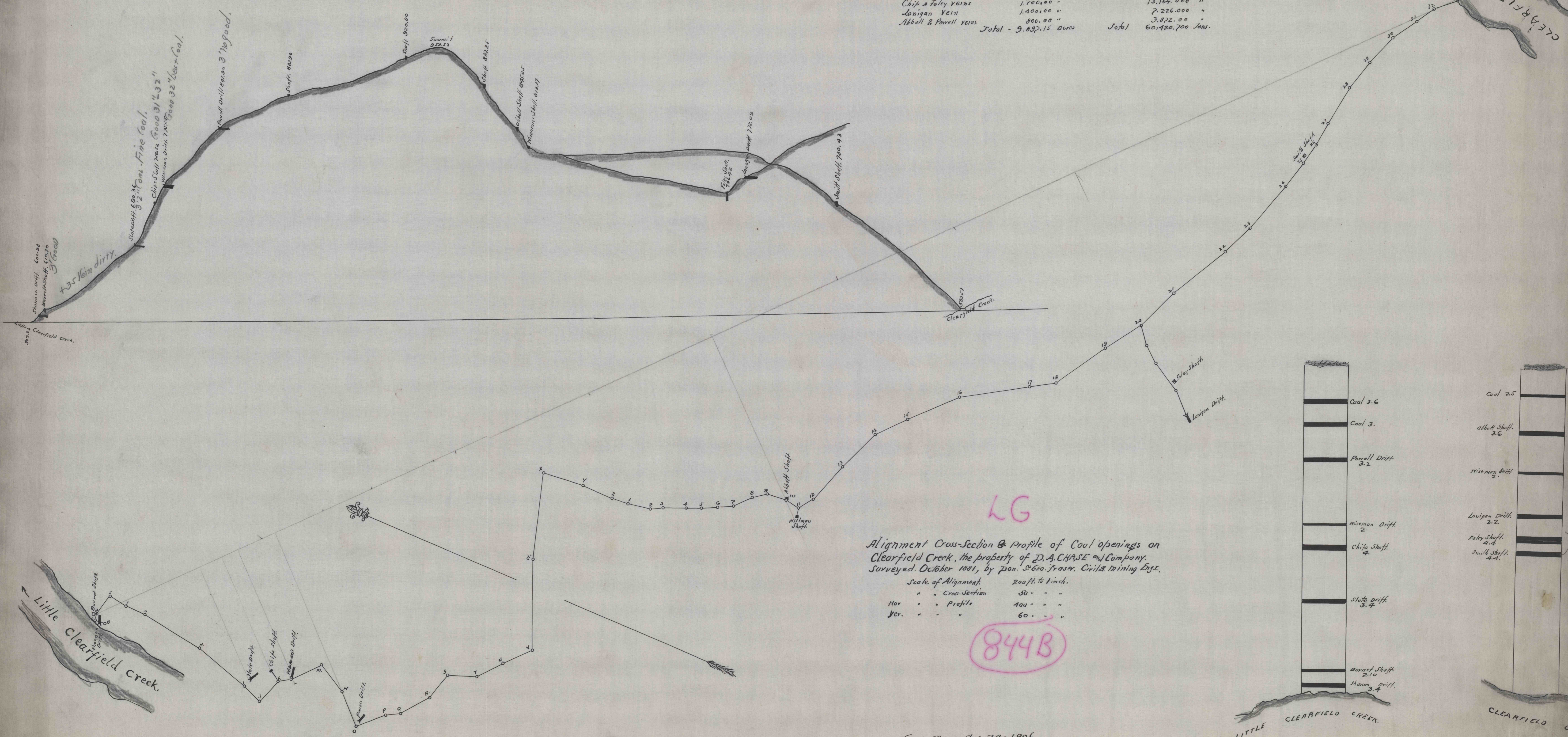


Estimate Area & contents of the several veins of coal exclusive of top seam.

Shannon vein	2197.15 acs	12,067,000 tons.
State vein	1,900.00 "	10,421,500 "
Smith vein	1,900.00 "	13,668,600 "
Chips & Faley veins	1,700.00 "	13,164,000 "
Lanigan vein	1,400.00 "	7,226,000 "
Abbott & Powell veins	800.00 "	3,822,000 "
Total	9,897.15 acres	60,420,700 tons.

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Alignment Cross-Section & Profile of Coal openings on Clearfield Creek, the property of D. A. CHASE and Company. Surveyed October 1881, by Gen. S. Geo. Fraser, Civil Training Eng.

Scale of Alignment 200 ft. to inch.
 " " Cross Section 50 " "
 Hor " " Profile 400 " "
 Ver " " " 60 " "

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