NAMRATIVE OF CHIE RED RIVEI FXPEDTHON.-PARE 11.
by as officen of the beremitionary metat.
(From Mlackwood for ,Jom.)

## [Costinted.]

The construction of this rond was under the superintendence of the Public Works Department, the gentleman ropresenting which in the Ministry was a French Canadinn and known to be heart and soul with the pricstly party in Queboc, and therefore most favourably inclined to Riel. Men of a sus. picioun turn of mind begna to say that the fact of thero being no road ready for our ad. vance was part and parcel of o political schemo wherohy the departure of the Ex pedition might bo stopped altogother. Fortunately those who had charge of ita manage. ment trere not men to be turned from their plans by any ordinary difficulties; nud as the promised road was net. likely to be ready in time, another soute to Shebandowan Lake was sought out and utilized for the conveyance of the boats, de., $\mathbb{d c}$.
A large sized river flows out of that lake, and boing joined by two others of about equal magnitude, emptiesitsolf into Thunder Bay; it is known for the greater part of its courso as tho Kaministiquia River. The difference of level betreen Shebando. wan Lake and Thunder Bay is more than 800 feet; and in descending from that groat height the water passes over some very fine falls, one of which is about 120 feet high, being one of the most picturesquo spots in Britisi North America.
The officials of the Public Works Dopart. ment who had been employed for soveral years exploring, surveying and road making in that district, had impressed upon the military authorities, when tho plan of oparations for the Expedition was being decided upon, that this river could not be made use of owing to the dangerous nature of its rapids and the magnitude of its falls. Howevet, when it wa: found that tho road could not possibly be ready ins time, an exploring party of one company, under Captain Yourig, 60th Rifies, was sent upin boats to ascertain the practicauility of using it for the conveyance of boats and stores. The weather was most unpropitious; it poured continuously; the men were never ciry, having constantly to work up to their waists in water; the labour was excessive, but the perseverance of the above mentioned officer, capable of overcoming any difficulties, was duly rewarded. This discovery ras a happy event, as it rondered us independent of the road.
As numerous portages have to be got over before we land the reader in the Province of Manitobab, it is perhaps better to doscribe here the mode of crossing one, the work on all being alike in character, and only varying in amount according to thedistance to be traversed and the nature of the intervening ground. The bulkiest articles talken with us were the boats, which wereall about 30 feet long, and made in proportion. They were built with keels, and 2 n form very much like those usedin our navy. Each boat carried eight or nine soldiors, and two or three Indians, or civilians, who had been especially engaged as skilled in managing boats in rapid water. Thestores weresixty days' provisions for all embarked, consisting of salt pork, beans, preserved potatoes, flour: biscuit, popper, sult tea and sugar. The heaviest of these articles was the pork, which was packed in small barrels, weighing 200lbs. each, the others veing in much
lighter and mucis handier packagos. Bosides food there was ammmition, intrenchingetools, camp equinmont, cooking utensils, waterproof sheots, blankets, de., \&EC ; and with the artillory, tro 7 -pounder bronze guns, and their ammunition, material, se.

The bonts were distributed into brigades of six, tg eacli of which a company was al lotted. With each brigado were boat buil. ders tools, and all sorts of stuff . or repnirs, besides sparo oars, sails, \&c., \&c. Once started, it was known that wo should have to rely upon ourselves and the stores we took with us; for such was the utter bar reness of the wilderness through which we were about to penetrate, that nothing but wood, stones and wator were to be had there.

Every probable, indeed almost overy pos. sible contingency had to be thought of and provided for; and it may be contidently as. serted that no expedition has ever started more thoroughly completo or better prepared for its work.

The brigades of woats were to movesingly or in groups of two or three, according to circumstances; but three was the largest number that could work together on a portage, two being the best. When one of these detachments reached a portago-which it gencrally did before the one immediately in front of it had got all its stores, \&ce., over and had again started-the boats were at once dravn into the shore as close as possiblo and unloaded, the stores belonging to each boat being put in a separate pile. These were covered over with tarpaulins if the hour was too late for work, or if-as was al. ways the case with the leading detachment, consisting of three brigades-the road over the portage had to be opened out, and rollers for the boats laid down upon it. At other times the men began to carry over the stores without delay, piling them in heaps, one for each boat, at the far end of the road. The ordinary meti $d$ in vogue with Indians and tho regular North American voyageurs for carrying loads is bymeans of a long strap about three inches wide in the centre, where it is passed across tho forehead, but tapering off to an inch in width at the ends, which are fastened round tho barrel or parcel to be portaged.

Men accustomed to this work will thus catry weights of 4001 b ., and some 5001 b . across the longest portage, the loads resting on the upper part of the back and kept there by the strap going round the forehead. The great strain is thus upon the neck, which has to bo kept very rigid, whilst the body is bent well forivard.

As it could not be expected that soldiers untrained to such labour would be able to carry loads in that manner, short pieces of rope with a loop at tach end were supplied to the boats, by means of which two short peles-cut in the woods at the portages as required-were easily converted intto a very efficient hand barrow, of just the dimensions required for the conveyance of the small barrels in which our pork and flour were packod.

After, however, a little practice, a large proportion of the men soon learned to use the common portage strap, their officers set ting them the example by themselves carrying hoayy loads with it. As soon as all the stores had been convejed across the portage the boats were huuled ashore and dragged over their keels resting on small trees felled across the path to act as rollers. The labour involved by hauling a heavy boat up a very steep incline, to a height of about a hundred feet, is no child's play. In each boat there was a strong painter and a torv-ing-line by means of which and the leather
portage straps a sort of man harness was formed when required, so thint forty or fifty men could haul together. iny tho portage was a mile long (some wore more), and that each man had to mako ten trips across it before all the stores of his brigade rere got over, ho would havo walked nineteen miles during the operation, being henvily ladon for ten of them. At some portages consid. erablo engineering ingenuity was requiredsmall streams had to bo bridged and marshj spots to be corduroyed over. By thie time our men returned many of them wero ex pert axemen, and all wero moro or less skilled in tho craft of tho royageur and Amerlcal woodsman.
Tho country between Princo Arthur's Landing and Shebandowan Lake is wild and rugged. The road between those two places runs W.N.W., nnd may, for purposes of description, bo d: ided intothreesections-the first extending to Straivberry Creek, about eighteen miles; tho second to the Matawan River, nbout elght miles further on, and the third from thenco to Shebandowan Lake, about tiventy-two miles more.
The first section is very hilly, the soil near the bity being sandy, with a surface covering at most places of from six to twonty-nine inches of peaty mould. In the valleys between the hills are deop swamps over which roads cau ouly bo mado with considerable labour. The timber. has been entirely destroyed in some places by fires, so that overy now and then the road emerges from the thick forest into clear open spaces sometimes of many inundreds of acres in extent, where the ground is covered with the burnt trunks of fallen trees, piled up at places one over the other Jike spilikins, an occasional pine of great height being left standing as it were to show the traveller the vastness of the destruction. These places aro called bretecs in the language of the country, and in a few years after tho fire has passed over thom, aro so thickly covered by raspberry and rose bushes that it is difficult and tiring to cross them on foot. The tumier consi, ts of whito and red sprnce, pitch pine, balsam, cedar, tamorack, wlice birch and poplar, the latter being at some places along tho road in large quantities and of a great size. The rocks are trappean, a hard compact slate, with numerous veins of amethystine quartz and jasper, and jasper conglomerate, running through thom in irregulardirections Many silver mines have been discovered in the neighbourhood, and galena, plumbago, and copper in several forms are known to abound; so that no prophatic porvers are necessary to fortell the great importance that, this country will assume ere long from the developement of its mineral resources. About midway in this section is the most rocky district traversed by the road, where it ascends through a rugged and hilly country to a height of many hundred feet above Thunder Bay. This region is also heavily wooded, so road making through it was no casy matter. At many places largo sized boulders had to be removed from the road, and at others where great rough rocks cropped up in the way, they were broken up by lighting huge fires around thom and by throwing water over them when thoroughly heated. This caused them to spht up into pieces, reminding one of the method said to have been adopled by Hannibal in crossing the Alps.
Some half.dozen emigrants had settled along this first section of the road, the britles enabling them to establish themselves without the labour of felling timber; and their little shanties were, when we arrijed, already surrounded by potato garcens, whilst here and there the rich greeness of "a

