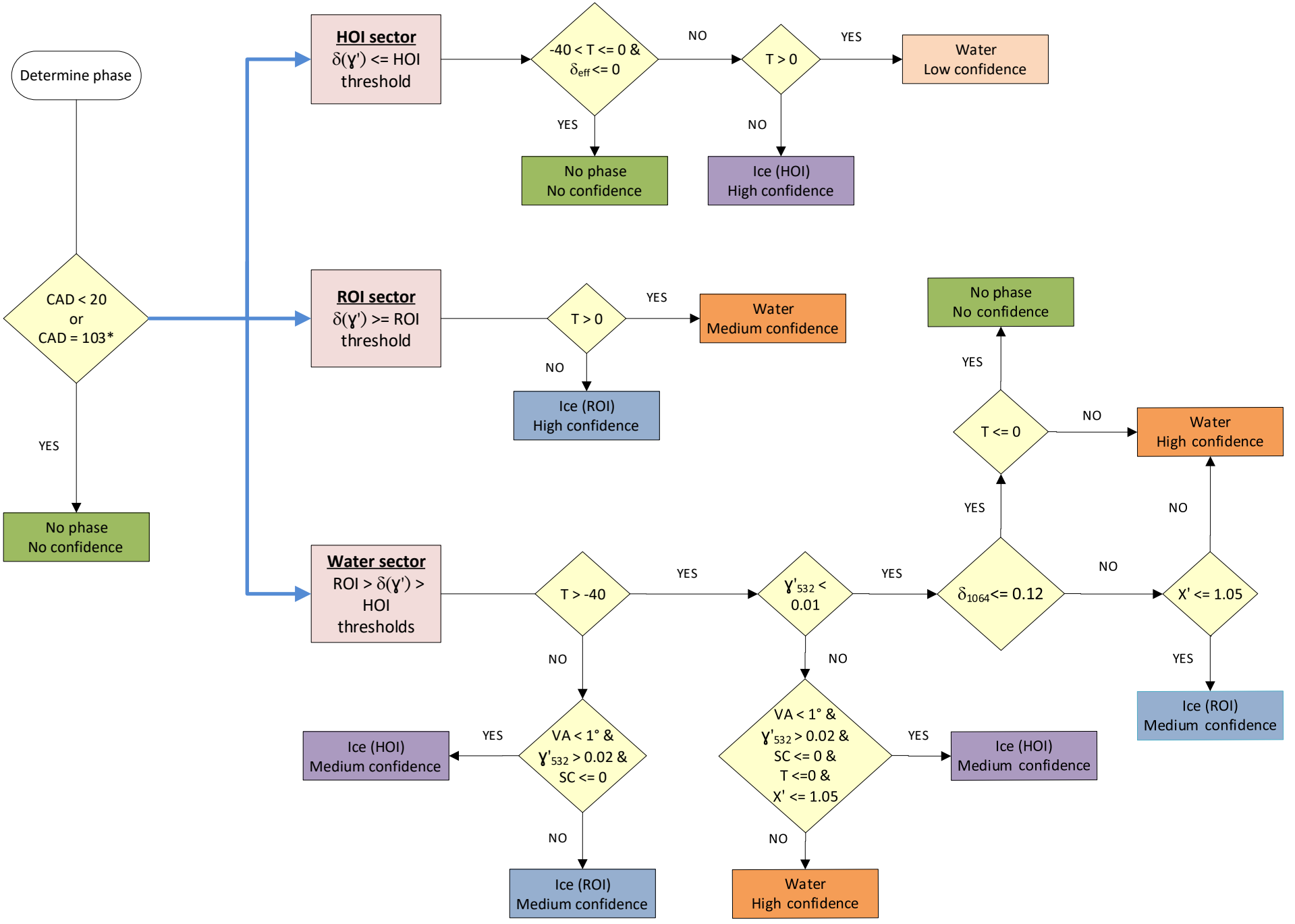
Determine phase
CAD < 20 or CAD = 103*
YES
No phase No confidence
HOI sector δ(γ') <= HOI threshold
-40 < T <= 0 & δeff <= 0
NO
T > 0
YES
Water Low confidence
YES
No phase No confidence
NO
Ice (HOI) High confidence
ROI sector δ(γ') >= ROI threshold
T > 0
YES
Water Medium confidence
NO
Ice (ROI) High confidence
Water sector ROI > δ(γ') > HOI thresholds
T > -40
YES
γ'532 < 0.01
YES
δ1064<= 0.12
YES
T <= 0
YES
No phase No confidence
NO
Water High confidence
NO
X' <= 1.05
YES
Ice (ROI) Medium confidence
NO
VA < 1° & γ'532 > 0.02 & SC <= 0
YES
Ice (HOI) Medium confidence
NO
Ice (ROI) Medium confidence
NO
VA < 1° & γ'532 > 0.02 & SC <= 0 & T <=0 & X' <= 1.05
YES
Ice (HOI) Medium confidence
NO
Water High confidence