

After lying for some time on one of the shelves of the museum, this specimen was sent to the London Exhibition of 1862. It may be in the museum in Montreal at the present moment; but it is possible that it was sent to the Dublin Exhibition, and lost. However, Sir William can tell you about it, and also show you smaller specimens which I brought him at the same time. My brother, who was with me on this visit, also took home some specimens, which he afterwards brought up here and gave to me, so that, if you want a sample, I can furnish you. I also left a number of pieces under McArthur's ash-house; but it is so long ago, that I suppose they have all disappeared before now. The part of the bed laid bare was too small to enable me to form a very decided opinion about its constancy; but, as far as observable, it appeared very promising and regular. The reason why such a bed as McArthur's had not been tried at that time was the idea that only pure graphite, like that from Cameron's lot, was of much value. The new processes for dressing plumbago like this for market give the matter quite a different aspect. The particles of spar in McArthur's plumbago are small, and form only a trifling percentage of the mass. Judging from what I saw, this is decidedly the most promising locality for plumbago with which I am acquainted. The thickness of the bed is given by Sir William Logan as three feet, which I think is correct. Like all beds of graphite, some irregularity must be looked for in it; but, unless a more complete examination prove it very different from what I expect, it is certainly well worth working.