**7.3.8.6 Prediction unit syntax**

|  |  |
| --- | --- |
| prediction\_unit( x0, y0, nPbW, nPbH ) { | Descriptor |
| … |  |
| } else if( intra\_bc\_flag[ x0 ][ y0 ] ) { /\* Intra BC\*/ |  |
| **intra\_lc\_flag**[ x0 ][ y0 ] | ae(v) |
| if( intra\_lc\_flag[ x0 ][ y0 ] ) |  |
| **row\_splitting\_flag**[ x0 ][ y0 ] | ae(v) |
| for( i = 0; i < (intra\_lc\_flag[ x0 ][ y0 ] ? ( row\_splitting\_flag[ x0 ][ y0 ] ? nPbH : nPbW ) : 1 ); i++ ) { |  |
| bvd\_coding( x0, y0, 2 ) |  |
| **bvp\_flag**[ x0 ][ y0 ] | ae(v) |
| } |  |
| } |  |

**7.4.9.7 Prediction unit semantics**

**intra\_lc\_flag**[ x0 ][ y0 ] equal to 1 specifies that the current prediction unit is coded in intra line copying mode. intra\_lc\_flag[ x0 ][ y0 ] equal to 0 specifies that the current prediction unit is coded in intra block copying mode. When not present, the value of intra\_lc\_flag is inferred to be equal to 0. The array indices x0, y0 specify the location ( x0, y0 ) of the top-left luma sample of the considered prediction block relative to the top-left luma sample of the picture.

**row\_splitting\_flag**[ x0 ][ y0 ] equal to 1 specifies that the current prediction unit is row-wise splitting. row\_splitting\_flag[ x0 ][ y0 ] equal to 0 specifies that the current prediction unit is column-wise splitting. When not present, the value of row\_splitting\_flag is inferred to be equal to 0.

**7.4.9.10 Motion vector difference semantics**

The variable BvdIntra[ x0 ][ y0 ][ compIdx ] specifies the difference between a vector component to be used for the intra block copying prediction mode and its prediction. The value of BvdIntra[ x0 ][ y0 ][ compIdx ] shall be in the range of −128 to 128, inclusive [Ed. (RJ): Please check the range]. The array indices x0, y0 specify the location ( x0, y0 ) of the top-left luma sample of the considered prediction block relative to the top-left luma sample of the picture. The horizontal block vector component is assigned compIdx = 0 and the vertical block vector component is assigned compIdx = 1. When the considered prediction block is coded in intra line copying mode, the array indices i, j specify the location (i, j) of the top-left luma sample of the considered block relative to the top-left luma sample of the prediction block. Otherwise, i and j are inferred to be equal to 0.

* If refList is equal to 0, MvdL0[ x0 ][ y0 ][ compIdx ] is set equal to lMvd[ compIdx ] for compIdx = 0..1.
* Otherwise, if refList is equal to 1, MvdL1[ x0 ][ y0 ][ compIdx ] is set equal to lMvd[ compIdx ] for compIdx = 0..1.
* Otherwise (refList is equal to 2), BvdIntra[ x0 + i ][ y0 + j ][ compIdx ] is set equal to lMvd[ compIdx ] for compIdx = 0..1 [Ed. (RJ): Please check this part.]