Cross-Script Variant Analysis Devanagari – Gurumukhi

1. **Pending Issue**

#	Devanagari	Gurmukhi	Possible Resolution
1	प्टे (092A 094D 091F 0946)	ऐ (0A0F)	Option A: These are variant code points. Option B: These are similar code points. Option C: These are non-confusable code points.

These pairs of code points have another related case प्टे (092A 094D 091F 0947) ऐ (0A0F), which are defined as variant code points. Therefore, if option B or C is selected. The NBGP member also need to decide whether to change the resolution for the related pairs.

2. **Variant code points**

#	Devanagari	Gurmukhi	Resolution
1	◌ं (0902)	◌ं (0A02)	Variants
2	इ (0907)	ਙ (0A19)	Variants
3	उ (0909)	੩ (0A24)	Variants
4	ग (0917)	ਗ (0A17)	Variants
5	घ (0918)	ਬ (0A2C)	Variants
6	ट (091F)	ਟ (0A1F)	Variants
7	ठ (0920)	ਠ (0A20)	Variants
8	ढ (0922)	ਫ (0A2B)	Variants
9	त (0924)	ਜ (0A1C)	Variants
10	प (092A)	ਪ (0A27)	Variants
11	भ (092D)	ਮ (0A2E)	Variants
12	म (092E)	ਸ (0A38)	Variants
13	य (092F)	ਪ (0A27)	Variants
14	व (0935)	ਕ (0A15)	Variants
15	ह (0939)	ਵ (0A35)	Variants
16	◌ू (0957)	◌ੂ (OA42)	Variants
17	◌ृ (0956)	◌ੁ (OA41)	Variants
18	ि◌ (093F)	ਿ◌ (0A3F)	Variants
19	◌ी (0940)	◌ੀ (0A40)	Variants
20	◌े (0947)	◌ੇ (0A47)	Variants

#	Devanagari	Gurmukhi	Resolution
21	ै (0948)	ੈ (0A48)	Variants
22	प्टि (092A 094D 091F 093F)	ਿ (OAO7)	Variants
23	प्टी (092A 094D 091F 0940)	ੀ (OAO8)	Variants
24	प्टे (092A 094D 091F 0947)	ੇ (OAOF)	Variants
25	त्त (0924 094D 0924)	ਜ (OA1C)	Variants
26	ॅ (0945)	ੱ (OA71)	Variants
27	े (0946)	ੇ (0A47)	Variants

3. Similar code points

#	Devanagari	Gurmukhi	Resolution
1	ठ (0920)	ਨ (0A28)	Appendix - Similar
2	ठ (0920)	ਰ (0A30)	Appendix - Similar
3	ड (0921)	ਡ (0A21)	Appendix - Similar
4	ड (0921)	ਡ (0A21)	Appendix - Similar
5	ड (0921)	ਤ (0A24)	Appendix - Similar

4. Not confusable

#	Devanagari	Gurmukhi	Resolution	Note
1	उ (0909)	ਭ (0A2D)	Remove - no similar	
2	ट (091F)	ਫ (0A2B)	Remove - no similar	
3	ढ (0922)	ਢ (0A22)	Remove - no similar	resolved during NBGP Meeting 19 Jan 18
4	प (092A)	ਪ (0A2A)	Remove - no similar	
5	म (092E)	ਮ (0A2E)	Remove - no similar	
6	य (092F)	ਪ (0A2A)	Remove - no similar	
7	र (0930)	ਕ (0A15)	Remove - no similar	Based on Akshat email to NBGP 31 Jan, agreed by Lehal and Jay
8	र (0930)	ਦ (0A26)	Remove - no similar	
9	ष (0937)	ਖ (0A16)	Remove - no similar	
10	ष (0937)	ਥ (0A25)	Remove - no similar	

#	Devanagari	Gurmukhi	Resolution	Note
11	ड (0921)	ਛ (0A1B)	Remove - no similar	resolved during NBGP Meeting 19 Jan 18
12	ढ (0922)	ਛ (0A1B)	Remove - no similar	resolved during NBGP Meeting 19 Jan 18
13	ट (091F)	ਦ (0A26)	Remove - no similar	resolved during NBGP Meeting 19 Jan 18

5. Other cases

#	Devanagari	Gurmukhi	Resolution	Note
	प्ट (092A 094D 091F)	ੲ (0A72)	Remove	as 0A72 is out of repertoire