apparatus is simple and powerful. The operating platform is placed at one end, and

is driven by two spring supported motors, one geared to each axle by single reduction gearing, running in oil lubrication in tight cases. These motors are especially designed for mining service, and are of the four-pole, steel-clad, enclosed railway type. The ar-

mature is of the iron-clad type, the coils sulated cable. The locomotive is provided

being held in slots below the surface and with all requisite min olectrical fittings,

apparatus is sumported at one end, and is compactly and conveniently arranged, so that the motorman has all levers within reach without leaving the seat. The entire machine, including the electri-cal apparatus, is supported on the journal boxes by helical springs, which prevent de-structive pounding on the track and relieve the apparatus from shock. The locomotive is driven by two spring supported motors, is driven by two spring supported motor

