Nov. 24, 1900

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Trail Creek Geology.

competent geologists and mining men who have examined portions of this district that the descriptions thus covering half the great circle given by Mr. Clarence King, Dr. Rossiter W. Raymond and Professor pansion about the latitude of San Waldemar Lingren at the trial in Francisco where it is 1200 or 1400 the case between the Iron Mask miles wide. That mountain sysand the Centre Star mining com- tem ranks next in physical impanies before Judge Walkem of the portance to that of the east and supreme court of British Columbia west system which traverses Asia in May, 1899, are the best that and Europe, but unlike that system have yet been given of the mineral it is an empire of mines; and its veins which traverse Red Mountain geology besides having a high aband the adjoining territory. Too stract interest lies at the basis of little importance has so far been the knowledge of mining for this given to the elucidation of so im- immense area. portant a subject.

opinions of the geology of this dis- belief. They make the superpositrict no excuse to our readers is tion of strata amounting to over necessa.y as we have always main- 120,000 feet in actual measured tained that the economic geologist thickness; they make a history should precede the advance of the in- from very near the dawn of geovestor and thus safeguard his inter- logical history-absolutely till toests. done in advance of the geologist And this dynamic action has conand expert with results that might sisted in the upheaval, in the dehave been avoided by the exercise pression, in the crushing and foldof precaution which after all is nec- ing together, and in the dislocation essary to the success of all busi- of enormous blocks of this great ness enterprises.

the special request of the court en- 100,000 feet are derived from the tered very fully into the whole sub-older rocks in their immediate His large experience, prac- neighborhood. iect. tical as well as theoretical, enabled him to launch into the subject with see, these sediments have never ease and probably had it not been traveled to very great distances. for the thoughtfulness of the court the public would not have been as amounting in all to 40,000 feet well instructed on this subject on have been piled up consecutively , hat occasion, at least, as it was and continuously and without by Mr. King's ability to make break but all those series of various statements of the utmost import- episodes of sedimentation were ance to the investing public.

trict surrounding Rossland, Mr. crushed or depressed and then the King said:

"The district immediately about gun under these terms."

Rossland is as is commonly known It is now generally conceded by a part of a great whole, which whole is the mountain system that borders the Pacific from Cape Horn to the Arctic Sea. It is a system of the globe and has its widest ex-The quantities comprised in this system of the Cor-In presenting extracts of their dilleras are great almost beyond In this districtmuch has been day of dynamic action and effect. territory. The sedimentary series Mr. King in his introductory at which I have said amount to over

"So far as we have been able to

"Sometimes a series of strata ended in a destructive dynamic Referring to the immediate dis- period, and they have been uplifted process of sedimentation has be-