ABSTRACT. In this paper, study the module structure of

$$\mathrm{Ext}^0_{BP_*BP}(BP_*, BP_*/(p, v_1^\infty, v_2^\infty)),$$

which is regarded as the chromatic E_1-term converging to the second line of the Adams-Novikov E_2-term for the Moore spectrum. The main difficulty here is to construct elements $x(sp^r/j;k)$ from the Miller-Ravenel-Wilson elements $(x^s_{3,r}/v_2^j)^{p^k} \in H^0M_2^1$. We achieve this by developing some inductive methods of constructing $x(sp^r/j;k)$ on k.