

townland, $4\frac{1}{2}$ miles W.N.W. of Tulla. Mem. 133, p. 34 (1862), describes the lode. It has a brief official record of 55 tons of lead in 1859 and 64 tons in 1860. Mem. 133 says that it was abandoned in 1861, after working had gone down to 10 fathoms. It remains in the Lists of Mines until 1868 (D. T. Macdonald proprietor).

Carrahin (Carrahan, Carahan). 1" 133. 6" Clare 34 N.E. This mine is marked in Lassana townland on the engraved 6" Ordnance Survey map. The spelling Carrahan is probably correct, since a townland of that name lies to the N.E. Mem. 133, p. 135 (1862) regards it merely as a trial, and its name (placed in Co. Cork) appears in Min. Stat. 1863 as raising only 11 tons of lead. But in 1879 it yielded 111 tons, valued at £1,524, when the metal was at about £10 a ton, and 322 tons of ore ($240\frac{1}{2}$ tons of lead) in 1880. There is no further record. It was latterly worked by the Carrahan Silver Lead Company.

Crowhill (Crow Hill, Knockaphreagaun). 1" 133. 6" Clare 34 N.E. This is one mile E. of the Carrahin mine. Mem. 133, p. 35, says that the lode was worked to 22 fathoms, and was abandoned after the ore had been all removed. This was before 1862.

Milltown (Miltown). 1" 133. 6" Clare 35 N.W. This was an ancient mine, $1\frac{1}{2}$ miles W. of Tulla, and is engraved as a silver mine on the 6" map. The ore is scattered through a great lode of calcite, which was worked open to the day. Stewart (p. 24) noted the "crystal spar" as 40 yards wide. Zinc was extracted from the blende associated with the argentiferous galena. The Royal Irish Mining Co. opened up the older workings about 1826 (P. M. Taylor, "A short account of lead mines in the Co. Clare," G.S.D., vol. i., p. 385, 1838), raised 11 tons of ore, and stopped. Mr. John Taylor of London reopened the mine for the Clare Mines Adventurers in 1837. Forty tons of ore yielded 75 per cent. of lead, with 37 oz. of silver to the ton. Weaver (1838, p. 66), from information given him by J. Taylor, quotes even 50 to 60 oz. to the ton. From the first, J. Taylor was not very hopeful, owing to the scattered nature of the ore, and the mine was abandoned in 1838. In 1853 an expert was called in to report to the Proprietors, and he drew attention to the prospects offered by the blende, below which further lead ore might be expected (see under Zinc). Min. Stat. 1862 show an output of 5 cwt. of lead, and nearly 3 tons in 1864; but this seems to have been only a trifling revival, following on some working of the blende (see under Zinc). Griffith (1861, p. 141) says that Milltown was worked by the Bullion Mining Company. The Lists of Mines give it as under the Clare Mining Company from 1860-8. The site is marked as a disused silver mine on the 1" Ordnance Survey sheet of 1907.