ᑭᖑᓪᓕᕐᒥᒃ

ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓪᓗᑎᒃ

ᓴᓇᕐᕈᑎᓕᕆᓂᕐᒥ

ᕿᒥᕐᕈᔭᐅᓂᖕᒋᑦ 2021-ᒥ

ᐆᒃᑐᕋᐅᑎᐅᓪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᖕᒋᑦ

ᐋᖅᑭᒃᓱᐃᔨᐅᔪᑦ: **ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᒌᖕᒋᑦ**

ᐅᑯᐊᑦ ᐱᓕᕆᔾᔪᑎᔭᐅᔪᑦ: **ᓄᓇᕗᑦ ᐸᕐᓇᐃᑎᓕᐅᖅᑎᑦ ᑲᑎᒪᔨᕐᔪᐊᖕᒋᑦ**

ᐅᑉᓗᖕᒐᓂ: ᐊᐃᐱᕆ 15, 2022

ᐃᓗᓕᖅᑭᑦ

ᓯᕗᓕᖅᑕ 3

1. ᐃᓱᒪᓗᒍᑎᖃᕐᕕᐅᓂᖅᑭᑦ ᑕᒪᐃᑎᒎᕐᓗᒋᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔾᔪᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖅᑭᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) 5

2. ᑐᒃᑐᐃᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓂᖅᑭᑦ 9

3. ᐅᔭᕋᒃᑕᕆᐊᓕᕆᓂᖅ 28

4. ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᖅ 314

5. ᐃᒥᕆᔭᐅᔪᒃᓴᐅᓂᐊᕐᓱᓂ ᐃᒥᖅ 378

6. ᓄᓇᒋᔭᐅᔪᑦ ᐊᕙᑎᖕᒋᓐᓃᑦᑐᓂ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒪᔪᑦ 28

7. ᐃᑎᕐᕕᖃᕈᓐᓇᕐᓂᐅᔪᑦ 30

8. ᑭᖑᓪᓕᕐᒥᒃ ᐊᒻᒪᓗ ᐊᑐᓕᕐᑯᔭᐅᐸᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᐅᔪᑦ 31

9. ᓇᓗᓇᐃᔭᕐᕕᐅᓯᒪᔪᑦ 32

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1 - ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᑦ (IOL) 32

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 2 - ᑐᒃᑐᓄᑦ ᑐᕌᖕᒐᔾᔪᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᑦ (IOL) 33

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3 - ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᓂᖃᓕᕐᕕᐅᔪᓐᓇᕐᓂᖕᒐ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ 34

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4 - ᑐᒃᑐᓄᑦ ᑐᕌᖕᒐᑦᓗᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᓯᕗᓪᓕᐅᑎᑕᐅᓯᒪᓂᖕᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ 35

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5 - ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ 36

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 6 - ᑐᒃᑐᓄᑦ ᑐᕌᖕᒐᔾᔪᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᓯᕗᓪᓕᐅᑎᑕᐅᓯᒪᓂᖕᒋᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ 37

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 7 - ᓄᓇᒋᔭᐅᔪᒥᑦ ᐃᒥᕐᑯᑎᒃᓴᖅᑖᕐᕕᐅᕙᒃᑐᓄᑦ ᓄᓇᙱᐊᖅ ᐊᒻᒪ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔾᔪᓂ ᐅᔭᕋᖕᓂᐊᖅᑎᓂᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒪᔪᓄᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᖕᒋᑦ 38

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 8 - ᐱᓕᕆᐊᖑᔪᒃᓴᑦ 19-11 ᒐᕙᒪᒃᑯᑦ ᐊᖅᑯᑎᖕᒋᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ 39

ᐅᐃᒍᖕᒋᑦ 1 - ᐱᓕᕆᑦᔪᓯᐅᕙᒍᖕᓇᖅᑐᑦ ᑐᒃᓯᕋᐅᑎᖃᕐᓂᐊᕐᓗᓂ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒧᑦ ᓄᓇᕗᒻᒥ 40

ᐅᐃᒍᖕᒋᑦ 2 - ᒫᓐᓇᒧᑦ ᑎᑭᑦᓱᒍ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ 46

ᓯᕗᓕᖓ

ᑖᑉᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᕈᖕᓃᖅᑎᑦᓯᓯᒪᕗᑦ ᐊᒻᒪᓗ ᐃᓇᒦᑉᓗᑎᒃ ᓴᓇᕐᕈᑎᓕᕆᓂᕐᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ ᑐᓂᔭᐅᓯᒪᓕᓚᐅᖅᑐᓄᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᑦ (KivlA) ᐅᒃᑐᐱᕆ 8, 2021. ᐅᒃᑐᐱᕆ 8, 2021-ᒥ ᓴᓇᕐᕈᑎᓕᕆᓂᕐᒧᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᑐᓂᔭᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᓄᑦ (NPC) ᓯᕗᕐᖓᓂ ᑭᖑᕙᓇᐊᖅᑎᑕᐅᓯᒪᓕᕐᓂᐊᕐᓂᖏᑕ ᐅᑭᐊᒃᓵᖓᓄᑦ 2021 ᓈᓚᖕᓂᖃᕐᓂᐅᓂᐊᖅᑐᓂᑦ ᐊᒻᒪᓗ ᑐᓂᔭᐅᓯᒪᓕᓚᐅᖅᓱᑎᒃ ᑭᖑᕙᖅᑎᑕᐅᓯᒪᓇᑎᒃ ᑐᓂᔭᐅᓯᒪᓕᓇᐊᖃᕐᓂᖏᓐᓄᑦ ᒪᓕᒃᑎᑕᐅᑉᓗᑎᒃ ᑭᖑᓂᐊᓂᓗ ᐊᓯᔾᔨᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓄᑦ. KivlA-ᑯᑦ ᐊᑯᓂᐅᓂᖅᓴᒥᒃ ᖃᐅᔨᒋᐊᕈᓐᓇᓚᓚᐅᕐᒪᑕ ᕿᒥᕐᕈᐃᑉᓗᑎᒃ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᖏᓐᓂᒃ (2021 DNLUP) ᐊᒻᒪ ᑖᑉᑯᐊ ᑐᓂᔭᐅᓯᒪᓕᕐᓂᖏᑦ ᑕᑯᒃᓴᐅᑎᑦᓯᓯᒪᑉᓗᑎᒃ ᖃᐅᔨᒋᐊᒃᑲᓐᓂᒐᐅᓯᒪᓕᓚᐅᕐᓂᖏᓐᓄᑦ. ᑖᒃᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᑐᓂᔭᐅᓯᒪᓕᕐᓂᖏᑦ ᐅᕐᑲᐅᓯᕐᑲᒃᑲᓐᓂᖅᐳᑦ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᑐᕌᖓᑉᓗᑎᒃ ᑐᒃᑐᓄᑦ, ᐃᒥᓇᔭᐅᔪᒃᓴᐅᓂᐊᕐᓱᑎᒃ ᐃᒥᕐᒧᑦ, ᓄᓇᒋᔭᐅᔪᑦ ᐊᕙᑎᖏᓐᓃᑦᑐᓂ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒪᔪᓄᑦ, ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓂᕐᓄᑦ, ᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᒧᑦ, ᐃᑎᕐᕕᖃᕈᖕᓇᕐᓂᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐱᔾᔪᑎᖃᖅᑎᒋᔭᐅᖕᒪᑕ ᐃᓄᖕᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᓄᓇᕐᓯᐊᑉ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᖁᑦᓯᖕᓂᖕᒋᑎᒍᑦ ᐊᒻᒪᓗ ᐃᑲᔪᖅᑐᐃᓂᖃᖅᓱᑎᒃ ᒌᓇᐅᔭᓕᐅᕈᑎᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐃᓄᖕᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ ᐱᑦᔪᑎᒋᓗᒋᑦ. ᑖᑉᑯᐊ DNLUP-ᖁᑎᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓚᐅᖅᑐᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᓂᑦ (NPC) ᒪᓕᒃᓱᒋᑦ ᐱᓕᕆᐊᒃᓴᖃᖅᑎᑕᐅᓂᖅᑎᒃ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᐅᓯᒪᔪᓃᑦᑐᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐃᓚᖏᑦ 11-ᖓᓂ ᐅᖃᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕗᒻᒥ ᓄᓇᓕᕆᓂᕐᒧᑦ ᐊᖏᕈᑎᓂ. *(ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᑦ).* ᓴᓇᕐᕈᑎᓕᕆᓂᕐᒥ ᕿᒥᕐᕈᔭᐅᓂᖏᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᓕᓚᐅᖅᐳᑦ KivlA-ᑯᓐᓂᑦ ᐱᓕᕆᐊᕆᔭᐅᕙᓪᓕᐊᑉᓗᑎᒃ ᖁᑦᑎᖕᓂᖅᐹᑎᒍᑦ ᐱᓕᕆᐊᒃᓴᕆᔭᐅᔪᓄᑦ ᐅᖃᖅᑕᐅᓯᒪᓂᖏᑦ ᒪᓕᒃᑐᒋᑦ ᐅᑯᓇᓂ:

ᐃ) ᖃᐅᔨᒋᐊᕐᓂᖅ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐅᖃᐅᓯᒃᓴᖏᑦ ᐊᒻᒪᓗ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᖏᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ ᕿᒥᕐᕈᔭᐅᑎᓪᓗᒋᑦ 2016-ᒥ ᐆᒃᑐᕋᐅᑎᐅᑉᓗᑎᒃ ᓄᓇᕗᒻᒥ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ (2016 DNLUP) ᐱᓕᕆᐊᖑᓯᒪᓕᓚᐅᕐᒪᖔᑕ, ᐊᒻᒪᓗ

ᐅ) ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᕐᓱᑎᒃ ᖃᓄᑐᐃᓐᓇᖅ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᓕᖅᑐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᐅᓕᓚᐅᖅᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (2021 DNLUP) ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓕᕈᓐᓇᕐᓱᑎᒃ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᒃᓴᖏᑕ ᐋᖅᑭᒋᐊᖅᑕᐅᒃᑲᓐᓂᖅᓯᒪᙱᓪᓗᑎᒃ.

ᑖᑯᐊ ᐱᓕᕆᐊᒃᓴᕆᔭᖏᑦ ᐅᖃᖅᑕᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᖃᓄᑎᒋ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᐋᖅᑭᐅᒪᓂᖃᓕᖅᑎᑕᐅᖁᑉᓗᒋᑦ KivlA-ᑯᑦ ᐱᓕᕆᐊᒃᓴᕆᔭᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᖅᑎᐅᓂᖏᓐᓄᑦ ᐃᓄᖕᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ. ᑭᕙᓪᓕᖅᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᖃᐅᔨᒪᔨᒻᒪᕆᒋᔭᐅᔪᓂᒃ ᐱᓯᒪᓕᓚᐅᕐᒪᑕ (ᐅᔭᕋᖕᓂᐊᖅᓂᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᒪᑕᐅᔪᓂᑦ) GeoVector Management Inc.-ᑯᓐᓂᒃ (ᔨᐅᕕᒃᑐᖅ) ᐊᒻᒪᓗ (ᐊᕈᕋ ᐆᒪᔪᓕᕆᓂᕐᒥ ᖃᐅᔨᓴᖅᑎᒻᒪᕆᐅᔪᓂᑦ (Aurora Wildlife Research) (ᐊᕈᕋ) ᐃᑲᔪᖅᑎᒋᔭᐅᓂᐊᖅᑐᓂᒃ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᓂᕐᒥᖕᓂ ᑖᑉᑯᓂᖓ ᓴᓇᕐᕈᑎᒋᓕᕆᓂᕐᒧᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ.

ᑖᑉᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᖅᓯᒪᕗᑦ ᐅᑯᓂᖓ ᓄᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᓂᐊᖅᑐᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓂᒃ, ᐱᔭᐅᓯᒪᑉᓗᑎᒃ 2021 DNLUP-ᖁᑎᓂᑦ:

"ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ" ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ ᓇᓗᓇᐃᑦᑐᒥᒃ ᐱᑕᖅᑲᖅᐳᑦ ᐅᑭᐅᓗᒃᑖᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓂᐅᕙᒃᑐᓂᑦ ᐊᑕᐅᑦᓯᒥᑦ

ᐊᒥᓲᓂᖅᓴᐅᑉᐳᑎᒃᑑᓐᓃᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒐᓄᑦ. ᐃᓚᖃᕈᖕᓇᕐᒥᔪᑦ ᒪᓕᒋᐊᖃᓕᖅᑎᑕᐅᓯᒪᔪᓂᒃ, ᓱᕐᓗ ᐅᑭᐅᑉ ᐃᓚᖕᒐᓂ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᕙᖕᓂᕐᓂᒃ ᐃᓚᖕᒋᓐᓂ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐅᕝᕙᑑᓐᓃᑦ ᑭᖑᕙᓇᐊᖅᑎᑦᓯᓯᒪᔭᓇᐊᖃᕐᓂᐅᕙᒃᑐᓂᑦ ᐱᒻᒪᓇᐅᑎᒋᔭᐅᑉᐳᑎᒃ ᓱᓇᕐᑯᑎᐅᔪᓄᑦ.

"ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᑉᐳᑎᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ" ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᑉᐳᑎᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᓇᐳᓇᐃᑦᑐᒥᒃ ᐱᑕᖃᖅᐳᑦ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓂᐅᔪᓄᑦ ᓱᕐᓗ ᐅᑭᐅᓗᒃᑖᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓂᐅᕙᒃᑐᓂᑦᐃᓚᖕᒋᓐᓂᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒐᓄᑦ, ᐅᕝᕙᑑᓐᓃᑦ ᑭᖑᕙᓇᐊᖅᑎᑦᓯᓯᒪᔭᓇᐊᖃᕐᓂᐅᕙᒃᑐᓂᑦ ᐱᒻᒪᓇᐅᑎᒋᔭᐅᑉᐳᑎᒃ ᓱᓇᕐᑯᑎᐅᔪᓄᑦ.

"ᐊᑯᐸᓕᐅᔪᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ" ᐊᑯᐸᓕᐅᔪᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᕙᑎᐅᔪᓂ ᓇᐳᓇᐃᖅᑕᐅᓯᒪᔫᕗᑦ ᐊᑐᖅᑕᐅᓕᕈᖕᓇᕐᓂᖕᒋᑕ ᐃᑲᔪᖅᑐᐃᔾᔪᑎᐅᓂᐊᖅᓗᑎᒃ ᐊᔾᔨᒌᙱᐅᖅᑐᓄᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᐅᔪᓄᑦ ᓇᐳᓇᐃᑦᑐᒥᒃᓗ ᐱᑕᖃᖅᓗᒃ ᐱᑕᖃᖅᑎᑕᐅᓯᒪᙱᒋᓐᓂᖕᒋᑕ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᔾᔪᑎᐅᔪᓂᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓂ ᐅᕝᕙᑑᓐᓃᑦ ᒪᓕᒐᒃᓴᖃᖅᑕᐅᓯᒪᔪᓂᒃ ᐱᑕᖃᖅᑎᑕᐅᓯᒪᓇᑎᒃ. ᐊᑯᐸᓕᐅᔪᓂ ᐊᑕᐅᖅᑕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓃᑦᑐᓂ, ᑕᒪᕐᒥᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐃᓱᒪᒋᔭᐅᕙᒃᑐᑦ ᑖᒃᑯᓄᖕᒐ ᐸᕐᓇᐅᑎᓄᑦ ᐋᖅᑭᐅᒪᓕᖅᓯᒪᑎᑕᐅᓂᖕᒋᓐᓄᑦ. ᐊᑯᐸᓕᐅᔪᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᑕᐃᒪᐅᔭᓇᐊᖃᕐᓂᖕᒋᑦ ᐃᓚᖕᒋᓐᓄᑦ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓪᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ ᐊᒻᒪᓗ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓪᓗᑎᒃ ᐃᓅᖃᑎᒌᒃᑐᓄᑦ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕈᑎᐅᕙᒃᑐᓄᑦ ᐊᒥᓱᐃᓕᖕᒐᔫᐸᓪᓗᑎᒃ ᐃᓕᔭᐅᖃᑕᐅᓯᒪᕗᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP).

"ᐊᑐᕐᓂᖃᖅᑎᑕᐅᔪᑦ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ" (VEC)" ᐃᓚᐅᖃᑕᐅᑎᑕᐅᖕᒪᑦ ᐊᕙᑎᓄᑦ ᓇᐳᓇᐃᖅᑕᐅᓯᒪᐸᓪᓗᑎᒃ ᑖᐸᑯᓇᓂ ᐸᕐᓇᐅᑎᓂ. ᐃᓚᒋᔭᐅᖃᑕᐅᒐᔪᖕᓂᖅᓴᐅᐸᓪᓗᓂ ᓇᐳᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ ᓄᓇᖃᖅᑐᓂᑦ ᐅᕝᕙᑑᓐᓃᑦ ᑲᒪᔨᐅᔪᓂᑦ ᐱᒻᒪᓇᐅᓂᕋᖅᑕᐅᐸᓪᓗᑎᒃ ᓄᓇᐅᑉ ᐊᕙᑎᒋᔭᖕᒐᓂ.

"ᐊᑐᕐᓂᖃᖅᑎᑕᐅᔪᑦ ᐃᓅᖃᑎᒌᒃᑐᓄᑦ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕈᑎᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ (VSEC)" ᐊᕙᑎᐅᔪᒧᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᖅ ᓇᐳᓇᐃᖅᑕᐅᓯᒪᐸᓪᓗᓂ ᑖᐸᑯᓇᓂ ᐸᕐᓇᐅᑎᓂ. ᐃᓚᒋᔭᐅᖃᑕᐅᓂᖕᒐ ᑮᓇᐅᔭᓕᐅᕋᓱᐊᖃᑦᑕᕐᓂᕐᓄᑦ, ᐃᓅᖃᑎᒌᒃᑐᓄᑦ ᐅᕝᕙᑑᓐᓃᑦ ᐱᓯᑐᖃᓕᓇᓂᕐᒧᑦ ᐊᑕᕝᕕᖃᓪᓚᓇᒃᑎᑕᐅᓪᓗᓂ.

1. **<u>ᐃᓱᒫᓗᒍᑎᖃᕐᕕᐅᓂᖏᑦ ᑕᒪᐃᑎᒎᕐᓗᒋᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP)</u>**

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ (KivIA) ᓱᓕ ᐃᓱᒫᓗᒍᑎᖃᖅᑐᑦ ᑕᒪᐃᑎᒎᕐᓗᒋᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᓐᓂᐊᖅᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᐊᒻᒪ ᑕᒪᒃᑯᐊ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᒋᔭᖏᑦ ᐱᓕᕆᐊᖑᓯᒪᓕᓚᐅᖅᑳᖅᑎᓐᓇᒋᑦ KivIA-ᑯᑦ ᐃᑲᔪᖅᑐᐃᓂᖃᕐᓂᐊᙱᑦᑐᑦ ᑭᖑᓪᓕᕐᒥᒃ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕋᔭᕐᓂᕐᓄᑦ 2021 DNLUP-ᕐᑯᑎᓂᒃ. ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐊᓯᔾᔨᖅᑕᐅᓯᒪᓕᕐᑯᔨᓂᕐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᐊᒥᓲᖕᒪᑕ ᐊᒻᒪᓗ ᓈᒻᒪᙱᑦᑐᑎᒍᑦ ᐊᒃᑐᐃᓯᒪᓂᖃᓕᕐᓂᐊᕐᔪᑎᒃ ᐃᓄᐃᑦ ᐊᐅᓚᑦᓯᔾᔨᐅᓂᖏᓐᓂᒃ ᐊᒻᒪ ᐊᐅᓚᑦᓯᓂᓇᕙᒃᑕᖏᓂᒃ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂᒃ (IOL) ᐊᒻᒪᓗ ᐊᓯᐅᔾᔨᓯᒪᓕᕈᑎᐅᓂᐊᕐᔪᑎᒃ ᐃᓄᐃᑦ ᑮᓇᐅᔭᓕᐅᓕᕈᑎᒋᓗᒋᑦ ᐱᓕᕆᓂᖃᕐᕕᒋᔪᖕᓇᖅᑕᖏᓐᓄᑦ. ᓈᒻᒪᙱᑦᑐᒥᒃ ᐊᒃᑐᐃᓯᒪᓂᖃᓕᕐᓂᐅᔪᑦ 2021 DNLUP-ᕐᑯᑎᓂᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᓯᒪᔪᓄᑦ ᐃᓚᐅᖃᑕᐅᓚᐅᙱᒻᒪᑕ *ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ.*

ᐃᓚᖓ 11.2.1 ᐅᖃᖅᓯᒪᓂᖏᑦ *ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ* ᐅᖃᖅᓯᒪᖕᒪᑕ ᐃᒪᓐᓇ

ᐅᑯᐊ ᑐᙵᕕᐅᔪᑦ ᖃᐅᔨᒪᓕᑕᐅᓂᐊᖅᑐᑦ ᐱᕙᓪᓕᐊᓂᖏᓐᓂᒃ ᐸᕐᓇᒃᑕᐅᓂᖏᑦᑕ ᐊᑐᐊᒐᐃᑦ, ᓯᕗᓪᓕᐅᔭᐅᔪᑦ ᑐᕋᒐᐃᓪᓗ:

a) ᐃᓄᐃᑦ ᐃᓚᒋᔭᐅᒻᒪᑕ ᐊᐅᓚᓂᖓᓐᓄᑦ ᐊᕙᑎᐅᑉ, ᓄᓇᒥᓪᓗ ᐊᑐᕐᓂᒃ ᐸᕐᓇᑕᐅᒍᓐᓇᖏᑦᑐᖅ ᐊᐅᓚᑕᐅᒍᓐᓇᕋᓂᓗ ᑐᑭᓯᒋᐊᕐᕕᐅᓚᐅᕋᑎᒃ ᐃᓄᐃᑦ ᓄᓇᓖᑦ; ᑕᐃᒪᐃᓐᓂᖓᓄᑦ ᐃᓅᓯᕐᒨᖓᔪᑦ, ᐱᖅᑯᓯᕐᒧᑦ ᖃᑭᒪᓇᓱᐊᕐᓂᖏᓐᓄᓪᓗ ᐃᓄᐃᑦ ᓄᓇᓕᓐᓂ ᑐᙵᕕᓪᓗᐊᑕᐅᒋᐊᓖᑦ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᓐᓂᕐᒧᑦ ᐊᑐᓕᖅᑎᑦᓯᓂᕐᒧᓪᓗ;

b) ᐱᔾᔪᑎᓪᓗᐊᑕᐅᔪᖅ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᓐᓂᕐᓄᑦ ᓄᓇᕗᒻᒥ ᓴᐳᔾᔨᓂᐅᓪᓗᓂ ᖃᐅᔨᒪᔭᐅᑦᑎᑦᓯᓂᐅᓪᓗᓂᓗ ᑕᕝᕙᔪᓂᒃ ᓯᕗᓂᑦᑎᓐᓂᓗ ᖃᓄᐃᙱᑦᓯᐊᕐᓂᖏᓐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖃᕋᔪᑦᑐᑦ ᓄᓇᓕᖏᓐᓂ ᓄᓇᕗᑦ ᐃᓱᒪᒋᖃᓯᐅᑎᓗᒋᑦ ᐱᔪᒪᔭᕆᔭᖏᑦ ᑲᓇᑕᒥᐅᓕᒫᑦ; ᐅᔾᔨᕆᔭᐅᓗᐊᙳᐊᕐᓂᐊᖅᑐᑦ ᓴᐳᔾᔭᐅᓂᖏᑦ ᖃᐅᔨᒪᔭᐅᓂᖏᓪᓗ ᑕᕝᕙᐅᔪᑦ ᓯᕗᓂᑦᑎᓐᓂᓗ ᖃᓄᐃᙱᑦᓯᐊᕐᓂᖏᓐᓄᑦ ᐃᓄᐃᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᑦᑕ;

c) ᐸᕐᓇᓂᕐᒧᑦ ᐊᐅᓚᓂᐅᔪᖅ ᖃᐅᔨᓴᑦᓯᐊᕐᓂᐅᓂᐊᖅᑐᖅ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑏᑦ ᐊᑦᑐᐊᓂᖃᑦᓯᐊᕋᓗᐊᕐᒪᖔᑕ ᓯᕗᓪᓕᐅᑎᔭᐅᔪᓄᑦ ᐊᑐᕐᓇᖅᑐᕐᑯᑎᖏᓐᓂᓪᓗ ᓄᓇᖃᖅᑐᑦ ᐸᕐᓇᑕᐅᔪᓂ ᓄᓇᓂ;

d) ᑭᒃᑯᑐᐃᓐᓇᕐᓄᑦ ᐸᕐᓇᓐᓂᕐᒧᑦ ᐊᐅᓚᓂᐅᔪᑦ ᐱᕕᑦᓴᖃᖅᑎᑦᓯᒍᑕᐅᓂᐊᖅᑐᑦ ᐃᓚᐅᑎᑦᓯᓗᑎᒃ ᑐᓴᐅᒪᑎᑦᓯᓗᑎᓪᓗ ᐃᑲᔪᖅᓯᔭᐅᓗᑎᓪᓗ ᐃᓄᓕᒫᓄᑦ ᓄᓇᖃᖃᑕᐅᔪᓄᓪᓗ ᐊᑦᑐᖅᑕᐅᔪᓄᑦ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᓄᑦ; ᐃᓚᐅᑎᓐᓂᖃᖅᑎᑦᓯᓂᖅ ᖃᐅᔨᒪᑎᑦᓯᒍᑕᐅᓂᐊᖅᑐᖅ ᓇᐅᒃᑯᑐᐃᓐᓇᖅ ᐊᔾᔨᒌᙱᑦᑐᑎᒍᑦ, ᐱᖃᓯᐅᑎᑦᓯᓂ ᐊᑐᐃᓐᓇᖃᑦᓯᐊᕐᓂᖅ ᐊᑐᕆᐊᓕᓕᒫᓂᒃ, ᓈᒻᒪᓈᖅᓯᒪᔪᓂᒃ ᐊᑲᐅᓈᖅᓯᒪᔪᓂᓪᓗ ᐊᐅᓚᓂᑦᓴᓂᒃ, ᐃᖅᑲᓇᐃᔭᖅᑎᑖᕐᓂᕐᒥᒃ ᓄᓇᓕᓐᓂᒃ ᐃᓚᐅᑎᓐᓂᐊᕐᓗᒋᑦ ᐃᓗᓕᖅᑐᔪᒧᑦ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᓂᕐᒧᑦ;

e) ᐸᕐᓇᐅᑏᑦ ᓴᐳᔾᔨᒍᑕᐅᓂᐊᖅᑐᑦ, ᐱᕙᓪᓕᐊᑎᑦᓯᒍᑕᐅᓗᑎᒃ ᐊᑐᕈᑕᐅᓗᑎᓪᓗ ᓄᓇᒥᒃ;

f) ᐸᕐᓇᓂᕐᒧᑦ ᐊᐅᓚᓂᐅᔪᖅ ᐋᖅᑭᑦᓯᒪᓂᐊᖅᑐᑦ ᑲᑐᓯᐅᑎᓯᒪᓗᑎᓪᓗ ᐊᓯᓕᒫᖏᓐᓄᑦ ᐸᕐᓇᓂᕐᒧᑦ ᐊᐅᓚᓂᐅᔪᓄᑦ, ᐱᖃᓯᐅᑎᑦᓱᓂ ᐊᑦᑐᖅᑕᐅᓂᕐᒧᑦ ᕿᒥᕐᕈᓂᕐᒧᑦ ᐊᐅᓚᓂᖅ ᐊᖏᕈᑎᐅᑉ ᐃᓗᐊᓃᑦᑐᖅ; ᐊᒻᒪᓗ

g) ᑲᔪᓯᓂᖃᑦᓯᐊᖅᑐᖅ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᐱᔭᕆᐊᖃᖅᐳᑦ ᐃᓚᐅᑎᑦᓯᐊᕐᓂᖏᓐᓂᒃ ᑕᒪᕐᒥᒃ ᒐᕙᒪᒃᑯᑦ ᐃᓄᓐᓂᑦᓗ;

ᐃᓚᖓ 17.1.1 ᐅᖃᖅᓯᒪᓂᖏᑦ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ ᐅᖃᖅᓯᒪᖓᒪᑕ ᐃᒪᓐᓇ:

"ᐱᔾᔪᑎᑦᓗᐊᑕᐅᔪᖅ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ ᐊᑐᐃᓐᓂᐅᓇᑎᑦᓯᓂᖅ ᐃᓄᓐᓂᒃ ᐱᔪᓐᓇᐅᑎᖏᓐᓂᒃ ᓄᓇᒧᑦ ᖃᐅᔨᒪᑎᑦᓯᒍᑕᐅᓗᑎᑦᓗ ᖃᑭᒪᓇᓱᐊᕈᓐᓇᕐᓂᖏᓐᓂᒃ ᐃᓄᐃᑦ, ᐊᐅᓚᓂᖃᕐᓗᑎᒃ ᑐᙵᕕᓚᒻᒥᒃ ᐃᓄᐃᑦ ᐃᓅᓯᒃᑯᑦ ᐱᖅᑯᓯᒃᑯᑦᓗ ᑭᙵᒫᒪᑎᔭᖏᓐᓂᒃ ᓂᕆᐅᒋᔭᖏᓐᓂᑦᓗ."

ᐃᓱᒪᒋᖃᓯᐅᑎᓗᒋᑦ ᐃᓄᐃᑦ ᐱᓯᒪᓕᕈᒪᔭᖏᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᑦ (NPC) ᓇᓕᖅᑲᓈᒃᑎᑦᓯᔭᕆᐊᖃᕐᓂᐊᖅᑐᑦ ᑕᒪᒃᑭᖓᓂᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᖓᓕᕈᒪᔾᔪᑎᐅᓇᔭᖅᑐᓂᒃ ᐃᓚᒋᔭᐅᖃᑕᐅᓇᔭᖅᑐᓄᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᓕᕐᓂᕐᒥ ᐊᒻᒪ ᓴᐳᔨᒍᑕᐅᓯᒪᓕᕋᔭᖅᑐᓂ. ᑐᙵᕝᕕᒋᓗᒋᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑕ (KivIA) ᕿᒥᕐᕈᐃᓂᖓᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂᒃ (DNLUP), ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ (KivIA) ᐃᓕᖓᓐᓂᖃᓕᖅᓯᒪᕗᑦ ᑖᒃᑯᐊ 2021-ᒥ DNLUP-ᖁᑏᑦ ᓇᓕᖅᑲᐅᑎᑦᓯᓯᒪᙱᖏᓐᓂᖏᑕᑕᒪᒃᑮᖓᓂᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᖓᓕᕈᒪᔾᔪᑎᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓇᕿᒋᔭᖃᖓᓕᖅᓯᒪᐸᓗᑎᒃ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᓇᔭᖅᑐᓂᒃ ᐊᖏᓂᖅᓴᐅᑎᑦᓯᓂᕐᒥᒃᑎᒍᑦ ᑭᒡᓕᖃᓕᖅᑎᑦᓯᓯᒪᓂᐅᔪᓂᒃ ᐊᖏᔫᑎᐊᓘᐸᓗᑎᒃ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖏᓐᓂᒃ. ᑖᐸᑯᐊ 2021-ᒥ DNLUP-ᖑᔪᑦ ᐋᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᖅᑐᑦ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓕᖅᑎᑦᓯᓂᐊᖅᐳᑦ ᓯᕗᓂᕐᒥ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᔪᒪᓕᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐊᔪᓕᖅᑎᑦᓯᓯᒪᓕᕐᓗᑎᒃ ᖁᕝᕙᖅᑎᑦᓯᒋᐊᖃᑦᑕᕐᓂᕐᓂᒃ ᑮᓇᐅᔭᓕᐅᕐᓂᒃᑯᑦ ᖃᑭᒪᓇᓱᐊᕈᓐᓇᕈᑎᒋᓂᐊᕐᓗᒋᑦ, ᓯᕗᓪᓕᕐᒥᒃ ᐱᔾᔪᑎᐅᓯᒪᖓᒪᑕ ᐃᓄᐃᑦ ᓄᓇᖁᑎᖏᓐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓄᑦ ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ. ᐃᓕᙵᐃᑎᑦᓯᓂᐅᕙᒃᑐᑦ ᐊᖏᓂᖅᓴᐅᓕᖅᑎᑦᓯᓂᕐᒥ ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᐅᔪᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂ (DNLUP) ᐊᑐᕈᖕᓃᖅᑎᑦᓯᓂᐊᕐᒪᑕ 45%-ᓗᐊᖏᓂᒃ ᓄᓇᐅᑉ ᖄᖓᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖏᓐᓂᒃ (IOL) ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐊᒻᒪ 56%-ᓗᐊᖏᓐᓂᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖏᓐᓂᒃ (IOL) ᐅᔭᕋᖕᓂᐊᖃᒃᓴᓂᒃ ᕿᓂᓕᕐᓂᖃᖅᐸᒃᑐᓂᑦ ᐊᒻᒪ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᓕᖅᐸᒃᑐᓂᑦ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivIA) ᐃᓱᒪᓕᐅᕈᑎᖃᖅᑐᑦ ᓇᓕᖅᑲᐅᑎᑕᐅᓯᒪᓕᕈᖕᓇᕐᒪᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᖓᓕᕈᒪᔾᔪᑎᓄᑦ, ᓲᕐᓗ, ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐃᓚᖃᖅᑎᑕᐅᓗᑎᒃ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᑭᒡᓕᖃᓕᖅᑎᑦᓯᓂᐅᕙᒃᑐᓂᒃ (ᐅᑭᐅᓗᒃᑖᒥᐅᙱᑦᑐᖅ), ᐊᒻᒪᓗ ᐋᖅᑭᒋᐊᖅᑕᐅᔪᖕᓇᕐᓂᐊᕐᓗᑎᒃ ᐊᐅᓚᑦᓯᓂᐅᔭᓇᐊᖃᕋᔭᖅᑐᓂᒃ ᐅᖃᖅᑕᐅᓯᒪᐸᓗᑎᒃ 2021-ᒥ DNLUP-ᓂ. **ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1 ᐊᒻᒪᓗ 2-ᖓ** ᓇᓗᓇᐃᖅᓯᓯᒪᖓᒪᑕ ᐃᓄᐃᑦ ᓄᓇᖏᓐᓂᒃ ᐃᓗᐊᓃᑦᑐᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᖄᖓᑎᒍᖅᓯᒪᐸᓗᑎᒃ ᑐᒃᑐᓄᑦ ᑐᕋᖓᔪᓄᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓂᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑕ (KivIA) ᐃᓱᒪᖓᒪᑕ ᑖᒃᑯᐊ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᑦ (NPC) ᒥᑭᓂᖅᓴᐅᑎᑦᓯᒋᐊᖅᓯᒪᖓᒪᑕ ᐱᓕᕆᐊᒃᓴᖃᖃᑕᐅᓂᖏᑕ ᑎᓕᔭᐅᓯᒪᔾᔪᑎᖃᖅᓱᑎᒃ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖑᔪᑦ ("DIO") ᖃᐅᔨᒋᐊᖃᕐᕕᐅᔭᕆᐊᖃᓇᐸᓗᑎᒃ ᐃᓱᒪᒋᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ. ᐆᒃᑐᕋᐅᑎᒋᓗᒍ ᑖᒃᑯᐊ NPC-ᑯᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᕙᓂᖏᑕ ᐱᓕᕆᐊᒃᓴᖃᖃᑕᐅᓂᖏᓐᓄᑦ DIO-ᖑᔪᑦ ᐱᓕᕆᐊᖑᕙᓪᓕᐊᓂᖏᑕ ᐃᒪᓐᓇᐃᓚᐅᕐᒪᑦ 2016-ᒥ DNLUP-ᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ ᐃᓚᖓ 1.2.1 ᐅᖃᖅᓯᒪᖓᒪᑕ:

"ᐃᓚᖓ 11.8.2 ᓄᓇᕗᒻᒥ ᐊᖏᕈᑏᑦ ᐅᖃᖅᓯᒪᖕᒪᑕ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᕐᓂᕐᒧᑦ ᐊᐅᓚᓂᖅ ᐊᑑᑎᓂᐊᖅᑐᖅ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ.. ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑏᑦ ᐃᓱᒪᒋᔭᖃᖃᓯᐅᑎᓂᐊᖅᑐᑦ ᐃᓄᐃᑦ ᑐᕌᒐᖏᓐᓂᒃ ᑎᑭᑦᓱᒪᔭᖏᓂᓪᓗ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ."

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᑦ (NPC) ᐲᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᐅᖃᖅᓯᒪᓂᖏᓐᓂᒃ ᒪᓕᒃᓗᒋᑦ "ᐱᔾᔪᑎᖃᕐᑎᐅᓂᖏᓐᓂᑦ ᑎᓕᔭᐅᓯᒪᑦᓗᑎᒃ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ" ᐊᑕᐅᑦᓯᒃᑰᕐᑎᑕᐅᑉᓗᑎᒃ ᐃᓚᖓᓂᑦ ᐅᖃᖅᑕᐅᓯᒪᔪᓂᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂᑦ (DNLUP). ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivIA), ᑎᓕᔭᐅᓯᒪᑉᓗᑎᒃ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᒋᔭᐅᑉᓗᑎᒃ (DIO) ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ, ᒪᓕᒃᓗᒋᑦ ᐅᖃᖅᑕᐅᓯᒪᓂᖏᑦ ᐃᓚᖓ 39.1.3-ᖓᓂ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ ᓄᑭᖃᖅᑎᑕᐅᖓᑕ ᐊᒻᒪᓗ ᐱᔪᓐᓇᐅᑎᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐊᐅᓚᑦᓯᔨᐅᓂᕐᒧᑦ ᓄᓇᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒍ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ (KivIA) ᐃᓱᒪᒋᔭᖏᑦ ᐱᔾᔪᑎᒋᑉᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᖁᑦᑎᖕᓂᖅᐹᑎᒍᑦ ᐱᒻᒪᕆᐅᑎᒻᒪᒋᑦ ᐊᒻᒪᓗ ᖁᑦᑎᖕᓂᖅᐹᑎᒍᑦ ᐃᓱᒪᒋᔭᐅᓯᒪᔭᕆᐊᖃᕐᒪᑕ. ᑖᒃᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔭᕆᐊᖃᓪᓚᕆᒃᑐᑦ ᑐᕌᒐᕆᔭᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑎᑭᑦᓱᒪᔭᖏᓐᓄᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᑦ (IOL) ᐱᔾᔪᑎᒋᑉᓗᒋᑦ, ᐊᒻᒪᓗ ᐱᓗᐊᖅᑐᒥᒃ ᐋᖅᑭᒃᓱᐊᖑᓯᒪᔪᓂᑦ ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᖓᓐᓂᑦ (NTI) ᐊᒻᒪ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓂᑦ (RIA).

ᓄᓇᒋᔭᐅᔪᐃᑦ ᐱᓕᕆᖃᑕᐅᕙᓐᓂᖏᑦ ᒫᓐᓇᒧᑦ ᑎᑭᓪᓗᒍ ᓈᒻᒪᖃᑦᑕᖅᓯᒪᙱᒻᒪᑕ ᐊᒻᒪᓗ ᐃᓱᒪᒋᔭᐅᖃᑕᐅᓯᒪᙱᓪᓗᑎᒃ ᐃᓄᐃᑦ ᑐᕌᒐᕆᔪᒪᔭᖏᑦ ᑎᑭᑦᓱᒪᔭᖏᓪᓗ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ (IOL). ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖓᑦ (KivIA) ᐃᓱᒫᓗᒍᑎᖃᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᑦ (NPC), ᓄᓇᒋᔭᐅᔪᓂᑦ ᖃᐅᔨᒋᐊᖅᓯᒪᓂᔪᑎᒍᑦ ᐱᑕᖃᓕᖅᑎᑦᓯᓚᐅᙱᒻᒪᑕ ᓄᓇᒋᔭᐅᔪᓂᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ ᓈᒻᒪᒃᑐᒥᒃ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᓂᒃ ᐱᑕᖃᖅᑎᑦᓯᓯᒪᖃᑉᓗᒋᑦ ᑐᓴᐅᒪᑦᓯᐊᖅᓱᑎᒃ ᐃᓕᖓᓐᓂᓇᔭᐅᔪᓄᑦ ᐃᓚᖏᓐᓂ ᐱᓕᕆᐊᖑᔪᓄᑦ. ᓱᕐᓗ KivIA-ᑯᑦ ᖃᐅᔨᒪᓪᓚᕆᙱᒻᒪᑕ NPC-ᑯᑦ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᖕᓂᖃᓚᐅᕐᒪᖔᑕ ᓄᓇᒋᔭᐅᔪᓂ ᐃᓚᒋᔭᐅᔪᓄᑦ ᖃᓄᖅ ᑐᑭᖃᖅᑎᑕᐅᖕᒪᖔᑦ 'ᒥᐊᓂᖅᓯᓂᖅ' ᑐᕌᖓᔪᓄᑦ ᑐᒃᑐᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᑭᓯᐊᓂ, ᐊᒻᒪ ᐅᑭᐅᓗᒃᑖᒧᑦ ᒥᐊᓂᓇᔭᐅᓯᒪᖕᒪᖔᑕ ᓄᕐᕋᖃᕐᕕᒋᔭᖏᓐᓃᑦᑐᑦ. ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᓄᓇᒋᔭᐅᔪᓂ ᐃᓚᒋᔭᐅᖃᑕᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᒋᐊᕐᓂᐅᔪᓂᐊᖅᑐᑦ ᓯᕗᕐᖓᓂ ᐱᓕᕆᓂᐅᔪᓂ ᐅᖃᐅᓯᐅᓚᐅᙱᒻᒪᑕ ᐊᒃᑐᐃᓂᖃᕐᓂᐊᕐᓂᖏᑕ ᐃᓚᖏᑦ ᓄᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ ᑮᓇᐅᔭᓕᐅᓕᕐᕕᐅᔪᓐᓇᖅᓱᑎᒃ ᐱᕙᓪᓕᐊᑎᕐᓯᓂᐅᔪᓄᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂ (IOL) ᐊᒻᒪ ᓈᒻᒪᒃᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᐅᔪᓄᑦ. ᐃᓚᖓ 11.2.1(d) ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᑦ ᐱᓗᐊᖅᑐᒥᒃ ᐱᑕᖃᖅᑎᕐᓯᓯᒪᖕᒪᑕ ᐱᓕᕆᓂᖃᖅᑕᐅᕙᓐᓂᐊᕐᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᕐᓯᐊᖅᑎᑕᐅᓗᑎᒃ ᐃᓚᐅᖃᑕᐅᕙᓐᓂᐊᕐᓂᖏᓐᓄᑦ. ᐱᓕᕆᓂᖃᖅᑕᐅᕙᓐᓂᖏᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᕐᓯᐊᖅᑎᑕᐅᑉᓗᑎᒃ ᐃᓚᒋᔭᐅᖃᑕᐅᑎᕐᓯᕙᓐᓃᑦ ᐃᓚᖃᕐᒪᑕ ᑐᓂᔭᐅᓯᒪᕙᒋᐊᖃᕐᓂᖏᓐᓂᒃ ᑕᒪᐃᓐᓂᒃ ᐃᓱᒪᔾᔪᓯᕆᔭᐅᓯᒪᔪᓂᒃ, ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐃᓕᙵᐃᑎᕐᓯᓂᐅᕙᒃᑐᓄᑦ ᓄᓇᓂᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂᒃ (IOL).

ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᓄᓇᒋᔭᐅᔪᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐊᒻᒪ ᖃᐅᔨᒋᐊᕐᓂᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᑎᑕᐅᖃᑦᑕᖅᓯᒪᙱᒻᒪᑕ ᑕᐃᒪᙱᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᓴᖅᑭᑕᐅᓯᒪᓕᓚᐅᕐᓂᖏᓐᓂᑦ ᔪᓚᐃ 23, 2021-ᒥ ᐅᖃᐅᓯᒃᓴᓇᔭᐅᔪᓂᒃ ᑐᓴᖅᑎᑕᐅᓯᒪᓕᕈᒪᑉᓗᑎᒃ. ᓄᓇᒋᔭᐅᔪᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᑎᑕᐅᖃᑦᑕᓚᐅᕐᓂᖏᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓂᒃ (KivIA) ᑎᑎᕋᖅᓯᒪᔪᖁᑎᒥᓐᓂᒃ ᑐᓂᓯᓯᒪᓕᕈᖕᓇᕐᓂᕐᒧᑦ ᐱᕕᒃᓴᖃᖅᑎᑦᓯᓚᐅᙱᒻᒪᑕ. KivIA-ᑯᑦ ᐃᓕᖓᓐᓂᕐᖃᓕᖅᓯᒪᕗᑦ ᓄᓇᒋᔭᐅᔪᑦ ᐱᓕᕆᓂᕐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᓂᖏᑦ ᐱᕙᓪᓕᐊᑎᕐᓯᓕᕋᔭᕐᓂᕐᒥᒃ ᐅᕙᕙᓘᓐᓃᑦ ᓴᐳᔾᔨᓂᖃᓕᕋᔭᕐᓂᕐᒥᒃ

ᐱᔾᔪᑎᖃᖅᑎᑦᓯᔾᔭᖃᑦᑕᓚᐅᖅᒪᑕ ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕆᐊᖕᒫᕋᑎᒃ ᓄᓇᖅᑲᑎᑏᒃᑐᓄᑦ ᖃᓄᖅ ᑖᒃᑯᐊᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓐᓇᕋᔭᕐᓂᖏᑦᑕ. ᑐᑭᓯᐅᒪᔭᐅᖕᒪᑦ ᓄᓇᒋᔭᐅᔪᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᓕᒃᑲᓐᓂᕐᓂᐊᙱᓐᓂᖏᑕ ᐊᐃᐱᕆ 15, 2022 ᓯᕗᕐᖓᓂ (ᑖᑉᑯᓂᖓ ᑎᑎᕋᖅᓯᒪᔪᓂᒃ ᑐᓂᓯᓯᒪᓕᕆᐊᖃᕐᕕᐅᑉ ᐅᑉᓗᖓ) ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒍ KivlA-ᑯᑦ ᐊᐱᕆᓯᒪᕗᑦ NPC-ᑯᑦ KivlA-ᑯᓐᓂᑦ ᐱᔾᔪᑎᖃᖅᑎᒋᔭᐅᔪᒥᒃ ᑲᑎᒪᓂᐅᔪᓄᑦ ᐃᓚᐅᔪᖕᓇᓕᖅᑎᑦᓯᕐᑯᑉᓗᒋᑦ ᐃᓗᐃᒃᑲᐅᔪᒥᒃ ᑐᓴᐅᒪᓕᖅᑎᑕᐅᓯᒪᓕᕐᑯᑉᓗᒋᑦ ᖃᓄᐃᓕᖓᓕᕐᓂᖏᑕ ᓄᓇᒋᔭᐅᔪᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᖃᑦᑕᕐᓂᖏᑕ ᑲᑎᒪᓂᖃᓕᕐᖓᑕ.

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐅᔾᔨᕈᓱᖕᒪᑕ ᑐᓴᒐᒃᓴᕐᑯᑎᐅᔪᑦ, ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓄᑦ ᐃᓚᑰᓂᖃᕐᒪᑕ ᐊᒻᒪᓗ ᖃᐅᔨᒪᑕᒻᒪᕆᐅᔪᓂᑦ ᐅᖃᐅᔾᔪᖅᑕᐅᓯᒪᓂᕐᒥᓐᓂᑦ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᓂᖏᑕ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐃᓱᒪᒋᔭᐅᖃᑕᐅᓂᒃᓴᖏᓐᓄᑦ, ᑭᓯᐊᓂᓗ ᑕᒪᓐᓇ ᑐᓴᒐᒃᓴᕐᑯᑎᖃᖅᑎᑕᐅᙱᓐᓂᖅ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓕᕈᖕᓇᙱᑦᑐᖅ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᐊᕐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥᒃ. ᐃᓛᓗ ᐃᓕᑕᕆᔭᐅᓯᒪᒐᓗᐊᖅᑎᓪᓗᒍ ᐋᖅᑭᒃᓯᒐᐅᓂᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐅᑕᖅᑭᐅᕈᓐᓇᕐᓂᐊᙱᑦᑐᑦ ᐱᓯᒪᓕᕐᕕᒃᓴᓄᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᐃᓚᑰᓂᖃᕐᕕᐅᔪᓂᒃ ᐃᓗᐃᒃᑲᐅᑎᓕᖅᑎᑦᓯᓂᒃᓴᒧᑦ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐊᒃᓱᕈᕈᑎᖃᓇᐊᖃᖅᑐᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᖅᑎᒋᐊᕐᓗᒋᑦ ᐱᐅᓂᖅᐸᐅᑦᓗᑎᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓂᒃ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᑲᔪᓯᑎᑦᑎᓯᒪᓂᐊᕐᓂᕐᒧᑦ. ᐊᑐᓕᖅᑎᑦᓯᓂᖅ ᐱᐅᓂᖅᐹᑐᒍᑦ ᐊᑐᐃᓐᓇᐅᑉᓗᑎᒃ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᐃᓚᖃᕐᒪᑕ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᖃᕐᓂᕐᒥᒃ ᐊᕕᒃᑐᖅᓯᒪᔪᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓂᒃ ᑐᑭᓯᐅᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᓄᓇᒦᑦᑐᓄᑦ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᐅᔪᓂᒃ ᐊᑐᓂ ᐱᔾᔪᑎᐅᓯᒪᓕᖅᓯᒪᔪᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐊᑐᖃᑕᕐᓂᕐᒥᒃ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᑉᓗᑎᒃ ᑐᑭᓯᐅᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᓂᒃ. KivlA-ᑯᑦ ᓱᓕ ᐃᓱᒫᓗᒍᑎᖃᕐᒪᑕ ᐊᒥᓱᑦ ᑐᒃᑐᓄᑦ ᑐᑭᓯᐅᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑐᑭᓯᐅᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕐᓂᐊᕐᓗᑎᒃ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕈᑎᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᑎᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ ᐱᑐᖃᐅᓗᐊᖅᑑᓂᖏᑦᑕ. ᑖᒃᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᕐᓂᐊᖅᐳᑦ ᑐᒃᑐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᑖᑉᑯᐊ ᐊᑖᓂ.

KivlA-ᑯᑦ ᐃᓱᒫᓗᒍᑎᖃᕐᒥᔪᑦ ᑕᒪᐃᑎᒍᕐᓗᒋᑦ ᐱᓕᕆᔾᔪᓯᕆᔭᖏᓂᒃ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᓂᑦ (NPC) ᑐᒃᑐᓕᕆᓂᕐᒥ ᓄᓇᓂᒃ ᐊᐅᓚᑦᓯᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖓᓄᑦ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐱᓕᕆᐊᒃᓴᖃᖅᑎᑕᐅᓯᒪᖕᒪᑕ ᐊᐅᓚᑦᓯᔨᐅᓂᕐᒧᑦ ᓄᓇᐅᑉ ᖄᖏᓐᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ. KivlA-ᑯᑦ ᓈᒻᒪᑦᓯᐊᖅᑐᓂᒃ ᓴᓇᕐᕈᑎᒃᓴᖃᕐᒪᑕ ᐊᐅᓚᑦᓯᔨᐅᕙᓐᓂᕐᒧᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓂ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑐᒃᑐᓕᕆᔨᐅᓂᕐᒧᑦ ᑭᕙᓪᓕᕐᒥ, ᑕᐃᒪᓕ, KivlA-ᑯᑦ ᐱᓕᕆᐊᖃᖅᑎᐅᔭᕆᐊᓖᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᖁᑦᓯᖕᓂᖓᑎᒍᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᕐᓂᕐᒥ ᐊᐅᓚᑦᓯᔨᐅᓂᕐᒥ ᑐᒃᑐᓂᒃ ᓄᓇᓃᑦᑐᓂᒃ ᐊᐅᓚᑦᓯᕝᕕᖃᕐᕕᖏᓐᓂ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐃᓱᒫᓗᒍᑎᖃᕐᒪᑕ ᑖᒃᑯᐊ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᐅᔪᑦ (NPC) ᕿᐱᓗᒍᑎᖃᓚᐅᕐᓂᖏᑕ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐱᓕᕆᔾᔪᓯᐅᔪᓂᒃ ᑐᒃᑐᓕᕆᓂᕐᒥ ᐊᒻᒪᓗ ᓄᓇᓂᒃ ᓇᔪᖅᐸᒃᑕᖏᓐᓄᑦ. KivlA-ᑯᑦ ᐃᓱᒪᓂᖃᕐᒥᔪᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᔪᓐᓇᖅᑑᑉᓗᑎᒃ ᐊᐅᓚᑦᓯᓂᐅᔪᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔭᕆᐊᖃᕐᓂᖏᑕ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂ (DNLUP). ᑕᐃᒪᓐᓇ ᐊᓯᔾᔨᖅᑕᐅᓯᒪᓕᕈᖕᓇᕋᔭᕐᒪᑕ 2021-ᒥ DNLUP-ᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ ᑐᙵᕝᕕᒋᓯᒪᓗᒋᑦ ᐊᒃᑐᐃᓯᒪᓂᖏᓐᓄᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖓᓄᑦ ᐸᕐᓇᐅᑏᑦ ᑐᒃᑐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒧᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ

19-ᖓᓂ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ. ᐊᑐᓂᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᑦ (IOL) ᓂᕈᐊᖅᑕᐅᓯᒪᓕᒪᐅᕐᒪᑕ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᑐᕌᖓᕝᕕᖅᑲᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ, ᐊᑐᖅᑕᐅᕙᖕᓂᐊᕐᒪᖔᑕ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᐆᒪᔪᓕᕆᓂᕐᒥ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐱᔾᔪᑎᕐᑲᖅᓱᑎᒃ, ᐊᒻᒪᓗ ᑕᒪᓐᓇ ᐱᔾᔪᑎᒋᐸᓗᒍ KivlA-ᑯᑦ ᐃᓱᒪᓂᕐᑲᖅᑐᐃᓐᓇᖅᐳᑦ ᑭᒡᓕᕐᑲᓕᖅᑎᑦᓯᓂᐅᕙᒃᑐᑦ ᐋᖅᑭᒃᑕᐅᓯᒪᔭᕆᐊᕐᑲᕐᒪᑕ ᐅᑭᐅᐸ ᐃᓚᖓᓄᑦ, ᐅᑭᐅᓕᒫᒧᖕᒋᑦᑐᖅ, ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓐᓄᑦ (IOL) ᐊᒻᒪ ᖃᓄᑐᐃᓐᓇᖅ ᑭᒡᓕᕐᑲᓕᖅᑎᑦᓯᔭᕆᐊᕐᑲᕐᓂᐅᔪᑦ ᐊᑐᓕᖅᑎᑕᐅᕙᒋᐊᕐᑲᕐᒪᑕ ᐊᒻᒪ ᐱᑕᕐᑲᓕᖅᑎᑦᓯᔾᔪᑎᐅᓗᑎᒃ ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᖓᓐᓂᑦ (NTI) ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑏᖕᒋᓐᓂᑦ (RIA) ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓄᑦ ᑐᙵᕝᕕᕐᑲᖅᑎᑕᐅᓗᑎᒃ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑏᖕᒋᑦ (KivlA) ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓂᒃ (IOL) ᐃᓛᒃᑰᓕᖓᓕᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐊᒻᒪᓗ ᐊᔾᔨᕐᑲᕋᑎᒃ ᓄᓇᓕᕆᓂᕐᒧᑦ ᐃᓕᔭᐅᓯᒪᕐᑯᔨᖔᕋᓱᐊᕐᒪᑕ 2021-ᒥ DNLUP-ᕐᑯᑎᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂ. 2021-ᒥ DNLUP-ᕐᑯᑎᑦ ᑕᐃᒪᓐᓇ ᐋᖅᑭᒃᑕᐅᓯᒪᑎᓪᓗᒋᑦ ᓈᒻᒪᙱᑦᑐᑎᒍᑦ ᐊᒃᑐᐃᓯᒪᓂᕐᑲᓕᕐᓂᐊᕐᒪᑕ ᐃᓄᐃᑦ ᐱᔪᖕᓇᐅᑎᒋᔭᖕᒋᓐᓂᒃ ᓄᓇᕐᑯᑎᒥᖕᓂ ᐊᒻᒪᓗ ᐊᐅᓚᕐᓯᓂᐅᔪᑦ ᑕᐃᒪᐅᔭᕆᐊᕐᑲᕐᔫᑎᒃ ᐃᓄᐃᑦ ᓇᖕᒥᓂᖅ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕈᖕᓇᕐᓂᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᐱᒻᒪᕆᐅᓗᐊᖅᑑᐸᓗᑎᒃ ᑎᑭᓯᒪᓕᕈᑎᒃᓴᖕᒋᓐᓄᑦ ᐃᓄᐃᑦ ᓇᖕᒥᓂᖅ ᐱᓕᕆᓂᕐᑲᕈᖕᓇᕐᓂᖕᒋᓐᓂᒃ ᑕᐃᒪᓐᓇ ᐃᓱᒪᒋᔭᐅᓯᒪᓕᓕᐅᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ ᐅᕐᑲᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᒪᓕᒃᓗᒋᑦ. ᖃᓄᖅ 2021-ᒥ DNLUP-ᖑᔪᑦ ᒫᓐᓇᐅᔪᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᐅᐱᒍᓱᖕᓂᕐᑲᙱᒻᒪᑕ (ᒪᓕᒃᓯᒪᙱᒻᒪᑕ) ᐃᓚᖓ 17.1.1-ᒥ ᐅᕐᑲᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂᒃ ᓄᓇᕗᒻᒥ ᐊᖏᕈᑎᓂ.

ᑐᒃᑐᐃᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓂᖏᑦ

ᓇᐃᓪᓕᒋᐊᖅᑕᐅᓯᒪᔪᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑦ (KivlA) ᐃᑲᔪᖅᑐᐃᓂᖅᑲᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᓪᓗᑎᒃ ᑲᒪᔨᐅᔪᑦ (NPC) ᐃᓕᑕᖅᓯᓯᒪᓂᖓᓐᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓂ (DNLUP) ᑐᒃᑐᐃᑦᐱᒻᒪᕆᐅᑎᐅᔪᓗᑎᒃ ᓂᕐᔪᑎᕐᑯᑎᐅᓂᖏᑕ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐆᒪᓂᖅᑲᖅᑐᕐᑯᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐃᓄᖕᓄᑦ ᐱᒻᒪᕆᐅᑎᑕᐅᓂᖏᑦ ᑐᒃᑐᑦ ᐊᐱᖅᑯᑎᐅᓯᒪᔪᖕᓇᙱᒻᒪᓪᓘᓐᓃᑦ[1]. ᐋᖅᑭᒃᓱᐃᓂᕐᒥᖕᓂ 2021-ᒥ DNLUP-ᓂᒃ, KivlA-ᑯᑦ ᐃᓕᑕᖅᓯᓯᒪᒋᕗᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᓪᓗᑎᒃ ᑲᒪᔨᐅᔪᑦ (NPC) ᓴᖅᑮᓯᒪᓕᕋᓱᖕᓂᖏᑕ ᑕᒪᐃᓐᓂᒃ ᐊᔾᔨᒌᙱᐅᖅᑐᓂᒃ ᐃᓱᒪᒋᔭᐅᔪᓂᒃ ᐱᔾᔪᑎᖅᑲᖅᓗᑎᒃ ᖃᓄᖅ ᓇᓕᖅᑲᐅᑎᑦᓯᓯᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᒥᐊᓂᖅᓯᓂᐅᔪᓄᑦ ᑐᒃᑐᓂᒃ ᓴᑐᖅᑕᐅᓯᒪᓕᖅᑎᑦᓯᔭᕆᐊᖅᑲᙱᓪᓗᑎᒃ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᔪᓂᒃ[2]. KivlA-ᑯᑦ ᖁᔭᒋᔭᖅᑲᕐᒥᔪᑦ NPC-ᑯᑦ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᓂᒃ ᐱᑕᖅᑲᓕᖅᑎᑦᓯᒋᐊᖅᓯᒪᓚᐅᕐᓂᖏᓐᓄᑦ ᐅᖁᓚᐅᑎᑎᒍᑦ ᐅᖅᑲᖅᑎᒋᔭᐅᓪᓗᑎᒃ 2022-ᒥ ᑕᒪᒃᑯᐊ ᐃᑲᔪᕐᓂᖅᑲᓕᓚᐅᕐᒪᑕ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑕ (KivlA) ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᔪᓂᒃ ᑎᑎᕋᖅᓯᒪᔪᕐᑯᑎᒥᖕᓂᒃ ᑐᓂᓯᓯᒪᓕᓚᐅᕐᓂᖏᓐᓄᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑕ (KivlA) ᓱᓕ ᐃᓱᒫᓗᒍᑎᖅᑲᕐᕕᒋᑐᐃᓐᓇᖅᑕᖓ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᐱᖓᓱᐃᓕᖓᓂᖅᑲᕐᒪᑦ, ᐊᒻᒪ KivlA-ᑯᓐᓂᑦ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕈᑕᐅᓯᒪᓕᓚᐅᖅᓱᓂ ᐊᓯᖏᑎᒍᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖓᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᑯᔾᔪᓗᑎᒃ ᑕᐃᔪᑯᓄᖓ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᓪᓗᑎᒃ ᑲᒪᔨᐅᔪᓂᑦ (NPC) (ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 1). ᓯᕗᓪᓕᖅᐹᒥᒃ, ᑖᒃᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᒥᑭᒃᓕᒋᐊᖅᑎᑦᓯᓯᒪᖕᒪᑕ ᑕᒪᐃᑎᒍᑦ ᒥᐊᓂᕆᔭᐅᓂᖏᓐᓂᒃ ᑐᒃᑐᐃᑦ, ᐱᔾᔪᑎᒋᔪᓗᒍ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᓂᖓᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕐᓃᑦ ᓇᓕᖅᑲᐅᑎᑦᓯᓯᒪᙱᓐᓂᖏᑕ ᖁᑦᑎᒃᑐᒥᒃ ᑭᒡᓕᖅᑲᓕᖅᑎᑦᓯᓯᒪᔪᓗᑎᒃ ᒥᐊᓂᖅᓯᓂᐅᕙᒃᑐᓄᑦ ᓄᕋᖅᑲᓕᖅᓂᐊᓛᖅᑎᓪᓗᒋᑦ, ᓄᕋᕐᐅᖅᑎᓪᓗᒋᑦ, ᓄᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᐃᒪᒃᑯᑦ ᐃᑳᓕᖅᐸᒃᑎᓪᓗᒋᑦ, ᑭᓯᐊᓂᓗ ᒥᐊᓂᕆᔭᐅᓂᖅᑲᙱᑦᓯᐊᖅᓇᔪᓗᑎᒃ ᐊᓯᖏᑎᒍᑦ ᐅᑭᐅᔪ ᐃᓚᖓᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ (ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 1), ᐱᓗᐊᖅᑐᒥᒃ ᐊᑦᑕᓇᓕᖅᑎᑦᓯᔪᖕᓇᖅᓱᓂ ᓯᓚᐅᔪ ᐆᓇᖅᓯᕙᓪᓕᐊᓂᖓᓂ.

ᑐᒡᓕᖓᓂ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐃᓕᓯᓯᒪᙱᒻᒪᑕ ᑕᒪᐃᓐᓂᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓗᑎᒃ ᓴᓇᕐᕈᑎᒃᓴᐅᔪᓂᒃ, ᐃᓚᖅᑲᖅᓗᒋᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐊᐅᓚᕐᓯᓂᖅᑲᕐᓂᕐᒥ ᐊᒻᒪᓗ ᐊᓯᖏᓂ ᒪᓕᒐᓕᕆᓂᕐᒥ ᓴᓇᕐᕈᑎᒃᓴᓂᒃ, ᐊᒻᒪᓗ 2021-ᒥ DNLUP-ᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓕᐅᖅᑲᐃᕝᕕᐅᓯᒪᓇᑎᒃ ᑕᒪᐃᓐᓂᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓗᑎᒃ ᓴᓇᕐᕈᑎᒃᓴᓂᒃ, ᐱᖅᑲᓯᐅᑎᔪᓗᑎᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᒃᒥ ᐊᐅᓚᕐᓯᓂᕐᒧᑦ ᐊᒻᒪ ᒪᓕᒐᓕᕆᓂᕐᒥ ᓴᓇᕐᕈᑎᒃᓴᓂᒃ, ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᐃᓯᒪᕐᓯᐊᕋᑎᒃ ᐱᔾᔪᑎᖅᑲᖅᑐᓄᑦ ᐊᓯᔾᔨᕆᐊᖅᑕᐅᔪᓐᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᓄᑦ (ᐊᓯᔾᔨᕆᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᑦ)

ᐱᖓᔪᖓᓂ, ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᓪᓗᑎᒃ ᑲᒪᔨᐅᔪᑦ (NPC) ᑐᙵᕝᕕᖅᑲᕐᓂᖅᓴᐅᓂᖏᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᓄᑦ ᐋᖅᑭᒃᑕᐅᕙᒋᖅᓯᒪᔪᓗᑎᒃ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᐅᑭᐅᔪ ᐊᑐᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ ᑐᙵᕝᕕᖅᑲᓗᐊᖅᓂᖅᓴᐅᒻᒪᑕ ᖃᖓ ᐅᔪᓗᖓᓂ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ ᑐᒃᑐᓄᑦ

[1] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᕕᒃᑐᖅᓯᒪᓂᖏᑦ 2.2

[2] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔪ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᕕᒃᑐᖅᓯᒪᓂᖏᑦ 2.2.2.

ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ ᐊᒻᒪᓗ ᒥᑭᓂᖅᓴᐅᑎᑦᓱᒋᑦ ᑐᙵᕝᕕᖅᑲᕐᓂᑎᒃ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖅᑲᙱᓐᓄᑦ (IQ). ᑐᙵᕕᒋᔭᐅᔪᑦ ᐱᒻᒪᕆᐅᑎᑦᓯᙱᒪᑕ ᒫᓐᓇᐅᔪᒥ ᑕᒻᒫᔭᖅᓯᒪᙱᑦᑐᓄᑦ ᓄᓇᙵᐊᓕᐊᖑᔪᓄᑦ ᑭᓯᐊᓂᓕ NPC-ᑯᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᑦᓯᐊᙱᒻᒪᑕ ᓇᐅᒃᑯᑦ ᓯᕗᒻᒧᑎᐊᕐᕕᐅᔪᓐᓇᕐᓂᐅᔪᓂᒃ ᖃᓄᖅ ᓄᓇᙵᐊᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕈᓐᓇᕐᑯᑉᓗᒋᑦ ᐊᓯᔾᔨᕆᐊᖅᑕᐅᔪᓐᓇᓕᖅᑎᑕᐅᓗᑎᒃ ᓄᓇᙵᐊᓕᕆᓂᕐᒥ ᑭᒡᓕᒋᔭᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᐅᑉᓗᓄᑦ. ᑐᒃᑐᑦ, ᐱᓗᐊᖅᑐᒥᒃ ᐊᒥᓲᓂᖕᒋᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐊᕙᑎᒋᔭᖓᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᐸᑦ, ᐊᓯᔾᔨᕙᖓᒪᑕ ᐅᐊᔭᖅᐸᓪᓕᐊᓂᕐᒥᖕᓂᒃ ᐊᒻᒪ ᖃᖓ ᐅᐊᔭᓕᖅᐸᖕᓂᕐᒥᖕᓂᒃ.

ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 1. ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᑉᐳᑎᒃ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᐊᒻᒪ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑕ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᖕᒋᑦ ᑐᒃᑐᐃᑦ ᓇᔪᖅᐸᒃᑕᖕᒋᓂ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ.

ᑐᒃᑐᓄᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ	ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᑦ	ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ	ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᐸᓕᐅᓂᖃᖅᑎᑕᐅᐸᓗᑎᒃ	ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓗᑎᒃ ᐆᒃᑐᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ
1. ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ	ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖕᒋᑦ (NPC)	ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)		
2. ᓄᕐᕋᖃᓕᖅᑎᓪᓗᒋᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ	ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖕᒋᑦ (NPC)	ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)		
3. ᐱᔾᔪᑎᐅᓗᐊᕐᓂᖕᒋᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ	ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖕᒋᑦ (NPC)	ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)		
4. ᐃᒪᒃᑯᑦ ᐃᑳᕐᕕᐅᕙᒃᑐᑦ	NPC-ᑯᑦ/ KivlA-ᑯᑦ	ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)		
5. ᑕᕆᐅᒥ ᓯᑯᒃᑯᑦ ᐃᑳᕐᕕᐅᕙᒃᑐᑦ		NPC-ᑯᑦ/ KivlA-ᑯᑦ		
6. ᐊᓯᖕᒋᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ				
• ᓄᕐᕋᒃᓴᓕᐅᕐᕕᑦ ᐊᕙᑎᖕᒋᑦ			ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)	NPC-ᑯᑦ
• ᐃᖕᒋᕋᕝᕕᐅᕙᒃᑐᑦ ᑐᒃᑐᑦ ᐅᐊᔭᓕᕐᓂᖕᒋᓐᓂ			ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)	NPC-ᑯᑦ
• ᐊᐅᔭᒥ ᐊᒻᒪ ᐊᐅᔭᓪᓚᕆᐅᓕᖅ-ᑎᓪᓗᒍ ᐊᕙᑎᒋᔭᐅᔪᑦ			ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA)	NPC-ᑯᑦ
• ᐅᑭᐅᒥ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ (ᓄᓇᐃᓐᓇᕐᒥ)				NPC-ᑯᑦ/ KivlA-ᑯᑦ
• ᕿᑭᖅᑕᒥ ᑐᒃᑐᓄᑦ ᐅᑭᐅᒃᑯᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ	NPC-ᑯᑦ/ KivlA-ᑯᑦ			
7. ᕿᖓᐅᑦ ᑐᒃᑐᖕᒋᑕ ᐊᕙᑎᒋᔭᖕᒋᑦ	NPC-ᑯᑦ/KivlA-ᑯᑦ			

ᑖᒃᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᑖᓂ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᓇᓗᓇᐃᔭᐃᓯᒪᕗᑦ ᖃᓄᐃᑦᑑᕙᖕᓂᖕᒋᑕ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖕᒋᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᕙᒃᑐᓄᑦ. KivlA-ᑯᑦ ᐃᓱᒪᒋᔭᖃᕐᒪᑕ 'ᒥᐊᓂᖅᓯᓂᖅ' ᑐᒃᑐᓂᒃ ᑐᑭᖃᕐᑎᑕᐅᖕᒪᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᓂᖕᒋᓂ ᐱᓕᕆᓂᐅᔪᑦ ᓈᒻᒪᙱᑦᑐᑎᒍᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᑎᑦᑕᐅᕐᑯᓇᒋᑦ ᑐᒃᑐᑦ (ᐊᐳᖅᑕᐅᓗᑎᒃ, ᑐᕐᑯᓐᓇᖅᑐᕐᑯᑎᓂᑦ

ᐋᓐᓂᐊᕐᓇᖃᓕᖅᑎᑕᐅᕙᓐᓂᖕᒋᓐᓂᑦ) ᐊᒻᒪ ᖃᓄᐃᓕᐅᕐᓂᐅᔪᓂᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᑎᑕᐅᕐᑯᓇᒋᑦ (ᐃᖏᕋᕙᓐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓂᑦ). ᑐᒃᑐᐃᑦ ᓇᔪᖅᐸᒃᑕᖕᒋᑦ ᓄᓇᐃᑦ ᐊᕙᑎᒋᖕᒪᒋᑦ ᑕᐃᒪᐅᔭᕆᐊᖃᖅᑐᑎᒃ ᑐᒃᑐᑦ ᐊᓐᓇᐅᒪᔾᔪᑎᒃᓴᖃᕐᑯᑉᐳᒋᑦ ᐊᒻᒪᓗ ᓄᕋᕆᔭᖕᒋᑦ ᐱᕈᖅᐸᓪᓕᐊᓯᐊᖅᑎᑕᐅᕐᑯᑉᐳᒋᑦ ᐊᒻᒪᓗ ᐃᓚᖃᖅᑐᑎ, ᓱᕐᓗ, ᐱᕈᖅᑐᓂᒃ, ᐃᖏᕋᕝᕕᐅᕙᒃᑐᓂᒃ, ᑭᑦᑐᕆᐊᓂᑦ ᕿᒫᓯᒪᕝᕕᐅᕙᒃᑐᒃᓴᓂᒃ ᓱᕐᓗ ᐊᑭᕕᖕᒐᕐᑕᓕᖕᓂᒃ ᐊᒻᒪ ᐊᓄᕆᖃᖅᐸᒃᑐᓂᒃ ᐊᕙᑎᐅᔪᓂᒃ ᐅᑭᐅᒥ ᓂᕿᒃᓴᒥᖕᓂᒃ ᕿᓂᕐᕕᒋᕙᒃᑕᖕᒋᓂᒃ. ᐱᓗᐊᖅᑐᒥᒃ ᐆᒃᑐᕋᐅᑎᐅᔪᖕᓇᕐᒪᑦ ᐃᒪᒃᑯᑦ ᐃᑳᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᖃᖅᑐᖅ ᐊᑭᕕᖕᒐᓂᒃ ᐱᑕᖃᖅᑎᓪᓗᒍ ᐊᒃᑐᐃᓯᒪᕙᖕᒪᑕ ᖃᓄᖅ ᑐᒃᑐᐃᑦ ᐃᒫᒍᑦ ᐃᑳᕐᕕᒋᓂᐊᒐᐃᓐᓄᑦ. ᐅᑭᐅᑉ ᐃᓚᖕᒐᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᑕᑯᒃᓴᐅᑎᑦᑎᕙᖕᒪᑕ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖕᒋᓂᒃ ᑭᓯᐊᓂᓗ ᐊᑦᔨᒋᙱᒻᒥᖕᒪᒍ ᓇᔪᖅᑕᐅᕙᒃᑐᓪᓚᑦᑖᓂᑦ. ᓱᕐᓗ ᐆᒃᑐᕋᕈᑎᒋᓗᒍ, ᑐᒃᑐᑦ ᓇᔪᖅᑕᐅᕙᒍᓐᓇᖅᑐᓂᒃ ᓄᓇᓂᑦ ᒥᑭᓂᖅᓴᒥᒃ ᓇᔪᒐᕋᖃᖃᑦᑕᕈᓐᓇᕐᒪᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐊᓯᖕᒋᓄᑦ ᓇᔪᕈᒪᕙᖕᒋᑕᒥᖕᓄᖕᒐᑦ ᓅᑦᓴᓇᐊᖃᓕᖅᑎᑕᐅᔪᓐᓇᕐᒪᑕ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᒋᑕ (KivIA) ᐃᓱᒫᓗᒍᑎᖃᕐᓂᖕᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP)

ᐃ) ᓇᓕᖅᑲᓈᒃᑎᑕᐅᓯᒪᙱᑦᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᖃᕐᓂᐅᕙᒃᑐᑦ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖕᒐᓂ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivIA) ᐃᑲᔪᖅᑐᐃᕗᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᐅᑉᐳᑎᒃ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᐃᓕᑕᖅᓯᓯᒪᓂᖕᒋᓐᓂᒃ ᓄᕋᕐᑲᕐᕕᐅᕙᒃᑐᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ, ᑕᐃᒪᓗ, ᓈᒻᒪᒃᓴᖅᓯᒪᓕᖅᓱᑎᒃ ᓄᓇᓕᐅᔪᓂᑦ ᐅᖃᐅᓯᒃᓴᓇᔭᐅᔪᓂᒃ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓇᐊᕐᓂᐅᔪᓄᑦ ᒥᐊᓂᓇᔭᐅᔭᓇᐊᖃᕐᓂᖕᒋᑕ ᓄᕋᕐᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓱᒪᓕᐅᕈᑎᖃᖅᓯᒪᖕᒪᑕ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᕐᑯᑉᐳᒋᑦ (ᐅᑭᐅᓗᒃᑖᒧᑦ, ᑕᐃᔭᐅᓂᖃᖅᐸᓚᐅᖅᑐᑦ ᒥᐊᓂᖅᓯᕝᕕᐅᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ) ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᑉᐳᒋᑦ ᑐᒃᑐᑦ ᓄᕋᕐᑲᕐᕕᒋᕙᒃᑕᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᓄᕋᕐᑲᓕᖅᑎᓪᓗᒋᑦ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ, ᐱᔾᔪᑎᐅᓗᐊᖅᑐᓄᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓂᖕᒋᑦ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ, ᐊᒻᒪᓗ ᐃᒪᒃᑯᑦ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᕙᒃᑕᖕᒋᑦ (ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 1). ᑭᓯᐊᓂᓗ, ᑖᑉᑯᐊ ᖃᓄᑎᒋ ᖁᑦᑎᖕᓂᖃᖅᑎᑕᐅᓪᓗᑎᒃ ᒥᐊᓂᖅᓯᓂᖃᖅᑎᑕᐅᓂᖕᒋᑦ ᓄᕋᕐᑲᓕᕐᓂᐊᓵᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᓄᕋᕐᑲᓕᖅᑎᓪᓗᒋᑦ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐅᑭᐅᓕᒫᒥ ᐊᔪᕐᓇᕐᒪᑕ ᐋᖅᑭᐅᒪᕐᓯᐊᖅᑐᕋᐅᑎᓕᓇᐊᒥᒃ ᐱᑕᖃᖅᑎᓐᓇᒋᑦ ᑕᒪᕐᒥᐅᓗᒃᑖᑲᓴᒃᓗᒋᑦ ᖃᓄᑐᐃᓐᓇᖅ ᖃᓄᖅ ᖁᑦᑎᒃᑎᒋᔪᒥᒃ ᒥᐊᓂᖅᓯᓂᖅᑕᖃᙱᑎᓪᓗᒍ ᐃᓚᖕᒐᓂ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᐊᕐᓂᖕᒐᓂ ᐱᒻᒪᕆᐅᑎᐅᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᑕᒪᒃᑯᐊ, ᓱᕐᓗ, ᐊᐅᔭᒥᑦ ᐊᐅᔭᓪᓚᕆᐅᓕᕐᓂᖕᒐᓂ ᐸᕝᕕᓵᖅᑕᐅᓇᑎᒃ ᓂᕆᔭᒃᓴᒥᖕᓂᒃ ᕿᓂᕈᓐᓇᖅᑎᑕᐅᕙᒋᐊᖃᕐᓂᖕᒋᓐᓂ³. ᐅᑭᐅᓗᒃᑖᒃᓴᖕᒧᑦ, ᑐᒃᑐᑦ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓇᔪᖅᐸᒃᑕᖕᒋᑦ (ᐊᐅᔭᒥ ᐊᒻᒪᓗ ᐊᐅᔭᓪᓚᕆᐅᓕᖅᑎᒥ ᓄᓇᐃᑦ ᐊᕙᑎᖕᒋᑦ, ᓄᕋᒃᓴᓕᐅᕐᕕᖕᓂ ᓄᓇᓂ, ᓄᓇᐃᓐᓇᒥ ᐅᑭᐅᒃᑯᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐅᐊᔭᓕᖅᑎᓪᓗᒋᑦ ᐃᖏᕋᕝᕕᒋᔭᐅᕙᒃᑐᑦ) ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖃᕐᒪᑕ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓪᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓂᒃ (VEC; ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 1). VEC-ᖑᔪᑦ ᑭᓯᐊᓂ "ᐱᑕᖃᖅᑎᑕᐅᔭᕆᐊᖃᕐᒪᑕ ᐃᓚᒋᔭᐅᖃᑕᐅᑎᑕᐅᔪᓂᒃ ᐃᓱᒪᒋᔭᐅᔭᕆᐊᖃᖅᑐᓄᑦ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓪᓗᑎᒃ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓂᒃ ᓱᕐᓗ ᑐᒃᑐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᓕᕐᓂᕐᒥᖕᓂ ᐱᓕᕆᐊᖑᔪᒪᔪᓂᒃ, ᓇᓗᓇᐃᔭᐃᓯᒪᓗᑎᒃ ᐊᒃᑐᐃᓂᖃᕈᓐᓇᕐᓂᐅᔪᓄᑦ VC-ᓂᒃ ᐱᓕᕆᓂᖃᕈᒪᓪᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕐᓂᕐᒥᓐᓂ ᑐᓂᔭᐅᔪᓄᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒥ ᑲᒪᔨᒋᔭᖕᒋᓐᓄᑦ (NPC), ᐊᒻᒪᓗ ᐅᑭᐅᑕᒫᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐅᖅᐸᒃᑐᑎᒃ NPC-ᑯᓐᓄᑦ ᖃᓄᓪᓚᕆᒃ ᐊᑐᖅᑕᐅᓯᒪᓕᕐᓂᖕᒋᓐᓄᑦ VC-ᖑᔪᑦ ᐱᔾᔪᑎᒋᓗᒋᑦ"[4]. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᐱᑕᖃᑦᓯᐊᙱᒻᒪᑕ ᑐᑭᒧᒍᑎᒃᓴᐅᓇᔭᖅᑐᓂᒃ ᖃᓄᖅ ᖃᓄᑎᒋᓪᓚᑦᑖᖅ ᐊᒃᑐᐃᓯᒪᓂᐅᓕᖅᑐᑦ ᓇᐅᑦᓯᖅᑐᒐᐅᕙᒋᐊᖃᕐᓂᖕᒋᑕ.

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[3] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒋᑦ 2.2.2.

[4] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐳᑎᒃ - ᒪᒃᐱᕋᖕᒐ 445

ᑕᐃᒪᓗᓕ VEC-ᖑᔪᑦ ᐱᑕᖃᖅᑎᑦᓯᓯᒪᙱᑦᑐᑦ ᒥᐊᓂᖅᓯᓂᐅᓕᕋᔭᖅᑐᓄᑦ ᐅᑭᐅᓗᒃᑖᑲᓴᙵᒧᑦ ᑕᒪᐃᓐᓂᑲᓴᖅ ᑐᒃᑐᑦ ᐅᑭᐅᒥ ᓄᓇᓂ ᓇᔪᖅᐸᒃᑕᖏᓐᓂ. ᑕᒪᓐᓇ ᒥᐊᓂᖅᓯᓂᖅᑕᖃᙱᓗᐊᕐᓂᐅᔪᖅ ᓈᒻᒪᙱᓕᖅᑎᑦᓯᑐᐃᓐᓇᕆᐊᖃᕐᒪᑦ ᐊᒥᕐᕋᐃᑦ ᐊᒥᓲᓂᕆᔭᖏᑦ ᓄᖑᐸᑦᓕᐊᑐᐃᓐᓇᕐᓂᐊᖅᐸᑕ ᐱᔾᔪᑎᖃᕐᓗᑎᒃ ᑲᔪᓯᒋᐊᕐᕈᓐᓇᕐᓂᖏᑦ ᒥᑭᓂᖅᓴᐅᓂᖏᑕ ᓯᓚᐅᑉ ᐅᖅᑰᓯᕙᓪᓕᐊᓂᖓ ᖁᕝᕙᓯᒃᓯᕙᓪᓕᐊᓂᖓᓂ ᐊᒃᓱᕈᓕᕈᑎᐅᓯᒪᓂᐊᕐᒪᑦ ᑐᒃᑐᓄᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivIA) ᐃᓱᒫᓗᒍᑎᖃᕐᒥᔪᑦ ᐃᒪᓐᓇ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᐃᓕᑕᖅᓯᓯᒪᒐᓗᐊᖅᓗᑎᒃ ᐱᒻᒪᕆᐅᓂᖓᑕ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖓᓄᑦ ᑐᕌᖓᔪᓂᒃ, ᖃᓄᐃᑦᑐᑐᐃᓐᓇᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓂᒃ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᓚᐅᙱᓐᓂᖏᑕ[5], ᐱᓕᕆᓂᖃᕐᕕᐅᓕᕈᖕᓇᓚᐅᖅᑐᓄᑦ ᐱᒋᐊᖅᑎᑦᓯᓯᒪᖏᓐᓂᐅᓕᖅᓗᓂ ᐱᔾᔪᑎᒋᑉᓗᒍ ᐃᓄᐃᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᐅᔪᓂᒃ ᑕᑯᖃᑦᑕᓕᐊᓂᖓᒪᑕ ᑕᐃᒪᓐᓇᐃᓕᖓᓕᖅᑎᑕᐅᔪᓂᑦ ᐅᖅᑰᓂᖅᓴᐅᓕᕐᓂᖓᓂᑦ ᓯᓚᐅᑉ. ᓄᐊᕐᕖ ᓄᓇᕐᔪᐊᓂ, ᓲᕐᓗ, ᓄᓇᒥᐅᑕᐅᑉᓗᑎᒃ ᑐᒃᑐᐃᑦ ᓄᓇᐃᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓂ (ᓄᓇᒥᐅᑕᐅᑉᓗᑐᒃ ᑐᒃᑐᕐᑯᑎᖏᑦ ᑐᒃᑐᕐᑯᑎᑉᑎᖕᓄᑦ ᐊᔾᔨᒋᔭᐅᖓᑕ), ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᑉᓗᑎᒃ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ ᐃᓕᑕᕆᔭᐅᓯᒪᖕᒪᑕ ᐊᑐᕐᑕᐅᔪᖕᓇᕐᓂᖏᓐᓄᑦ ᑕᒪᒃᑯᐊ ᓄᓇᒥᐅᑕᐅᑉᓗᑎᒃ ᑐᒃᑐᐃᑦ ᐋᖅᑮᒋᐊᖅᑐᖕᓇᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᖏᓐᓂᒃ ᐃᖏᕐᕋᕝᕕᒋᕙᖅᑕᒥᖕᓂᒃ ᐅᖅᑰᓯᕙᓪᓕᐊᓂᖓ ᓯᓚᐅᑉ ᒪᓕᒃᓗᒍᑦ. ᑐᒃᑐᓄᑦ, ᓂᕆᐅᖕᓂᖃᕐᕕᐅᓕᖅᓯᒪᓂᖏᓂᒃ ᖃᓄᐃᓕᖓᓕᕐᓂᐊᕐᓂᖓᓄᑦ ᐅᑭᐊᒃᓵᒥ ᒪᕐᑯᓕᖃᑦᑕᕐᓂᖓ ᐊᐳᑎᑉ ᖄᖓᒍ ᐊᑯᓚᐃᒡᓕᕙᓪᓕᐊᓕᕋᔭᖅᐸᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐅᖓᑎᓗᐊᖓᓄᐊᖅᓯᒪᓕᕋᔭᖅᐸᑦ[7,8], ᐊᖏᓂᖅᓴᐅᓕᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᐊᖅᑐᑉ ᓇᐅᒃᑯᑐᐃᓐᓇᖅ ᑐᒃᑐᐃᑦ ᐃᖏᕐᕋᔪᓐᓇᖅᑎᑕᐅᓂᖏᑦ ᓄᓇᑎᒍᑦ ᑐᒃᑐᑦ ᑎᑭᐅᑎᓇᔭᖅᐸᑕ ᓯᑯᖃᓗᐊᓕᖅᓯᒪᓂᕐᓄᑦ ᓂᕆᔭᒃᓴᓂᒃ ᐱᓯᒪᓕᕐᕕᒋᔪᓐᓇᖅᑕᕋᓗᐊᒥᖕᓄᑦ ᐃᖏᕐᕋᕝᕕᒋᕙᙱᑕᕋᓗᐊᒥᒃᑎᒍᑦ ᐃᖏᕐᕋᓂᖃᕐᖃᑦᑕᓕᕐᓂᕐᒥᖕᓄᑦ. ᑕᐃᒪᓕ, ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᔪᓐᓇᕆᐊᖃᕐᓂᐊᖅᑐᑦ ᓇᐅᒃᑯᑐᐃᓐᓇᖅ ᖃᖓᑐᐃᓐᓇᖅ ᐃᖏᕐᕋᔪᓐᓇᖅᑎᑕᐅᑯᕐᑐᓕᑦ ᑐᒃᑐᑦ, ᓲᕐᓗ, ᐅᑭᐊᒃᓵᒥ ᐅᐊᔭᓕᕋᖓᑕ (ᐃᖏᕐᕋᓕᕋᖓᑕ). ᓯᓚ ᐅᖅᑰᓂᖅᓴᐅᓕᖅᓯᒪᑎᓪᓗᒍ, ᐆᓇᓗᐊᕐᓂᖓᓂᑦ ᐊᒻᒪᓗ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᑭᑦᑐᕆᐊᓂᑦ ᐸᕝᕕᓵᖅᑕᐅᓯᒪᕙᖕᓂᖏᑦ ᐊᐅᔭᐅᑎᓪᓗᒍ ᐊᒃᓱᕈᓕᖅᓯᒪᕙᖕᓂᖏᑦ ᑐᒃᑐᑦ ᖁᕝᕙᓯᒃᓯᕆᐊᖅᓯᒪᕙᖕᒪᑦ, ᓂᕿᕆᕙᒃᑕᖏᑕᓗ ᐱᐅᔫᓂᖏᑦ ᒥᑭᒡᓕᕆᐊᖅᓯᒪᓕᖅᐸᒃᓗᑎᒃ ᐊᒻᒪᓗ ᓂᕿᕆᕙᒃᑕᖏᑦ ᒥᑭᓂᖅᓴᐅᓕᖅᐸᒃᓗᑎᒃ. ᐊᐅᔭᐅᑎᓪᓗᒍ ᐅᖅᑰᓂᖅᓴᓂᑦ ᐊᒻᒪᓗ ᐊᒃᓱᕈᕐᓇᓕᖅᓯᒪᓂᐅᕙᒃᑐᑦ ᐱᓗᐊᓕᒃᑲᓐᓂᕈᑎᐅᔪᖕᓇᕐᒪᑦ ᑐᒃᑐᓄᑦ ᐱᕙᓪᓕᐊᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐅᑭᐊᒃᓵᒥ ᑐᒃᑐᐃᑦ ᐸᕝᕕᓵᖅᑕᐅᓇᑎᒃ ᓂᕆᔭᒃᓴᒥᖕᓂᒃ ᕿᓂᕈᖕᓇᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᐊᕐᒪᑦ ᐅᑎᖅᓯᒪᓕᕈᖕᓇᕐᑯᐸᓗᑎᑦ ᐃᓕᖅᑯᓯᑐᖃᕆᕙᖅᑕᒥᖕᓄᑦ ᓄᕐᕋᓕᐅᓕᕐᓂᐊᓵᖅᓗᑎᒃ ᐊᒻᒪᓗ ᐅᑭᐅᖅᐸᓪᓕᐊᓂᐊᕐᓂᖓ ᓯᓚᐅᑉ ᒪᓕᒃᓗᒍ. ᓱᒃᑲᓕᕙᓪᓕᐊᒐᓗᐊᖅᑎᓪᓗᒍ ᓯᓚᐅᑉ ᐅᖅᑰᔾᕙᓪᓕᐊᓂᖓᑕ ᐊᐅᔭᒥ ᐊᒻᒪᓗ ᐅᑭᐊᒃᓵᒥ ᓄᓇᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᓂ, NPC-ᑯᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᑐᐃᓐᓇᕐᒪᑦ ᑕᒪᒃᑯᓂᖓ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔫᓂᕋᖅᓗᒋᑦ (VEC). VEC-ᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᑎᓪᓗᒋᑦ, ᐅᕐᑯᒪᐃᑦᑑᓂᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏᓐᓄᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᑎᑕᐅᖓᑕ ᐃᓚᒋᔭᐅᖃᑕᐅᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕆᐊᖃᖅᑐᓄᑦ ᓂᕆᐅᒋᔭᐅᑉᓗᑎᒃ ᐊᒃᑐᐃᓯᒪᓂᖃᕐᓂᐅᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᑕᐃᒪᓕ ᓇᐅᕐᓯᖅᑐᒐᐅᔭᕆᐊᓕᖕᓄᑦ ᓇᓗᓇᐃᖅᓯᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᐊᒻᒪ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᖃᓄᓪᓚᑦᑖᖅ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᑦ - ᐃᒪᓐᓇ ᓲᕐᓗ ᐊᒃᑐᒐᐅᓯᒪᓂᖃᓕᖅᐸᑕ ᑭᓯᐊᓂ.

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[5] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓐᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ - ᐃᓚᖏᑦ 2.9.1.

[6] ᕿᖅᕕᑦᑦ, ᔨ.ᓯ., ᐃᖓ, ᐃᓐ. ᐊᒻᒪᓗ ᐃᐊᕆᒃᓴᓐ, ᐱ. 2022. ᓯᓚᐅᑉ ᐆᓇᖅᓯᕙᓪᓕᐊᓂᖓᓂᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᑦ ᑐᒃᑐᓕᕆᕙᓐᓂᐅᔪᑦ ᐱᑕᖃᓕᕆᐊᖃᕐᓂᖏᑦ ᓄᑖᑎᒍᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂᒃ. ᐋᒻᐱᐅ 1247–1262.

[7] ᑑᓚᓐᑦ, ᓯ., ᐃ. ᓚᐃᖕᓗᐊ, ᐃᐊᓪ. ᐳᖅᑯᕐ, ᐃ. ᐃ. ᕈᐃᐅᕐ, ᐃ. ᕈᐃ, ᐊᒻᒪᓗ ᐱ. ᒫᓐᐱᑏᑦ. 2018. ᓯᓚᓕᕆᓂᕐᒧᑦ ᑎᑎᕋᖅᓯᒪᔪᑯᑎᖏᑦ ᒪᕐᑯᓕᖃᑦᑕᕐᓂᕐᓄᑦ ᐊᐳᑎᐅ ᖄᖓᒍᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓂ ᕿᑭᖅᑕᕐᑯᑎᓕᐊᓛᓂ ᐊᒻᒪᓗ ᖁᒻᒧᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᑐᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᓯᒪᓂᖏᑦ ᐊᑐᖅᓯᒋᑦ ᓈᒪᐅᑎᓂᒃᑯᕐᑐᓂᒃ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᕐ, ᓄᓇᐅᑉ ᖄᖓᓂ, 39.5, 428-444.

[8] ᐹᓐ, ᓯ.ᔨ. ᐊᓯᖏᓪᓗ. 2018. ᒪᕐᑯᓕᖃᑦᑕᕐᓂᐅᔪᑦ ᐊᐳᑎᐅᑉ ᖄᖓᒍᑦ ᐊᓛᔅᑲᒥ, ᐊᑯᓚᐃᑎᒋᓐᓂᖏᑎᒍᑦ ᐊᒻᒪ ᓯᐊᒻᒪᒃᑎᖅᐸᖕᓂᖏᑎᒍᑦ ᖁᒻᒧᐊᒃᑎᑕᐅᓯᒪᔪᒃᑯᑦ ᕿᒥᕐᕈᔭᐅᕙᓐᓂᖏᑦᓂ ᐊᕙᑎᒋᔭᖏᑕ. ᓇᐊᔅ. ᓕᐊᑦ. 13 075004

ᐅ) ᐊᑐᖅᑕᐅᕙᓐᓂᖏᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᑉᐳᑎᒃ ᓴᓇᕐᕿᑎᒃᓴᐃᑦ

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᐅᖃᖅᓯᒪᒪᑕ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖓᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᕙᒃᑐᑦ ᓄᓇᕗᒻᒥ ᐱᓕᕆᓂᖃᓕᖅᓯᒪᓂᐅᔪᓄᑦ ᐃᓚᒋᐊᕈᑎᑎᒍᑦ ᐱᓕᕆᐊᖑᓂᐊᕐᓂᖏᑕ ᑕᐃᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᐃᓗᐊᓂ ᖃᐅᔨᓴᕐᓂᖃᕐᕕᐅᔭᕆᐊᖃᕐᓂᐊᖅᐳᑎᒃ[9] ᑭᓯᐊᓂᓗ ᐅᖃᖅᓯᒪᙱᒃᑭᑉᐳᑎᒃ ᖃᓄᖅ ᐅᕝᕙᓘᓐᓃᑦ ᖃᖓ ᖃᐅᔨᓴᕐᓂᐅᔪᑦ ᐱᓕᕆᐊᖑᔫᒪᕐᓂᖏᓐᓄᑦ. ᐱᔾᔪᑎᒋᑉᐳᒍ ᐃᓚᖏᑦ 2.2.5 ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐳᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓕᑕᖅᓯᓯᒪᖕᒪᑕ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ ᐊᔾᔨᒌᙱᓐᓂᖃᕐᕕᐅᔪᓂᒃ ᑐᒃᑐᓕᕆᓂᐅᔪᓄᑦ ᐊᒥᓱᙳᕆᐊᖅᓯᒪᓕᕐᓂᐅᔪᓂᒃ, ᑕᐃᒪᓕ, ᑐᐊᕕᐅᕐᓇᖅᓯᓯᒪᕗᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐸᕐᓇᐅᑎᓕᐅᕐᓯᒪᓕᕆᐊᖃᕐᓂᐅᔪᑦ ᐱᓕᕆᐊᖑᔪᒪᔪᓂᒃ ᐱᔾᔪᑎᒋᑉᐳᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP)[10]. ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒍᐸᑕᐅᖅ, ᐃᓚᖏᑦ 2.2.6 (ᒪᓕᒐᕐᑯᑎᓕᕆᓂᕐᒥ ᓴᓇᕐᕿᑎᒃᓴᐃᑦ) ᐅᖃᖅᓯᒪᔪᖃᕐᒥᖕᒪᑕ ᐊᔾᔨᒌᙱᐅᖅᑐᑎᒃ ᒪᓕᒐᕐᑯᑎᓕᕆᓂᕐᒥ ᓴᓇᕐᕿᑎᒃᓴᓄᑦ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓯᒪᔪᓄᑦ ᑭᓯᐊᓂᓗ ᐅᖃᖅᓯᒪᓇᑎᒃ ᖃᓄᖅ ᐊᑐᓕᖅᑎᑕᐅᔪᓐᓇᕐᒪᖔᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓕᔭᐅᓯᒪᓕᕋᔭᕐᒪᖔᑕ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖃᖅᐳᑦ ᑕᐃᒪᐅᓚᓗᐊᖅᑎᓪᓗᒋᑦ ᓴᓇᕐᕿᑎᒃᓴᐃᑦ, ᓱᕐᓗ ᓄᓇᕗᑦ ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᕐᑯᑏᑦ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᐱᕙᓪᓕᐊᑎᑦᓯᔪᒪᔪᖃᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᑲᑎᒪᔨᖏᑕ (NIRB's) ᐱᓕᕆᐊᖑᔪᓂᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ ᓇᐅᑦᓯᖅᑐᐃᕙᓐᓂᖏᑦ ᐊᑐᐃᓱᒪᓂᐅᓕᖅᑐᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑉᐳᒋᑦ, ᓱᓕ ᐃᓚᑰᓂᖃᕐᒪᑕ ᓱᕐᓗ ᖃᓄᖅ ᐊᑐᐃᓱᒪᓂᐅᔪᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᔪᑦ ᐱᓕᕆᐊᖑᓕᕈᖕᓇᕆᐊᖏᑕ. ᐃᓛᓗ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᐱᑕᖃᖅᑎᕐᓯᓯᒪᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᑕᒪᐃᑎᒍᑦ ᑐᑭᒧᐊᒍᑎᒃᓴᐅᓂᐊᖅᑐᓂᒃ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ[11], KivlA-ᑯᑦ ᓱᓕ ᓴᐳᔾᔨᒋᐊᖅᓯᒪᕗᑦ ᑐᐊᕕᐅᕐᓇᖅᑑᓕᖅᑎᓯᒪᑉᐳᒍ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᐱᓕᕆᓂᖃᓕᕐᓂᒃᓴᓂᒃ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐊᒥᕐᕋᕐᑯᑎᐅᔪᓄᑦ ᑐᕌᖓᑉᐳᑎᒃ ᐱᓕᕆᓂᐅᓕᕋᔭᖅᑐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᖅ ᐊᓯᖏᑦ ᓴᓇᕐᕿᑎᒃᓴᐅᔪᑦ ᐃᓕᔭᐅᓯᒪᓕᕈᖕᓇᕐᒪᖔᑕ ᐱᖃᓯᐅᑎᑉᐳᑎᒃ ᖃᓄᖅ ᐊᒃᑐᐃᓱᒪᓕᕐᓂᐅᔪᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᑉᐳᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᖅᑑᓪᓗᐊᕐᒪᖔᑕ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᓱᓕ ᐃᓱᒪᓕᐅᕈᐃᖃᖅᓯᒪᕗᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᓴᓇᕐᕿᑎᒃᓴᐅᔪᑦ ᐃᓚᕐᖃᖅᑎᑕᐅᓯᒪᕐᑯᑉᐳᒋᑦ ᐊᓯᔾᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᐃᓚᒋᐊᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕈᑎᓄᑦ. ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᑕᒪᒃᑯᓂᖓ ᐃᓱᒪᒋᔭᖃᖅᑰᔨᖕᒪᑕ ᓯᕗᓂᐅᓂᐊᖅᑐᒥ ᓴᓇᕐᕿᑎᒃᓴᐅᓂᖏᓐᓂᒃ ᑕᐃᒪᓗ ᖃᐅᔨᓴᖅᑕᐅᒃᑳᕐᓗᑎᒃ ᑭᓯᐊᓂ ᐊᑐᖅᑕᐅᔪᖕᓇᓕᕐᓂᐊᕐᓂᖏᑕ. ᑭᓯᐊᓂᓕ, KivlA-ᑯᑦ ᐅᒃᐱᕈᓱᖕᒪᑕ ᑐᑭᓯᐅᒪᕐᓯᐊᕐᓂᖅ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᓇᐊᖃᕐᒪᑕ ᐊᒻᒪᓗ ᑐᑭᓯᐅᒪᔭᐅᕐᓯᐊᓕᕐᓗᑎᒃ ᑐᕌᖓᑎᓪᓗᒋᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓄᑦ[12] (ᓱᕐᓗ, ᐱᓕᒻᒪᒃᓴᕐᓂᖅ, ᖃᓄᖅᑑᕈᓐᓇᕐᓂᖅ ᐊᒻᒪᓗ ᐱᓕᕆᖃᑎᒌᖏᓐᓂᖅ). ᐃᓛᓗ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᐋᖅᑭᒃᓱᐊᖑᓯᒪᙱᒃᑲᓗᐊᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᓂᖃᕈᑎᐅᓕᕐᓂᐊᕐᓗᑎᒃ ᑐᑦᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓂᒃ ᐊᓯᔾᔨᓯᒪᓕᕋᔭᕐᓂᕐᓄᑦ, ᐊᓯᖏᑦ ᓴᓇᕐᕿᑎᒃᓴᐅᔪᑦ ᐱᓕᕆᐊᖑᓯᒪᓕᕐᑯᑉᐳᒋᑦ ᐱᒻᒪᕆᐅᔫᑉᐳᑎᒃ ᑐᒃᑐᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐃᓚᖃᕐᒪᑕ ᓄᓇᕗᑦ ᒐᕙᒪᖔᑕ (GN) ᓄᓇᕗᒻᒥ ᐆᒪᔪᓕᕆᓂᕐᒧᑦ ᒪᓕᒐᕐᑯᑎᖏᓂᒃ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᐱᕙᓪᓕᐊᑎᑦᓯᔪᒪᔪᖃᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᑲᑎᒪᔨᖏᑕ (NIRB) ᐱᓕᕆᐊᖑᔪᓂᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖏᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᔾᔪᑎᒃᓴᓂᒃ, ᓱᕐᓗ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑉᐳᒋᑦ ᐃᓕᙵᒃᑎᑦᓯᓂᐅᕙᒃᑐᓄᑦ ᐳᔪᖅᑕᖃᓕᖅᑎᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᑦ ᓄᓇᓄᑦ.

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[9] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᒪᒃᐱᕋᖕᒐ 6

[10] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᖅᑎᑕᐅᕐᑯᑉᐳᑎᒃ - ᒪᒃᐱᕋᖕᒋᑦ 44-46

[11] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᖅᑎᑕᐅᕐᑯᑉᐳᑎᒃ - ᒪᒃᐱᕋᖕᒋᑦ 46-50

[12] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᒪᒃᐱᕋᖕᒐ 9

ᐊ) ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᓄᑦ ᑭᒡᓕᖃᓕᕐᕕᐅᑎᑕᐅᓯᒪᕙᒃᑐᑦ ᐊᒻᒪᓗ ᓄᓇᙵᐊᓕᐅᕐᓂᖅ

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᒪᕐᕉᖕᓂᒃ (2) ᐱᔾᔪᑎᐅᓗᐊᕐᕕᐅᔪᓄᑦ ᐊᖏᕐᑲᑎᑮᒃᓯᒪᙱᓐᓂᐅᔪᓂᒃ ᓄᓇᙵᐊᓕᐅᖅᐸᖕᓂᕐᒧᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᓄᑦ ᑐᙵᕝᕕᕐᑲᖅᑎᑕᐅᑉᓗᑎᒃ ᑐᒃᑐᑦ ᐅᑭᐅᑦ ᐃᓚᖓᓂ ᓄᓇᔪᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓄᑦ ᑭᒡᓕᖃᕐᕕᐅᔪᓄᑦ. ᓯᕗᓪᓕᕐᒥᒃ, ᓴᓇᕈᑎᓕᕆᓂᕐᒧᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᔪᑦ ᐱᓕᕆᔾᔪᑎᐅᕙᒋᐊᖃᕐᒪᑕ ᖃᓄᖅ ᐊᑯᓂᐅᑎᒋᔪᒥᒃ ᐅᐊᔭᒧᖅᑐᑎᒍᑦ ᐅᖓᓯᒃᑐᒥᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐊᑐᖅᑕᐅᕙᒃᑐᓂᒃ ᐋᖅᑭᒃᓱᐃᓂᕐᒥ ᓄᓇᓂᒃ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᑭᒡᓕᒋᔭᐅᔪᓂᒃ ᐊᒻᒪᓗ ᖃᓄᑎᒋ ᖁᑦᓯᖕᓂᖃᕐᓂᖏᓐᓄᑦ ᖃᐅᔨᒋᐊᖅᐸᖕᓂᕐᓂ (ᐳᕐᓴᓐᑎᖕᒋᑎᒍᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ), ᐱᔾᔪᑎᒋᐸᓗᒍ ᓄᓇᕗᑦ ᒐᕙᒪᖓᑦ (GN) ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ 80%-ᖏᑦ ᐅᐊᔭᕐᕕᐅᕙᖕᓂᖏᑕ ᐊᒻᒪᓗ 95%-ᖏᑦ ᐊᓯᖏᓐᓄᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᑕᐅᕙᖕᓂᖏᑕ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖏᓐᓂ. ᑐᒡᓕᖓᓂᒃ, ᓄᓇᙵᐊᓕᐅᖅᐸᖕᓃᑦ ᐊᑐᖅᑎᑕᐅᕙᒋᐊᖃᕐᒪᑕ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ. ᐅᒡᒍᐊᕐᓇᖅᐳᕐᓗ, NPC-ᑯᑦ ᓯᕗᒻᒧᒋᐊᕈᑎᒃᓴᓂᒃ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᓚᐅᙱᒻᒪᑕ ᐋᖅᑭᒃᑕᐅᓯᒪᓕᕐᑯᓪᓗᒋᑦ ᐊᖏᕐᑲᑎᑮᒃᓯᒪᙱᓐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᖃᓄᖅ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ ᐊᑐᖅᑕᐅᕙᒋᐊᖃᕐᓂᖏᓐᓄᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑮᖏᑦ (KivlA) ᐃᓱᒪᓗᒍᑎᕐᑲᕐᒪᑕ ᓯᕗᕐᓕᕐᒥᒃ, ᓄᓇᙵᐊᓕᐊᖑᓯᒪᓕᐊᓂᒃᑐᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᓄᓇᐃᑦ ᓱᓕ ᑕᒪᕐᒥᓗᒃᑖᑲᓴᒃ ᐅᐃᒍᒋᐊᖅᑕᐅᕐᑲᑦᑕᖅᓯᒪᖓᒪᑕ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᒃᑐᑦ ᐊᑕᐅᓯᑐᐊᒥᒃ ᖃᐅᔨᒋᐊᕈᑎᐅᑉᓗᓂ ᓴᓇᕐᕈᑎᓂᒃ ᐊᑐᖅᐸᒃᓗᑎᒃ (ᐅᐊᔭᕐᑐᖅᑐᑦ ᖃᔅᓯᐅᓂᖏᓐᓄᑦ ᖃᐅᔨᒋᐊᕈᑎᓂᒃ) ᐃᓚᖃᖅᑎᑕᐅᓯᒪᕙᖏᑦᑐᓂᒃ ᓴᓇᕐᕈᑎᐅᔪᑦ ᑭᒡᓕᖃᓕᖅᑎᑦᓯᕙᖕᓂᖏᓂᒃ ᓱᕐᓗ ᖃᔅᓯᐅᓂᖏᑕ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᐅᑭᐅᑦ ᐊᑐᖅᐸᓪᓕᐊᓂᖏᓐᓂ ᑕᒪᒃᑯᐊ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᕙᖕᓂᖏᓐᓄᑦ. ᐊᒥᓲᙱᑦᑐᑯᓗᖕᓂᒃ ᑭᓯᐊᓂ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᖅᑰᔨᖕᒪᑕ ᑐᙵᕝᕕᖅᑎᑕᐅᓯᒪᔅᓗᑎᒃ ᓄᓇᖅᑲᑎᑮᖕᒍᔪᑦ ᖃᐅᔨᒪᔭᖏᓐᓄᑦ. ᑕᐃᒪᓗ, KivlA-ᑯᑦ ᐅᒃᐱᕈᓯᖕᒪᑕ ᐱᓯᒪᓕᕆᐊᖃᕐᓂᖏᑕ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᔅᓗᑎᒃ ᓄᓇᕗᓕᒫᒥ ᑐᒃᑐᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᕙᑎᐅᔪᑦ ᖃᐅᔨᔪᖅᑕᐅᓯᒪᓕᕆᐊᖃᕋᓱᒋᔅᓗᒋᑦ ᑐᕋᖓᓂᖃᓕᖅᑎᑕᐅᓂᐊᕐᒪᑕ ᑕᐃᒪᙱᓂᑐᖃᕐᒥᑦ ᐅᔅᓗᒥᐅᓕᖅᑐᒧᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓯᐊᒻᒪᒃᓯᒪᓂᖃᓕᕐᕕᐅᔪᑦ ᑕᐃᒪᓗ ᒪᓕᒃᑕᐅᔅᓗᑎᒃ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᒋᐊᖅᓯᒪᔪᓂᒃ ᓄᑕᐅᓂᖅᐹᖑᔅᓗᑎᒃ 10-ᓄᑦ ᐅᑭᐅᓄᑦ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓕᕐᓂᐅᔪᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᑦ ᑕᓪᓕᒪᑦ ᐅᑭᐅᑦ ᓈᓯᒪᓕᕋᖓᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐊᓯᖏᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᐅᔪᑦ ᓱᕐᓗ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ (IQ) ᒪᓕᒃᑐᒋᑦ ᐊᓯᑦᔨᖅᑕᐅᓯᒪᓕᕐᑯᔭᐅᑉᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑕᐅᓯᒪᓕᕋᖓᑕ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᑦ (DNLUP) ᓱᓕ ᐃᓱᒪᓕᐅᕈᑎᕐᑲᓕᖅᓯᒪᙱᑦᑐᑦ ᒥᑭᓂᖅᐹᑎᒍᑦ ᐱᓕᕆᕐᔪᓯᐅᕙᒐᔭᖅᑐᓄᑦ ᓄᓇᙵᐊᓕᐅᕐᓂᕐᓂ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᐃᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᕐᑯᑉᓗᒋᑦ NPC-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᕐᑲᓚᐅᕐᓗᐊᖅᑎᓪᓗᒋᑦ ᐊᑐᕐᑲᑦᑕᕐᑯᔨᙱᓪᓗᑎᒃ ᐱᑐᕐᑲᒻᒪᕆᐅᑉᓗᑎᒃ ᐃᓚᒋᐊᕈᑎᒋᔭᐅᓯᒪᔪᓂᒃ[13].

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑮᖏᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP)

ᑭᐅᑦᔪᑎᒋᑉᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᒋᔭᐅᓯᒪᔪᓄᑦ (DNLUP), KivlA-ᑯᑦ Lᑯᓂᖓ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᓯᒪᓕᓚᐅᖅᑐᑦ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑮᖏᑦ (KivlA) ᐃᓕᑕᖅᓯᓯᒪᓕᕈᒪᖓᒪᑕ ᐊᑐᕐᓂᖃᕐᓂᖏᑦᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓂᕐᒧᑦ ᑲᒪᔨᑦ (NPC) ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᓴᖅᑮᓯᒪᓂᖏᓐᓂᒃ ᐃᓚᒋᔭᐅᔪᓄᑦ ᐃᓱᒪᒋᔭᐅᔪᓂᒃ ᐃᑲᔪᕈᑎᐅᓯᒪᓕᓚᐅᕐᒪᑕ KivlA-ᑯᑦ ᐋᖅᑮᒋᐊᒃᑲᓐᓂᕐᓂᖏᓐᓄᑦ ᐃᓕᖓᓐᓂᓇᔭᒥᖕᓄᑦ ᑐᒃᑐᐃᑦ ᒥᐊᓂᓇᔭᐅᓯᒪᓂᖏᑦᑕ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ

[13] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᕐᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ ᐃᓚᖏᑦ 6.2.9.1.

ᑲᑐᕐᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐅᑯᓇᓂ ᐊᑖᓂ ᑎᑎᕋᖅᓯᒪᔪᓂ, ᐃᓱᒪᒋᔭᖃᓕᖅᓯᒪᕗᑦ ᖃᓄᐃᒻᒪᑦ ᐃᓱᒪᓕᐅᕈᑎᓕᐊᓇᓯᒪᔭᑎᒃ ᐃᓚᑐᐃᓐᓇᖓᒍᑦ ᐊᕐᔨᐅᕐᓚᖕᓂᖃᕐᒪᖔᒐᑕ NPC-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᖕᒋᓐᓂᑦ ᐱᔾᔪᑎᒋᑉᐳᒍ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᕐᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒫᐳᒍᑎᖃᕐᒪᑕ ᐅᑭᐅᓕᒫᒧᑦ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓂᐅᕙᒃᑐᓂᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᓇᐅᓇᐃᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᐅᖓᑖᓄᐊᖅᓯᒪᑎᓪᓗᒋᑦ ᐱᔭᐅᓯᒪᔭᕆᐊᖃᖅᑐᓂᑦ ᒥᐊᓂᖅᓯᓂᖃᕐᓂᐊᕐᓂᕐᓂ ᑐᒃᑐᐃᑦ ᓄᕐᕋᖃᕐᕕᒋᕙᒃᑕᖕᒋᓐᓂ ᐊᒻᒪᓗ ᓄᕐᕋᖃᓕᖅᑎᓪᓗᒋᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ. KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᖃᒃᑲᓐᓂᖅᑐᑦ ᐊᖏᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᒥᐊᓂᓇᔭᐅᓂᖕᒋᑦ ᑐᒃᑐᑦ ᐊᑐᓕᖅᑎᑦᓯᓂᖅᑎᒍᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᐸᓕᐅᓂᖃᖅᑎᑕᐅᔪᓂᖕᒌᖅ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᓇᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑎᒎᖕᒋᓪᓗᒋᑦ (VEC) ᐊᐅᔭᐅᓂᖕᒐᓂᑦ ᓄᕐᖃᓕᐅᕐᕕᐅᕙᒃᑐᑎᒍᑦ ᐊᕙᑎᒋᔭᐅᔪᓂ. KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᖅᓯᒪᕗᑦ ᑐᒃᑐᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐃᓯᒪᓂᖕᒋᑦ ᓇᐃᒡᓕᒋᐊᖅᓯᒪᐸᓗᒋᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 1-ᒥ ᐅᖃᐅᓯᐅᓯᒪᕗᑦ.

ᐃ) ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ ᐊᕙᑎᒋᔭᖕᒋᓐᓂ ᓄᓇᓂ ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᓂ ᐊᒻᒪ ᓄᕐᕋᖃᓕᖅᑎᓪᓗᒋᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓕᑕᖅᓯᓯᒪᖕᒪᑕ ᓄᓇᓕᐅᔪᓂᑦ ᐃᓱᒪᒋᔭᐅᔪᓂᒃ ᐱᔾᔪᑎᒋᑉᐳᒋᑦ ᖁᑦᓯᒃᑐᒻᒪᓇᐅᓂᖕᒋᑕ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᓂᖕᒋᑦ ᓄᓇᐃᑦ ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐊᒻᒪ ᐃᓱᒪᓕᐅᕈᑎᖃᖅᓱᑎᒃ ᐊᖏᔫᑉᐳᑎᒃ ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐅᒃᑯᐊᖅᓯᒪᑎᑕᐅᕙᖅᑯᑉᐳᒋᑦ ᑕᒪᐃᓐᓂᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᕙᒃᑐᓂᑦ. KivlA-ᑯᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᕗᑦ ᐊᖏᔪᒻᒪᓇᐅᔪᑦ ᐊᕙᑏᑦ ᐊᕙᑎᐅᓂᖕᒋᑕ ᐊᑐᖅᑕᐅᕙᒃᑐᓂᒃ ᐊᒥᓱᙱᖅᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᓄᕐᕋᖃᓕᖅᑐᑦ ᐃᓚᖃᖅᑎᑕᐅᓕᕐᑯᐸᓗᒋᑦ 3-ᓂᒃ ᐱᓇᓱᐊᕈᓯᕐᓂᒃ[14] (ᐅᐸᓗᓇᔭᖕᒋᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓯᒪᔪᑦ ᓇᓪᓕᐊᓐᓄᑦ ᐊᒥᕐᕋᕐᑯᑎᐅᔪᓄᑦ ᑐᕌᖓᕝᕕᐅᓯᒪᐸᓗᑎᒃ) ᐊᒻᒪ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᒪᓕᒃᑎᑕᐅᓂᐊᕐᓂᖕᒋᓐᓄᑦ ᓯᕗᖕᒐᓂ 10-ᓄᑦ ᐅᑭᐅᖑᓚᐅᖅᑐᓄᑦ. ᑕᐃᒪᓕ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖃᖅᐳᑦ ᐊᖏᔫᑉᐳᑎᒃ ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑑᓂᖕᒋᓐᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᖕᒥᓗᑎᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᓯᓚᑖᓐᓂᑦᑐᓄᑦ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᕙᒃᑐᓂᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ, ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᖕᒋᑦ ᑕᐃᒪᙱᓂᑐᖃᖅ ᓄᕐᕋᖃᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᖕᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᖕᒋᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᕐᑯᐸᓗᒋᑦ ᓄᕐᕋᖃᓕᖅᐸᓪᓕᐊᓂᖕᒋᓐᓂ ᑐᒃᑐᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖃᖅᐳᑦ ᓄᕐᕋᖃᓕᖅᑎᓪᓗᒋᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᑕᐅᕐᑯᐸᓗᒋᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ (ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᕙᒃᑐᑦ). ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐊᑐᓕᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᐱᔾᔪᑎᖃᖅᑕᐅᔪᑦ ᑐᕌᖓᑎᑕᐅᐸᓗᑎᒃ ᑐᒃᑐᑦ ᒥᐊᓂᓇᔭᐅᓂᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᖕᒋᑕ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᔭᓇᐊᖃᖅᑐᓂᒃᓄᑦ ᐋᖅᑭᒃᓱᐊᖑᕙᒋᐊᖃᖅᑕᒪᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂᑦ, ᖃᐅᔨᒋᐊᕈᑎᒋᕙᒃᑐᒋᑦ ᐱᓕᓇᓂᖃᖅᕕᐅᔪᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓄᑦ (RIA), ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐆᒪᔪᓕᓇᔾᒃᑯᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓄᑦ (RWOs), ᐊᒻᒪᓗ ᐊᖑᓇᓱᒃᑏᑦ ᒥᑭᒋᐊᖅᑎᒃᑯᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓄᑦ (HTO). ᑖᑉᑯᐊ ᐃᓚᖃᖅᑎᑕᐅᓇᔭᖅᑐᑦ ᑭᒡᓕᖃᓕᖅᑎᑦᓯᑦᔪᑎᓂᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᓕᕈᒪᔪᑦ ᕿᐱᓗᒃᑕᐅᖃᑦᑕᕐᓂᐊᕐᓂᖕᒋᓂᒃ ᐱᓕᓇᓂᖃᕈᒪᔪᑦ ᑐᒃᑐᑦ ᓄᕐᕋᖃᓕᕐᓗᑎᒃ ᓄᓇᓂᒃ ᓇᔪᖅᐸᒃᑕᖕᒋᑕ ᖃᓂᒋᔭᖕᒋᓐᓂ ᐊᒻᒪᓗ ᐊᓯᑦᓯᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ

[14] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐃᓚᖕᒋᑦ 2.2.3.

ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᐊᐅᓚᑦᓯᓂᐅᓕᖅᑐᓂᒃ ᓴᓇᕝᕕᐅᔪᑦ ᕿᓂᓕᖅᓯᒪᓂᖏᓐᓂᒃ ᐃᓗᐊᓃᑦᑐᓂ ᓄᓇᓂ ᓄᑦᕋᒃᑲᓕᖅᓱᑎᒃ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᑕ ᓯᓚᑖᓂ ᓄᑦᕋᒃᑲᓕᖅᓱᑎᒃ ᓇᔪᖅᐸᒃᑕᖏᑕ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑦ (KivlA) ᑕᑯᖃᑦᑕᖅᐸᓪᓕᐊᖏᓐᓇᕐᒪᑕ ᓇᓕᖅᑲᐅᓕᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᑐᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᕆᐊᖃᕐᓂᖏᓂᒃ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᓗᒃᑖᖓᓂ ᓴᙱᓕᖅᑎᑕᐅᓯᒪᕙᒃᓗᑎᒃ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᖅᐸᖓᙱᓪᓗᑎᒃ ᓄᑦᕋᖅᑖᖅᐸᓪᓕᐊᓕᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᓄᑦᕋᖅᑲᓕᐊᓂᒃᑎᓪᓗᒋᑦ. ᑕᒪᓐᓇᓗ ᐱᓪᔪᑎᒋᐸᓗᒍ, KivlA-ᑯᑦ ᐃᑲᔪᖅᑐᐃᓂᖅᑭᖕᓃᕐᒪᑕ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᓗᒃᑖᖓᓂ ᒥᐊᓂᖅᓯᓂᐅᕙᒃᑐᓂᒃ ᑕᐃᒪᙱᓂᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᑎᓪᓗᒋᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑕ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᓕᓚᐅᖅᑎᓪᓗᒋᑦ. ᐱᓗᐊᖅᑐᒥᒃ, ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᒋᔭᖏᑦ (NPC) ᐅᑦᔨᓇᔭᖅᑲᕐᒪᑕ ᑭᕙᓪᓕᐅᑉ- ᒫᓂᑑᐸᐅᑉ ᐱᓕᕆᓂᖅᑲᕐᐃᐅᓕᐊᓂᒃᑐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ ᓄᓇᙱᐊᑎᒍᑦ ᐃᑳᖅᓯᒪᓂᖏᑕ ᐃᓚᖓᒍᑦ ᓄᑦᕋᖅᑲᕐᐃᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᓄᑦᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖏᑕ ᒪᓕᖅᑕᐅᓯᒪᓇᔭᖅᑐᓂᒃ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᒥᐊᓂᕆᔭᐅᓕᖅᐸᒃᑐᓂ ᐅᖅᑲᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᖅᑎᑕᐅᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑦ (KivlA) ᐃᓱᒪᓕᐅᖅᐳᑦ ᑐᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᕙᖕᓂᖏᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᕙᖕᒋᒻᒪᑕ ᓴᓇᕝᕕᐅᔪᓄᑦ ᓇᓗᓇᐃᖅᓯᑦᓯᐊᖅᓯᒪᓕᕐᓂᖏᓂᒃ ᐊᐅᓚᑦᓯᓂᖅᑲᖅᑎᑦᓯᓗᑎᒃ ᓯᓚᑖᑎᒍᑦ ᓄᑦᕋᖅᑲᓕᖅᐸᓪᓕᐊᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᓄᑦᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ. ᐊᒥᓲᓂᖅᓴᑦ ᐅᔭᕋᖕᓂᐊᖅᑎᓂᑦ ᕿᓂᓕᕐᓂᐅᕙᒃᑐᑦ ᐃᑲᔫᑕᐅᓯᒪᓕᖅᐸᖕᒪᑕ ᑮᓇᐅᔭᓕᕐᕕᐅᔪᖕᓇᖅᑐᓂᒃ ᐱᑕᖅᑲᖏᓐᓂᖓᑕ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᖅᐸᖕᓂᖏᑎᒍᑦ ᐊᒻᒪᓗ ᖃᑯᑎᒃᑯᑦ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᐱᑕᖅᑲᓕᖅᓯᒪᓂᐅᔪᓄᑦ, ᐅᔭᕋᑕᕆᐊᖅᑎᑦ ᐃᒻᒪᕐᑳ ᐱᓕᕆᓂᖏᑦ ᑲᔪᓯᑎᑕᐅᓯᒪᔪᖕᓇᕋᔭᖅᑐᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᓄᓇᐃᑦ ᑭᒡᓕᖅᑲᓕᖅᑎᑕᐅᓯᒪᓂᕐᓂᒃ ᒪᓕᒋᐊᖅᑲᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐃᓚᖅᑲᖅᑎᑕᐅᓗᑎᒃ ᒪᓕᒃᑕᐅᒋᐊᖅᑲᓪᓕᕆᖅᑐᕐᑯᑎᓂᒃ (ᓱᕐᓗ ᐊᐅᓚᑦᓯᓂᖅᑲᕐᐸᖕᓂᐊᙱᓪᓗᑎᒃ ᓄᑦᕋᖅᑲᓕᖅᐸᓪᓕᐊᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᓄᑦᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖏᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᓗᑎᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᐱᓕᕆᓂᐅᕙᖕᓂᐊᖅᑎᓪᓗᒍᑦ ᓄᓇᐅᑉ ᖃᖓᓂᐅᙱᑦᑐᖅ, ᐊᒻᒪᓗ ᖁᒻᒧᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐊᙱᓪᓗᑎᒃ) ᐊᒻᒪᓗ ᑐᙵᕝᕕᖅᑲᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᑉᓗᑎᒃ ᐃᓕᙵᐃᕙᓪᓕᐊᓕᕐᓂᐅᔪᓄᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᖏᓐᓂ. ᐋᖅᑭᒃᑕᐅᓯᒪᕙᒌᕐᓗᑎᒃ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐅᔭᕋᒃᑕᕆᐊᖅᑏᑦ ᐅᒃᑯᐊᖅᑕᐅᓯᒪᓕᕆᐊᖅᑲᖅᐸᖕᓂᖏᓐᓄᑦ ᑕᐃᒪᐅᖓᒪᑕ ᐱᓗᐊᓕᕐᓂᐅᓯᒪᔪᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᑦᔪᑎᐅᕙᒃᑐᓄᑦ ᓴᐋᓇ ᐅᔭᕋᒃᑕᕆᐊᖅᑎᒃᑯᓐᓄᑦ ᕿᑎᕐᒥᐅᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ (ᒫᓐᓇᐅᔪᒥ ᐋᖅᑭᒃᓱᐊᖑᕙᓪᓕᐊᔪᑦ) ᐃᓚᖅᑲᕐᑎᓪᓗᒋᑦ ᐅᒃᑯᐊᖅᑕᐅᓯᒪᓕᕋᔭᕐᓂᖏᓂᒃ ᑐᒃᑐᑦ ᓄᑦᕋᖅᑲᓕᕋᔭᖅᐸᑕ ᓄᓇᐅᑉ ᖃᓂᒋᔭᖓᓂ.[15].

ᐅ) ᐱᓪᔪᑎᐅᓗᐊᕐᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕐᕋᕝᕕᐅᕙᒃᑐᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖏᑦ (KivlA) ᐅᑦᔨᓇᔭᖅᑲᕐᒪᑕ ᐊᑦᔨᒌᖏᓐᓂᖏᑕ ᐱᓪᔪᑎᐅᓗᐊᖅᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕐᕋᕝᕕᐅᕙᒃᑐᑦ (ᓄᑦᕋᖅᑲᕐᓂᐊᓵᕐᓗᑎᒃ ᐃᖏᕐᕋᕝᕕᒋᔭᐅᕙᒃᑐᑦ) ᐊᒻᒪᓗ ᐃᖏᕐᕋᓕᖅᑎᓪᓗᒋᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᓄᑦ ᐱᓪᔪᑎᖅᑲᖅᑐᑦ ᐅᐃᒪᓇᖅᑑᔪᖕᓇᕐᓂᖏᑕ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐅᖃᖅᓯᒪᖕᒪᑕ ᐱᓪᔪᑎᐅᓗᐊᕐᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕐᕋᕝᕕᐅᕙᒃᑐᑦ "ᐊᑐᖅᑕᐅᕙᖕᒪᑕ ᓄᑦᕋᒃᓴᖅᑲᖅᑐᓂᑦ ᑐᒃᑐᓂᑦ ᐃᑎᖅᐸᓪᓕᐊᑉᓗᑎᒃ ᓄᑦᕋᖅᑲᕐᐃᐅᕙᒃᑐᓄᑦ ᓄᓇᐃᑦ ᐊᕙᑎᖏᓐᓄᑦ" ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᑦ (NPC) (ᐊᒻᒪ ᓄᓇᕗᑦ ᒐᕙᒪᖓᑦ (GN)) ᐅᖃᖅᓯᒪᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᐱᓪᔪᑎᐅᓗᐊᕐᓂᖏᑕ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕐᕋᕝᕕᐅᕙᒃᑐᑦ ᐊᑐᖅᑕᐅᕙᖕᒥᖓᑕ ᐊᕐᓇᓪᓗᕐᓂᑦ ᑐᒃᑐᓂᑦ ᐊᒻᒪᓗ ᓄᑦᕋᓂᑦ ᐊᓂᕙᓪᓕᐊᓕᕐᓗᑎᒃ

[15] ᓴᐋᓇ, 2017. 170215 12MN036 FEIS-ᓄᑦ ᐅᐃᒍᖏᑦ ᐅᖃᓕᒫᒐᓕᐊᖑᓯᒪᔪᑦ 10

ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᓂᑦ ᓄᓇᓂᑦ[16]. KivlA-ᑯᑦ ᖃᐅᔨᒪᓪᓚᓇᙱᒻᒪᑕ ᓄᓇᙳᐊᓕᐊᖑᓯᒪᔪᑦ ᐱᑦᔪᑎᐅᓗᐊᕐᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ ᐃᓚᖃᖅᑎᑕᐅᓯᒪᖕᒐᑕ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᓂᒃ ᓯᓚᑖᑎᒍᑦ ᓄᕋᖅᑲᖕᒋᐅᕙᒃᑐᓂᑦ ᓄᕋᖅᑲᓕᐊᓂᒃᑯᑎᒃ ᓄᓇᓄᑦ ᐊᕙᑎᐅᔪᓄᑦ, ᐊᒻᒪᓗ ᐱᑦᔪᑎᐅᓗᐊᕐᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ ᐃᓗᐃᒃᑲᐅᑉᓗᑎᒃ ᐃᓚᐅᑎᑕᐅᖕᒪᖕᒑᑕ ᓄᕋᖅᑲᓕᐊᓂᒃᑯᑎᒃ ᓄᓇᓂᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ.

ᐊᒻᒪᓗᒃᑲᓐᓂᖅ,ᑕᒪᕐᒥᒃ ᐅᑉᓗᓇᔭᐅᔪᓄᑦ ᓄᓇᐃᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᐅᖃᖅᑕᐅᓯᒪᔪᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 02-ᖕᒐᓂ ᐊᓯᖏᑎᒍᑦ ᐱᓕᓇᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᑐᕌᖕᒐᑉᓗᑎᒃ 'ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᒻᒪᓗ ᐱᑦᔪᑎᐅᓗᐊᕐᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ' ᐃᓗᐃᒃᑲᐅᑉᓗᒋᑦ ᐅᑉᓗᓇᔭᐅᔪᓄᑦ ᓄᓇᐃᑦ ᐊᔪᖅᑕᐅᕙᖕᓂᖏᓐᓂᒃ 'ᓄᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖕᒋᓂ ᐊᕙᑎᐅᔪᓄᑦ'. ᑖᒃᑯᐊ ᐅᖃᖅᓯᒪᖅᑰᔨᒪᑕ ᐱᑦᔪᑎᐅᓗᐊᖅᓂᖏᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑕ ᑐᒃᑐᓂᑦ ᓄᕋᖅᑲᓕᕐᓂᐊᓵᖅᑎᓪᓗᒋᑦ, ᑭᓯᐊᓂᓗ ᐅᑉᓗᓇᔭᐅᓇᔭᖅᑐᑦ ᓯᕗᓂᐊᓂ ᓯᕗᓪᓕᖅᐹᓂᑦ ᓄᕋᖅᑲᓕᕐᕕᐅᕙᒃᑐᓄᑦ ᐅᑉᓗᓇᔭᐅᔪᓂᑦ ᐃᓕᓯᓯᒪᔪᖃᖅᓯᒪᓇᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 02-ᖕᒐᓂ. KivlA-ᑯᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᑦᓯᐊᙱᒻᒪᑕ ᓇᒧᑦ ᐱᑦᔪᑎᐅᓗᐊᖅᑐᓄᑦ ᐃᑎᕈᖕᓇᕐᓂᐅᔪᓄᑦ ᐅᑉᓗᖏᑦ ᐃᓕᔭᐅᓯᒪᓂᐊᕐᒪᖕᒐᑕ ᓯᕗᓪᓕᕐᓂ ᐊᕕᒃᑐᖅᓯᒪᓂᓇᔭᖏᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 02-ᒥ, ᐊᒻᒪᓗ ᖃᓄᐃᒻᒪᑦ ᐊᔾᔨᒌᙱᓐᓂᐅᑎᑕᐅᔪᑦ ᐅᑉᓗᓇᔭᐅᔪᓄᑦ ᐊᒥᓲᙱᓗᐊᕐᒪᖕᒐᑕ ᓄᕋᖅᑲᓕᕐᕕᐅᕙᒃᑐᓄᑦ/ᐱᔪᑕᐅᓗᐊᖅᑐᓄᑦ ᐃᑎᕈᖕᓇᕐᓂᐅᔪᓂ ᐊᒻᒪᓗ ᓄᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖕᒋᑦ (KivlA) ᐅᖃᖅᓯᒪᕗᑦ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓗᐊᕐᓂᖏᑕ ᐊᕐᓇᓪᓗᐃᑦ ᑐᒃᑐᑦ ᐃᖏᕋᕙᓪᓕᐊᔪᑦ ᓄᕋᖅᑲᕐᕕᒋᕙᒃᑕᒥᖕᓄᑦ ᓄᓇᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐊᓂᕙᓪᓕᐊᓕᖅᑐᑦ ᓄᕋᖅᑲᕐᕕᒋᔭᒥᖕᓂᑦ ᐊᔾᔨᒌᙱᓐᓂᖅᑲᕐᓂᖏᑕ ᐱᔾᔪᑎᒋᐸᓗᒍ ᓄᕋᖅᓴᓖᑦ ᑐᒃᑐᑦ ᑎᑭᓐᓇᓱᓪᓚᓇᓕᖅᐸᖕᒪᑕ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐃᖏᕋᔪᑦ ᑕᑭᓗᐊᓘᓕᖅᐸᖕᒪᑕ ᒪᓕᒃᑐᕋᐅᑎᕙᒃᑐᑦ. ᐃᒪᓐᓇᓕ ᐊᔾᔨᒋᙱᑕᖕᒐᑎᒍᑦ, ᐃᖏᕋᓕᖅᑐᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐃᖏᕋᕙᓪᓕᐊᓕᖅᑐᑦ ᓄᕋᖅᑲᕐᕕᐅᔪᓂᑦ ᐊᓂᐊᕙᓪᓕᐊᑉᓗᑎᒃ ᐱᑦᔪᑎᖃᖅᐸᖕᒪᑕ ᐊᒥᓲᑉᓗᑎᒃ ᑲᑎᙵᓂᖅᑲᖅᑑᕙᖕᓂᖏᑕ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᑉᓗᑎᒃ ᖃᓄᐃᑦᑐᖃᓕᖅᓯᒪᓂᐅᔪᓂᑦ ᐱᑦᔪᑎᒋᑉᓗᒍ ᓄᕋᖅᑖᖑᓴᖅᑐᓂᒃ ᐃᓚᖃᓕᖅᐸᒃᑲᒥᒃ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖕᒋᑦ (KivlA) ᐊᖏᖅᑎᖃᖅᓯᒪᕗᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᑕ (NPC) ᓇᓗᓇᐃᖅᓯᒪᔭᖏᓐᓄᑦ ᐃᓄᐃᑦ ᓄᓇᖁᑎᖕᒋᑦ ᐃᓗᐊᓃᑦᑐᑦ ᓄᓇᙳᐊᓕᐊᖑᓯᒪᔪᓂ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖏᓐᓂ ᓯᓚᑖᒍᕐᑐᑦ ᓄᖅᑲᖅᑎᑕᐅᓯᒪᔭᓇᐊᖅᑲᕐᓂᖏᑕ ᑕᒪᐃᓐᓂᑦ ᖃᓄᑐᐃᓐᓇᖅ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᕙᒃᑐᓂᑦ, ᑭᓯᐊᓂᓗ ᒪᐃ 15 ᐊᒻᒪᓗ ᔪᓚᐃ 15 ᐊᑯᓐᓂᖕᒐᓂᑐᐃᓐᓇᐅᑎᑕᐅᕙᒃᓗᑎᒃ (ᐋᖅᑭᒃᑕᐅᓯᒪᓕᕈᖕᓇᖅᑐᓄᑦ ᐅᑉᓗᖏᑎᒍᑦ ᐸᕝᕕᓴᖅᑕᐅᓯᒪᕐᑯᓇᖏᑦ ᓄᕋᖅᑲᓕᕐᓂᐊᓵᖅᓗᑎᒃ ᐃᖏᕋᕙᓐᓂᐅᔪᑦ ᐊᕐᓇᓪᓗᐃᑦ ᑐᒃᑐᐃᑦ ᑎᑭᓯᒪᓕᖅᑎᓪᓗᒋᑦ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐊᓂᐊᕙᓪᓕᐊᓕᖅᑎᓪᓗᒋᑦ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᓂᑦ)[17]. ᑕᐃᒪᓐᓇ ᒥᐊᓂᓇᔭᐅᓯᒪᓕᕈᓐᓇᕋᔭᕐᒪᑕ ᑐᒃᑐᑦ ᐊᕐᓇᓪᓗᐃᑦ ᑎᑭᓯᒪᓕᕋᖕᒐᑕ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖏᓐᓄᑦ ᓄᕋᖅᑖᓚᐅᖅᑎᓐᓇᒋᑦ ᓱᓕ, ᑎᑭᓪᓗᒍ 4-5 ᐱᓇᓱᐊᕈᓯᕐᓄᑦ ᓄᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑕᐃᒪᓗ ᐊᕐᓇᓪᓗᐃᑦ ᐃᒻᒧᖅᑲᓕᖅᓯᒪᕙᒻᒪᑕ[18] ᐊᒻᒪᓗ ᐸᕝᕕᓴᖅᑕᐅᓇᑎᒃ

[16] ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐃᓚᖏᑦ 2.2.2 ᐊᒻᒪ ᐊᓯᖏᑎᒍᑦ ᐱᓕᓇᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᒪᒃᐱᕋᖕᒐ 90 ᐊᒻᒪᓗ ᓄᓇᕗᑦ ᒐᕙᒪᖕᒐᑦ (GN), 2015-06-19. ᓄᓇᕗᑦ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᕐᑯᑎᖕᒋᑦ ᓈᓴᐅᑎᖕᒐ # 14-063E

[17] ᐅᖃᐅᓯᐅᓵᖅᓯᒪᔪᑦ ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᑯᑎᖕᒐᑕ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᔪᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᒌᖕᒋᓂᑦ, 2018-11-26. ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᑦ (NPC)
ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᓐᓄᑦ ᓈᓴᐅᑎᖕᒐ # 16-179E

[18] ᒫᔅᑕᐃᓐ, ᕼᐋᓪᕗᑦ ᐊᒻᒪᓗ ᕼᐋᓚᓐᑦ, ᐅᐃᔅᑕᐃᓐ ᐊᒻᒪᓗ ᕕᓚᕋᔾ, ᕋᔾᐳᑦ. (2004). ᒥᐅᖅ ᐋᖅᑭᒃᓯᐃᔨᖏᑦ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓯᖅᑕᐅᓯᒪᔪᑦ ᓈᓐᑎᐅᕐᑎᑐᑦ (ᕋᐃᖏᕗ ᑐᕋᓐᑕᔅ): ᐃᓕᖕᒐᒃᑎᑕᐅᓯᒪᕙᓂᖏᑦ ᐃᒻᒧᓕᐅᖅᐸᓪᓕᐊᓕᖅᑎᓪᓗᒋᑦ. ᑎᑎᕋᖅᑕᐅᓯᒪᒻᒥᔪᑦ ᐆᒪᓂᖅᑲᖅᑐᓂᒃ ᖃᓄᐃᑦᑐᖃᕐᓂᓕᓇᓂᕐᒥ ᐊᒻᒪᓗᑎᒥᖕᒋᓐᓄᑦ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᓄᑦ. ᐊᕕᒃᑐᖅᓯᒪᓂᖏᑦ ᐃ, ᑕᑯᒃᓴᐅᙱᑦᑐᑎᒍᑦ ᐊᒻᒪᓗ ᐃᓚᒋᔭᐅᓕᖅᐸᒃᑐᓄᑦ ᑎᒥᖏᓂᒃ ᖃᐅᔨᓴᐃᕙᓐᓂᖅ, 137. 649-56. 10.1016/j.cbpb.2004.01.002.

ᓂᕆᔭᒃᓴᒥᖕᓂᒃ ᕿᓂᕈᖕᓇᖅᑎᑕᐅᔭᕆᐊᖃᕐᒪᑕ, ᐊᑕᐅᓯᒃᑰᖃᑎᖃᕐᓗᑎᒃ ᐊᕐᓇᓪᓗᖕᒋᓂᒃ ᑐᒃᑐᑦ ᓄᕋᖅᑖᓵᖅᓯᒪᔪᓂᒃ ᐱᓗᐊᖅᑐᒥᒃ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑦᑑᕙᖕᒪᑕ ᖃᓄᐃᓕᐅᓕᖅᓯᒪᓂᐅᔪᓂᑦ.

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᑕᐃᒪᓗ ᐅᖃᖅᓯᒪᓕᓚᐅᕐᒥᔪᑦ ᑐᒃᑐᑦ ᐃᖏᕋᓂᕐᒥᖕᓂ ᐊᖅᑯᑎᒋᕙᒃᑕᖕᒋᑦ "ᐊᑐᖅᑕᐅᕙᖕᒪᑕ ᑐᒃᑐᓂᑦ ᐅᐊᔭᕐᕕᐅᕙᒃᓗᑎᒃ ᐱᒻᒪᕆᐅᑎᐅᑉᓗᑎᒃ ᐊᕙᑎᒋᐅᕙᒃᑐᓂᑦ ᐊᕙᑎᒋᔭᐅᕙᒃᑐᓄᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᐸᒃᑕᒥᖕᓄᑦ" ᐃᓚᖃᕐᓗᒋᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᖃᐅᔨᒋᐊᕐᕕᐅᔪᖕᓇᖅᑐᓂᒃ ᑕᒪᒃᑭᖕᓄᑦ ᐅᐱᖕᒐᒥ ᐊᒻᒪᓗ ᐅᑭᐊᒃᓵᒥ ᐃᖏᕋᓕᕐᕕᐅᕙᒃᑐᓄᑦ, ᑭᓯᐊᓂᓗ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᑦ (NPC) ᐅᖃᖅᓯᒪᔫᔭᕐᒪᑕ ᐅᑭᐊᒃᓵᒥ ᐃᖏᕋᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᑭᓯᐊᓂ[19]. NPC-ᑯᑦ ᖃᐅᔨᒪᕐᓯᐊᖅᑑᔭᖕᒋᒻᒪᑕ ᐃᖏᕋᓕᕌᖓᑕ ᐊᖅᑯᓯᒋᔭᐅᕙᒃᑐᓄᑦ ᖃᓄᐃᑑᕙᖕᓂᖕᒋᓐᓂᒃ ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᓯᒪᓕᖅᑎᑦᓯᔭᕆᐊᖃᕐᓗᑎᒃ ᐱᔾᔪᑎᐅᓗᐊᕐᓂᖕᒋᑦ ᐃᑎᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᓄᑦ ᑐᑭᖃᖅᑎᑦᓯᓂᑦᑎᓐᓂᒃ ᑐᕌᖓᓂᖕᒋᑦ ᓄᕋᖃᓕᕐᓂᐊᓲᕐᓗᑎᒃ ᐃᖏᕋᕙᓪᓕᐊᕙᖕᓂᖕᒋᓐᓄᑦ ᐊᒻᒪ ᐃᖏᕋᓂᖃᖅᑎᓪᓗᒋᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᐱᔾᔪᑎᖃᖅᑎᓪᓗᒋᑦ ᑕᒪᐃᓐᓂᒃ ᐃᖏᕋᓂᐅᕙᖕᒥᔪᓂᒃ ᓱᕐᓗ ᐅᑭᐊᒃᓵᒥ ᐃᖏᕋᓂᓇᕙᒃᑕᖕᒋᓐᓂᒃ. ᐃᓛᓗ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᑦ (NPC) ᓇᓗᓇᐃᖅᓯᓯᒪᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᖁᓚᕈᓱᙱᖏᓐᓂᕐᒥᓐᓄᑦ ᖃᓄᖅ ᐱᔾᔪᑎᐅᓗᐊᖅᑐᓄᑦ ᐃᑎᕐᓯᒪᓕᕐᕕᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐃᖏᕋᓕᖅᑎᓪᓗᒋᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᓄᓇᙳᐊᓕᐅᖅᑕᐅᓯᒪᓂᖕᒋᓐᓄᑦ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ (KivlA) ᐅᐸᐱᕈᓯᕐᓯᐊᙱᒻᒪᑕ ᐱᔾᔪᑎᒋᐸᓗᒍ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ ᑐᕈᓯᒋᐊᕐᕕᒃᓴᕐᑯᑏᑦ ᑲᑎᖅᓱᐊᖑᓯᒪᓕᖅᑐᑦ ᑕᐃᒪᙱᓂᑦ 2012-ᒥ ᐃᓕᔭᐅᖃᑕᐅᓯᒪᓚᐅᙱᒻᒪᑕ ᓄᓇᙳᐊᓕᐅᒐᐅᓯᒪᔪᓄᑦ.

ᐊ) ᐃᒪᒃᑯᑦ ᑕᕆᐅᖑᙱᑦᑐᒃᑯᑦ ᑐᒃᑐᑦ ᐃᑳᕐᕕᒋᕙᒃᑕᖕᒋᑦ

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐃᓱᒪᓕᐅᕈᑎᕐᑲᖅᐳᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᕐᑲᓕᖅᑎᑕᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᑉᓗᒋᑦ ᐃᓗᐊᓂ 10 ᑭᓗᒦᑕᒥᒃ (km) ᑭᒡᓕᖓᑕ ᐊᕙᑎᒋᔭᖓᒍᖅᓯᒪᔪᓄᑦ ᐃᒪᒃᑯᑦ ᑕᕆᐅᖑᙱᑦᑐᒃᑯᑦ ᐃᑳᕐᕕᒋᕙᒃᑕᖕᒋᑦ ᑐᒃᑐᑦ "ᐊᔾᔨᒌᙱᓐᓂᕐᑲᕐᓂᖕᒋᑦᑕ ᐊᔾᔨᒌᙱᑦᑑᑉᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓄᑦ". ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᓱᓕ ᐃᓱᒪᓕᐅᕈᑎᕐᑲᖅᐳᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐊᕙᑖᒍᖅᓯᒪᓗᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᑉᓗᑎᒃ ᐃᒪᒃᑯᑦ ᐃᑳᕐᕕᐅᕙᒃᑐᓄᑦ ᐃᓕᔭᐅᓯᒪᓕᕆᐊᖃᕐᓂᖕᒋᑕ ᐃᓗᐊᓂ ᐅᑭᐅᓕᒫᒧᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᑭᒡᓕᖅᑲᓕᖅᑎᑕᐅᓯᔪᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ, ᐊᕙᑎᒋᔭᖓ ᐊᖏᓂᖃᖅᑑᑎᓪᓗᒍ ᐃᒻᒪᕐᑳ 1-3 ᑭᓗᒦᑕᓂᒃ (km) ᐊᕙᑎᓗᒃᑖᖓᒍᑦ ᑲᐃᕕᓪᓗᒍ ᐊᒻᒪᓗ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓂᖃᕐᓗᓂ ᐱᐅᓯᑐᖃᒃᑯᑦ ᑐᒃᑐᓕᕆᓂᕐᒥ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᓇᓗᓇᐃᓐᓂᖕᒋᑦ ᖃᓄᐃᑦᑑᓂᖕᒋᓐᓄᑦ ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖕᒋᓐᓄᑦ (IQ). ᐱᔾᔪᑎᐅᑎᓪᓗᒋᑦ ᑖᒃᑯᐊᐊᖅᑕᐅᕙᓐᓂᖕᒋᑦ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐃᒪᒃᑯᑦ ᐃᑳᕐᕕᐅᕙᒃᑐᓄᑦ, KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᕐᑲᖅᐳᑦ 10 ᑭᓗᒦᑕᒥᒃ (km) ᐊᕙᑎᓗᒃᑖᖓᒍᑦ ᑲᐃᕕᓪᓗᒍ ᐊᑐᖅᑕᐅᕙᒍᓐᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐊᕙᑎᒋᔭᖓᑦᑎᒍᑦ ᐃᓗᐊᒍᑦ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᖅ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᕐᑯᑉᓗᒋᑦ.

ᐱ) ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᑉᓕᐅᓂᖃᖅᑎᑕᐅᔪᑦ ᐊᒻᒪᓗ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ (VEC)

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒫᓗᒍᑎᖃᕐᒪᑕ ᐊᑐᓕᖅᑎᑦᓯᓯᒪᙱᓐᓂᖅ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᑦᔪᑎᓂᒃ ᐊᐅᔭᒥ ᑐᒃᑐᑦ ᓄᓕᐊᓕᕐᕕᒋᕙᒃᑕᖕᒋᓐᓄᑦ ᐊᕙᑎᐅᔪᓄᑦ ᐃᓱᒪᒃᓴᐃᙱᓗᐊᕋᓱᒋᑦᑎᓗᒋᑦ ᐊᖏᕆᔪᐊᓗᖕᒥᒃ ᖃᐅᔨᒪᓂᕆᔭᑦᑎᓐᓄᑦ ᐱᒻᒪᕆᐅᔫᓂᖕᒋᑦ ᑕᒪᒃᑯᐊ ᐊᕙᑎᐅᔪᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᕐᓇᓪᓗᖕᒋᓂᑦ ᑐᒃᑐᑦ ᐱᕈᓴᐃᑎᑦᓯᑎᓪᓗᒋᑦ ᓄᕋᕐᑯᑎᒋᔭᒥᖕᓂᒃ ᐊᒻᒪ ᑎᒥᒥᒃᑎᒍᑦ

[19] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ ᒪᒃᐱᕋᖓ 112

ᐱᓯᒪᓕᕐᕕᒋᕙᒃᑕᖕᒋᓐᓄᑦ ᖃᓄᐃᙱᑦᓯᐊᕐᓂᕆᔭᒥᖕᓄᑦ ᐅᑎᖅᓯᒪᓕᕈᑎᒋᕙᒃᓱᒋᑦ[20]. KivlA-ᑯᑦ ᐃᓱᒫᓗᒍᑎᖃᕐᒥᔪᑦ ᐊᑐᕐᓂᖃᕋᓗᐊᕆᐊᖕᒋᑦᑕ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐊᐅᓚᑦᓯᓂᕆᔭᐅᔪᑦ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ (VEC) ᐊᔭᑎᒋᔭᐅᔪᑦ ᐃᓗᐊᓐᓂ ᖃᐅᔨᒋᐊᖅᐸᓐᓂᕐᓄᑦ ᐊᒃᑐᐃᓯᒪᓂᕆᔭᒥᖕᓄᑦ ᑐᒃᑐᓂᒃ. ᐃᒪᓐᓇᖕᒫᕐᓕ, KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᖅᐳᑦ ᐊᐅᔭᒥᑦ ᑐᒃᑐᑦ ᓄᓕᐊᓕᖅᑎᓪᓗᒋᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᑦ ᐊᕙᑎᒋᖕᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᖕᒫᖅᓯᒪᓕᕐᑯᑉᓗᒋᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᑉᓕᐅᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ. ᐃᓛᓗ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᑉᓕᐅᓂᖃᖅᑎᑕᐅᑉᓗᑎᒃ ᓄᓇᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐃᑲᔪᖅᑐᐃᓯᒪᔭᕆᐊᖃᕋᓗᐊᖅᑎᓪᓗᒋᑦ ᐊᑦᔨᒌᙱᐅᖅᑐᑎᒍᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓂᒃ, ᐱᑕᖃᖅᑎᑕᐅᙱᒻᒪᑕ ᐊᑐᖅᑕᐅᑦᑕᐃᓕᔭᕆᐊᖃᖅᑎᑦᓯᑦᔪᑎᓂᒃ ᐅᕝᕙᓘᓐᓃᑦ ᒪᓕᒋᐊᖃᒐᐅᔪᖅᑕᖃᙱᒻᒪᑕ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᖕᒪᑕ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᓗᓇᐃᔭᑦᓯᐊᖅᓯᒪᔪᑎᒍᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᒧᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᖃᓄᖅ ᐊᐅᓚᑦᓯᓂᖃᖃᕐᕕᐅᓂᐊᕐᓂᖕᒋᓐᓄᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᑉᓗᒋᑦ ᐊᐅᔭᒥᑦ ᑐᒃᑐᑦ ᓄᓕᐊᕐᕕᒋᕙᒃᑕᖕᒋᑕ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ ᒥᑭᒡᓕᒋᐊᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᑐᒃᑐᓄᑦ ᐸᕝᕕᒫᕈᑎᐅᓯᒪᓕᖅᐸᒃᑐᑦ ᐊᒻᒪᓗ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᓂᕿᒋᔭᒃᓴᒥᖕᓂᒃ ᕿᓂᕈᓘᔭᓕᖅᑎᓪᓗᒋᑦ. ᐅᑭᐅᖑᑎᓪᓗᒍ ᓄᓇᑦ ᐊᕙᑎᖕᒋᑦ ᓇᔪᒐᐅᕙᒃᑐᑦ ᐊᖕᒋᓂᖅᐸᐅᕙᖕᒪᑕ ᐊᒻᒪᓗ ᐅᑭᐅᑕᒫᑦ ᖃᐅᔨᒪᓇᓕᖅᓯᒪᕙᖕᓇᑎᒃ ᓇᓃᓐᓂᐊᕐᓂᖕᒋᓐᓄᑦ ᑐᒃᑐᑦ. ᐃᓱᒪᒋᓗᒋᑦ ᐅᑉᓗᑦ ᖃᐅᒪᕐᓯᐊᖅᐸᖕᓂᖕᒋᑦ ᓇᐃᑦᑑᕙᖕᓂᖕᒋᑕ ᐊᒻᒪᓗ ᐱᖅᓯᓗᐊᕋᔪᒃᑑᕙᖕᓂᖕᒐᑕ ᓯᓚᐅᑉ, ᑐᒃᑐᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᑦ ᐊᒃᑐᒐᐅᓯᒪᓕᖅᐸᒐᔭᕐᓂᖕᒋᑦ ᒥᑭᑦᑑᔪᓐᓇᖅᐳᑦ ᐊᒻᒪᓗ ᐊᓯᖕᒋᓂᑦ ᓄᓇᒥᒃ ᐊᑐᕐᓂᕐᒥ ᐱᓕᕆᓂᐅᕙᒃᑐᓂᑦ. KivlA-ᑯᑦ ᓈᒻᒪᒍᓱᒃᐳᑦ ᑖᒃᑯᐊ VEC-ᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᐅᔪᑦ ᐅᑭᐅᖑᑎᓪᓗᒍ ᓄᓇᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᓈᒻᒪᒃᑑᓂᐊᕐᓂᖕᒋᓐᓂᒃ.

>) ᐱᓕᕆᔾᔪᑎᒋᔭᐅᕙᖕᓂᖕᒋᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᖅ

ᓯᕗᓂᐊᓂ ᑖᑉᑯᐊ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖃᓚᐅᕐᒪᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᕐᑯᔨᑉᓗᑎᒃ ᑕᒪᐃᓐᓄᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ, ᐱᑦᔪᑎᒋᑉᓗᒍ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᖅ ᐃᓚᖃᕐᑎᑕᐅᖕᒪᑕ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐋᖅᑭᒋᐊᖅᑕᐅᔪᖕᓇᕐᓂᖕᒋᓐᓂᒃ, ᑕᐃᒪᓗ ᐊᑐᓕᖅᑎᑕᐅᕙᒍᖕᓇᕐᓗᑎᒃ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᓂᓗᒃᑖᖕᒐᓂ. KivlA-ᑯᑦ ᓂᕆᐅᖕᓂᖃᕐᕕᒋᖕᒪᑦᑐᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᒃᓴᑦ ᐊᑐᓕᖅᑎᑕᐅᓂᐊᕐᓂᖕᒋᑕ ᒪᓕᒐᐅᔭᕆᐊᖃᓕᖅᑎᑦᓯᓗᑎᒃ ᐅᔭᕋᖕᓂᐊᖅᑎᒃᑯᑦ ᖃᓂᓕᖅᓯᒪᑉᓗᑎᒃ ᐱᓕᕆᓂᖃᕈᒪᓂᖕᒋᓐᓄᑦ ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓗᑎᒃ ᒪᓕᒐᕐᑯᑎᓕᕆᓂᕐᒧᑦ ᐱᔪᖕᓇᐅᑎᖃᖅᑎᓂᑦ ᑲᒪᔨᖃᕐᓂᐊᕐᓗᑎᒃ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᒋᔭᖃᕐᒪᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᑦ ᐱᓕᕆᐊᖃᕈᑎᐅᔪᖕᓇᕐᓂᖕᒋᑕ ᐊᓯᑦᔨᕆᖅᑎᑕᐅᔪᖕᓇᕐᓗᑎᒃ ᒥᐊᓂᖅᓯᓂᐅᓕᕋᔭᖅᑐᓄᑦ ᑭᐅᔪᑎᐅᔪᖕᓇᕐᓗᑎᒃ ᐅᑭᐅᑕᒫᑦ ᐊᓯᔾᔨᖅᓯᒪᓕᖅᐸᖕᓂᖕᒋᑕ ᑐᒃᑐᑦ ᓯᐊᒻᒪᒃᓯᑎᕋᖅᒪᓕᖅᐸᖕᓂᖕᒋᓐᓄᑦᒪ ᐃᒪᓐᓇ ᓱᕐᓗ ᑭᐳᒍᑎᒋᓗᒋᑦ ᒥᐊᓂᖅᓯᓂᐅᔪᓄᑦ ᑐᒃᑐᓂᒃ ᐊᖕᒋᔫᑉᓗᓂ ᓄᓇᑉ ᐊᕙᑎᒋᔭᖕᒐᓃᑦᑐᓂᒃ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᐅᔪᒥᒃ ᐊᑐᖅᑕᐅᓕᖅᐸᒃᑐᓄᑦ ᓇᓕᑐᐃᓐᓇᖕᒋᓂ ᐊᑕᐅᓯᕐᒧᑦ ᐅᑭᐅᒧᑦ, ᐊᒻᒪᓗ ᐊᖕᒋᓂᖅᓴᐅᒥᒃ ᐱᓕᕆᓂᖃᕈᖕᓇᓕᕐᓗᑎᒃ ᒥᐊᓂᕆᔭᐅᓕᖅᓯᒪᓂᐊᕐᓂᖕᒋᓐᓄᑦ ᑐᒃᑐᑦ ᒥᑭᓂᖅᓴᐅᔪᒥ ᓄᓇᑉ ᐊᕙᑎᒋᔭᖕᒐᓃᑦᑐᓂᒃ (ᓱᕐᓗ ᐅᔭᕋᖕᓂᐊᖅᑎᑦ ᕿᓂᕐᓂᖃᓕᖅᓯᒪᑎᓪᓗᒋᑦ) ᑭᓯᐊᓂᓗ ᑭᐅᔪᖕᓇᕐᓂᐅᔪᑦ ᐊᖕᒋᓂᖅᓴᐅᑎᑕᐅᓗᑎᒃ ᐊᓯᑦᔨᖅᓯᒪᓕᕐᓂᐅᔪᓄᑦ ᑐᒃᑐᑦ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᖕᒋᓐᓄᑦ.. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐱᑕᖃᓇᐊᖃᖅᑎᑦᓯᓯᒪᕗᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᖅ ᐱᓕᕆᓂᖃᕐᕕᖕᓂᒃ ᐊᑐᖅᑐᐊᕐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓄᓇᓂᒃ ᐊᑐᕈᖕᓇᐅᑎᓂᒃ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓐᓂ (IOL) ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ ᐃᓗᐊᓂ.

[20] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᓗᑎᒃ ᐃᓚᖕᒋᑦ 2.2.2

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐅᔾᔨᕈᓯᖕᒪᑕ ᓯᕗᒻᒧᑦᑎᐊᖅᑎᑕᐅᓯᒪᓂᖕᒋᑕ 2021-ᒥ ᑐᙵᕝᕕᖕᒋᐊᖅᑎᒃᓴᓂᒃ ᐋᖅᑭᒃᓱᐃᓂᐅᔪᑦ ᓄᓇᑦᓯᐊᕐᒥ (NWT) ᕿᖓᐅᑦ ᐊᕙᑎᒋᔭᖓᓄᑦ ᐸᕐᓇᐅᑎᓄᑦ ᑭᐅᔾᔪᑎᐅᑉᐳᑎᒃ ᓈᒻᒪᒃᓴᙱᓐᓂᐅᓚᐅᖅᑐᓄᑦ ᐊᓯᑦᔨᕆᐊᖅᑎᑕᐅᔪᓐᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᓄᑦ[21]. ᑐᙵᕝᕕᖕᒋᐅᔪᑦ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᕐᒧ ᑐᑭᒧᐊᒍᑎᒃᓴᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᖕᒪᑕ ᐱᓕᕆᓂᐅᕙᖕᓂᐊᖅᑐᓂᒃ ᐃᑲᔪᖅᑎᒌᒃᓗᑎᒃ ᐱᓕᕆᖃᑎᒌᖕᓂᐅᓇᔭᖅᑐᓄᑦ ᒐᕙᒪᒃᑯᓐᓂᑦ ᐊᒻᒪᓗ ᓴᓇᕝᕕᐅᔪᓂᑦ ᐱᑦᔪᑎᖃᖅᑎᐅᑉᐳᑎᒃ ᓄᓇᑦᓯᐊᕐᒧᑦ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᐅᔭᕋᖕᓂᐊᖅᑎᓕᕆᔨᒃᑯᓐᓄᑦ (ᑰ. ᑲᓛᒃ, ᐊᕙᑎᓕᕆᓂᖅ ᐊᒻᒪᓗ ᓄᓇᒥᙵᖅᑐᓕᕆᔨᒃᑯᑦ ᓇᖕᒥᓂᖅ ᐅᖃᐅᓯᕆᓯᒪᔭᖕᒋᑦ). ᓄᓇᑦᓯᐊᕐᒥ, ᐊᓯᑦᔨᕆᐊᖅᑎᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓂᐊᖅᐳᑦ ᐊᑐᕐᓗᒋᑦ ᒪᓕᒐᕐᑯᑎᓄᑦ-ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓗᑎᒃ ᐱᓕᕆᓂᖅᑲᕐᓗᑎᒃ, ᓇᐅᑦᓯᖅᑐᐃᕙᖕᓂᖅ ᐱᓗᐊᖅᑐᒥᒃ ᖁᑦᓯᖕᓂᖕᒐᓂᑦ ᓄᓇᐅᑉ ᐊᒻᒪᓗ ᐊᓯᖕᒋᓂᑦ ᓄᓇᒦᑦᓗᑎᒃ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᖁᑦᓗᒋᑦ ᖃᖓᑕᓲᓂᒃ ᐱᓕᕆᔾᔪᑎᖃᖅᐸᖕᓂᐅᔪᑦ. ᐃᓛᓗ ᓄᓇᑦᓯᐊᕐᒥ ᒐᕙᒪᖕᒐᑦ ᐊᖏᔪᒥᒃ ᐃᓚᐅᖃᑕᐅᓯᒪᒐᓗᐊᖁᓗᑎᒃ ᐋᖅᑭᒃᓱᐃᓂᕐᒥ ᐱᓕᕆᖑᓂᐊᖅᑐᒧᑦ ᐊᒻᒪᓗ ᑕᖃᖅᑎᑦᓯᔨᐅᓂᐊᖁᓂᕐᒧᑦ ᓄᓇᙱᐊᓕᐅᖅᐸᓪᓕᐊᓂᖅᓂᒃ ᐊᒻᒪᓗ ᑮᓇᐅᔭᓂᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᔨᓄᑦ, ᐊᖕᒋᓂᖅᓴᐅᔪᑦ ᐊᑐᓕᖅᑎᑕᐅᔾᔪᑎᒃᓴᓄᑦ ᐊᑭᖕᒋᑦ ᐱᔭᐅᓯᒪᓂᐊᖅᐳᑦ ᓴᓇᕝᕕᖕᓂᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐅᔾᔨᕈᓯᖕᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖕᒋᑦ KivlA (NPC) ᐋᖅᑮᓯᒪᓕᐊᓂᖕᓂᖕᒋᑕ ᓯᕗᓪᓕᖅᐸᐅᓗᑎᒃ ᐱᓕᕆᐊᖃᖅᑎᐅᓂᐊᖅᓂᖕᒋᑕ ᐱᓕᕆᔪᖕᓇᐅᑎᓂᒃ ᐱᓯᒪᓕᐊᓂᒃᑐᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᕐᓄᑦ ᐊᐅᓚᑦᓯᓂᐅᔪᓂ ᐱᔾᔪᑎᒋᐸᓗᒍ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖕᒋᑕ ᐱᓕᕆᐊᖃᖅᑎᐅᓂᖕᒋᓐᓂᒃ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᐸᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑎᒍᑦ (VEC) ᓇᐅᑦᓯᖅᑐᐃᔨᐅᕙᖕᓂᕐᓄᑦ ᐊᔾᔨᕐᓚᒋᔭᐅᐸᓗᑎᒃ, ᐊᖕᒋᓂᖅᓴᐅᔪᒥᒃ, ᐱᓕᕆᔪᓐᓇᐅᑎᓂᒃ ᐱᓯᒪᓕᐊᓂᒃᑐᓂᑦ ᐱᓕᕆᐊᖃᖅᑎᐅᐸᓗᑎᒃ ᐊᓯᑦᔨᕆᐊᖅᑎᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᓂᒃ. NPC-ᑯᑦ ᑕᒻᒫᔭᖕᒋᓪᓗᑎᒃ ᐅᑦᔨᕈᓯᓚᐅᕐᒪᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᑦ ᐊᑐᖅᑕᐅᒋᐊᖕᒋᑕ ᓈᒻᒪᖕᓂᖅᓴᐅᓇᔭᕐᓂᖕᒋᑕ ᐅᔭᕋᖕᓂᐊᖅᑎᒃᑯᑦ ᕿᓂᓕᕐᐸᓪᓕᐊᐸᓗᑎᒃ ᐱᓕᕆᓂᕆᔭᖕᒋᓐᓄᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᓴᓇᓂᕐᒧᖕᒐᖕᖕᒋᑦᑐᖅ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᐅᓕᖅᑐᓄᖕᒐᖕᖕᒋᑦᑐᖅ. ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒥ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖃᕐᓂᐅᔪᓂᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᑐᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᓂᐅᔪᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐱᓕᕆᐊᖑᓯᒪᖕᒪᑕ ᓄᓇᕗᒻᒥ ᐱᕙᓪᓕᐊᑎᑦᓯᔪᒪᔪᖃᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᖅᑎᐅᔪᑦ ᑲᑎᒪᔨᖕᒋᑕ (NIRB) ᐱᓕᕆᔾᔪᓯᐅᕙᒋᐊᓕᕐᑯᑎᖕᒋᑎᒍᑦ ᐊᒻᒪᓗ ᐃᓚᐅᐸᓗᑎᒃ ᑲᔪᒌᓇᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᓯᑦᔨᕆᐊᖅᑎᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᓄᑦ ᐊᑐᖅᐸᖕᒥᔪᓂᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᓂᒃ ᐱᓕᕆᓂᖃᓕᖅᑎᑦᓯᒋᐊᕈᑎᒋᐸᓗᒋᑦ ᖁᑦᑎᖕᓂᕆᔭᐅᓇᓱᒋᔭᐅᔪᓄᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕐᓂᕐᓄᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᓂᕐᒥ.

ᐅᖃᖅᑕᐅᓯᒪᔪᓂᒃ ᖃᐅᔾᔨᒪᓪᓕᕆᖕᒋᓐᓂᕐᒥᒃ ᖃᓄᖅ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓃᑦ ᐊᑐᓕᖅᑎᑕᐅᓂᐊᕐᒪᖕᒐᑕ ("ᐊᔪᕐᓇᕐᒪᑦ ᑐᑭᒧᐊᒃᑎᑦᓯᔭᕆᐊᒥᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕈᑕᐅᓯᒪᔪᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᐸᓗᒋᑦ ᒪᓕᒋᐊᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐱᓕᕆᐊᐸ ᑲᔪᓯᑎᑕᐅᓯᒪᓂᖕᒐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᖃᓄᓕᐅᕆᐊᖃᖅᑎᑕᐅᓯᒪᓂᐅᔪᑦ ᑐᓂᔭᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᒪᓕᒐᓕᕆᓂᕐᒥ ᐱᔪᖕᓇᐅᑎᖃᖅᑐᓂᑦ ᐃᖕᒥᖕᓂᒃ ᐊᑐᓕᖅᑎᑦᓯᔾᔨᐅᓂᐊᕐᓗᑎᒃ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᔨᐅᓂᐊᕐᓗᑎᒃ"; 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᐸᓗᑎᒃ, ᒪᒃᐱᕋᖕᒐ 61), 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐅᖃᐅᓯᖃᓕᖅᑕᐃᓕᓯᒪᖕᒪᑕ ᐃᓱᒪᓕᐅᕈᑎᓕᖅᓯᒪᓕᕆᐊᒧᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓕᓂᖅᓯᓂᐅᔪᒃᓴᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᐸᓗᒋᑦ ᐃᓗᐊᒎᖅᑎᑕᐅᓗᑎᒃ DNLUP-ᕐᑯᑎᓂ. ᑭᓯᐊᓂᓗ, ᐅᑭᐅᐸ ᐊᑐᖅᐸᓪᓕᐊᓂᕆᕙᑕᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᖕᒋᑦᑐᓄᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᕐᑲᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᕐᑲᖅᑎᑕᐅᐸᓗᑎᒃ, ᑖᒃᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ

[21] ᓄᓇᑦᓯᐊᕐᒥ ᒐᕙᒪᖕᒐᑦ (GNWT)

ᓄᓇᕗᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐃᓕᑕᖅᓯᓯᒪᕗᑦ "ᑖᑉᑯᐊ ᖃᓄᐃᓕᖓᓕᕐᓂᐅᓯᒪᔪᑦ ᐱᓕᕆᐊᖑᓕᕈᑎᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ CPM-ᕐᑯᑎᓄᑦ ᓈᒻᒪᖕᓂᖅᓴᐅᑐᐃᓐᓇᕆᐊᖃᕐᒪᑕ. ᑕᒪᒃᑯᐊ ᒥᐊᓂᖅᓯᓂᐅᓕᖅᑐᑦ ᐊᐅᓚᑕᐅᓇᔭᖕᒋᑦᑐᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓇᔭᖕᒋᑦᑐᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᓐᓂᑦ (NPC), ᑭᓯᐊᓂᓕ ᐱᓕᕆᐊᖑᓇᔭᕐᒪᑕ ᒪᓕᒐᓕᕆᓂᕐᒧᑦ ᐱᔪᖕᓇᐅᑎᖃᖅᑎᓂᑦ" (ᓱᕐᓗ2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐧᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐃᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐧᑎᒃ, ᒪᒃᐱᕋᖕᒐ 110). ᐅᐃᒍᖕᒋᑦ 1 ᐃᓕᔭᐅᖃᑕᐅᓯᒪᔪᑦ ᑖᑉᑯᓄᖕᒐ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓄᑦ ᓇᓗᓇᐃᔭᐃᒋᐊᒃᑲᓐᓂᖅᓯᒪᕗᑦ ᐱᓕᕆᔾᔪᑎᐅᕙᒃᑐᓂᒃ ᐊᑐᓕᖅᑎᑦᓯᓂᐊᕐᓂᕐᒥ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᓄᑦ ᓄᓇᕗᒻᒥ. .

<) ᐅᖃᐅᓯᒃᓴᑦ ᓇᓗᓇᐃᔭᐃᓂᕐᒧᑦ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᕆᕙᒃᑕᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᓄᓇᙱᐊᓕᐅᕐᓂᕐᒧᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᓂᖕᒐᓄᑦ ᓇᓗᓇᐃᔭᐃᓂᕐᒧᑦ

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑕᒪᔨᖕᒋᑕ (NPC) ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 02-ᒧᑦ (ᓄᕐᕋᕐᑲᕐᕕᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᓄᕐᕋᕐᑲᓕᖅᑎᓪᓗᒋᑦ ᐊᕙᑎᒋᔭᐅᖕᒋᑦ [ᐊᒻᒪᓗ ᐃᒻᒪᕐᑳ ᐱᔾᔪᑎᐅᓗᐊᕐᓂᖕᒋᑦ ᐃᑎᕐᕕᐅᔪᓐᓇᖅᑐᓄᑦ ᐊᖅᑯᑎᒋᕙᐅᕙᒃᑐᓄᑦ] ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᐅᑉᐧᓗᓇᔭᐅᑎᑕᐅᓂᖕᒋᓐᓄᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐊᑐᖅᑕᐅᓂᖕᒋᑦ ᖃᐅᔨᒋᐊᕈᑎᐅᓪᓗᑎᒃ 2021-ᒥ 2021 DNLUP-ᓂ) ᐱᔭᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᑭᓯᐊᓂᓗ ᐊᕐᔨᒋᔭᐅᓇᑎᒃ ᓇᒋ (Nagy) ᖃᐅᔨᒋᐊᕐᓂᕐᒥᓂ ᑎᑎᕋᖅᓯᒪᔪᕐᑯᑎᖕᒋᓐᓄᑦ (2011-ᒥ)[22] ᑐᙵᕝᕕᒋᑉᐧᓗᓂᒋᑦ 1993-2010-ᒥ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓂᖕᒋᓐᓂᑦ ᑐᒃᓯᒋᐊᕐᕕᒃᓴᕐᑯᑏᑦ. ᐃᓱᒫᓗᒍᑎᕐᑲᕐᕕᐅᖕᒪᑦ ᐱᔾᔪᑎᒋᑉᐧᓗᒍ ᑕᐃᒪᖕᒐᓂᑦ 2011-ᒥᑦ ᑐᒃᑐᑦ ᖃᒥᓲᓂᓇᔭᖕᒋᑦ ᐊᓯᑦᔨᖅᓯᒪᓕᕐᓂᖕᒋᑕ (ᐊᒥᓲᔪᖕᓃᖅᐸᓪᓕᐊᓕᕐᓂᖕᒋᑦ) ᐊᒻᒪᓗ ᐊᒥᓱᑦ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓄᓇᑦ ᐊᕙᑎᒋᕙᒃᑕᖕᒋᓂ ᑐᒃᑐᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᓯᔾᔨᕆᐊᖅᓯᒪᓕᕐᓂᖕᒋᑕ (ᐱᓕᕆᔪᓐᓇᐅᑎᑎᒍ ᐱᓕᕆᕝᕕᐅᒐᔪᒃᑑᐧᓗᑎᒃ), ᑕᐃᒪᓗ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᕙᖕᓂᖕᒋᓂ ᐅᑉᐧᓗᓇᔭᐅᕙᒃᑐᑦ ᐊᓯᔾᔨᕆᐊᖅᓯᒪᓕᖅᐸᖕᒪᑕ. ᐅᑉᐧᓗᓇᔭᐅᔪᑦ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᐊᑐᖅᑕᐅᓂᖕᒋᑦ ᓇᓗᓇᐃᖅᓯᑦᔪᑎᐅᕙᒃᑐᑎᒃ ᖃᖕᒐ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᕙᖕᓂᖕᒋᓐᓄᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᒃᑲᓐᓂᓇᐊᖃᕐᒪᑕ, ᕿᒥᕐᕈᔭᐅᒃᑲᓐᓂᖅᐸᒡᓗᑎᒃ ᐊᒻᒪᓗ ᐱᓕᕆᔾᓯᐅᓕᖅᑐᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᓕᖅᐸᒃᓗᑎᒃ, ᐱᓕᕆᐊᖑᔭᕆᐊᖃᖅᐸᑕ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᑲᑐᔾᔨᖃᑎᒌᒃᓗᑎᒃ ᐱᓕᕆᐊᒃᓴᓂᒃ ᐱᓕᕆᐊᖃᖃᑕᐅᔪᖕᓇᕐᓂᕐᒥᖕᓂᒃ ᖃᐅᔨᒋᐊᕐᓂᐅᕙᒃᑐᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᕗᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᖃᖅᓗᑎᒃ ᓯᕗᖕᒐᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐧᑎᒃ ᓄᓇᕗᑦ ᓄᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑏᑦ ᓈᒻᒪᒋᔭᐅᓯᒪᓕᕐᓂᒃᓴᖕᒋᑕ, ᑕᒪᓐᓇ ᑲᑐᔭᐅᑉᐧᓗᓂ ᐱᓕᕆᓂᐅᓇᔭᖅᑐᑦ ᐱᔭᕇᖅᑕᐅᓯᒪᑎᑕᐅᓪᓚᕆᖅᑯᑉᐧᓗᒍ. KivlA-ᑯᑦ ᐅᑦᔨᕈᓱᖕᒪᑕ ᐋᖅᑭᒃᓱᖅᑕᐅᕙᒋᖅᓯᒪᔪᓂᒃ ᐱᑕᖃᓕᕈᖕᓇᕐᓂᖕᒐᑕ ᐊᑐᖅᑕᐅᓇᔭᖅᑐᓂᒃ ᖃᓄᐃᑦᑐᑎᒍᑦ ᖃᐅᔨᒋᐊᕐᓂᐅᓗᑎᒃ ᐱᓕᕆᐊᖑᔭᕆᐊᖃᕐᓂᐊᖅᑐᓂᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᓲᓚᐅᖅᑐᓄᑦ ᐱᔭᐅᓯᒪᓕᕐᓗᑎᒃ ᕿᖕᒐᐅᑦ ᐊᒥᕋᕐᑯᑎᖕᒋᓂᒃ ᖃᐅᔨᒋᐊᕐᓂᐅᓚᐅᖅᑐᓄᑦ[23] ᓇᓗᓇᐃᖅᓯᒪᓕᕈᑎᐅᑉᐧᓗᑎᒃ ᖃᓄᑎᒋ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓄᓇᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᓇᔪᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᓯᑦᔨᖅᓯᒪᓕᕐᓂᖕᒋᓐᓄᑦ. ᓱᕐᓗ, ᕿᖕᒐᐅᑦ ᑐᒃᑐᑦ ᐊᕐᓇᓪᓗᖕᒋᑦ ᓄᕐᕋᕐᑲᕐᕕᖕᓄᑦ ᑎᑭᓯᒪᓕᓚᐅᕐᒪᑕ ᓄᕐᕋᕐᑲᕐᕕᒋᕙᒃᑕᒥᖕᓄᑦ ᓄᓇᓄᑦ 8 ᐅᑉᐧᓗᐃᑦ ᓯᕗᓂᐊᓂ ᑎᑭᓯᒪᓕᕐᕕᒋᕙᒃᑕᒥᖕᓂᑦ ᐊᒻᒪ 13-ᑲᓐᓂᕐᓂᒃ ᐃᑉᐧᓗᓂᒃ ᓄᕐᕋᕐᑲᓕᕐᓗᑎᒃ ᓄᓇᓂ ᓇᔪᖅᐸᒃᑕᒥᖕᓂ ᐃᑦᓱᖕᓇᓕᓚᐅᕐᒪᑕ ᐅᑭᐅᓇᓕᖅᑕᖕᒐᓄᑦ 2019-ᒥ ᐃᓱᒪᒋᓗᒍ ᖃᓄᐃᓐᓂᐅᓚᐅᖅᑐᓄᑦ 1997 ᐅᑭᐅᖕᒐᓂ.

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[22] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐧᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐧᓗᑎᒃ ᒪᒃᐱᕋᖕᒐ 36

[23] ᒥᓐᓄᑦ, ᐊᕐ. 2021. ᖃᖕᒐ ᓇᔪᖅᑕᐅᕙᖕᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᓕᖅᓯᒪᔪᑦ ᓄᓇᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᕿᖕᒐᐅᑦ ᑐᒃᑐᖕᒋᓐᓄᑦ ᐊᒥᓲᓂᖕᒋᑦ ᒥᑭᒡᓕᕙᓪᓕᐊᓯᒪᓕᖅᑎᓪᓗᒋᑦ, 1997-2019. MS-ᓄᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐅᒐᐅᓯᒪᔪᑦ, ᑯᐃᓐᔅ ᓯᓚᑦᑐᖅᓴᖅᕕᖕᒐᓂ, ᑭᖕᔅᑕᓐ, ᐋᓐᑎᐊᕆᐅᒥ.

ᓄᓇᙵᐊᓕᐅᖅᑕᐅᓂᖕᒋᑦ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ ᖁᑦᑎᖕᓂᕆᔭᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖅᑲᓚᐅᕐᒪᑕ ᕿᑎᖅᐸᓯᐊᓃᓐᓂᖕᒋᓐᓄᑦ ᖁᑦᑎᖕᓂᕆᔭᖕᒋᑦ ᑐᙵᕝᕕᒋᐸᓗᒋᑦ 2021-ᒥᒃ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP), ᓇᕐᖓᕐᓇᖅᐳᕐᓗ ᖁᑦᑎᒃᓯᓯᒪᓂᖕᒋᑦ ᐃᓱᒪᒋᐸᓗᒋᑦ ᐊᑦᔨᒌᙱᐅᖅᑐᓂᒃ ᐃᓱᒪᓂᕆᔭᐅᓯᒪᔪᑦ ᐱᑦᔪᑎᒋᐸᓗᒋᑦ ᖃᓄᖅ ᐊᑯᓂᐅᑎᒋᓂᖕᒋᑦ ᐊᒻᒪᓗ ᖃᓄᖅ ᓄᓇᙵᐊᓕᐅᖅᐸᖕᓂᕐᓄᑦ ᑭᒡᓕᖅᑲᓕᕐᕕᐅᓯᒪᔪᓂᒃ[24]. ᖃᓄᖅ ᓄᓇᙵᐊᓕᐅᖅᐸᖕᓂᖅ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ ᐊᖏᔪᒥᒃ ᐱᑦᔪᑎᐅᖅᑕᐅᓯᒪᖕᒪᑕ ᐊᔾᔨᒌᙱᓐᓂᐅᓕᖅᑐᓄᑦ ᑐᕋᖕᒐᐸᓗᑎᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᓄᑦ ᓄᕐᕋᖅᑲᕐᕕᐅᔪᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ. ᑐᑭᓯᓂᕐᓗᒍᑕᐅᓯᒪᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᓕᕐᕕᐅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᐅᑭᐅᑦ ᐊᒥᓱᕐᓚᐅᔪᓂ ᐊᑦᔨᒌᙱᓐᓂᖅᑲᕐᕕᐅᕙᒃᑐᓄᑦ, ᐱᓗᐊᖅᑐᒥᒃ ᖃᓄᖅ ᑕᐅᑦᑐᖅᑲᓕᖅᐸᖕᓂᖕᒋᑕ ᐅᑭᐅᑕᒫᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᐅᕙᒃᑐᓄᑦ, ᐊᔪᕐᓇᓕᕈᑎᐅᓯᒪᖕᒪᑕ ᐱᓕᕆᓂᐅᓇᓱᒃᑐᓄᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᕐᑯᐸᓗᒋᑦ ᑐᒃᑐᓄᑦ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ ᐊᒥᓲᓕᖅᑐᓄᑦ ᐅᑭᐅᓄᑦ, ᐊᒻᒪᓗ 2021-ᒥᒃ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᓂᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᓱᓕ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᔪᓂᒃ ᐋᖅᑮᓯᒪᓕᖅᑎᑦᓯᙱᒻᒪᑕ. ᑐᒃᑐᑦ ᓄᕐᕋᖅᑲᕐᕕᒋᕙᒃᑕᖕᒋᓐᓄᑦ ᐊᕙᑎᐅᔪᓂᒃ ᐅᑭᐅᑕᒫᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᐃᖕᒋᕋᓂᖅᑲᕋᔪᓕᖅᐸᖕᒪᑕ ᐊᖕᒋᓂᖅᓴᐅᐸᓗᑎᒃ ᑭᒡᓕᖅᑲᓕᕐᕕᐅᓯᒪᔪᑦ ᐊᕙᑎᖕᒋᑕ ᐃᓗᐊᒍᑦ ᐅᑭᐅᑦ ᐊᖅᐸᓪᓕᐊᑎᓪᓗᒋᑦ, ᑕᒪᕐᒥᒃᓗ ᐊᕙᑎᒋᔭᐅᔪᐃᑦ ᐃᓗᐊᓃᑦᑐᑦ ᑖᒃᑯᓇᓂ ᐊᖕᒋᓂᖅᓴᐅᐸᓗᑎᒃ ᑕᐃᒪᙱᓂᑦ ᐊᑐᖅᑕᐅᖅᑲᑦᑕᖅᓯᒪᔪᓄᑦ ᓇᔪᖅᑕᐅᖕᒋᓐᓇᖅᐸᒐᑎᒃ ᓄᕐᕋᖅᓴᓕᐅᖅᑐᓂᑦ ᐊᕐᓇᓪᓗᕐᓂᑦ ᓇᓕᑐᐃᓐᓇᖕᒋᓂ ᐅᑭᐅᓂ. ᒫᓐᓇᓵᖅ ᑐᓴᒐᒃᓴᐅᓕᖅᑐᑦ ᐊᑐᖅᑕᐅᐸᓗᑎᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ ᖃᐅᔨᒋᐊᕐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᓄᑕᐅᓂᖅᓴᐅᐸᓗᑎᒃ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᓲᕐᓗ ᖃᓄᖅ ᐅᑭᐅᖃᕐᓂᖕᒋᓐᓂᒃ ᓇᒡᔪᖕᒋᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᖃᖅᓱᑎᒃ ᐃᑲᔪᖅᑐᐃᔾᔪᑎᐅᓯᒪᖕᒪᑕ ᑕᐃᒪᓐᓇᐃᖕᒋᓐᓇᐅᔭᕐᓂᖕᒋᓄᑦ ᐊᒻᒪᓗ ᐊᑯᓐᖅᑐᒧᑦ ᑕᐃᒪᙱᓂᑦ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᓄᑦ ᑐᕌᖓᔪᓂᒃ[25,26].

ᓇᐅᒃᑯᑦ ᓯᕗᒻᒧᒋᐊᕈᑎᒃᓴᖅᑲᓕᕈᑎᒋᓂᐊᕐᓗᒋᑦ, ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᐆᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᐃᓚᖅᑲᖅᑎᑦᓯᒃᐸᑦ ᓈᒻᒪᒐᔭᕐᑐᖅ ᓄᓇᙵᐊᓂᒃ ᑕᐃᒪᙱᓂᑐᖅᑲᖅ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ, ᑎᑎᕋᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᒃ ᐊᑐᖅᓱᒋᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓂᖕᒋᓐᓂᑦ ᑐᒃᑐᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᕐᑐᖅᑲᖕᒋᑦ (IQ). ᑕᐃᒪᙱᓂᑐᖅᑲᒥᑦ ᖃᓄᐃᓕᖓᕙᖕᓂᖓ ᓇᓗᓇᐃᖅᓯᓯᒪᖕᒪᑦ ᖃᓄᖅ ᐅᑭᐅᑕᒫᑦ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᓯᑦᔨᕆᐊᖅᓯᒪᔪᖕᓇᕐᓂᖕᒋᓂᒃ ᑭᓯᐊᓂ ᑲᐃᕕᑦᐸᓪᓕᐊᓂᖅᑲᓲᖑᐸᓗᑎᒃ ᐊᖕᒋᓂᖅᐸᐅᐸᓗᓂ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᐊᕙᑎᖓᒍᑦ, ᑕᐅᑦᑐᕆᕙᒃᑕᖓ ᐅᖅᑲᐅᓯᐅᓯᒪᐸᓗᓂ ᐃᓄᖕᓂᑦ ᑲᖕᒋᖅᓱᓂᕐᒥᐅᓂᑦ[27]. ᑕᐃᒪᓗ,ᐊᑐᖅᑕᐅᕙᖕᓂᐅᔪᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᒪᑕ ᐊᑐᖅᑕᐅᐆᖅᓯᒪᓂᖅᓴᓂ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ (ᓲᕐᓗ, ᐊᑐᕐᓗᒋᑦ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓂᖕᒋᓐᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐱᔭᐅᕙᓪᓕᐊᓯᒪᔪᑦ ᖁᓕᑦ (10) ᐅᑭᐅᖑᐆᖅᑐᓂᑦ. ᑕᐃᒪᓗ, ᓯᓚᑖᓐᓂᖕᒋᑦ ᑕᐃᒪᙱᓂᑐᖅᑲᖅ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᖕᒋᑦ ᐱᑕᖅᑲᓕᖅᑎᑦᓯᓇᔭᕐᒪᑕ ᐋᖅᑭᐅᒪᓂᓇᓂᐊᖅᑕᖕᒋᓂᒃ ᐊᑐᖅᑕᐅᐆᖅᓯᒪᓂᖅᓴᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑦ (KivlA)[28] ᐊᒻᒪᓗ ᕿᑎᕐᒥᐅᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑦ (KitlA)[29] ᐊᑐᖅᑕᐅᔪᖕᓇᕐᓂᐊᕋᓗᐊᕐᒪᖔᑕ ᐃᓱᒪᓂᖅᑲᓚᐅᖅᑐᑦ ᑕᒪᒃᑯᓄᖓ ᖃᓄᐃᓕᖓᓕᖅᑎᑕᐅᔪᖕᓇᕐᓗᑎᒃ

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[24] ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐸᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᒪᒃᐱᕋᖓ 66

[25] ᒥᓪᓗᕐ, ᔨ.H., ᐱ.ᐃ. ᑯᕋᐅᓕ, ᓯ.ᐱ. ᐸᑎᐊᓪ, ᐃ.ᔨ. ᕙᓛᑦ, ᐃ. ᑭᐊᓕ, ᐃᒻ. ᒐᐃᑕᓈ, ᕕ. ᐹᓐ, ᐊᒻᒪᓗ ᐱ. ᑐᕋᑭᓐᒥᓪᓗᕐ. 2021 ᑕᐃᒪᙱᓂᑐᖅᑲᒥᑦ ᓄᓇᐅᑉ ᖄᖓᑕ ᑕᐅᑦᑐᖓ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ ᐃᖕᒋᕋᓂᖅᑲᓕᖅᐸᒃᑐᓄᑦ ᑐᒃᑐᓄᑦ: ᓂᑖᑎᒍᑦ ᐃᓱᒪᔾᔪᓯᐅᓯᒪᔪᑦ ᐆᑦᑦ ᐋᓐᑦᓗᕐᓘ (Old Antlers). ᓯᕗᓕᖅᑎᐅᔪᑦ ᐆᒪᓂᖅᑲᖅᑐᓕᓇᓂᕐᓄᑦ ᐆᒪᓂᖅᑐᓪᓗ ᐊᓯᑦᔨᖅᐸᓪᓕᐊᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᐊᓄᑦ. 8. 10.3389/fevo.2020.590837.

[26] ᑳᒧᕋᓐ, ᐃᒻ.ᑎ., ᑭ. ᔭᓕ, ᔨ.ᐃ. ᐳᓈᑦ, ᓯ.ᐱ.H. ᒧᓪᑐᕐ, ᐊᒻᒪᓗ ᑭ. ᑭᓚᓐᑦ. 2020 ᓇᓗᓇᐃᕐᑐᒥᒃ ᑕᐃᒪᓐᓇᐃᖕᒋᓐᓇᖅᓯᒪᓂᐅᔪᑦ ᐊᒻᒪᓗ ᓂᕈᐊᖅᓱᓂᖅ ᐃᓕᖓᓐᓂᖅᑲᖅᑐᓂᒃ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ ᓇᔪᖅᐸᒃᑕᒥᓐᓂᒃ ᐃᖅᑲᐅᒪᔪᓐᓇᕐᓂᖅᓴᐅᔪᓄᑦ ᐊᖕᒋᔪᒥᒃ ᐃᖕᒋᕋᓂᖅᑲᖅᐸᒃᑐᓄᑦ ᐱᕈᖅᑐᓂᒃ ᓂᕈᖅᑲᖅᐸᒃᑐᓂᑦ ᐆᒪᔪᓂᑦ. ᓯᕗᓕᖅᑎᐅᔪᑦ ᐆᒪᓂᖅᑲᖅᑐᓕᓇᓂᕐᓄᑦ ᐆᒪᓂᖅᑐᓪᓗ ᐊᓯᑦᔨᖅᐸᓪᓕᐊᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᐊᓄᑦ 8:564-567.

[27] ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐸᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᒪᒃᐱᕋᖓ 56

[28] ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑦ (KivlA), ᐳᓪ ᐊᒻᒪᓗ ᒐᓐ, 2016-02-15. NPC-ᑯᑦ ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᓂᖕᒋᑦ ᓈᓴᐅᑎᖓ # 14-134E.

[29] ᕿᑎᕐᒥᐅᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑦ (KIA), 2017-01-13. NPC-ᑯᑦ ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᓂᖕᒋᑦ ᓈᓴᐅᑎᖓ # 16-067E.

ᑭᒡᓕᖅᑲᕐᕕᐅᑎᑕᐅᓂᖏᓐᓄᑦ ᑐᒃᑐᓂᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ, ᐱᓗᐊᖅᑐᒥᒃ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᒃᑐᓄᑦ ᓄᓇᓄᑦ, ᐅᖅᑲᖅᑕᐅᓯᒪᔾᔪᑎᒃ 2016-ᒥ DNLUP-ᓂ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔾᔪᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔾ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐱᑕᖅᑲᖅᑎᑦᓯᖕᒪᑕ ᓇᔪᓇᐃᔭᐃᑦᔪᑎᓂᒃ ᖃᓄᖅ ᐱᓕᕆᐊᖑᕙᓚᐅᕐᓂᖏᓐᓄ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᓂᕐᒥᖕᓂ ᓄᓇᐅᔾ ᖄᖏᑎᒍᑦ ᑭᒡᓕᕆᔭᐅᓕᖅᑐᑦ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓂ, ᑭᓯᐊᓂᓗ ᓇᔪᓇᐃᔭᐃᓯᒪᓇᑎᒃ ᑭᒡᓕᕆᔭᐅᓕᖅᑐᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᖕᒪᖔᑕ ᒪᓕᒃᑐᕆᑦ ᓄᑕᐅᓂᖅᐸᐅᔾᔪᑎᒃ (ᐅᑭᐅᖕᒐᑕ 2012 ᑭᖑᓂᐊᓂ) ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓂᖏᓐᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ. ᕿᒥᕐᕈᔪᑦ ᑕᒪᕐᒥᒃ ᐊᑦᔨᖏᓐᓂᖅᑲᕐᕕᖏᑦ 2016-ᒥ ᐊᒻᒪᔪ 2021-ᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᑖᔾᑯᐊ 2021-ᒥ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᑐᒃᑐᓄᑦ ᐊᑦᔨᒋᑐᐃᓐᓇᕐᒪᑦ ᑕᐃᔾᑯᓇᙱᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᓂᑦ 2016-ᒥ, ᐊᒥᓲᙱᑦᑐᑦ ᐅᑦᔨᓇᔭᐅᓯᒪᓂᖏᑦ ᐊᑦᔨᐅᙱᓐᓂᐅᔪᓄᑦ ᑖᔾᑯᐊ ᐊᑖᓂ, ᑐᙵᕝᕕᖅᑲᖅᑎᑕᐅᔾᔪᑎᒃ ᑲᑎᑕᐅᓯᒪᔾᔪᑎᒃ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᓂᖏᓐᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ 1993-ᒥᑦ 2012-ᒧᑦ.

ᐃᓚᖏᒃ ᐃᓚᒋᐊᕈᑎᐅᓯᒪᔪᑦ ᑖᔾᑯᓄᖓ 2016-ᒥ ᑐᒃᑐᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᓇᔪᓇᐃᑦᑐᒥᒃ, ᓲᕐᓗ ᑐᓄᕕᐊᓂᖅᐸᓯᖓᓂ ᑐᒃᑑᔭᖅᑑᔾ ᑐᒃᑐᖏᑕ ᓄᕐᕋᖅᑲᕐᕕᐊᓂ ᐊᕙᑎᒋᔭᖓᓃᑦᑐᓄᑦ, ᑲᓇᖕᓇᖓᓂᖅᐸᓯᒃ ᐅᒥᖕᒪᒃᑑᔾ (ᐃᓱᒪᒋᔭᐅᔪᖅ ᐅᒥᖕᒪᒃᑑᒥ ᓄᕐᕋᖅᑲᕐᕕᐅᕙᖕᓂᖓᑕ ᐊᕙᑎᒋᔭᖓᐅᓂᖓᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓛᒃᑰᖓᓪᓗᑎᒃ ᐊᕐᓇᓪᓗᐃᑦ ᑐᒃᑐᑦ ᐊᓯᖏᓐᓄᑦ ᐊᒥᕐᕋᓄᑦ ᓅᓯᒪᓕᖅᐸᖕᓂᖏᓐᓂᑦ), ᐊᒻᒪᓗ ᒥᑭᑦᑐᒥᒃ ᐊᒥᓱᕈᓇᐊᖅᓯᒪᓕᕐᓂᖏᓐᓄᑦ ᑐᓄᕕᐊᓃᑦᑐᓄᑦ ᐃᓚᒋᔭᐅᔪᑦ ᖃᒪᓂᕐᔪᐊᖅ ᓄᕐᕋᖅᑲᕐᕕᒋᕙᒃᑕᖏᓐᓂ. ᑕᒪᒃᑯᐊ ᐃᓚᒋᐊᕈᑏᑦ ᐊᒡᒐᖕᒧᑦ ᑎᑎᕋᐅᔭᖅᑕᐅᓯᒪᖅᑰᕐᕗᑦ ᓯᕗᓂᐊᓂ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᐋᖅᑭᒃᓱᐊᖑᓯᒪᔪᑦ ᖄᖓᑎᒍᑦ ᐊᒻᒪᓗ ᑐᒃᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᓴᖅᑭᑕᐅᓯᒪᔪᖅᑲᖏᑦᑐᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐅᖅᑲᐅᓯᐅᓯᒪᓇᑎᒃ ᐃᑲᔪᖅᑐᒐᐅᓯᒪᓂᖏᑦᑕ ᑕᒪᒃᑯᐊ ᐊᓯᑦᔨᖅᓯᒪᓕᕐᓂᖏᓐᓄᑦ, ᖁᓚᓇᓕᖅᓯᒪᔾᔪᑎᒃᑲᓗᐊᓇᐊᖏᑕ ᐱᓕᕆᔾᔪᓲᑦ ᐊᑐᖅᑕᐅᓚᐅᕐᒪᖔᑕ ᑕᒪᒃᑯᓂᖓ ᓇᔪᖅᑕᐅᕙᒃᑐᓂᒃ ᐋᖅᑭᒃᓱᐃᓂᕐᒥ. ᐃᓚᖏᑦ ᓄᕐᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐊᖏᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓂᖅᑲᕐᒪᑕ (ᓲᕐᓗ ᑐᓄᕕᐊᓂ ᐊᒻᒪᓗ ᑐᓄᕕᖅᐸᓯᐊᓂ ᑭᕙᑖᓂ ᖃᒪᓂᕐᔪᐊᔾ ᐊᒥᕐᕋᕐᑯᑎᖏᓐᓄᑦ), ᑭᓯᐊᓂᓗ ᐊᖏᒡᓕᒋᐊᖅᑕᐅᓯᒪᖕᒋᒻᒪᑕ ᓄᕐᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᑭᕙᑖᓂ ᐅᒥᖕᒪᒃᑑᔾ. ᑐᒃᑐᑦ ᓄᕐᕋᖅᑲᕐᕕᒋᕙᒃᑕᖏᑦ ᓴᓪᓕᕐᓂ ᐊᒻᒪᓗ ᐊᔾᔨᑑᕐᔪᐊᕐᒥ ᓄᓇᖕᒍᐊᓕᐊᖑᓯᒪᖕᒋᒻᒪᑕ, ᐃᒻᒪᕐᑳ ᐱᔾᔪᑎᒋᔾᔪᒍ ᑐᒃᑐᓂᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐊᑐᐃᓐᓇᐅᓚᐅᖕᒋᒻᒪᑕ (ᑕᐃᒪᓕ, ᓇᔪᓇᐃᖅᓯᔾᔪᓂ ᑐᙵᕝᕕᖅᑲᐃᓐᓇᕆᐊᒥᒃ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐱᓯᒪᓖᓐᓇᕈᓐᓇᕐᓂᐊᖏᒻᒪᑕ). ᐱᔾᔪᑎᐅᔪᐊᖅᑐᓄᑦ ᐃᑎᕈᓐᓇᓕᕐᕕᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᑐᒃᑐᑦ ᐃᖏᕋᑎᓪᓗᒋᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᓗᐊᓇᓛᕐᒥ ᐊᒻᒪᓗ ᕖᑦᔪᕐ ᐸᐃᒥ ᐊᒥᕐᕋᕐᑯᑎᐅᔪᑦ ᐃᓕᔭᐅᖃᑕᐅᓯᒪᖕᒋᓐᒥᔪᑦ, ᓲᕐᓗ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐅᑭᐅᑦ ᐃᓚᖓᓂ ᐃᖏᕋᕝᕕᐅᕙᒃᑐᑦ ᐊᐳᑦᑎᓐᓇᖅᑑᖅ ᐅᔭᕋᒃᑕᓇᐊᑦ ᐊᖅᑯᑎᖓᒍᑦ.

ᐆᒃᑐᕋᐅᑎᒋᔭᐅᔪᖕᓇᖅᑐᑦ ᖃᓄᖅ ᑕᒪᒃᑯᐊ ᖃᓄᐃᓕᖓᓕᖅᑎᑕᐅᔪᖕᓇᕐᓗᑎᒃ ᑭᒡᓕᕐᕕᐅᑎᑕᐅᓯᒪᔪᑦ ᒥᐊᓂᖅᓯᓕᕈᑎᐅᙱᒻᒪᑕ ᑐᒃᑐᓄᑦ ᓄᕐᕋᖅᑖᖅᐸᓪᓕᐊᔪᓄᑦ ᓇᓂᔭᐅᖃᑦᑕᕐᒪᑕ ᖃᒪᓂᕐᔪᐊᔾ ᐊᒥᕐᕋᕐᑯᑎᖏᓐᓂ. ᓄᕐᕋᖅᑲᓕᖅᐸᖕᓂᖏᑦ ᖃᒪᓂᕐᔪᐊᔾ ᐊᕐᓇᓪᓗᕐᑯᑎᖏᓐᓂᑦ ᑐᒃᑐᑦ ᐅᑭᐅᓂ ᐊᑐᔫᖅᓯᒪᔪᓂ ᑕᓄᕕᐊᓂᖅᐸᓯᐅᖅᑲᑦᑕᖅᓯᒪᖕᒪᑕ ᑕᐃᒪᙵᓂᐅᖓᓂᑦ ᑕᐃᒪᓐᓇᐃᓐᓂᖏᓐᓄᑦ ᐊᒥᓲᓂᖅᓴᑦ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ ᓇᔪᖅᓯᖕᒐᖅᑲᑦᑕᖅᓯᒪᖕᒪᑕ ᐊᕙᑎᐅᔪᓂᒃ ᓄᓇᓄᑦ ᓄᕐᕋᖅᑖᔾᓕᐸᔾᓕᐊᓕᖅᑎᔾᔪᑎᑦ 2019-ᒥ ᐊᒻᒪᓗ 2020-ᒥ ᓯᓚᑖᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔾᔪᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᔾ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᓄᓇᙱᐊᓕᐊᖑᓯᒪᔪᓃᑦᑐᓄᑦ ᓄᕐᕋᖅᑖᕐᕕᐅᕙᒃᑐᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ (ᔨ. ᑐᓗᒐᖅ, KivlA-ᓂ, ᐅᖅᑲᖅᑕᐅᓯᒪᔪᑦ). ᑐᓄᕕᐊᓃᑦᑐᓄᑦ ᐃᓚᒋᔭᐅᔪᑦ ᓄᕐᕋᖅᑲᓕᕐᕕᐅᕙᒃᑐᓄᑦ 2017-ᒥ ᑐᓄᕕᐊᓃᓚᐅᕐᒪᑕ ᒫᓐᓇᐅᔪᒥᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔾᔪᑎᒃ ᓄᓇᕗᑦ

ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓄᑦ ᓄᕋᖅᑖᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᖕᒋᑕ ᑭᒡᓕᒋᔭᖕᒋᓐᓂ[c30].

ᐊᒥᓱᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑕ (KivlA) ᓯᕗᓪᓕᖅᐹᖑᐸᓗᑎᒃ ᓈᒻᒪᒋᑦᓯᐊᖅᑲᑦᑕᓚᐅᙱᒋᑕᖕᒋᑦ[c31] ᐱᓕᕆᔾᔪᓯᕐᓂᖅ ᐊᑐᖅᑕᐅᕙᒃᑐᓄᑦ ᐋᖅᑭᒃᓱᐃᓂᕐᒥᖕᓂ ᑕᒪᒃᑯᓂᖓ ᓄᓇᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᑲᔪᓯᓯᒪᖕᒪᑕ:

ᐃ) ᐱᑦᔪᑎᒋᖕᓗᒋᑦ ᑐᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᐊᒻᒪᓗ ᐸᐸᑕᐅᑦᓯᐊᕐᑯᐸᓗᒋᑦ, ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓂᐅᔪᑦ ᐊᒻᒪ ᐅᐸᓗᕆᔭᐅᓂᐊᖅᑐᑦ ᐃᓱᒪᓕᐅᕈᑕᐅᓯᒪᔭᕆᐊᖅᑲᕐᒪᑕ ᑲᑐᔾᔨᓂᖅᑲᕐᓗᑎᒃ ᐱᓕᕆᐊᖅᑲᕐᓂᖅᑎᒍᑦ.

ᐅ) ᐊᖕᒋᔫᑎᐅᐸᓗᑎᒃ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᓕᕆᐊᖅᑲᕐᒪᑕ ᖃᓄᑎᒋ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᓄᑦ (ᓄᕋᐃᑦ ᐊᒥᓱᕈᖅᓯᒪᓕᕐᓂᖕᒋᓐᓂᑦ ᐃᓚᖅᑲᕐᑎᑕᐅᓗᑎᒃ ᐱᖓᓱᓂᒃ (3) ᐱᓇᓱᐊᕈᓯᕐᓂᒃ) ᐅᑭᐅᑦ ᖁᓕᑦ (10) ᐊᑐᖅᐸᓪᓕᐊᓯᒪᓂᖕᒋᓐᓂ (ᐊᒻᒪᓗ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᒋᐊᖅᓯᒪᕙᖕᓂᐊᕐᓗᑎᒃ ᐅᑭᐅᑦ ᑕᓪᓕᒪᑦ (5) ᓈᓯᒪᓕᕋᖓᑕ), ᐊᒻᒪᓗ ᐃᓱᒪᒋᔭᐅᖅᑲᓯᐅᑎᓯᒪᓗᑎᒃ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖅᑲᖕᒋᑦ (IQ) ᐊᒻᒪ ᓱᓇᑐᐃᓐᓇᓂᒃ ᖃᐅᔨᓴᖅᑏᑦ (ᖃᐅᔨᓴᐃᓂᕐᓂᑦ, ᓈᓚᐅᑎᓕᖅᑐᐃᓂᕐᓂᑦ) ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᖕᒋᑦ;

ᐊ) ᖁᒻᒧᐊᒃᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᑦ ᓇᓃᓐᓂᖕᒋᑕ ᓇᓂᓯᔾᔪᑏᑦ ᓈᒻᒪᒍᖕᓃᖅᓯᒪᓕᖅᑎᑕᐅᔭᕆᐊᖅᑲᖕᒪᒻᒪᑕ ᐋᖅᑭᒃᑕᐅᕙᒋᖅᓯᒪᓂᐅᔪᓂᑦ ᐅᖓᓯᖕᓂᖕᒋᓐᓄᑦ (11-ᓂᑦ 20-ᓄᑦ ᑭᓗᒦᑕᓂᒃ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᓕᓚᐅᕐᓂᖕᒋᓐᓄᑦ), ᐱᔾᔪᑎᒋᐸᓗᒍ ᓄᓇᓕᖕᓂ ᒐᕙᒪᒃᑯᓐᓂᓪᓗ ᐱᔨᓯᕋᖅᑎᒃᑯᑦ (GIS) ᓄᓇᙱᐊᓕᐅᕈᓯᖕᒋᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᐊᓂᖕᒪᑕ ᓈᒻᒪᒍᖕᓃᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᐊᕙᑎᒋᔭᖕᒋᑦᑎᒍᑦ ᓄᓇᐃᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖅᑲᖕᒋᑦ (IQ) ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᐱᑕᖅᑲᖅᑎᑦᓯᔪᖕᓇᕐᒪᑕ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᖕᒋᑕ ᑭᒡᓕᒋᔭᖕᒋᓐᓂᒃ. ᐳᕋᐅᓂᐊᓐ ᐃᑳᕐᕕᐊᓂ ᖃᐅᔨᒋᐊᕐᓂᐅᓯᒪᔪᑦ[c32], ᓱᕐᓗ, ᖃᐅᔨᓴᖅᑕᐅᒃᑲᓐᓂᓇᐊᖅᑲᕐᒪᑕ ᓴᙱᒋᓂᖅᓴᐅᔪᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕈᑕᐅᔪᖕᓇᕆᐊᖕᒋᑕ ᓄᓇᙱᐊᓕᐅᕐᓂᐊᕐᓗᑎᒃ ᑐᒃᑐᑦ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᕆᕙᒃᑕᖕᒋᓐᓂᒃ;

ᐱ) ᐊᖕᒋᔫᑎᐅᐸᓗᑎᒃ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐃᓕᔭᐅᓯᒪᓕᖅᑎᑦᓯᓯᒪᖕᒪᑕ ᓄᓇᕗᑦ ᒐᕙᒪᖕᒐᑕ (GN) ᑐᒃᑐᓂᒃ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᖕᒋᓐᓂᒃ ᐱᖃᓯᐅᑎᓯᒪᐸᓗᒋᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖅᑲᖕᒋᓂᒃ (IQ) ᐊᒻᒪᓗ ᖃᖓᑕᓲᑎᒍᑦ ᖃᐅᔨᓴᐃᓂᐅᓯᒪᔪᓂᒃ (ᐃᓚᖅᑲᖅᑎᓪᓗᒋᑦ ᖃᖓᑕᓲᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᐅᓚᐅᖅᑐᓂᒃ ᓄᕋᖅᑲᕐᕕᐅᔪᑦ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᖕᒋᓐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᑐᒃᑐᑦ ᐊᒥᓲᓂᖕᒋᓐᓂᒃ ᓇᓚᐅᑦᓵᖅᓯᒪᓕᕐᓂᕐᓄᑦ);

ᐳ) ᐱᖃᓯᐅᑎᓯᒪᔪᖕᓃᖅᑎᓪᓗᒋᑦ ᓄᕋᒃᓴᖅᑖᕐᐸᙱᑦᑐᑦ ᐊᕐᓇᓪᓗᐃᑦ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᕐᑲᑕᐅᔪᑦ ᓄᕋᖅᑲᕐᕕᐅᕙᒃᑐᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᑦ ᓇᓗᓇᐃᔭᐃᓂᕐᓂ; ᐊᒻᒪᓗ

ᐸ) ᓄᑕᐅᓂᖅᐹᖑᓪᓗᑎᒃ ᖁᓕᓄᑦ (10) ᐅᑭᐅᖑᓴᖅᑐᓄᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑏᑦ ᑭᓯᒥᒃ ᐊᑐᖅᑕᐅᕙᒃᓗᑎᒃ ᐊᒻᒪᓗ ᐅᑭᐅᑕᒫᑦ ᖃᓄᐃᓕᖓᓕᖅᐸᓪᓕᐊᓂᖕᒋᑕ ᖃᒪᓂᕐᔪᐊᑉ ᓄᓇᐃᓐᓇᒥ ᓄᓇᐃᓐᓇᕐᒥᐅᑕᑦ ᐃᓚᖕᒋᑦᑕ ᐊᒥᓲᓂᐅᔪᓂᑦ ᑐᒃᑐᑦ ᐃᖕᒋᕐᕋᕙᖕᓂᖕᒋᓐᓄᑦ - ᔫᓂ 2017. ᓄᓇᕗᒻᒥ ᒐᕙᒪᖕᒐᑦ, ᐊᕙᑎᓕᕆᔨᒃᑯᑦ, ᓴᓇᕋᑎᓕᕆᓂᕐᒧᑦ ᓇᐃᒡᓕᒋᐊᖅᓯᒪᐸᓗᒋᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ – No: 01-2018 ᓇᓗᓇᐃᔭᐃᔾᔪᑎᑦ 8 ᐊᒻᒪᓗ 9.

[31] ᕿᑎᕐᒥᐅᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᒌᖕᒋᑦ (KIA), 2017-01-13. NPC-ᑯᑦ ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᓂᖕᒋᑦ ᓈᓴᐅᑎᖓ # 16-067E.

[32] ᒥᓐᓄᑦ, ᐊᕐ. 2021. ᖃᖓ ᓇᔪᖅᑕᐅᕙᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᓕᖅᓯᒪᔪᑦ ᓄᓇᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᓐᓄᑦ ᕿᖓᐅᑦ ᑐᒃᑐᖕᒋᓐᓄᑦ ᐊᒥᓲᓂᖕᒋᑦ ᒥᑭᓕᕙᓪᓕᐊᓯᒪᓕᖅᑎᓪᓗᒋᑦ, 1997-2019. MS-ᓄᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐅᒐᐅᓯᒪᔪᑦ, ᑯᐃᓐᔅ ᓯᓚᑦᑐᖅᓴᖅᕕᖓᓂ, ᑭᖕᔅᑕᓐ, ᐋᓐᑎᐊᕆᐅᒥ.

ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᐱᓕᕆᐊᖑᓕᕐᓗᑎᒃ, ᐱᓗᐊᖅᑐᒥᒃ ᓄᕐᕋᖅᑖᖅᓯᒪᓕᕐᕕᐅᕙᒃᑐᑦ/ᓄᕐᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ.

3. ᐅᔭᕋᒃᑕᕆᐊᓕᕆᓂᖅ

ᐱᐅᒻᒪᕆᐅᑎᐅᑎᑕᐅᑉᓗᑎᒃ ᐃᓱᒪᒋᔭᐅᖃᑕᐅᓯᒪᓂᖏᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᑎᒃᑯᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ, ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ

ᐅᔭᕋᒃᑕᕆᐊᖅᑎᒃᑯᑦ ᐊᖏᓂᖅᐸᐅᒻᒪᕆᖕᒪᑕ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᕙᒍᖕᓇᖅᑐᓂᑦ ᓄᓇᕗᒻᒥ ᐱᖃᓯᐅᑎᔭᐅᓯᒪᑎᓐᓇᒋᑦ ᐊᑭᓕᐅᑎᐅᕙᒃᑐᓂᑦ ᒐᕙᒪᑐᖃᒃᑯᑦ ᒐᕙᒪᖓᓐᓂᑦ. 2020-ᒥ ᑲᓇᑕᒥ ᓄᓇᒥᖕᒫᖅᑐᓕᕆᔨᒃᑯᑦ (NRCAN) ᐅᑭᐅᖅᑕᒫᑦ ᓈᓴᖅᑕᐅᓯᒪᔪᕐᑯᑎᖕᒋᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᖕᒪᑕ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᓄᑦ ᑐᕌᖓᑉᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᑦ, ᓱᕐᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓂᐅᔪᑦ ᐊᒻᒪ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᓕᐅᕐᓃᑦ, 53%-ᒥᒃ ᑖᒃᓲᔭᕐᕕᐅᖕᒪᑕ, ᐃᖅᑲᓇᐃᔭᕐᕕᐅᑉᓗᑎᒃ ᐊᒻᒪ ᑮᓇᐅᔭᓂᒃ ᕿᑐᕐᖏᐅᖅᑎᓯᓂᕐᒥ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᓕᖅᓯᒪᓂᖏᓐᓂᒃ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ.[33] 2020 ᐅᑭᐅᖓᓂ ᑮᓇᐅᔭᐃᑦ ᐊᑭᓪᓗᐊᓇᓇᔭᖅᑕᖏᑦ ᓄᓇᕗᒻᒥ ᑮᓇᐅᔭᓕᐅᕐᓂᐅᔪᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᑎᑦ ᐱᓕᕆᓂᖏᓐᓂᑦ ᐊᒻᒪᓗᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᓄᑦ ᑐᕌᖓᑉᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓂᖕᒫᓚᐅᕐᓂᖏᑦ ᑲᑎᕈᒋᑦ $2.4-ᐱᓕᐊᓐᑖᓚᓪᓗᐊᖑᓚᐅᕐᒪᑕ (ᑲᓇᑕᒥᐅᑦ ᑮᓇᐅᔭᕐᑯᑎᖕᒋᑎᒍᑦ). ᒫᓐᓇᐅᔪᖅ ᐊᓯᖏᓂᒃ ᓴᓇᕝᕕᖕᓂᑦ ᐱᑕᖃᖕᒋᒻᒪᑦ, ᐊᑕᐅᓯᐅᑉᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᓂᖃᖅᑐᓂᒃ, ᐱᑕᖃᓕᖅᑎᑎᕐᓯᓇᔭᕐᓗᑎᒃ ᑕᐃᒪᓐᓇ ᖁᑦᓯᖕᓂᖃᕐᓗᑎᒃ ᐃᑲᔪᕈᑎᐅᖃᑕᐅᓇᔭᖅᑐᓂᒃ ᓄᓇᕗᒻᒥ ᑮᓇᐅᔭᓕᐅᕐᓂᐅᔪᓄᑦ. ᑕᒪᑐᒪ ᐱᒻᒪᕆᐅᓗᐊᖅᑑᓂᖓ ᐊᖏᔪᒥᒃ ᐃᓕᑕᕆᔭᐅᓯᒪᖕᒪᑦ ᓄᓇᕗᒻᒥ ᒐᕙᒪᖓᓐᓂᑦ (GN), ᐅᑭᐅᑕᒫᑦ ᑲᑎᓗᒃᑖᕐᓗᒋᑦ ᓄᓇᓕᒋᔭᐅᔪᓂ ᓴᓇᓂᕆᔭᖕᒋᑦᑎᒍᑦ (GDP), ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᕐᑯᑎᖕᒐᑦ (NTI), ᐸᐸᑦᑎᔨᒥᒃᑎᒍᑦ ᑎᒍᒥᐊᖅᑕᐅᔪᓄᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᑎᓂᑦ ᐊᑭᓕᐅᑕᐅᕙᒃᑐᑦ, ᐊᒻᒪᓗ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᑏᖕᒋᓂᑦ (KivIA), ᐊᐅᓚᑦᓯᓂᕐᑲᕐᓂᒥᖕᓂᑦ ᓄᓇᐅᑉ ᖁᖕᒋᓂᒃ ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓄᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓐᓂᒃ (IOL).

ᐅᔭᕋᒃᑕᕆᐊᖅᑏᑦ ᐃᓕᑕᕆᔭᐅᓯᒪᖕᒪᑕ ᐊᑐᕐᓂᕐᑲᒻᒪᕆᒃᑐᑎᒍᑦ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᑮᓇᐅᔭᓕᐅᕈᑎᓄᑦ ᐱᓕᕆᓂᕐᑲᖅᐸᖕᓂᖕᒋᓐᓄᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑎᒍᑦ, ᑭᓯᐊᓂᓗ "ᐅᔭᕋᒃᑕᕆᐊᓕᕐᕕᐅᔪᖕᓇᕐᓂᖕᒪᑕ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖓ" ᖃᓕᓈᓕᖅᓯᒪᓂᖃᕐᒪᑕ "ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᑦ" ᐱᔪᑎᖃᖅᑐᓂ. ᑖᐸᑯᓇᓂ ᓈᒻᒪᙱᓐᓂᖃᓕᖅᑎᕐᓯᖕᒪᑕ "ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᑭᒡᓕᖃᓕᖅᑎᑕᐅᓯᒪᔪᓂ" ᐊᒻᒪᓗ ᑖᐸᑯᓄᖓ ᑐᕌᖓᓂᖃᕐᓗᑎᒃ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᓯᒪᐸᑉᓗᑎᒃ ᐆᒪᓂᖃᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᔪᓄᑦ (VEC) ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᓕᖅᐸᖕᓂᕐᓂ, ᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᓂ, ᐃᖏᕋᐅᑎᓕᕆᓂᕐᓂ, ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᑕᒪᒃᑯᓄᖓ ᑐᕌᖓᑉᓗᑎᒃ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᔪᑦ ᐃᓅᖃᑎᒌᒃᑐᓄᑦ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕈᑎᐅᕙᒃᑐᓄᑦ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ (VSEC). ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔾᔪᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᓇᓕᖅᑲᓈᓕᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᓂᖃᓕᕆᐊᖃᖅᐳᑦ ᑕᒪᒃᑯᓂᖓ ᐱᓕᕆᓂᖃᕐᕕᐅᖕᒫᕈᒪᓂᐅᔪᓂᑦ ᓂᕈᐊᖅᑖᔾᔪᓯᒪᓕᖕᒫᕋᑎᒃ ᑕᐃᒃᑯᐊ ᓂᕈᐊᖅᑕᐅᙱᑦᑐᑦ ᐊᓯᕈᖅᑎᕐᓯᒪᓕᖅᑎᑕᐅᓇᔭᕐᒪᑕ. ᑐᙵᕝᕕᒋᐸᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP), ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᐊᓂᒃᑐᓂᒃ ᐊᓯᑦᔨᖅᑕᐅᔪᖕᓇᕋᑎᒃ ᓄᓇᒥ ᑭᒡᓕᒋᔭᐅᓕᖅᑐᓂᒃ ᐸᐸᑦᓯᓂᖃᕐᓂᕐᓄᑦ ᓂᕈᐊᖅᑕᐅᓯᒪᓕᓚᐅᕐᒪᑕ NPC-ᑯᓐᓂᑦ. ᐊᑐᕋᔭᖅᐸᑕ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᓄᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕗᒻᒥ ᐃᑲᔪᕈᑎᒋᔭᐅᓕᖅᑎᑦᑎᓗᑎᒃ ᓈᒻᒪᖕᓂᖅᓴᐅᓇᔭᖅᑐᑦ ᓇᓕᖅᑲᓈᒃᑎᑕᐅᓗᑎᒃ ᑖᐸᑯᓇᓂ ᐱᓕᕆᓂᖃᕐᕕᐅᖕᒫᓕᕈᒪᓂᐅᔪᓄᑦ ᐊᓯᑦᔨᖅᑕᐅᔪᖕᓇᕋᑎᒃ ᓄᓇᒥ ᑭᒡᓕᒋᔭᐅᓕᖅᑐᑦ ᑲᔪᓯᑎᑕᐅᓂᐊᖅᐸᑕ

[33] ᑲᓇᑕᒥ ᓄᓇᒥᖕᒫᖅᑐᓕᕆᔨᒃᑯᑦ (NRCAN), 2020. ᑲᑎᓗᒃᑖᕐᓗᒋᑦ ᓄᓇᓕᒋᔭᐅᔪᓂ ᓴᓇᓂᕆᔭᖕᒋᑦ ᓴᓇᕝᕕᐅᔪᓂᑦ: ᐳᕌᕕᓐᓯᓂ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᓂ, https://mmsd.nrcan-rncan.gc.ca/expl-expl/annual-eng.aspx ᐊᒻᒪᓗ NRCAN-ᑯᑦ, 2020. ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᖅᓯᐅᕐᓂᖅ ᐊᒻᒪᓗ ᐱᑕᖃᕐᓂᖕᒋᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑲᓇᑕᐅᑉ ᐅᑭᐅᖅᑕᖅᑐᖓᓄᑦ. https://mmsd.nrcan-rncan.gc.ca/expl-expl/annual-eng.aspx

ᐊᑐᖅᑕᐅᓂᖏᑦ (ᐃᓛᒧ ᐊᓯᑦᔨᖅᑕᐅᔪᓐᓇᕋᑎᒃ ᑭᒡᓕᒋᔭᐅᓕᖅᑐᑦ ᐊᑭᕋᖅᑐᒐᐅᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖏᓐᓂᑦ (KivIA)).

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑕᐅᓂᖏᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᓕᖅᓯᒪᓂᕐᓄᑦ, ᐅᔭᕋᒃᑕᕆᐊᕐᓂᓕᕆᓂᕐᓄᑦ, ᐃᑯᒻᒪᕐᑯᑎᒃᓴᓕᕆᓂᕐᓄᑦ, ᐃᖏᕐᕋᐅᑎᓕᕆᓂᕐᓄᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓕᕆᔾᔪᑎᓄᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖏᒃ (KivIA) ᐅᑦᔨᕈᓯᖕᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᑦ (NPC) ᑭᐅᓯᒪᓕᓚᐅᕐᓂᖏᑕ ᓈᒻᒪᖕᓂᐊᕋᓱᒋᔭᐅᙱᓐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᐱᕆᓯᒪᓕᖅᐳᑎᒃ ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ ᑐᓂᓯᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᓕᓚᐅᖅᑐᓂᒃ 2017-ᒥ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᓄᓇᓄᑦ2017[34]. ᑭᓯᐊᓂᓗ, KivIA-ᑯᑦ ᐱᓕᕆᓂᖅᑲᓕᕆᐊᕈᑎᐅᔪᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᓱᓕ ᓈᒻᒪᒃᑐᑎᒍᑦ ᐃᓱᒪᒋᔭᖅᑲᓕᖅᓯᒪᙱᒻᒪᑕ ᑕᒪᐃᓐᓂᒃ ᐱᔭᐅᓯᒪᓕᕆᐊᖅᑲᕐᐳᑎᒃ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ. ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᓄᓇᓄᑦ ᑭᒡᓕᒋᔭᐅᔪᓂᒃ ᑐᙵᕝᕕᖅᑲᖅᑎᑕᐅᓯᐸᓗᑎᒃ ᓄᓇᐅᑉ ᖃᖏᓂ ᐆᒪᓂᖅᑲᖅᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᐅᕙᒃᑐᑎᒍᙱᑦᑐᖅ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖃᓕᓈᓕᖅᓯᒪᓂᐅᔪᓂᒃ, ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᐸᒃᑎᓪᓗᒋᑦ, ᓈᒻᒪᙱᓕᕈᑎᑕᖅᑲᓕᖅᐸᖕᒪᑕ. ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᕙᒃᑐᑦ ᐱᒻᒪᕆᐅᓗᐊᕐᒪᕆᖕᒪᑕ ᐱᑦᔪᑎᒋᑉᐳᒍ ᓈᒻᒪᖕᓂᖅᓴᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᕙᖕᓂᖏᑕ ᓇᓃᓐᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐱᐅᔫᓂᖏᓂᒃ "ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ" ᐃᓱᒪᒋᓗᒋᑦ "ᓄᓇᐅᑉ ᖃᖕᒐᓃᑦᑐᓄᑦ" ᐱᓕᕆᓂᖅᑲᖕᒑᖅᐸᖕᓂᖅᓂᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᑐᐃᓐᓇᖅᐸᒃᑎᓪᓗᒋᑦ ᓄᓇᒥ ᐊᖏᓂᕆᔭᐅᔪᓄᑦ ᑐᙵᕝᕕᖅᑲᖅᑎᑕᐅᑉᐳᑎᒃ ᖃᖕᒐᓂ ᑕᐅᑦᑐᕆᔭᐅᔪᓂᒃ ᓄᓇᒧᑦ. ᖃᐅᔨᓴᐊᕐᓂᕐᒥ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᕐᒪᖕᒑᑦ ᓄᓇ ᐊᑐᖅᑕᐅᔭᕆᐊᕐᑲᖅᐸᖕᒪᑕ ᑕᒪᕐᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᓯᒪᔪᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᐅᑎᑦ (ᓱᕐᓗ, ᓄᓇᐅᑉ ᑕᐅᑦᑐᖕᒐ, ᓱᓇᑕᖃᕐᓂᖕᒐ ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂᒃ) ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᐃᓗᐊᓂ. ᑕᒪᒃᑯᐊ ᑐᒃᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᓕᖅᑐᑦ ᑕᐃᒪᓕ ᐃᓕᔭᐅᖃᑕᐅᓯᒪᓕᖅᐸᖕᒪᑕ ᐊᑐᖅᐳᒋᑦ ᓄᓇᐅᑉ ᑕᐅᑦᑐᖕᒐᓄᑦ ᑐᓴᒐᒃᓴᓂᒃ ᐱᓕᕆᔾᔪᑎᓂᒃ (GIS) ᖃᕆᑕᐅᔭᑎᒍ ᓴᓇᕐᕈᑎᐅᑉᐳᑎᒃ ᐱᐅᑦᓯᐊᕐᓂᖏᓂᒃ ᖃᐅᔨᒋᐊᕈᑎᐅᕙᒃᐳᑎᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᑕᖃᕐᓂᖏᓐᓄᑦ. ᑕᐃᒪᓐᓇ ᐱᓕᕆᓂᐅᓯᒪᔪᑦ ᑕᐃᒪᓕ ᐊᑐᖅᑕᐅᔪᖕᓇᓕᕐᓂᐊᕐᒪᑕ ᓇᓗᓇᐃᔭᐃᓂᕐᒥ ᓄᑖᓂᒃ ᓄᓇᓂᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᐱᐅᑦᓯᐊᖅᑐᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᕋᔭᖅᑐᓂᒃ ᐊᒻᒪᓗ ᓇᓂᓯᓯᒪᓕᕈᑎᐅᔪᖕᓇᕐᓂᐊᕐᓗᑎᒃ ᓄᑖᓂᒃ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓗᑎᒃ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐃᓕᑕᖅᓯᓯᒪᕗᑦ ᐊᕙᑎᐅᔪᓂᒃ ᓇᓗᓇᐃᖅᓯᒪᔭᖕᒋᓐᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᕐᓂᖏᓐᓄᑦ (ᓄᓇᙱᐊᖅ B2.11). 'ᐃᑲᔪᕈᑎᐅᓯᒪᔪᑦ' ᐊᑐᖅᑕᐅᓚᐅᖅᑐᑦ ᑕᑯᒃᓴᐅᑎᑦᓯᖅᑰᔨᖕᒪᑕ ᑭᓯᐊᓂ ᐅᔭᕋᒃᑕᕐᑲᕐᓂᐅᔪᓄᑦ, ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᓄᓇᒥᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᓄᑦ ᑐᕋᖕᒐᑎᓪᓗᒋᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ (IOL) ᑕᒪᒃᑯᐊ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ ᐃᑲᔪᕈᑎᒃᓴᐅᔪᑦ ᐱᔭᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᑲᑎᖅᓱᐊᖑᓯᒪᓕᓚᐅᖅᑐᓂᑦ 1997 ᐅᑭᐅᖕᒐᑕ ᓯᕗᖕᒐᓂ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᑦ.[35] ᐊᑐᖅᑕᐅᓯᒪᓂᖏᑕ ᐱᑐᖅᑲᐅᑉᐳᑎᒃ ᓄᓇᓂᒃ ᖃᐅᔨᓴᐃᓂᕐᒥ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐃᑲᔪᕈᑎᒃᓴᖅᑲᖅᑎᑕᐅᓯᒪᓇᑎᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᑕᐅᑦᑐᖕᒐᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ,

[34] ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP); ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᑉᐳᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᒪᒃᐱᕋᖕᒐ 373.

[35] ᓈᓗᕐ, ᐊᓯᖏᓪᓗ, 2997. (comp). ᓄᓇᐅᑉ ᑕᐅᑦᑐᖕᒐᓄᑦ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᔪᑦ ᑲᓇᑕᒥ. ᓄᓇᒥᒃ ᖃᐅᔨᓴᐃᔨᖏᑦ ᑲᓇᑕᒥ. ᓄᓇᙱᐊᖅ D1860A. 1:3.5 ᒥᓕᐊᓐᓂᒃ ᖁᑦᑎᖕᓂᖅᑲᖅᑎᑕᐅᔪᖅ.

ᐅᑉᓗᕆᔭᖏᑦ ᐱᑕᖃᕋᓗᐊᖅᑎᓪᓗᒋᓇᒃᑯᑦ, ᐱᓕᕆᓂᖃᕐᕕᐅᒡᔪᐊᕐᓗᑎᒃ ᐱᓕᕆᓂᐅᓕᕈᓐᓇᕐᓂᐊᙱᒻᒪᑕ ᖃᐅᔨᓯᒪᓕᕆᐊᕐᓂᐊᕐᓗᓂ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᔪᓐᓇᕐᒪᖔᑕ.

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐅᖃᐅᓯᖃᖅᓯᒪᙱᒻᒪᑕ ᐅᔭᖅᑕᕆᐊᖅᑎᒃᑯᑦ ᕿᓂᓕᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᖏᓐᓄᑦ ᓯᕕᑐᓂᖅᓴᐅᔪᓂᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᕿᓂᕐᓂᕆᔭᖏᑦ ᐃᖏᕋᕋᓯᐊᖅᑎᑕᐅᔪᓐᓇᕐᑯᑉᓗᒋᑦ. ᐃᓛᓗ ᐅᔭᖅᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᖅᐸᖕᓂᐅᔪᓂ ᐃᑎᕈᓐᓇᖅᑎᑕᐅᕆᐊᖃᕋᓗᐊᖅᑎᓪᓗᒋᑦ ᐊᖏᔪᐊᓘᑉᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐱᓕᕆᓂᖃᕐᓂᐊᕈᑎᒃ, ᐊᐅᓚᑦᓯᓂᕐᓂ ᐅᔭᖅᑕᕆᐊᑦ ᐱᓕᕆᓂᖏᑦ ᒥᑭᑦᑐᒻᒪᕆᖕᒥᒃ ᐱᓕᕆᓂᖃᖅᐸᖕᒪᑕ ᐃᓱᒪᒋᓗᒋᑦ ᑲᑎᓪᓗᒋᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᑐᕌᖕᒐᔪᑦ ᑲᑎᓗᒃᑖᕐᓗᒋᑦ ᐊᖏᓂᕆᔭᖕᒐᑕ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐ. ᓇᓚᐅᑦᓵᖅᑕᐅᓯᒪᓕᕆᐊᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᔪᕐᓇᕐᒪᑕ ᓇᓂ ᑕᒪᒃᑯᐊ ᐅᔭᖅᑕᕆᐊᕐᕕᒃᑕᖃᓕᕐᓂᐊᕐᒪᖔᑕ ᖃᐅᔨᓴᖅᑕᐅᓯᒪᓕᓚᐅᖅᑳᕐᑎᓐᓇᒋᑦ. ᐊᒻᒪ ᓇᓚᐅᑦᓵᖅᑕᐅᓯᒪᓕᕈᓐᓇᖏᒻᒥᔪᑦ ᓇᓕᖏᓂᒃ ᖃᓄᐃᑦᑑᑎᓂᒃ ᐅᔭᖅᑕᕆᐊᒐᒃᓴᒥᖕᓂᒃ ᕿᓂᓕᕐᓂᐊᕐᒪᖔᑕ ᐊᒻᒪᓗ ᐅᔭᖅᑕᕆᐊᓕᕐᓗᑎᒃ ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᕈᑎᐅᓯᒪᓕᕈᓐᓇᖅᑐᓄᑦ ᓄᓇᕗᒻᒥ.

2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐋᖅᑭᒃᓱᐊᖑᓯᒪᖕᒪᑕ ᐊᕙᑎᒋᔭᐅᔪᓂ ᖃᓕᓈᓕᖅᓯᒪᓂᖃᖅᑐᓂᒃ ᐊᑐᕐᓂᖃᖅᑎᑦᓯᓂᐊᕐᓂᖏᓐᓄᑦ ᐊᓯᑦᔨᖅᑕᐅᔪᓐᓇᕋᑎᒃ ᖃᓄᐃᓕᖕᒐᑎᑕᐅᓂᐊᕐᓂᖏᓐᓄᑦ ᐃᑎᕈᓐᓇᕐᑎᑕᐅᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᕙᓐᓂᐊᖅᑐᓄᑦ ᐱᑦᔪᑎᖃᖅᑐᓂᒃ ᐊᑐᓕᖅᑎᑦᑎᓯᒪᓗᑎᒃ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᒪᓕᒃᓗᑦ ᒫᓐᓇᐅᔪᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᓂᖏᑦ ᐱᑕᖃᖅᑎᑦᓯᙱᑦᓯᐊᒻᒪᕆᑲᓴᒃᑐᑦ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐃᓗᐊᓃᑦᑐᑐᓂᒃ ᖃᖓᑐᐃᓐᓇᖅ ᐃᑎᖅᑕᐅᔪᓐᓇᕐᕕᐅᔪᓂᒃ ᖃᓂᕐᕕᒋᓕᕐᓂᐊᕐᓗᑎᑦ, ᐊᒻᒪᓗ ᑕᐃᒪᓕ ᓯᕗᓂᕐᒥ ᐅᔭᖅᑕᕆᐊᖅᑎᑦ ᐱᓕᕆᓂᖃᕈᓐᓇᕐᓂᐊᙱᑦᑐᑦ. ᓲᕐᓗ **ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3-ᖓᓂ** ᐊᖏᔪᒻᒪᕆᐅᑉᓗᓂ ᐊᕙᑎᒋᔭᐅᔪᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖃᕐᒪᑕ ᐊᑐᖅᑕᐅᔪᓐᓇᕐᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓂᖏᓐᓂᒃ ᓇᓗᓇᐃᑦᑐᒥᒃ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᑕᖃᕐᒥᖕᒪᑕ ᑐᙵᕝᕕᒋᓗᒋᑦ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᓯᒪᓂᖏᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔭᐅᓕᐊᑐᒃᑐᑦ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᓕᕐᓗᑎᒃ. **ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4-ᖓ** ᓇᓗᓇᐃᖅᓯᓯᒪᖕᒪᑕ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᓕᕈᓐᓇᕐᓂᐅᔪᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᖁᖏᑎᒍᑦ ᐃᓕᔭᐅᓯᒪᓂᖃᖃᑕᐅᑉᓗᑎᒃ ᑐᒃᑐᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᒃᑕᖏᓂᒃ ᓇᓗᓇᐃᔭᐃᓯᒪᔾᔪᑎᓂᒃ.

ᐃᓱᒪᓕᐅᕈᑕᐅᓯᒪᔪᑦ ᐊᓯᑦᔨᕆᐊᖅᑎᑕᐅᓯᒪᓕᖅᑯᑉᓗᒋᑦ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐱᓕᕆᐊᕆᔭᐅᔪᓐᓇᖅᓯᓂᐊᕐᒪᑕ ᐅᔭᖅᑕᕆᐊᓕᕆᓂᕐᒥ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᐅᓂᖏᑦ

ᐃ) ᐃᓕᑕᕆᔭᐅᓯᒪᓕᕐᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᓐᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐅᔭᖅᑕᕆᐊᖅᑕᖃᕐᓂᖓ ᓯᕗᓪᓕᖅᐸᐅᓪᓗᒍ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᓂᖓᑕ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕐᓂᐅᕙᒃᑐᑎᒃ ᐱᓕᕆᓂᐅᕙᒃᑐᓄᑦ ᓄᓇᕗᒻᒥ.

ᐅ) ᐱᖃᓯᐅᑎᓯᒪᓇᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᑉᓗᑎᒃ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᔪᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᓄᓇᑦ (ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐅᕝᕙᓘᓐᓃᑦ ᑲᓇᑕᒥ ᒥᖕᒍᐃᖅᓯᕐᕕᑦ) 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓂᒃ ᑭᒡᓕᖃᓕᖅᑎᑦᑎᓯᒪᔭᕆᐊᖃᖅᑭᒻᒪᑕ ᓄᓇᐃᑦ ᐊᕙᑎᒋᔭᖏᓐᓄᑦ ᐅᔭᖅᑕᕆᐊᑦ ᕿᓂᓕᕐᕕᒋᔪᓐᓇᖅᑕᖏᓂᒃ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐃᓱᒪᓕᐅᖅᐳᑦ ᑖᒃᑯᐊᑦᓴᐃᓐᓇᐃᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᓯᒪᔪᑦ ᒪᓕᒃᓗᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓄᑦ ᑐᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᓂᖏᓐᓄᑦ ᐃᑲᔪᖅᑐᐃᔾᔪᑎᖃᖃᑕᐅᑉᑯᑉᓗᒋᑦ ᐅᔭᖅᑕᕆᐊᖅᑎᓂᑦ ᕿᓂᓕᕐᕕᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᕙᒃᑐᓄᑦ (ᐊᑐᖅᑕᐅᕙᒍᓐᓇᖅᑐᑦ

ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᓄᕐᕋᖅᑖᖅᐸᓪᓕᐊᓕᖅᑎᓪᓗᒋᑦ ᐊᒻᒪᓗ ᓄᕐᕋᖃᓕᖅᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᑕᐃᒪᓗ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᐊᑯᔪᓕᐅᓕᖅᑎᑕᐅᔪᓗᑎᒃ ᐊᐅᔭᒥ ᓄᓕᐊᓕᖅᑎᓪᓗᒋᑦ/ᐅᑭᐊᒃᓵᒥ). ᑖᔪᑯᐊ ᐃᓱᒪᓕᐅᕈᑎᐅᔫᒃ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᓂᒃ (NPC) ᐊᑐᕆᐊᖃᓕᖅᑎᑦᓯᓂᐊᕐᒪᑕ ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᒪᓕᒃᓗᒋᑦ ᓴᐳᔭᐅᓯᒪᓂᖕᒋᑦ ᑐᒃᑐᓕᕆᓂᕐᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂ ᑖᔪᑯᐊ ᖁᑖᓂ ᐊᒻᒪᓗ NPC-ᑯᑦ ᐊᑐᓕᖅᑎᑦᓯᔭᕆᐊᖃᕐᑎᑕᐅᓗᑎᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᐅᔪᓄᑦ.

ᐊ) ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivIA) ᐱᔭᕇᖅᓯᓯᒪᓕᕐᒪᑕ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᒧᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᑕᒪᕐᒥᒃ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥ ᐱᐅᓂᖅᓴᑎᒍᑦ ᑐᑭᓯᐅᒪᓕᕐᑯᑉᓗᒋᑦ ᐱᒻᒪᕆᐅᑎᑕᐅᓗᐊᕐᓂᖕᒋᑕ ᐊᑐᖃᑦᑕᕆᐊᖃᕐᓂᕐᒥᒃ ᑕᒪᐃᓐᓂᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖃᐅᔨᓴᐃᕙᖕᓂᕐᒧᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ ᐃᑲᔪᕈᑎᒃᓴᓂᒃ ᑐᓂᓯᓯᒪᓕᓚᐅᕐᓂᖕᒋᓐᓄᑦ ᑐᓴᖅᑎᑕᐅᓯᒪᓕᕐᑯᑉᓗᒋᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂᒃ ᐱᓕᕆᐊᖃᖅᐸᓪᓕᐊᑎᓪᓗᒋᑦ.[36] ᑕᐃᒪᓐᓇ ᐱᓕᕆᓂᖃᓕᕈᑎᒃᓴᑦ ᐊᑐᖅᑕᐅᔪᖕᓇᕐᓂᐊᕐᒥᔪᑦ ᐊᓯᖕᒋᓐᓂᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᑦ (RIA) ᐊᒻᒪᓗ NPCᑯᓐᓂᑦ ᐱᐅᓂᖅᓴᑎᒍᑦ ᑐᓴᐅᒪᑎᑦᑎᕙᒍᖕᓇᓕᕐᑯᑉᓗᒋᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓕᖅᑐᓄᑦ. KivIA-ᑯᑦ ᐃᓱᒪᓕᐅᖅᐳᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᕿᒥᕐᕈᓂᖃᕐᑯᑉᓗᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᖃᐅᔨᓴᐃᓂᐅᓯᒪᔪᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᐊᒻᒪᓗ ᐋᖅᑮᕆᐊᖅᓯᒪᓕᕐᑯᑉᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂᒃ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓱᒪᒋᔭᐅᖃᓯᐅᑎᓯᒪᓕᕐᓂᐊᕐᓗᑎᒃ ᑐᒃᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᓂᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᓂᒃ.

ᓇᐃᒡᓕᒋᐊᖅᑕᐅᓯᒪᔪᓗᑎᒃ ᑭᖑᓪᓕᕐᒥᒃ ᐅᖃᐅᓯᒃᓴᕆᔭᐅᔪᓂ, ᐅᔭᕋᒃᑕᕆᐊᖅᑎᑦ ᐱᓕᕆᓂᖕᒋᑦ ᐱᑦᔪᑎᖃᕐᒪᑕ ᒥᑭᑦᑐᒻᒪᕆᐅᔪᓗᒍ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ ᐃᓱᒪᒋᓗᒍ ᑲᑎᓗᒃᑖᕐᓗᒍ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᑉ ᐊᖕᒋᓂᕆᔭᖕᒐᓂᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ. ᑭᓯᐊᓂᓗ, ᑕᒪᒃᑯᐊ ᒥᑎᑦᑑᑉᓗᑎᒃ ᓄᓇᑦ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐃᑎᕐᕕᐅᔪᖕᓇᕆᐊᖃᕐᒪᑕ ᐊᖕᒋᓂᖅᓴᐅᔪᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓂᐊᕐᓗᑎᒃ. ᓇᓚᐅᑦᓵᖅᑕᐅᓯᒪᓕᕆᐊᖕᒋᑕ ᐊᔪᕐᓇᕐᒪᑕ ᐅᖃᐅᓯᕆᓂᐊᕐᓗᒋᑦ ᐃᓗᐊᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᑕᒪᒃᑯᐊ ᒥᑭᑦᑐᒻᒪᕆᐅᑉᓗᑎᒃ ᐅᔭᕋᒃᑕᕆᐊᓕᕐᓃᑦ ᓇᓃᓐᓇᔭᕆᐊᒃᓴᖕᒋᓐᓄᑦ. ᐊᒻᒪᓗ ᓇᓚᐅᑦᑖᖅᑕᐅᓯᒪᓕᕈᖕᓇᖕᒋᒻᒥᔪᑦ ᖃᓄᐃᑦᑐᓪᓚᑦᑖᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᕿᓂᓕᕋᔭᕐᒪᖔᑕ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᓂᖃᓕᕋᔭᕐᒪᖔᑕ ᑮᓇᐅᔭᓕᐅᕐᓂᖅᑎᒍᑦ ᐃᑲᔪᕈᑎᐅᓯᒪᓕᕋᔭᖅᑐᓂᒃ ᓄᓇᕗᒻᒧᑦ. ᐆᒃᑐᕋᐅᑎᐅᔪᖕᓇᖅᐳᑦ ᑕᒡᕙᓂ ᐱᔭᐅᔪᒪᓗᐊᖅᐸᒃᑐᓂᒃ "ᑐᖑᔪᐊᖑᔪᓂᒃ ᓴᕕᕋᔭᒃᓴᓂᒃ", ᓱᕐᓗ ᐱᑕᖃᓗᐊᖕᒋᑦᑐᓂᒃ ᓇᓂᕐᓯᕆᑦᑑᑉᓗᑎᒃ ᓄᓇᒥᖕᒐᖅᑐᓂᒃ (REE's), ᐱᓯᒪᔭᐅᔭᕆᐊᖃᕋᔭᖅᑐᓂᒃ ᐊᓯᑦᔨᕙᓪᓕᐊᓂᕐᓄᑦ "ᑐᖑᔪᐊᖕᒐᔪᓂᑦ ᑮᓇᐅᔭᓕᐅᕈᑎᖃᓕᕐᓂᕐᓄᑦ." ᐅᑭᐅᑦ 30 ᓈᓯᒪᓕᖅᐳᑦ ᑕᐃᒪ ᑕᒪᒃᑯᐊᑦᓴᐃᓐᓇᑦ REE-ᓂᒃ ᑕᐃᔭᐅᔪᑦ ᐃᓱᒪᒋᔭᐅᓚᐅᖅᓯᒪᓂᖕᒋᑕ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑐᕐᓂᖃᑦᓯᐊᖕᒋᓐᓂᖕᒋᓐᓄᑦ, ᑭᓯᐊᓂᓕ ᒫᓐᓇᐅᓕᖅᑐᒥ ᐊᖕᒋᓂᖅᐸᐅᔪᒥᒃ ᑐᖑᔪᐊᖕᒐᒧᓂᑦ ᑮᓇᐅᔭᓕᐅᕈᑎᐅᖃᑕᐅᓕᖅᐳᑦ.

4. ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᖅ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivIA) ᐊᒻᒪᓗ ᑲᓇᑕᒥ ᒐᕙᒪᖔᑦ, ᓄᓇᕗᑦ ᐊᒻᒪᓗ ᒫᓂᑑᐸᒥ ᐯᐊᑦᓴᓐ ᐸᐃ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᐃᓱᒪᑕᒻᒪᓈᑦ ᑲᑎᒪᔾᔪᐊᕐᓂᖕᒋᑎᒍᑦ ᐊᒻᒪᓗ ᑲᓇᑕ-ᒫᓂᑑᐸ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᕐᒧᑦ ᐱᓕᕆᖃᑎᒌᖕᓂᖕᒋᓐᓄᑦ ᐊᖕᒋᕈᑎᐅᓯᒪᔪᑎᒍᑦ ᐃᓱᒪᒋᔭᖃᕐᒪᑕ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᓂᖕᒋᑦᑕ

[36] ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ, 2022, ᒫᓐᓇᒧᑦ ᑎᑭᓪᓗᒍ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ, ᑕᑯᓗᒋᑦ ᐅᐃᒍᖕᒋᑦ 2

ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᓄᑖᒥᒃ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕆᐊᒧᑦ ᐊᒻᒪᓗ ᐃᑯᒻᒪᖁᑎᒃᓴᓂᒃ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕆᐊᒥᒃ (ᓲᕐᓗ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ), ᐃᓕᕆᐊᖑᓕᕐᓂᐊᕐᓗᑎᒃ ᐃᑲᔪᖅᑐᐃᓂᕐᒥ ᑐᕌᖃᒃᓴᖅᑯᑎᒋᔭᐅᔪᓄᑦ ᖃᓄᐃᙱᑦᓯᐊᖅᑐᓂᒃ ᓄᓇᓕᖃᓕᕆᐊᒥᒃ, ᑲᑎᓐᓂᖃᓕᕈᑎᐅᓗᑎᒃ ᐊᒻᒪᓗ ᓇᖕᒥᓂᖅ ᐱᓕᕆᐊᖃᕈᓐᓇᓕᕈᑎᒃᓴᓂᒃ. ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᓄᑦ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐅᐊᔭᒧᖅᑐᓄᑦ ᓴᕕᒐᐅᔭᕋᓛᖅᑯᑎᓂᒃ ᐃᓕᐅᖅᑲᐃᓯᒪᓂᖅ ᐱᐅᓯᒋᐊᕈᑎᐅᓇᔭᖅᒪᑕ ᐱᓕᕆᓂᖅᖃᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᐸᓗᑎᒃ ᐱᓕᕆᓂᐅᔪᓄᑦ ᓱᕐᓗ ᐅᔭᕋᒃᑕᕆᐊᖅᓂᓕᕆᓂᖅᓄᑦ ᐊᒻᒪᓗ ᑕᑯᔭᖅᑐᐃᖅᑲᑦᑕᖅᓂᓕᕆᓂᖅᓄᑦ, ᐃᑲᔫᓯᐊᖅᑖᖅᐸᖕᓂᖅᓄᑦ ᐃᖅᑲᓇᐃᔭᓕᖅᖃᐅᔪᖕᓇᖅᑐᓄᑦ, ᒥᑭᑦᑑᐸᓗᑎᒃ ᐱᓕᕆᕝᕕᖅᑲᖅᑐᑦ ᐱᕙᓪᓕᐊᑎᑕᐅᓂᖕᒋᓐᓄᑦ, ᐃᓅᓯᖕᒋᓐᓄᑦ ᐃᓄᐃᑦ ᐱᐅᓯᕚᓪᓕᕈᑎᐅᓗᑎᒃ, ᐊᒻᒪᓗ ᒥᑭᒃᓕᒋᐊᕈᑕᐅᓯᒪᓕᖅᓗᑎᒃ ᐊᑭᒋᔭᐅᕙᒃᑐᓄᑦ ᐊᒃᔭᖅᑐᐃᔾᔪᑎᓄᑦ ᐃᓄᖕᓂᒃ ᐊᒻᒪᓗ ᐱᖅᑯᑎᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂᑦ ᐊᒻᒪᓗ ᐃᓄᒋᐊᒃᑐᓂᕐᒥᐅᑦ ᓄᓇᒋᔭᖕᒋᓐᓂᑦ ᒫᓂᑑᐸᒥ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᑦ (KivlA) ᖁᔭᓕᕗᑦ ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᐃᓕᓯᖅᑲᓯᐅᑎᓯᒪᓂᖕᒋᑕ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᖅᓇᐅᑎᓂ (DNLUP) ᑐᕌᖕᒐᕝᕕᖅᑲᖅᓱᑎᒃ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᓂᒃ ᐃᓱᒪᒋᐸᓗᒋᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᓇᔭᖅᑐᓄᑦ ᐊᒻᒪᓗ ᐱᔾᔪᑎᐅᓗᐊᖅᑐᓂ ᐃᓕᔭᐅᖅᑲᑕᐅᓯᒪᓂᖕᒋᑕ ᓄᓇᙱᐊᑦ ᐅᐃᒍᒋᔭᐅᐸᓗᑎᒃ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᖅᓇᐅᑎᓄᑦ (DNLUP). ᑭᓯᐊᓂᓗ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᑦ (KivlA) ᐃᓱᒫᓗᒍᑎᖅᑲᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᒋᔭᐅᔪᑦ (NPC) ᐅᖅᑲᐅᓯᒃᓴᓇᓯᒪᔭᖕᒋᓐᓂᒃ ᐃᓱᒪᒋᔭᖅᑲᖅᑲᑕᐅᓚᐅᙱᖅᑰᖅᓂᖕᒋᑕ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᕋᒥᒃ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄ ᐊᖅᑯᑎᓕᐅᕐᓯᒪᓕᕐᓂᐊᕐᓂᕐᒧᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒍ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᔪᓂᒃ ᐊᕙᑎᐅᔪᒥᒃ. 2016-ᒥ KivlA-ᑯᑦ ᐅᖃᓚᐅᖅᓯᒪᖕᒪᑕ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᒥ ᐊᖅᑯᑎᓕᐅᕐᓯᒪᓕᕐᓂᐊᕐᓂᖅ ᓈᒻᒪᒋᔭᐅᓯᒪᓕᕐᑯᐸᓗᒍ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓗᓂ ᑐᕌᖕᒐᕝᕕᐅᔪᓄᑦ ᐊᐅᓚᕐᓯᓂᖅᖃᕝᕕᐅᔪᖅ ᐊᕙᑎᐅᓂᖕᒐᓂᒃ ᐃᓚᖃᖅᑎᑕᐅᓗᑎᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ. ᑖᓐᓇ ᐃᑲᔪᖅᑐᒐᐅᓯᒪᓚᐅᕐᒪᑦ ᐊᓯᖕᒋᓐᓂᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (RIA) ᐊᒻᒪᓗ ᓄᓇᕗᑦ ᑐᙵᕕᒃ ᑎᒥᖕᒐᓐᓂᑦ (NTI). ᑭᓯᐊᓂᓕ ᐊᖏᖅᑲᑎᖅᑲᖕᒫᖅᓯᒪᓕᕋᑎᒃ KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᖕᒐᓐᓂᒃ ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᓂᕈᐊᖅᓱᓯᒪᓕᓚᐅᕐᒪᑕ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᕐᓯᒪᓕᕐᓂᐊᕐᓂᖅ ᐃᓕᔭᐅᓯᒪᓕᕐᓂᐊᕐᓂᖕᒐᓄᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᑦ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᔪᑎᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑎᓄᑦ ᓇᓕᑐᐃᓐᓇᖕᒋᓐᓂᑦ ᑎᒥᒋᔭᐅᔪᓂᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓕᓚᐅᙱᑎᓪᓗᒍ ᑕᐃᒪᓐᓇ ᐱᓕᕆᓂᖅᖃᐅᓕᖅᑯᐸᓗᒍ ᐊᓯᐊᒍᑦ.[37] ᓈᒻᒪᒋᔭᐅᙱᓐᓂᖅᑲᓕᖅᓯᒪᐸᓗᑎᒃ ᐅᖅᑲᖅᑕᐅᖅᑲᑦᑕᖅᓯᒪᓕᖅᒪᑕ NPC-ᑯᑦ ᐅᖅᑲᐅᓯᒃᓴᓇᔭᐅᔪᓂᒃ ᐱᓕᕆᓂᖅᖃᖅᑕᐅᔪᒪᔪᓂᑦ ᐱᔾᔪᑎᒋᐸᓗᒋᑦ ᑕᒪᑐᒪ ᐊᕙᑎᐅᔪᑉ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᕐᓂᖕᒐᑕ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖅᑲᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᑕᐃᒪᓐᓇᐃᓕᖕᒐᒐᓗᐊᖅᑎᓪᓗᒍ ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᑲᔪᓯᐸᓗᑎᒃ ᐃᓱᒪᓕᐅᖅᓯᒪᓕᓚᐅᕐᒪᑕ ᓄᓇ ᐊᕙᑎᒋᔭᐅᔪᖅ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᐊᕐᓂᖕᒐᑕ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᔫᓗᓂ. ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑦ (NPC) ᐃᓕᑕᖅᓯᓯᒪᓕᓚᐅᕐᒪᑕ ᓄᓇᓕᒋᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓚᒋᔭᐅᖅᑲᑕᐅᔪᑦ ᐃᑲᔪᖅᑐᐃᓂᖕᒋᑕ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᖃᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᐊᕐᓂᕐᓂᒃ ᑭᓯᐊᓂᓗ NPC-ᑯᑦ ᓇᓗᓇᐃᔭᐃᓇᓱᓚᐅᖅᑐᑦ ᐃᑲᔪᖅᑐᐃᓯᒪᓂᖅ ᓱᕐᓗ "ᐊᑐᖅᑕᐃᓕᑎᑦᓯᓂᐅᔪᓂᒃ ᓈᒻᒪᒐᔭᙱᑦᑐᓂᒃ ᐊᑐᕆᐊᒥᒃ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕋᔭᖅᐸᑕ". ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᑦ (KivlA) ᑕᒪᒃᑯᓄᖕᒐ ᐊᖏᕈᑎᖅᑲᖅᓯᒪᙱᑦᑐᑦ ᐊᒻᒪᓗ ᑕᐃᒪᓕ ᐃᓱᒪᓕᐅᕈᑎᓕᐅᖅᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᒍᓐᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖅᑲᖅᑎᑕᐅᓗᑎᒃ ᓈᒻᒪᖕᓂᖅᓴᐅᓇᔭᖅᒪᑕ ᓄᓇᕗᒻᒥ ᐃᑲᔪᖅᑐᐃᓂᖕᒋᓐᓂᒃ

[37] ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓈᑦ ᑲᒪᔨᖕᒋᑕ (NPC) ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᖃᖅᓇᔭᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᖅᑯᔭᐅᔪᓗᑎᒃ ᒪᒃᐱᕋᖕᒐ 397

ᓇᓕᖅᑲᓈᓕᖅᑎᑦᓯᒋᐊᕐᓯᒪᔭᕆᐊᖃᕐᓂᕐᒥᒃ ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕐᓗᑎᒃ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐊᓯᖏᓂᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ.[38]

ᐅᖃᖅᑕᐅᓯᒪᓂᖏᑦ ᐃᓚᖓ 5.3.1-1-ᒥ ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒋᑦ ᐅᐃᒪᓇᕐᒪᑕ ᐊᒻᒪᓗ ᑐᑭᓯᓂᕐᓗᒃᑕᐅᓯᒪᔪᖕᓇᕐᓗᑎᒃ, ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᖅᑕᐅᕐᓯᐊᕆᐊᖃᖅᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓂᐊᕐᒪᑕ ᐱᓕᕆᕝᕕᐅᓕᐊᓂᒃᑐᑦ ᐊᒻᒪᓗ ᓴᓇᓂᐅᔪᑦ ᐃᑲᔪᖅᑐᐃᓂᖃᕈᖕᓇᕐᒪᖔᑕ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᓄᓇᑦ ᐊᕙᑎᒋᔭᖕᒋᓂ. ᐅᖃᐅᓯᐅᓯᒪᙱᒻᒥᔪᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᐸ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂ ᓴᕕᒐᐅᔭᕋᓛᓂᒃ ᐃᓕᐅᖅᑲᐃᓯᒪᓕᕐᓂᐊᕐᓂᕐᒧᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᐃᓗᐊᓂ ᓴᕕᒐᐅᔭᕋᓛᓂᒃ ᐱᓕᕆᓂᖅᑲᓕᕐᕕᐅᔪᖕᓇᕐᓂᖓᑕ ᓴᖅᑭᑕᐅᓯᒪᒐᓗᐊᖅᑎᓪᓗᒍ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (KivIA) ᓯᕗᖕᖓᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᑐᓂᔭᐅᓯᒪᓕᓚᐅᖅᑐᓂ.

ᑐᑖᕐᕕᒃᓴᖃᕋᓱᖕᓂᖅᐸᑕ ᐱᕙᓪᓕᐊᑎᑦᓯᔪᖕᓇᓕᖅᑎᑦᓯᒋᐊᒥᒃ ᐊᒻᒪᓗ ᐊᑕᐃᓐᓇᕐᓂᐊᖅᑐᒥᒃ ᐱᓕᕆᕝᕕᐅᓕᕋᔭᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓱᒐᐅᓯᒪᔪᖃᓕᕐᑎᑦᓯᓂᕐᒥᒃ ᐃᑲᔪᖅᑐᐃᔾᔪᑕᐅᓇᔭᖅᑐᓂᒃ ᐊᖅᑯᑎᓕᐅᖅᑕᐅᓯᒪᔪᓂᒃ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᐸᕐᓇᐅᑎᒋᔭᐅᔪᑦ ᐅᖃᖅᑕᐅᓯᒪᓂᖏᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔭᕆᐊᖃᖅᑐᑦ ᖃᓄᖅ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᐊᕐᓂᖏᑕ ᐅᖃᐅᓯᖃᑐᐃᓐᓇᖕᒋᓪᓗᑎᒃ ᓱᓇᐅᖕᒪᖔᑕ ᐊᑐᖅᑕᐅᑦᑕᐃᓕᑎᑦᓯᓂᕐᒥᒃ ᖃᓄᑐᐃᑦᑐᓄᑦ. ᑐᑭᓯᐅᒪᔭᐅᔭᕆᐊᖃᓪᓚᕆᖕᒪᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᐊᕐᓂᖅ ᐊᑐᖅᐸᒃᑐᒃᓴᓂᒃ ᐃᓚᖃᕆᐊᖃᕐᓂᐊᕐᒪᑦ ᐊᑭᓖᕙᒐᔭᖅᑐᓂᒃ ᐊᖅᑯᑎᓂᒃ ᐊᑐᕐᓂᐊᕐᓂᕐᒥᖕᓄᑦ. ᑕᒪᓐᓇ ᑐᑭᖃᕐᒪᑦ ᐃᒪᓐᓇ, ᐃᓚᒋᔭᐅᑎᓪᓗᒍ ᓄᓇᓕᖕᓄᑦ ᐱᔾᔪᓯᕋᕈᑎᕝᕕᒋᓂᐊᖅᑕᒥᖕᓄᑦ, ᐱᕙᓪᓕᐊᑎᑦᓯᓂᕐᒥ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᓂᒃ, ᓱᕐᓗ ᐅᔭᖅᑕᕆᐊᕐᕕᒃᓴᓕᐅᕐᓂᕐᒧᑦ, ᐊᖏᓂᖅᐸᐅᔪᒥᒃ ᑮᓇᐅᔭᓕᐅᕈᑎᐅᓗᑎᒃ ᐱᓕᕆᓂᐅᕙᖕᓂᐊᕐᓗᒃ ᑕᐃᒪᓐᓇᐃᑦᑐᓂᒃ ᐋᖅᑮᓯᒪᓕᕋᔭᕐᓂᕐᒧᑦ ᐊᐅᓚᑦᓯᔪᖕᓇᐅᑎᐅᓂᐊᖅᑐᓂᒃ. ᓄᓇᒋᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐊᑕᐅᓯᐅᐸᓗᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᓕᐅᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᖅ (ᓱᕐᓗ ᐃᖃᓗᓕᐊᓛᖅ) ᖃᓂᑦᑑᐸᓗᑎᒃ ᐊᖅᑯᑎᓕᐅᕐᕕᐅᓯᒪᓇᔭᖅᑐᒥᒃ ᓇᓪᓕᐊᓂᑦ/ᐅᕝᕙᓘᓐᓃᑦ ᐃᓛᒃᑰᖓᓪᓗᑎᒃ ᓴᓇᔾᐅᔪᓂᑦ, ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ, ᒐᕙᒪᑐᖃᒃᑯᑦ ᒐᕙᒪᒋᔭᖕᒋᓐᓂᑦ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᑏᒋᔭᖕᒋᓐᓂᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓂᐊᖅᐸᑕ. ᐅᔭᖅᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᓕᕐᓂᐅᕙᒃᑐᓂᒃ ᐊᒻᒪᓗ ᐅᔭᖅᑕᕆᐊᕐᕕᓕᐅᖅᓯᒪᓕᕐᓂᕐᒧᑦ ᐱᓕᕆᓂᖃᕈᖕᓇᓕᖅᑎᑦᓯᓯᒪᓗᑎᒃ ᐃᓗᐊᓂ ᑭᒡᓕᒋᔭᐅᑎᑕᐅᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂ **(ᑕᑯᓗᒋᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5 ᐊᒻᒪᓗ 6)** ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᐸᓗᑎᒃ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᒃᓴᒧᑦ ᐱᑕᖃᕆᐊᖃᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓈᑦ ᑲᒪᔾᒋᔭᖕᒋᑦ (NPC) ᐃᓱᒪᓕᐅᖅᓯᒪᓕᕋᔭᕐᓂᖅᐸᑕ ᑕᒪᓐᓇ ᐊᕙᑎᒋᔭᐅᔪᖅ ᐋᖅᑭᐅᒪᐃᓐᓇᖅᑎᑕᐅᕐᑯᐸᓗᒍ ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓂᖏᑎᒍᑦ ᐱᑦᔪᑎᒋᐸᓗᒍ ᐱᑕᖃᓕᖅᑎᑦᓯᓯᒪᓇᔭᕐᒪᑕ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᓂᐊᖅᑐᓄᑦ ᑐᙵᕝᕕᒋᔭᐅᓂᐊᖅᑐᓂᒃ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᕐᒧᑦ. NPC-ᑯᑦ ᐊᖏᖃᑎᖃᖅᓯᒪᓕᕐᓂᖅᐸᑕ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᑏᖕᒋᓂᒃ (KivIA) ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᒃᓴᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒍ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᓂᐊᕐᓂᖓᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓗᓂᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓂᖓᑕ ᐊᕙᑎᒋᔭᖓᓄᑦ ᐊᒻᒪᓗ ᒥᐊᓂᓇᔭᐅᓯᒪᓂᖃᓕᖅᑎᑕᐅᓗᓂ ᐱᓕᕆᑦᔪᓯᐅᕙᒍᖕᓇᖅᑐᑦ ᑐᒃᓯᕋᐅᑎᖃᕐᓂᐊᕐᓗᓂ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᓄᓇᕗᒻᒥ.

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓈᑦ ᑲᒪᔾᖏᑦ (NPC) ᐱᑕᖃᓕᖅᑎᑦᓯᕐᑯᔾᓕᑦᑖᖅᐸᑕ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᒃᓴᒧᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖃᖅᑐᓂ (ᐃᓛᓗ ᐊᑭᕐᖅᑐᒐᐅᒐᓗᐊᖅᑎᓪᓗᒍᑦ KivIA-ᑯᓐᓂᑦ), ᐃᓱᒪᓕᐅᕈᑎᖃᖅᓯᒪᖕᒪᑕ ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᑏᖕᒋᑦ (KivIA) ᐃᓚᖓ 5.3.1-1 ᐅᖃᖅᓯᒪᓂᖏᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᐃᒪᓐᓇ ᐅᖃᖅᓯᒪᓕᕐᓗᑎᒃ:

[38] ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓈᑦ ᑲᒪᔾᖏᑦ (NPC) ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᐸᓗᑎᒃ ᒪᒃᐱᕋᖓ 399

"ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕐᓂᒃᓴᒧᑦ ᑕᑯᒃᓴᐅᐸᓗᓂ ᓄᓇᙱᐊᖅ ᐃ-ᒥ ᐊᑐᖅᑕᐅᕙᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᐅᔪᒦᒻᒪᑦ ᐃᓗᐊᓃᖅᑲᑕᐅᐸᓗᑎᒃ ᑕᒪᐃᓐᓂᑦ ᐊᑐᖅᐸᖕᓂᐅᔪᓂᑦ ᐱᖅᑲᓯᐅᑎᓯᒪᓇᒋᑦ ᒪᑯᐊ ᐊᑐᖅᑕᐅᔭᕆᐊᖅᑲᙱᓐᓂᐅᔪᑦ:

(ᐃ) ᐊᑕᐅᓐᓇᕐᓂᐊᖅᑐᒥᒃ ᐱᓕᕆᕝᕕᐅᓕᕋᔭᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓱᒐᐅᓯᒪᔪᖅᑲᓕᕐᑎᑦᓯᓂᕐᒥᒃ, ᐃᑲᔪᖅᑎᐅᐸᓗᑎᒃ ᓴᓇᕝᕕᐅᔪᓂᒃ ᐊᒻᒪᓗ ᖃᓄᑐᐃᓐᓇᖅ ᐊᓯᖕᒋᓂᒃ ᑕᒪᒃᑯᓄᖓ ᑐᕌᖓᐸᓗᑎᒃ ᐱᓕᕆᔾᔪᑎᒃᓴᐅᔪᓂᒃ ᐱᔾᔪᑎᖃᖅᑐᓄᑦ ᓴᓇᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑐᖅᐸᖕᓂᕐᒧᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᒥᒃ;

(ᐅ) ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᑦ ᐊᐅᓚᑦᓯᔪᖕᓇᖅᑎᑦᓯᔾᔪᑎᑦ; ᐃᓚᖅᑲᖅᑎᓪᓗᒋᑦ ᓴᕕᒐᐅᔭᕋᓛᕐᑯᑎᓂᒃ;

(ᐊ) ᖃᓄᐃᑦᑑᒐᓗᐊᖅᐸᑦ ᓯᓚ ᐊᒻᒪᓗ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᑦ; ᐊᒻᒪᓗ

(ᐱ) ᓄᓇᐅᑉ ᖄᖓᓂ ᓴᒡᒐᕐᕕᐅᔪᑦ."

ᑖᑉᑯᐊ ᖁᓛᓂ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐃᓚᒋᐊᖅᑎᑦᓯᒪᕐᑯᔨᓇᖅᑐᑦ ᐅᖃᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᑦᓯᐊᕆᐊᖅᑲᕐᓂᖕᒋᑕ, ᑭᓯᐊᓂᓗ ᐋᖅᑮᓯᒪᓕᕈᑎᐅᓂᐊᕐᓇᑎᒃ ᑕᒪᐃᓐᓂᒃ ᐃᓱᒫᓗᒍᑎᖃᕐᕕᒋᔭᐅᔪᓄᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᑦ (Kivl). ᑕᐃᒪᓐᓇᐃᒃᑲᓗᐊᖅᑎᓪᓗᒋᑦ ᖁᓛᓂ ᐅᖃᖅᓯᒪᓂᖕᒋᑦ, KivlA-ᑯᑦ ᐃᓱᒪᓕᐅᕈᑎᖃᖅᐳᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᑉᓗᒍ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ.

ᐊᓯᐊᑉᑕᐅᖅ ᐃᓱᒫᓗᒍᑎᐅᒻᒪᕆᖕᒥᔪᖅ ᐅᓇᐅᖕᒪᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕋᔭᕐᓂᖅ ᐊᕕᒃᓯᒪᓕᖅᑎᑦᓯᓂᖅᑲᕋᔭᕐᒪᑦ ᒫᓐᓇᐅᔪᒥ ᐱᓯᒪᓕᕈᒪᓐᓂᐅᖅᑲᑕᐅᔪᓂᒃ (ᓱᕐᓗ ᖁᓛᒍᖅᓯᒪᓂᖅᑲᓕᕐᓗᓂ) ᒪᓕᒃᓗᒋᑦ ᐃᓚᖕᒋᑦ 6.1.8-ᖓᓂ ᐅᖃᖅᑕᐅᓯᒪᔪᓃᑦᑐᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐊᒻᒪᓗ ᐸᕐᓇᐅᑎᓄᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓂᖕᒋᑦ ᐃᓚᖓ 6.1.5.1-1-ᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP). ᑖᑉᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐃᓚᐅᑎᑕᐅᑎᑦᓯᙱᑦᑐᑦ ᐱᓕᕆᐊᖑᔪᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᐅᐃᒍᖕᒋᑦ ᐃ-ᖓᓂ ᒪᓕᒋᐊᖅᑲᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᑎᑕᐅᑦᑕᐃᓕᔪᓄᑦ ᐸᕐᓇᐅᑎᓂ ᑭᓯᐊᓂ ᐱᑦᔪᑎᒋᐸᓗᒍ ᑐᕌᖓᓂᖅᑲᕐᓂᖕᒋᓐᓄᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᑲᒃᓴᓂᒃ ᕿᓂᕐᓂᐅᕙᒃᑐᓄᑦ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᖅᑲᓕᐅᕐᓂᕐᓄᑦ. ᖁᔭᒋᔭᐅᓯᒪᒐᓗᐊᕐᓗᑎᒃ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐱᑕᖅᑎᑦᓯᓯᒪᓂᖕᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᑲᒃᓴᓂᒃ ᕿᓂᖅᑲᑦᑕᕐᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᓕᕐᓂᕐᓂᒃ ᒫᓐᓇᐅᔪᒥ ᐱᓕᕆᓂᐅᔪᒪᔪᓂ ᐃᓚᒋᔭᐅᖅᑲᑕᐅᙱᑦᑐᓂ, ᐱᑕᖅᑎᑕᐅᙱᑉᐸᑕ ᐊᓯᖕᒋᓂᒃ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓂᒃ ᑮᓇᐅᔭᓕᐅᕈᖕᓇᕐᓂᖕᒋᑎᒍᑦ ᐊᑐᕐᓂᖅᑲᕐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᖃᓄᑎᒋᐅᔪᖕᓇᕐᓂᖓ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕋᔭᕐᓂᖅ ᑭᒡᓕᖅᑲᓕᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᒪᑦ. ᐱᑦᔪᑎᒋᔭᐅᓪᓗᓂ ᐃᒪᓐᓇ, ᑕᐃᒪᐅᓕᐊᓂᒃᓗᑎᒃ ᐱᓕᕆᓂᖅᑭᒪᔪᓂᒃ ᑎᒍᒥᐊᖅᑎᐅᔪᑦ ᐊᑦᑕᑕᖅᓯᒪᓕᖅᑎᑕᐅᔪᒪᒃᐸᑕ ᐊᐅᓚᔪᖕᓇᐅᑎᒋᔭᐅᔪᓄᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᒥ ᐅᖃᓪᓚᐅᓯᕆᔭᐅᓯᒪᐸᓗᑎᒃ ᐅᐃᒍᖕᒋᑦ ᐃ-ᖓᓂ (ᐊᕙᑎᒋᔭᐅᔪᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᓃᓐᒥᔪᓂ), ᐱᓕᕆᓂᖅ ᐊᔪᖅᑎᑕᐅᓯᒪᓇᔭᕐᒥᖕᒪᑕ ᐱᔾᔪᑎᒋᐸᓗᒍ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓂ ᐊᖅᑯᑎᓕᐅᖅᑕᐅᓯᒪᔪᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᓇᙱᓐᓂᖕᒋᑕ ᐃᓗᐊᓃᒃᑯᑎᒃ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᑕ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᑕ. ᑕᐃᒪᓕ ᑕᒪᓐᓇ ᖃᓄᑐᐃᓐᓇᖅ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᓇᖅᑐᑦ ᓇᖕᒥᓂᖅ ᐱᑕᖅᑲᓕᖅᑎᑦᓯᔭᕆᐊᖅᑲᕋᔭᕐᓂᖕᒋᓐᓂᒃ ᐅᐊᔭᒡᖅᑐᕐᑯᑎᖃᖅᑎᑦᓯᔾᔪᑎᓂᒃ ᐊᒻᒪ ᐊᑭᒋᕙᒃᑕᖕᒋᑦ ᐊᒥᓱᙱᕆᐊᖅᓯᒪᓕᕋᔭᕐᓗᑎᒃ ᐊᒻᒪ ᐃᓚᒋᐊᕈᑎᐅᓯᒪᓕᕐᓗᑎᒃ ᐳᔪᕐᓗᒃᑕᖃᓕᖅᑎᑦᓯᓂᐅᕙᒃᑐᓄᑦ. ᓈᒻᒪᖕᓂᖅᓴᐅᔪᒃᑯᑦ ᑕᒪᓐᓇ ᐃᓕᖓᓐᓂᐅᔪᖅ ᐋᖅᑭᒋᐊᖅᑎᑕᐅᓯᒪᕈᐸᓇᕋᔭᕐᑐᖅ ᑕᒪᐃᓐᓂᑦ ᐊᑐᖅᑕᐅᔪᖕᓇᓕᖅᑎᑦᓯᓯᒪᓗᑎᒃ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᓂ ᑭᓯᒥᑐᐊᖅ

ᐅᔭᖅᑕᕆᐊᖁᒃᓴᓂᒃ ᕿᓂᕐᓂᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐅᔭᖅᑕᕆᐊᓂᒃ ᐱᓕᕆᓂᖅᑲᖅᑎᑕᐅᔪᓐᓇᙱᓪᓗᑎᒃ. ᑕᒪᓐᓇ ᐃᑲᔪᕈᑎᐅᓕᕋᔭᕐᒪᑦ ᐱᓕᕆᓂᐅᔪᓄᑦ ᐃᓚᒋᔭᐅᓂᖓᑕ ᐅᖅᑲᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᐅᐃᒍᖏᑦ ᐸ-ᒥ ᐊᓯᒃᑲᓐᓂᖓᒍᑦ ᐸᕐᓇᐅᑎᓂᒃ ᐋᖅᑭᒋᐊᕈᑎᖅᑲᓕᖅᑯᔨᓗᑎᒃ ᐱᓕᕆᓂᖅᑲᕆᐊᖅᑲᓕᖅᓂᐊᕋᑎᒃ ᐱᕙᓪᓕᐊᑎᕐᓯᓯᒪᓕᕋᔭᕐᓂᕐᒥᒃ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᓯᒃᑲᓐᓂᖏᓂᒃ. ᐊᐃᐱᕆ 6, 2022-ᒥ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᑦ (NPC) ᓴᖅᑮᓯᒪᓕᓚᐅᕐᒪᑕ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᒻᒥ ᓄᓇᑦ ᐊᑐᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ ᐊᐱᖅᑯᑎᐅᓯᒪᔪᓂᒃ ᑭᐅᔾᔪᑎᓂᒃᓗ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ.

ᐊᐱᖅᑯᑎᐅᓯᒪᔪᖅ 7-ᖓᓂ ᐅᖅᑲᖅᓯᒪᖓᒪᑕ:

> *ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᑦ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᑎᒍᑦ ᐱᔪᓐᓇᐅᑎᑎᒍᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖅᑭᒪᓂᐅᔪᑦ ᐃᓚᐅᖅᑕᐅᑎᑕᐅᓂᐊᙱᑦᐸᑦ ᐱᓕᕆᓂᖅᑲᖅᑕᐃᓕᑎᑕᐅᓯᒪᓂᕐᓄᑦ (ᓱᕐᓗ ᓴᖓᕐᖁᖅᓂᒃ ᐅᕙᓘᓐᓃᑦ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓂ ᑐᕌᖓᐸᓗᑎᒃ ᐅᔭᖅᑕᕆᐊᖁᒃᓴᓂᒃ ᕿᓂᖅᐸᖅᓂᕐᓂᒃ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑎᕐᓯᓂᐅᕙᒃᑐᓂᒃ) ᐱᓕᕆᕝᕕᒋᓯᒪᓕᐊᓂᒃᑕᖏᓐᓃᑦᑐᓂ?*

ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖏᑦ (NPC) ᑭᐅᔾᔪᑎᒋᓯᒪᔭᖏᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᓯᒪᕗᑦ ᑕᒪᒃᑯᓄᖓ ᑐᕌᖓᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᑦ ᓱᕐᓗ ᓴᖓᕐᖁᐅᔪᓂᒃ, ᐅᕙᓘᓐᓃᑦ ᓯᓚ ᖃᓄᐃᒃᑲᓗᐊᖅᐸᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᑦ ᐃᓚᐅᖅᑕᐅᑎᑕᐅᓂᐊᙱᒻᒪᑕ ᑭᓯᐊᓂᓕ ᐊᐱᖅᑯᑎᐅᓯᒪᔪᒧᑦ ᑭᐅᓯᒪᙱᑦᑐᑦ ᐃᓱᒪᒋᓗᒍ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐱᔾᔪᑎᖅᑲᖅᑐᑦ. ᓱᕐᓗ ᖁᓛᓂ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᖓᒪᑦ, ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖏᑦ ᐃᓕᖓᓐᓂᖅᑲᖅᒪᑕ ᐃᒪᓐᓇ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᑦ ᑐᕌᖓᐸᓗᑎᒃ ᑕᐃᒪᐅᓕᐊᓂᒃᓗᑎᒃ ᐱᓕᕆᐊᑦ ᐃᓚᒋᔭᐅᖅᑲᐅᑎᑕᐅᓂᐊᙱᒻᒪᑕ ᐱᓕᕆᓂᖅᑲᖅᑕᐃᓕᑎᑦᓯᓂᐅᔪᓄᑦ. KivIA-ᑯᑦ ᑎᓕᐅᕆᖓᒪᑕ ᓇᓗᓇᐃᕆᐊᖁᐅᓯᒪᓕᕈᒪᐸᓗᑎᒃ NPC-ᑯᓐᓂᑦ ᑕᒪᑐᒪ ᐱᒻᒪᕆᐅᐸᓗᓂ ᐱᕙᓪᓕᐊᔪᓕᕆᓂᐅᓕᖅᓯᒪᔪᒧᑦ.

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖏᑦ (KivIA) ᐃᓱᒪᓕᐅᖅᐳᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᑯᑎᓕᐅᕐᓯᒪᓕᕐᓂᐊᕐᓂᖅ ᐊᖏᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᕐᑯᐸᓗᒍ ᐊᒻᒪᓗ/ᐅᕙᓘᓐᓃᑦ ᐅᐃᒍᒋᐊᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒍ ᓯᓚᑖᒍᓕᖅᑎᑕᐅᓗᓂ ᑕᐃᒪᐅᓕᐊᓂᒃᓗᓂ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓂᖓ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᐅᔪᐸ ᐊᑦᑕᑦᑕᖅᓯᒪᓕᖅᑎᑕᐅᓂᐊᕐᓗᓂ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᒻᒪᓗ ᑭᖑᓂᐊᓂ ᐅᔭᖅᑕᕆᐊᖁᓕᐅᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᓄᑦ ᐱᓕᕆᔪᖕᓇᓕᖅᑎᑕᐅᓗᑎᒃ ᐅᖅᑲᖅᑕᐅᓯᒪᓂᖏᑎᒍᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᐸ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP).

ᐃᓚᖓ 6.1.5.1 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᐸ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᓇᓗᓇᐃᔭᐃᓯᒪᖓᒪᑕ ᐸᕐᓇᐅᑎᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓕᕆᐊᖅᑲᓂᖏᑕ ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕈᖕᓇᕐᓂᐊᕐᒪᑕ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓂ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᖕᓇᕐᑯᐸᓗᒋᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᖓᒪᑕ ᐃᓗᐊᓂ. ᐅᖅᑲᖅᑕᐅᓯᒪᓂᖏᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᕆᐊᖅᑲᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᓐᓂᑦ (NPC) ᐸᕐᓇᐅᑏᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᔭᕆᐊᖅᑲᕐᓂᐊᕐᒪᖔᑕ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᐅᔪᖅ ᐊᖏᒡᓕᒋᐊᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᑯᐸᓗᒍ ᓯᓚᑖᒍᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᐊᓂᒃᓗᓂ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒥᑦ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖏᑦ (KivIA) ᐃᓕᖓᓐᓂᖅᑲᖅᒪᑕ ᐸᕐᓇᐅᑎᓄᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᔾᔪᑎᒃᓴᓂᒃ ᐱᑕᖅᑲᕆᐊᖅᑲᖅᑎᑕᐅᔭᕆᐊᖅᑲᖕᒋᓐᓂᖏᑕ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒥᒃ ᐊᖏᒡᓕᒋᐊᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᑯᐸᓗᒍ ᐱᔪᑎᖅᑲᖅᓯᒪᓗᑎᒃ ᐊᑦᑕᑦᑕᖅᓯᒪᓕᕈᑎᒋᔭᐅᓂᐊᕐᒪᑦ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᒻᒪᓗ ᑭᖑᓂᖓᓂ ᐅᔭᖅᑕᕆᐊᖁᓕᐅᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᓄᑦ. ᐸᕐᓇᐅᑎᓄᑦ ᐋᖅᑭᒋᐊᕈᑎᒃᓴᓂᒃ ᐱᑕᖅᑲᓕᕆᐊᖅᑲᖅᑎᑦᓯᓂᖅ ᓄᓇᐅᐸ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᓄᑦ ᑭᖑᕙᕆᐊᖅᑎᑦᓯᓯᒪᓕᑐᐃᓐᓇᕆᐊᖅᑲᕐᒪᑦ ᐊᒻᒪᓗ ᓄᖅᑲᖅᑎᑦᓯᓯᒪᓕᕈᑎᐅᓗᓂ ᖃᓄᑐᐃᓐᓇᖅ ᐱᓕᕆᐊᖑᔪᑦ ᑲᔪᓯᑎᑕᐅᓯᒪᔪᖕᓇᕐᓂᖏᓐᓄᑦ.

ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐊᓯᔾᔨᖅᑕᐅᓯᒪᓕᕐᑯᔭᐅᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᖕᓇᖅᓯᓂᐊᕐᒪᑕ ᐃᓱᒫᓗᒍᑎᖃᕐᖁᐅᔪᑦ ᑐᕌᖓᐸᓗᑎᒃ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᖁᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒧᑦ

Δ) ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒍ ᐊᑐᖅᑕᐅᕙᒍᓐᓇᖅᑑᓂᖓᓂᒃ ᒪᓕᒐᒃᓴᖅᑲᖅᑎᑕᐅᓗᑎᒃ;

ᐅ) ᐊᖏᒡᓕᒋᐊᖅᑕᐅᔪᒪᓂᖓ ᐊᒻᒪᓗ/ᐅᕝᕙᓘᓐᓃᑦ ᐅᐃᒍᒋᐊᖅᑕᐅᔪᒪᓂᖓ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑭᑎᓕᐅᒐᐅᓯᒪᔪᒧᑦ ᓯᓚᑖᒍᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔾᓗᓂ ᐊᖅᑯᑎᓕᐅᖅᑕᐅᕝᕕᐅᓯᒪᔪᒥᑦ ᐊᑦᑕᑕᖅᓯᒪᓕᕈᑎᐅᓂᐊᕐᓗᓂ ᑕᐃᒪᐅᓕᐊᓂᒃᓗᑎᒃ ᐊᒻᒪᓗ ᑭᖑᓂᖓᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᒥ ᐱᓕᕆᐊᖑᔪᓄᑦ ᓈᒻᒪᒋᔭᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᓐᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔾᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐊᒻᒪᓗ ᐸᕐᓇᐅᑎᓄᑦ ᐋᖅᑭᒋᐊᕈᑎᒃᓴᓂᒃ ᐱᑕᖃᓕᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᐊᖏᒻᒪᑕ; ᐊᒻᒪᓗ

ᐊ) ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᑎᒪᔨᖏᑦ (NPC) ᕿᐱᓗᒃᓯᒪᒃᐸᑕ ᑭᕙᓪᓕᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᕐᑲᑎᒌᖏᑕ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᖓᓐᓂᒃ (Δ) ᑕᐃᒪᓕ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᐅᖃᖅᓯᒪᓂᖏᑦ ᐃᓚᖓ 5.3.1-1-ᒥ ᐃᒪᓐᓇ ᐅᖃᖅᓯᒪᓕᕐᓂᐊᕐᓗᑎᒃ:
"ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᖅ ᑕᑯᒃᓴᐅᐸᓗᓂ ᓄᓇᙱᐊᖅ ᐃ-ᖓᓂ ᐋᖅᑭᒃᓱᐊᖑᓯᒪᖕᒪᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᓄᑦ ᐊᕙᑎᒋᔭᐅᐸᓗᓂ ᐃᓗᐊᓃᑦᓗᓂ ᑕᒪᐃᓐᓄᑦ ᐊᑐᖅᐸᖕᓂᐅᔪᓄᑦ ᐱᖃᓯᐅᑎᓯᒪᙱᑦᓗᒋᑦ ᒪᑯᐊ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔭᕆᐊᖃᙱᑦᑐᑦ:

(Δ) ᐊᑕᐃᓐᓇᖅᑐᒥᒃ ᐱᓕᕆᕝᕕᐅᓕᕋᔭᖅᑐᑦ ᐊᒻᒪᓗ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᑦ, ᐃᑲᔪᖅᑎᒃᓴᐅᐸᓗᑎᒃ ᓴᓇᕝᕕᐅᔪᑦ ᐊᒻᒪᓗ ᖃᓄᑐᐃᓐᓇᖅ ᐊᓯᖏᑦ ᑐᕌᖓᐸᓗᑎᒃ ᐱᓕᕆᔾᔪᑎᓄᑦ ᑐᕌᖓᔪᑦ ᓴᓇᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒥᒃ ᐊᑐᖅᐸᖕᓂᕐᓄᑦ;

(ᐅ) ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᑦ, ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᓴᕕᒐᐅᔭᕋᓛᓕᖅᑐᐃᓂᕐᓂᒃ;

(ᐊ) ᖃᓄᐃᑦᑑᒐᓗᐊᖅᐸᑦ ᓯᓚ ᐊᒻᒪᓗ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ, ᐊᒻᒪᓗ

(ᐱ) ᓴᒡᒐᕐᕕᐅᔪᑦ."

ᐊᐱᖅᑯᑎᐅᓯᒪᔪᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᓐᓄᑦ (NPC) ᑐᕌᖓᑉᐳᑎᒃ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒧᑦ

ᐃ) ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᔭᕆᐊᖃᕐᓂᐊᖅᐸᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᖅ ᐊᖏᒡᓕᒋᐊᖅᑕᐅᔪᖕᓇᕐᑯᐸᓗᒍ ᓯᓚᑖᒍᑦ ᐱᓕᕆᕝᕕᖃᖅᑐᑦ ᐱᓕᕆᓂᖃᕐᕕᒋᓕᐊᓂᒃᑕᖓᑕ ᐊᖅᑯᑎᓕᐅᖅᑕᐅᓯᒪᔪᒧᑦ ᑕᐃᒪᐅᓕᐊᓂᒃᓱᑎᒃ ᐊᒻᒪᓗ ᑭᖑᓂᐊᓂ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ?

ᐅ) 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᒥᑭᑦᑐᒻᒪᕆᖕᒥᒃ ᓇᓃᓐᓂᖓᑕ ᐃᖏᕋᕝᕕᐅᕙᖕᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓕᕆᓂᕐᒥ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᓄᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᖕᒪᑕ. ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑎᑕᐅᓂᖓ ᓇᓃᓐᓂᖓᑕ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓄᑦ ᐱᑕᖃᕆᐊᖃᑦᓚᕆᒪᑦ ᓯᕗᓂᕐᒥ ᐃᑲᔪᖅᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓ ᐱᓗᐊᖅᑐᒥᒃ, ᐊᒻᒪᓗ ᓄᓇᕗᑦ ᐅᖃᐅᓯᕆᖃᑕᐅᓯᒪᖕᒥᓗᒍ. ᐱᓗᐊᖅᑐᒥᒃ, ᑭᒡᓕᖃᓕᖅᑎᑦᑎᓯᒪᓂᖅ ᖃᓄᑎᒋ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᖅ, ᐃᓱᒪᒋᔭᐅᖃᑕᐅᓯᒪᙱᒻᒪᑦ ᐅᐊᔭᐅᑎᓕᕆᔾᔪᑎᒃᓴᑦ, ᐃᖏᕋᕝᕕᒃᓴᑦ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓕᕆᓂᕐᒥ ᐊᖅᑯᑎᑦ ᑕᐃᒪᐅᔭᕆᐊᖃᕐᓂᐊᕐᒪᑕ ᓇᓂᑐᐃᓐᓇᖅ ᐱᓕᕆᓂᖃᓕᕋᔭᖅᐸᑕ ᑕᒪᒃᑯᓂᖓ ᐊᑐᕆᐊᖃᕐᓂᐊᕐᓗᑎᒃ. ᓇᓕᑐᐃᓐᓇᖏᑦ ᐱᕙᓪᓕᐊᑎᕐᓯᓂᐅᔪᑦ ᑮᓇᐅᔭᑎᒍᑦ ᐊᑐᕐᓂᖃᕐᓂᐊᕈᑎᒃ ᐊᑐᐃᓐᓇᐅᕝᕕᐅᔭᕆᐊᖃᕐᓂᐊᕐᒪᑕ ᐅᐊᔭᐅᑎᓕᕆᔾᔪᑎᓂᒃ, ᐃᖏᕋᕐᕕᒃᓴᓂᒃ ᐊᒻᒪᓗ ᑐᓴᐅᒪᖃᑦᑕᐅᑎᓕᕆᔾᔪᑎᓄᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᓂᒃ. ᐃᓕᑕᕆᔭᐅᓯᒪᓂᖃᕐᓂᐊᖅᐸᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᑕᒪᒃᑯᐊ ᐱᑕᖃᕆᐊᖃᕐᓂᐊᕐᓂᖏᑦ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᑦ ᐱᓕᕆᐊᖑᓗᑎᒃ ᐃᓛᒃᑰᖓᓗᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᓴᖅᑭᐸᐸᓪᓕᐊᓂᖏᓐᓂᒃ ᐱᖃᓯᐅᑎᓯᒪᓇᒋᑦ ᐸᕐᓇᐅᑎᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓕᕐᓇᐊᖃᕐᕕᒃᓴᖏᓂᑦ?

ᐊ) ᓴᓇᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐱᓕᕆᕝᕕᐅᓕᐊᓂᒃᑐᑦ ᐃᑲᔪᖅᑐᐃᓂᖃᖅᐸᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᐸᓗᑎᒃ ᑭᕙᓪᓕᕐᒥ ᓄᓇᓕᒋᔭᐅᔪᑦ ᐊᖅᑯᑎᑎᒍᑦ ᐊᑦᑕᑕᖅᓯᒪᓂᖃᓕᕈᑎᒃᓴᖏᓐᓄᑦ ᐱᓕᕆᓂᐅᔪᒪᓕᖅᓯᒪᔪᑦ ᐃᓕᔭᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP)? [39]

5. ᐃᒥᕆᔭᐅᔪᒃᓴᐅᓂᐊᕐᓱᓂ ᐃᒥᖅ

ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔭᕆᐊᖃᕐᓂᖓ ᐃᒥᕆᔭᐅᔪᒃᓴᐅᓂᐊᕐᓱᓂ ᐃᒥᖅ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓂᑦ ᓯᕗᓪᓕᖅᐸᐅᑎᑕᐅᔭᕆᐊᖃᖅᑎᑕᐅᕗᖅ, ᓄᓇᓕᖕᓃᒃᑲᓗᐊᖅᐸᑕ ᐅᕙᓘᓐᓃᑦ ᓇᓂᑐᐃᓐᓇᖅ ᑭᕙᓪᓕᐅᑉ ᐊᕙᑎᒋᔭᖕᒐᓂ. ᐊᐅᓚᑦᓯᓂᐅᔪᖅ ᓄᓇᓕᐅᔪᒥ ᐃᒥᕆᔭᐅᔪᒃᓴᒥᒃ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐱᑕᖃᖅᑎᑕᐅᓯᒪᕗᖅ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓂ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑎᒍᑦ ᐃᒥᕆᔭᒃᓴᓂᒃ ᐱᕝᕕᐅᖃᑦᑕᖅᑐᓂᑦ ᓯᓚᑖᓃᑦᑑᐸᓗᑎᒃ ᓄᓇᓕᐅᔪᒥ ᐊᐅᓚᑦᓯᓂᐅᔪᑦ ᑭᒡᓕᒋᔭᖏᑦᑕ, ᐱᖃᓯᐅᑎᓯᒪᓇᒍ ᖃᒪᓂᑐᐊᑉ ᐊᒻᒪᓗ ᖁᕐᓗᖅᑑᑉ ᓄᓇᒋᔭᖏᑦ, ᓇᓗᓇᐃᖅᑕᐅᓯᒪᖕᒪᑕᓕ ᐊᑐᕐᓂᖃᖅᑎᑕᐅᔪᑦ ᐃᓅᓯᓕᕆᓂᕐᒥ-ᑮᓇᐅᔭᓕᐅᕋᓱᐊᕐᓂᓕᕆᓂᕐᒥ ᐃᓚᒋᔭᐅᖃᑕᐅᔪᓄᑦ. ᐃᒪᓐᓇ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivIA) ᐃᑲᔪᖅᑐᐃᓂᖃᕐᒪᑕ ᐊᑯᑉᓕᓈᓕᖅᑎᓯᒪᑉᐳᑎᑦ ᐱᓕᕆᓂᖃᕐᓂᐅᔪᓄᑦ ᐊᐅᓚᑦᓯᔾᔪᑎᐅᓂᐊᕐᓱᑎᒃ ᓄᓇᓕᐅᔪᒥ ᐃᒥᕆᔭᐅᔪᒃᓴᓂᒃ.

[39] ᐳᕐᓂᑦ, ᐃᔅ., 2022. ᓄᓇᕗᒻᒥ ᑐᓴᒐᒃᓴᐃᑦ, ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᑦ ᓯᕗᓪᓕᖅᐸᐅᑎᑕᐅᓕᖅᓯᒪᕗᑦ ᒪᓕᒐᓕᐅᕐᑎᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᑦ.

ᑕᐃᒪᓐᓇᐃᒃᑲᓗᐊᖅᑎᓪᓗᒍᓗ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᑏᖕᒋᑦ (KivlA) ᐃᓱᒫᓗᒍᑎᖅᑲᖕᒪᑕ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᑦ ᑐᓂᔭᐅᓯᒪᓂᖕᒋᓐᓄᑦ ᓄᓇᓕᖕᒐᑕ ᐊᕐᕕᐊᑦ. ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖅᑲᖅᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᖅᑯᔭᐅᔪᓗᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᖃᓄᖅ ᑐᑭᖅᑲᓕᖅᑎᓯᒪᖕᒪᖔᖅᒥᔾᔪᒃ ᐱᑕᖅᑲᖅᑎᑦᓯᓯᒪᕗᑦ ᓂᕈᐊᖅᓘᓚᐅᖅᓂᖅᒧᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᓄᓇᒋᔭᐅᔪᓂ ᐃᒥᕆᔭᐅᔪᒃᓴᐅᓂᐊᖅᓗᓂ ᐃᒥᖅᑲᖅᑎᑦᓯᓂᖅᒧᑦ ᓯᓚᑖᓃᑦᑐᓂᑦ ᓄᓇᓕᐅᔪᒥ ᐊᐅᓚᑦᓯᓂᖅᑲᖅᕕᐅᔪᑦ ᑭᒡᓕᒋᔭᖕᒋᑕ ᐅᖅᑲᖅᓯᒪᓂᖅᒥᑎᒍᑦ ᐱᑕᖅᑲᑦᓯᐊᙱᓐᓂᕋᐃᔪᓗᑎᒃ ᓄᑕᐅᓕᕆᐊᒃᑲᓐᓂᕈᖕᓇᖅᑐᑎᒍᑦ ᐱᓯᒪᓕᖅᕕᒃᓴᖅᑕᖅᑲᑦᓯᐊᙱᓐᓂᖕᒐᓂᒃ ᑕᐅᕙᓂ ᐊᕙᑎᒋᔭᐅᔪᒥ. ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3-ᖕᒐ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5-ᖕᒐ ᐃᓱᒪᒋᔭᖅᑲᖅᑕ ᑕᒪᓐᓇ ᐊᕙᑎᒋᔭᐅᔪᖅ ᖁᑦᓯᒃᑐᒻᒪᕆᖕᒥᒃ ᐱᕈᒃᑲᓐᓂᕈᖕᓇᙱᑦᑐᖁᑎᓂᒃ ᐱᑕᖅᑲᑦᓂᖕᒐᓄᑦ. ᐃᓚᐅᑎᑕᐅᓯᒪᙱᑦᓴᕆᐊᖅᑲᖅᑕ ᑕᒪᑐᒪ ᑕᑯᓐᓇᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᖁᓇᐅᑎᓂ (DNLUP). ᐃᓚᒋᔭᖕᒋᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓗᑎᒃ ᐱᓕᕆᓂᖅᑲᖅᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᓂᖅᓄᑦ ᐃᓕᔭᐅᓯᒪᓕᕈᖕᓇᖅᐳᑦ ᑕᒡᕗᖕᒐ ᐊᕙᑎᒋᔭᐅᔪᒧᑦ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑎᑕᐅᓂᖕᒋᓐᓂ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᓂᐅᔪᑦ ᑕᒡᕗᖕᒐ ᐊᕙᑎᒋᔭᐅᔪᒧᑦ ᐊᑭᕋᖅᑐᒐᐅᓂᖅᑲᖅᒪᑦ (ᓈᒻᒪᒋᔭᐅᙱᒻᒪᑦ). ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᑕᐃᒪᐅᖕᒥᖕᒪᑕ ᓄᓇᐅᑉ ᖄᖕᒋᑦ ᐊᒻᒪᓗ ᓄᓇᐅᑉ ᐃᓗᐊᓃᓪᓗᑎᒃ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖕᒋᑦ (IOL) ᐊᒻᒪᓗ ᑕᐃᒪᐅᓕᐊᓂᒃᓗᑎᒃ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᓇᖕᒥᓂᕆᔭᐅᓂᕋᖅᓯᒪᔪᑦ ᑕᒪᑐᒪ ᐊᕙᑎᒋᔭᖕᒐᓂ. ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᓂᖕᒋᑦ ᐊᔾᔨᒋᙱᓕᖅᓂᐊᖅᒪᒋᑦ ᐱᓯᒪᓕᖅᑕᐅᔪᒪᔪᓂᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᑏᖕᒋᓐᓂᑦ (KivlA) ᐱᔾᔪᑎᒋᓪᓗᒍ KivlA-ᑯᑦ ᐊᐅᓚᑦᓯᓂᖅᑲᕆᐊᒥᒃ ᑕᐃᔪᑯᓂᖕᒐ ᓄᓇᓂᒃ ᐊᔪᓕᖅᓂᐊᖅᒪᑕ ᐱᓕᕆᓂᖅᑲᖅᓗᑎᒃ ᑮᓇᐅᔭᓕᐅᕈᖕᓇᖅᓂᖅᒥᒃᑎᒍᑦ ᐊᔪᙱᑦᓯᐊᓕᕈᑎᐅᓇᔭᖅᑐᓄᑦ. ᐃᓕᔭᐅᖅᑲᑕᐅᓯᒪᔪᑦ **ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 7-ᖕᒐ** ᓄᓇᙱᐊᓕᐊᖑᓯᒪᕗᖅ ᑕᑯᒃᓴᐅᑎᑦᓯᓯᒪᔪᓗᓂ ᐅᔭᕋᒃᑕᕆᐊᖅᑎᓂᑦ ᓇᖕᒥᓂᕆᔭᐅᓂᕋᖅᑕᐅᓯᒪᕝᕕᖕᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖕᒐᓂᒃ ᐊᒻᒪᓗ ᓄᓇᓂᒃ ᓇᖕᒥᓂᖅᑲᖅᑎᐅᓂᕐᒧᑦ ᐊᕙᑎᒋᔭᖕᒐᓂ ᐊᕐᕕᐊᑦ ᓄᓇᖕᒐᑕ.

ᓱᕐᓗ ᑕᑯᓐᓇᕐᒪᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 7-ᖕᒐᓂ, ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓂᖕᒐ ᓄᓇᒋᔭᐅᔪᒥᑦ ᐃᒥᕆᔭᐅᔪᒃᓴᐅᓂᐊᕐᕕᓂ ᐃᒥᖅᑲᕐᕕᐅᕙᖕᓂᐊᕐᓂᖕᒐᖕᒐᓂᒃ ᐃᒥᕐᑯᑎᒃᓴᖅᑖᕐᕕᐅᔪᑦ ᓯᓚᑖᓃᓪᓗᑎᒃ ᓄᓇᒋᔭᐅᔪᒧᑦ ᐊᐅᓚᑦᓯᓂᖅᑲᖅᕕᐅᔪᑦ ᑭᒡᓕᒋᔭᖕᒋᑦᑕ (ᐃᓚᖅᑲᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐊᕐᕕᐊᑦ ᓄᓇᖕᒐᓂᒃ) ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᓂᖕᒋᓐᓂᒃ ᐊᓯᐊᒎᖅᓯᒪᓂᖅᑲᓕᖅᓂᐊᕐᒪᑕ ᐱᐅᓂᖅᐹᑎᒍᑦ ᐱᓯᒪᓕᕈᒪᓂᓇᔭᖕᒋᓐᓂᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᑏᖕᒍᔪᑦ. ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᐃᓕᔭᐅᓯᒪᔪᖕᓇᕐᒪᑕ ᒥᐊᓂᖅᓯᔾᔪᑎᐅᓂᐊᕐᓗᑎᒃ ᓄᓇᒋᔭᐅᔪᒧᑦ ᐃᒥᓇᔭᐅᔪᒃᓴᐅᓂᐊᕐᓗᑎᒃ ᐃᒥᕐᒧᑦ ᐊᒻᒪᓗ ᑕᐃᒪᐅᑎᓪᓗᒍ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᑦ (IOL) ᐊᐅᓚᑕᐅᔪᖕᓇᓕᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᒪᓕᒃᑎᑕᐅᓗᑎᒃ ᐃᓄᐃᑦ ᐱᓯᒪᓕᕈᒪᔭᖕᒋᓐᓂᒃ, ᐅᔭᕋᒃᑕᕆᐊᖅᑎᓂᑦ ᓇᖕᒥᓂᕐᑯᑎᒋᔭᐅᓂᕋᖅᑕᐅᓯᒪᔪᑦ ᐱᔭᐅᓯᒪᓕᕋᓱᐊᕐᓂᐊᖅᑎᓪᓗᒋᑦ, ᐊᒻᒪᓗ ᐱᓕᕆᓂᖅᑲᖅᕕᐅᓕᐊᓂᒃᑐᓂ ᐱᓕᕆᐊᖑᔪᑦ ᑲᔪᓯᑎᑕᐅᓯᒪᓕᕐᓗᑎᒃ. ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐃᒪᓐᓇᐃᓐᓂᐊᕐᒪᑕ ᓄᓇᒋᔭᐅᔪᒥ ᐃᒥᕐᑯᑎᒃᓴᕆᔭᐅᔪᓄᑦ ᐃᒥᖅᑖᕐᕕᐅᕙᒃᑐᖅ ᐊᕐᕕᐊᓂ ᓯᓚᑖᓃᓐᓂᐊᕐᒪᑕ ᓄᓇᓕᐅᔪᒥ ᐊᐅᓚᑦᓯᓂᐅᔪᑦ ᑭᒡᓕᒋᔭᖕᒋᑕ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕐᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᒍᖕᖕᓇᖅᑐᓂᒃ ᒪᓕᒐᒃᓴᖅᑲᖅᑎᑕᐅᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᓂᖕᒐᑕ.

6. ᓄᓇᒋᔭᐅᔪᑦ ᐊᕙᑎᖕᒋᓐᓃᑦᑐᑦ ᐱᓕᕆᓂᖅᑲᖅᕕᐅᔪᒪᔪᑦ

ᐊᕐᑭᐊᕈᖅᓇᒃ (Duke of York Bay) (ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ)-

ᑕᒪᑐᒪ ᐊᕙᑎᒋᔭᖕᒐ ᖃᓕᓈᒃᓯᒪᓂᖅᑲᖅᒪᑦ 139 km²-ᓂᒃ (ᑭᓗᒦᑕᓂᒃ) ᓄᓇᐅᑉ ᖄᖕᒐᓂ ᓄᓇᖁᑎᒋᔭᐅᔪᓂᑦ (IOL). ᓯᕗᓂᐊᒍᑦ ᑐᒃᓯᕋᐅᑕᐅᓚᐅᖅᒪᑦ ᐊᕐᑭᐊᕈᖅᓇᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᑯᑉᓗᒍ ᐊᐅᓚᑦᓯᓂᖅ ᓄᓇᒧᐊᖅᐸᓪᓕᐊᑉᓗᓂ ᐊᕙᑎᒋᔭᐅᓂᖕᒐᓂᒃ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑦᑑᑎᓪᓗᒍ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑎᑏᖕᒋᑦ (KivlA) ᐊᑭᕋᖅᑐᐃᔾᔪᑎᖅᑲᖅᒪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᓂᖕᒐᓂ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᓂᖕᒐᓂᒃ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᓗᓂ. KivlA-ᑯᑦ ᑖᑉᓱᒥᖕᒐ ᐊᕙᑎᒋᔭᐅᔪᒥᒃ ᐋᖅᑭᒃᑕᐅᓯᒪᓕᖅᑯᔨᖕᒪᑕ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᖅᑑᓕᖅᑎᑕᐅᓗᓂ ᒪᓕᒐᒃᓴᖅᑲᖅᑎᑕᐅᓗᑎᒃ. ᓄᓇᕗᒻᒥ ᐸᖅᓇᐃᓐᑦ ᑲᒪᔨᖕᒋᑦ (NPC)

ᐊᖏᕈᑎᖃᖅᓯᒪᙱᑉᐸᑕ KivlA-ᑯᑦ ᑐᒃᓯᕋᐅᑎᒋᓯᒪᔭᖓᓐᓄᑦ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐃᓱᒪᓕᐅᕈᑎᖃᖅᑐᑦ ᐊᕙᑎᒋᔭᐅᔪᖅ ᐊᖏᓂᖃᖅᑑᓗᓂ 139 km²-ᓂᒃ ᓄᓇᐅᑉ ᖄᖓᓂ ᐃᓄᐃᑦ ᓄᓇᖁᑎᖓᑦ (IOL) ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖁᑉᓗᒍ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᓂᖓᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᓂᖓᓄᑦ. ᒫᓐᓇᐅᔪᖅ ᑕᒪᓐᓇ ᐊᕙᑎᒋᔭᖓᑦ ᓄᓇ ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓯᒪᖓᑦ ᐃᓄᖕᓄᑦ ᐃᑲᔫᑎᒃᓴᐅᕙᖕᓂᐊᖅᑐᓄᑦ ᐊᖏᕈᑕᐅᕙᖕᓂᐊᖅᑐᑦ, ᐃᓄᐃᑦ ᐊᒃᑐᖅᑕᐅᓂᐊᖅᓂᖏᓐᓄᑦ ᐃᑲᔫᓯᐊᖅᑖᕈᖕᓇᐅᑎᖕᒋᓐᓄᑦ ᐊᖏᕈᑎᑦ (IIBA) ᐊᖏᕈᑎᐅᓇᓱᐊᖅᓂᖏᓐᓄᑦ ᐱᔾᔪᑎᒋᑉᓗᒋᑦ ᐅᖅᓱᐊᓗᒃᑕᖃᑐᐃᓐᓇᕆᐊᖃᖅᓂᖓᑕ ᐊᒻᒪᓗ ᒫᓴᓖᖅᑕᖃᑐᐃᓐᓇᕆᐊᖃᖅᓂᖓᑕ ᓯᒡᔭᒥ ᐊᒻᒪᓗ ᓯᒡᔭᐅᑉ ᐊᕙᑎᒋᔭᖓᓂ. ᑕᒪᓐᓇ ᐊᕙᑎᒋᔭᐅᔪᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᓂᖅᑉᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᓗᓂ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᓄᑦ KivlA-ᑯᑦ ᐊᓯᐅᔨᓯᒪᓕᕈᖕᓇᖅᒪᑕ ᐃᑲᔫᓯᐊᖅᑖᕆᔭᐅᕙᒍᖕᓇᖅᑐᓂᒃ ᐱᕙᓪᓕᐊᑎᖅᓯᓂᖅᒥ ᐱᓕᕆᐊᖃᕈᖕᓇᖅᓃᑦ ᓄᖅᑲᖅᑎᑕᐅᓯᒪᓕᖅᓂᖏᓐᓂᑦ.

<u>ᐅᑉᓕᐊᔪᖅ ᖃᑭᖅᑕᖓ (ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑦ)</u>–

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivlA) ᐊᖏᕈᑎᖃᖅᓯᒪᕗᑦ ᐅᑉᓕᐊᔪᖅ ᖃᑭᖅᑕᖓ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖅᓂᐊᖅᓂᖓᑕ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᓗᓂ ᑭᒡᓕᖅᑲᖅᑎᑕᐅᓯᒪᔪᑎᒍᑦ ᐊᕙᑎᒋᔭᐅᓂᖓ.

ᐱᓯᒪᔭᐅᔭᕆᐊᖃᓪᓚᕆᖕᓂᖏᑦ ᐃᖃᓗᒃᐱᖕᓂᒃ ᐃᖃᓪᓕᕿᕝᕕᐅᕙᒃᑐᑦ ᑰᒋᔭᐅᔪᑦ (ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᑦ).

ᑖᑉᓱᒪ ᐊᕙᑎᒋᔭᖓ ᖃᖓᒍᓕᖅᓯᒪᓂᖃᕐᒪᑦ 373 km²-ᓗᐊᒥᒃ ᓄᓇᐅᑉ ᖃᖓᓂ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖓᑕ (IOL) ᐊᒻᒪᓗ 15 km²-ᓗᐊᒥᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖓᑕ (IOL). ᓯᕗᓂᐊᓂ ᑐᒃᓯᕋᐅᑎᐅᓚᐅᕐᒪᑦ ᐱᓯᒪᔭᐅᔭᕆᐊᖃᓪᓚᕆᒃᑯᑎᒃ ᐃᖃᓗᒃᐱᖕᓂᒃ ᐃᖃᓪᓕᕿᕝᕕᐅᕙᒃᑐᑦ ᑰᒋᔭᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖁᔭᐅᑉᓗᑎᒃ ᐊᐅᓚᑦᓯᓂᕐᒥᒃ ᓄᓇᒧᐊᖅᐸᓪᓕᐊᑉᓗᑎᒃ ᐊᕙᑎᐅᔫᓂᖓᓂᒃ (ᐊᒻᒪ ᐊᑐᖅᑕᐅᕙᖕᓂᐅᙱᓐᓂᖓᑕ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ). ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᑕᒪᑐᒥᖓ ᐊᕙᑎᒋᔭᐅᔪᒥᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖁᔨᕗᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᐊᕐᓗᓂ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᓂᖓᑕ. ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᖕᒋᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖓ ᐊᕙᑖᒍᖅᑎᑕᐅᓯᒪᓂᖃᖅᑐᒥᒃ 373 km²-ᓂᒃ ᓄᓇᐅᑉ ᖃᖓᓂ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖕᒋᑦ (IOL) ᐊᒻᒪᓗ 15 km²-ᒥᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖁᑎᖕᒋᑦ (IOL) ᐊᔾᔨᒌᖕᒋᑦᓴᒍᑦ ᐅᖃᖅᑕᐅᓯᒪᖕᒪᑦ ᐱᓯᒪᔪᒪᔭᐅᔪᓂᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᑦ (KivlA).

ᖃᒪᓂᖅ ᑰᖓ (ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᑦ).

ᑖᑉᓱᒪ ᐊᕙᑎᒋᔭᖓ ᖃᖓᒍᓕᖅᓯᒪᓂᖃᕐᒪᑦ 7 km²-ᓗᐊᒥᒃ ᓄᓇᐅᑉ ᖃᖓᓂ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖓᑕ (IOL) ᐊᒻᒪᓗ 3.4 km²-ᓗᐊᒥᒃ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖁᑎᒋᔭᖓᑕ (IOL). ᓯᕗᓂᐊᓂ ᑐᒃᓯᕋᐅᑎᐅᓚᐅᕐᒪᑦ ᖃᒪᓂᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖁᔭᐅᑉᓗᒍ ᐊᐅᓚᑦᓯᓂᕐᒥᒃ ᓄᓇᒧᐊᖅᐸᓪᓕᐊᑉᓗᑎᒃ ᐊᕙᑎᐅᔫᓂᖓᓂᒃ (ᐊᒻᒪ ᐊᑐᖅᑕᐅᕙᖕᓂᐅᙱᓐᓂᖓᑕ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓗᓂ). ᐃᒻᒪᖃ ᐱᓕᕆᕝᕕᐅᓂᖓᓄᑦ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᓂᒃ ᓴᓇᓯᒪᓕᕈᖕᓇᖅᑐᑦ ᑖᑉᓱᒪ ᐊᕙᑎᐅᔪᒥ ᐃᓚᒋᔭᐅᖃᑕᐅᓂᐊᕐᓗᓂ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒧᑦ ᐊᒻᒪᓗ ᓴᔅᒐᕐᓂᖅᑕᖃᓕᕆᐊᖃᕐᓂᐊᖅᑐᑦ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒍ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᕋᔭᕐᓂᖏᑦ ᐊᑭᕋᖅᑐᒐᐅᖕᒪᑦ (ᓈᒻᒪᒋᔭᐅᙱᒻᒪᑦ) ᐱᔾᔪᑎᒋᐸᓗᒍ ᓴᒡᒐᕐᓂᖃᕈᖕᓇᕐᓃᑦ ᓄᖅᑲᖅᑎᑕᐅᓯᒪᓕᕐᓂᐊᕐᒪᑕ ᒪᓕᒃᓗᒋᑦ ᒫᓐᓇᐅᔪᒥ ᐅᖃᖅᑕᐅᓯᒪᓂᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP). ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐃᓱᒪᓕᐅᖅᐳᑦ ᑕᒪᓐᓇ ᐊᕙᑎᒋᔭᐅᔪᖅ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᖁᐸᓗᒍ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᖓᓂᒃ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ ᐊᒻᒪᓗ ᓴᒡᒐᕐᓗᑎᒃ ᐱᓕᕆᔨᖕᓇᖃᑦᑕᕐᓂᐊᕐᒪᑕ ᐊᕙᑎᐅᔪᑉ ᐃᓗᐊᓂ.

7. ᒐᕙᒪᒃᑯᑦ ᐊᖅᑯᑎᖕᒋᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᐅᔾᔨᕈᓱᓚᐅᖅᐳᑦ ᐃᓚᖓ 19.6.3 ᓄᓇᕗᒻᒥ ᐊᖕᒋᕈᑎᓂ ᐊᑕᕝᕕᖃᕐᓂᖓᑕ ᐱᓕᕆᐊᖑᔪᒃᓴᑦ 19-11-ᖓᓄᑦ ᓄᓇᕗᒻᒥ ᐊᖕᒋᕈᑎᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᓐᓂ ᐃᓕᑕᕆᔭᐅᓯᒪᐸᓗᑎᒃ ᒐᕙᒪᒃᑯᑦ ᐊᖅᑯᑎᒋᔭᖃᕐᕕᖕᒋᓐᓂᒃ. ᑕᒪᒃᑯᐊ ᐊᖅᑯᑎᒋᔭᐅᔪᑦ ᐃᓕᔭᐅᖃᑕᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᓄᓇᕗᒻᒥ ᐊᖕᒋᕈᑎᓄᑦ ᑐᕌᖓᕐᕕᖃᖅᑎᑕᐅᐸᓗᑎᒃ ᐱᔾᔪᑎᒋᔭᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑕᐃᒪᓐᓇᐃᑎᓪᓗᒋᑦ KivlA-ᑯᑦ ᑐᓂᓯᓯᒪᕗᑦ ᑕᒪᒃᑯᐊ ᐊᖅᑯᑎᐅᔪᑦ ᐃᓕᑕᕆᔭᐅᓯᒪᐸᓗᑎᒃ ᐱᓕᕆᖑᔪᒃᓴᑦ 19-11-ᖓᓂ ᓄᓇᕗᒻᒥ ᐊᖕᒋᕈᑎᓂ ᐃᓕᔭᐅᓯᒪᓕᖁᐸᓗᒋᑦ ᑕᐃᒪᐅᓕᐊᓂᒃᑐᑎᒃ ᐱᔭᐅᓯᒪᓕᕈᒪᔪᑦ ᐱᓕᕆᐊᖑᔪᒃᓴᑦ ᐃ-ᖓᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐊᒻᒪᓗ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᒃᑲᓐᓂᖅᑯᐸᓗᒋᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖑᓗᑎᒃ ᑕᒪᐃᑎᒍᑦ ᐋᖅᑭᒃᓱᐃᕙᓪᓕᐊᓂᐅᔪᓄᑦ ᓄᓇᑦ

ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᔭᐃᓂᕐᓂ ᐱᑦᔪᑎᒋᑉᐳᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP). ᐃᓕᔭᐅᖃᑕᐅᓯᒪᔪᑦ ᑕᐃᔭᐅᑉᐳᑎᒃ **ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 8-ᒥᒃ** ᓄᓇᙵᐊᓕᐊᖑᓯᒪᕗᖅ ᐱᓕᕆᐊᖑᔪᒃᓴᑦ 19-11 ᒐᕙᒪᒃᑯᑦ ᐊᖅᑯᑎᖕᒋᓐᓂᒃ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ.

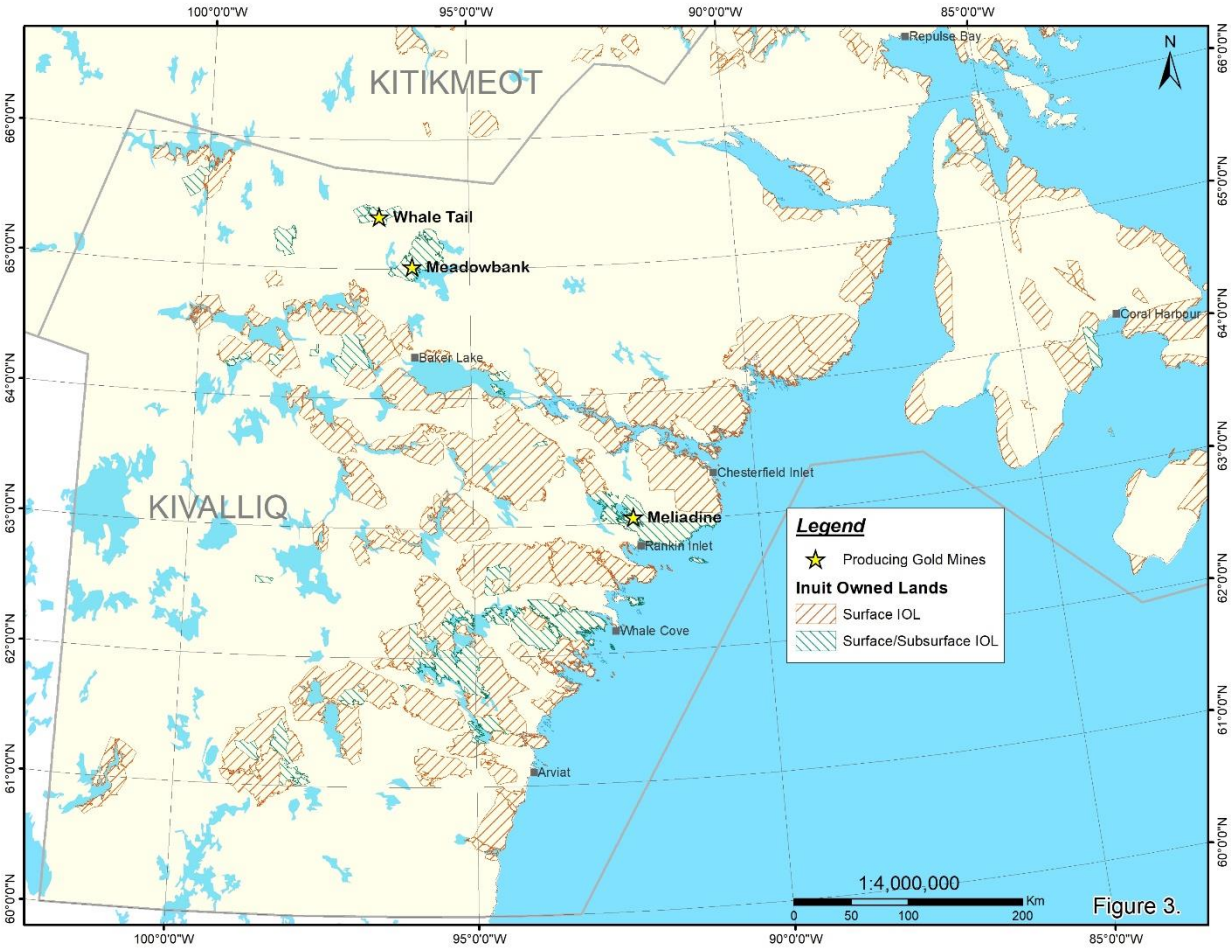
8. ᑭᖑᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᖅ

ᐃᓕᑕᕆᔭᐅᓯᒪᖕᒪᑕ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔾᑦ ᑲᒪᔾᖕᒋᑦ (NPC) ᐊᔪᕐᓇᖅᑑᑎᓂᒃ ᐊᐅᓚᑦᓯᔭᕆᐊᕐᑲᖅᓯᒪᓂᖕᒋᑕ ᐊᔾᔨᒋᙱᑕᖕᒋᑎᒍ ᐱᓯᒪᓕᕈᒪᓂᐅᔪᓄᑦ ᐊᖏᔪᒻᒪᕆᐊᓘᑉᐳᓂ ᐊᕙᑎᒋᔭᐅᔪᖅ ᐱᔾᔪᑎᒋᔭᐅᑉᐳᓂ. ᑖᒃᑯᓂᖓ ᕿᒥᕐᕈᓂᖅ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂᒃ (DNLUP) ᓇᓗᓇᐃᔭᐃᓯᒪᓕᕈᑎᐅᖕᒪᑦ ᐊᒥᓱᕐᓚᐅᑉᐳᑎᒃ ᑐᖕᒐᐅᑦᓯᓯᒪᓂᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᐱᐅᓯᒋᐊᖅᑎᑕᐅᓯᒪᓕᕆᐊᖃᕐᓂᐊᖅᑐᓂᒃ ᑖᑉᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ (DNLUP) ᓈᒻᒪᒋᔭᐅᓯᒪᓕᕐᓂᐊᖅᑳᖅᑎᓐᓇᒋᑦ. ᓇᓗᓇᐃᑦᑐᒥᒃ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓕᕆᐊᖃᕐᓂᐊᕐᒪᑕ KivIA-ᑯᓐᓂᑦ ᐃᑲᔪᖅᑐᒐᐅᓯᒪᓕᓚᐅᖅᑳᖅᑎᓐᓇᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP). ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᑦ (KivIA) ᐃᓱᒪᓕᐅᖅᓯᒪᕗᑦ ᑖᑉᑯᐊ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᑐᓕᖅᑎᑕᐅᓯᒪᕐᑯᓇᒋᑦ ᑕᐃᒪᓐᓇ ᒫᓐᓇᐅᔪᒥ ᑎᑎᕋᖅᑕᐅᓯᒪᑎᓪᓗᒋᑦ ᓈᒻᒪᒃᑐᒥᒃ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᖃᖅᓯᒪᓕᓚᐅᖅᑎᓐᓇᒋᑦ ᐅᖃᐅᓯᒃᓴᓇᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᑐᓂᔭᐅᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔾᑦ ᑲᒪᔾᖕᒋᓐᓄᑦ (NPC) ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (KivIA), ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᖓᓐᓂᑦ (NTI) ᐊᒻᒪᓗ ᐊᓯᖕᒋᓐᓂᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (RIA). NPC-ᑯᑦ ᐃᓱᒪᒋᔭᖅᑲᖅᑕᐅᓯᒪᙱᓐᓂᖕᒋᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᓯᒪᔪᓂᒃ, ᑐᕌᖅᕕᒃᓴᖅᑯᑎᒋᔭᐅᔪᓂᒃ, ᐊᒻᒪᓗ ᐃᔭᐅᓯᒪᓕᕈᒪᔪᓂᒃ ᐃᓄᐃᑦ ᓄᓇᖅᑯᑎᖕᒋᓐᓄᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (KivIA), ᓄᓇᕗᑦ ᑐᙵᕕᒃᑯᑦ ᑎᒥᖓᓐᓂᑦ (NTI) ᐊᒻᒪᓗ ᐊᓯᖕᒋᓐᓂᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖅᑲᑎᑏᖕᒋᓐᓂᑦ (RIA) ᐋᖅᑭᒃᑕᐅᓯᒪᓕᕆᐊᖃᕐᒪᑕ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᓈᒻᒪᒋᔭᐅᓯᒪᓕᕆᐊᖃᙱᑦᑐᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᐱᓕᕆᔾᔪᓯᐅᔪᑦ ᐃᓱᒪᒋᔭᐅᖃᑕᐅᓯᒪᓕᓚᐅᖅᑳᖅᑎᓐᓇᒋᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐊᐅᓚᑕᐅᓂᖕᒋᓐᓄᑦ ᑐᒃᑐᑦ, ᐃᓚᖃᖅᑎᑕᐅᓯᒪᓇᔭᖅᑐᓂᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ.

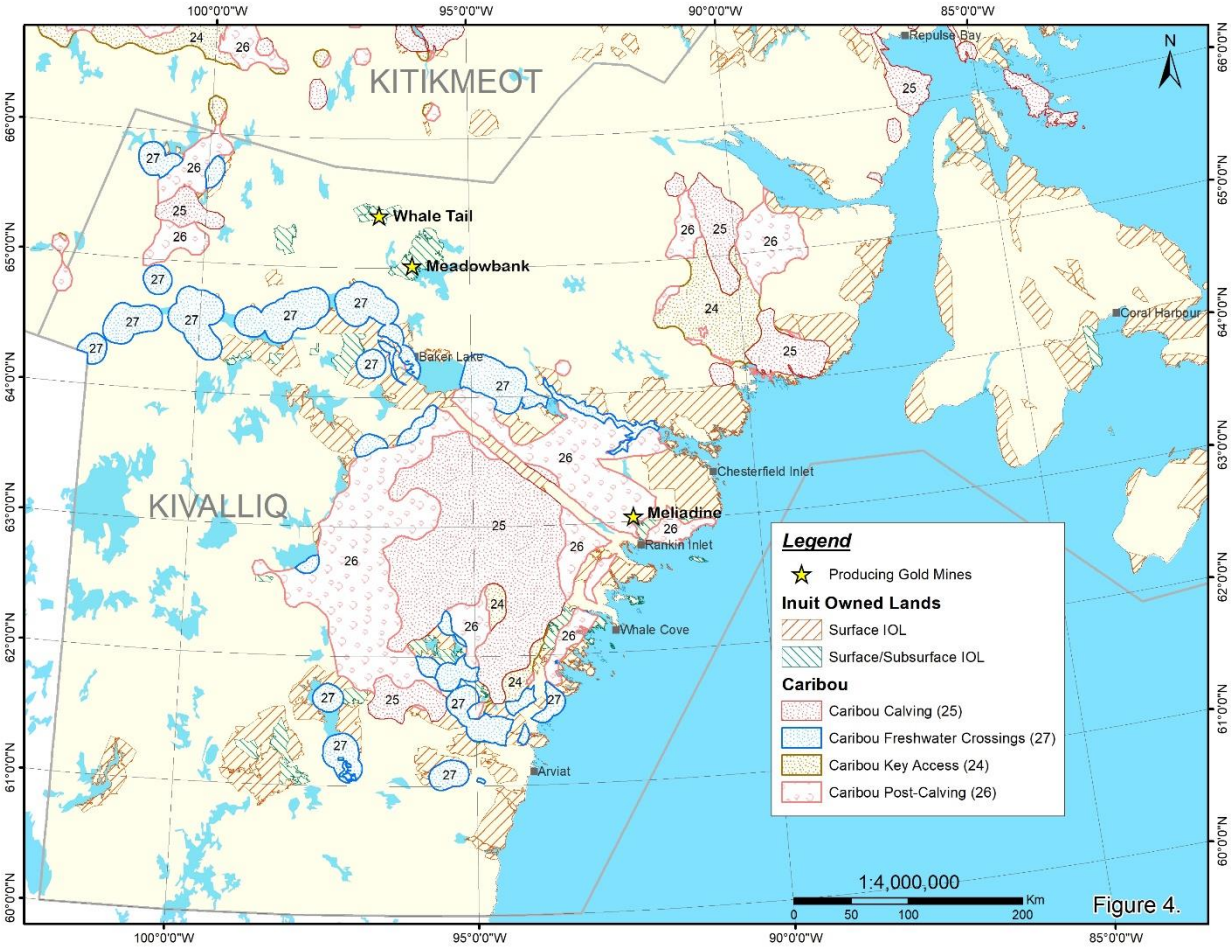
ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐅᖃᐅᓯᒃᓴᕆᔭᐅᔪᑦ ᑖᑉᑯᓇᓂ ᐅᓂᒃᑳᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᓕᖅᑎᑕᐅᔭᕆᐊᖃᖅᑐᑦ ᐅᕝᕙᓘᓐᓃᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔾᑦ ᑲᒪᔾᖕᒋᑦ (NPC) ᐱᑕᖃᖅᑎᑦᓯᓯᒪᓕᕐᓗᑎᒃ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᓂᒃ ᖃᓄᐃᒻᒪᑦ ᑕᒪᒃᑯᐊ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐅᖃᐅᓯᒃᓴᕆᔭᐅᔪᑦ ᓴᓂᕐᕙᒐᐅᑐᐃᓐᓇᖃᑦᑕᕐᒪᖔᑕ ᐅᕝᕙᓘᓐᓃᑦ ᕿᐱᓗᒐᐅᕙᖕᒪᖔᑕ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᖅᓯᒪᓕᕐᓗᑎᒃ ᐊᓯᖕᒋᑎᒍᑦ ᐋᖅᑮᓯᒪᓕᕈᑎᒃᓴᓂᒃ.

9. ᓇᓗᓇᐃᔭᕈᑎᐅᓯᒪᔪᑦ

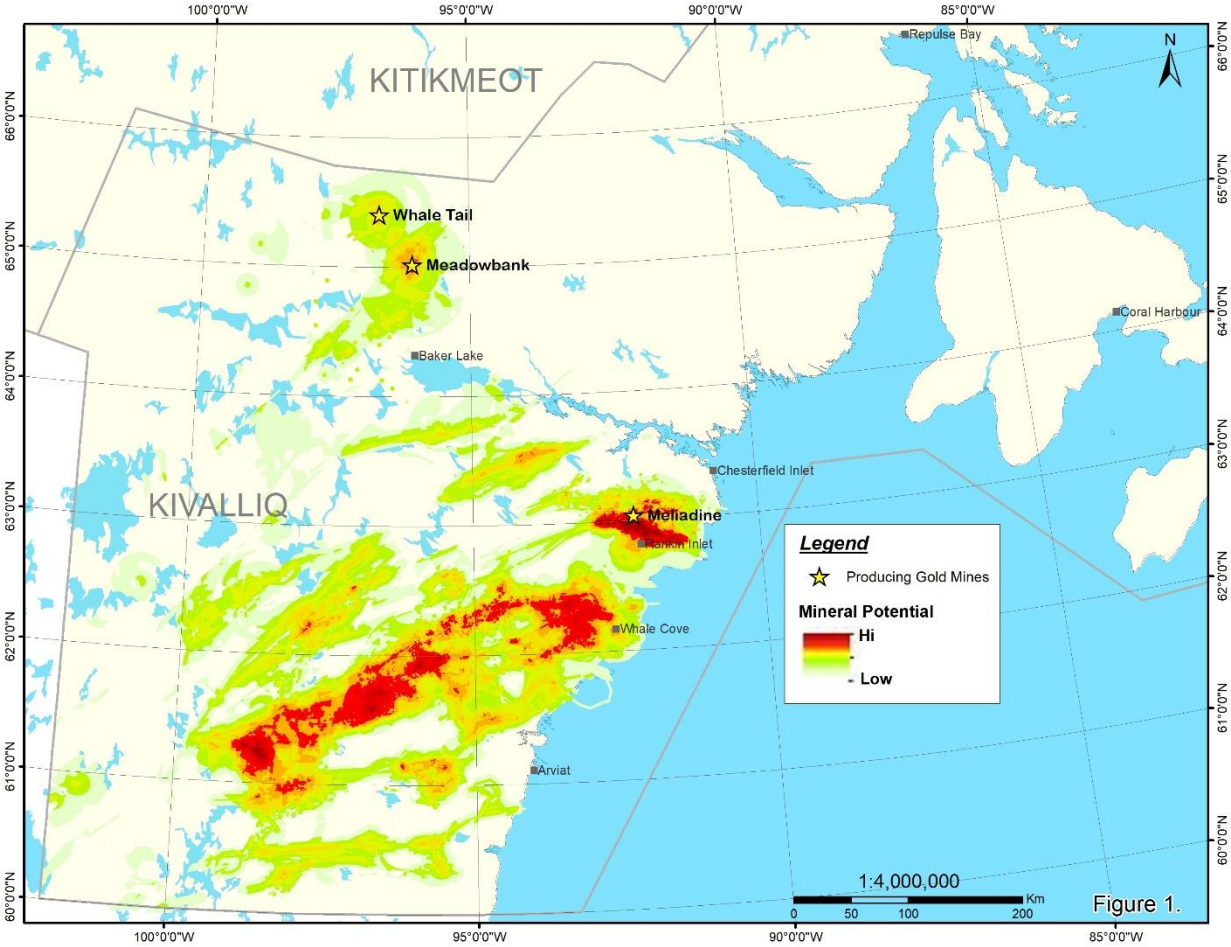
ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1- ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᑦ (IOL)



ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 2- ᑐᒃᑐᓄᑦ ᑐᕌᖓᑉᓗᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᑦ (IOL)



ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3- ᐅᔭᖅᑕᕆᐊᓂᑦ ᐱᓕᕆᓂᖅᑲᕐᓕᕐᕕᐅᔪᖕᓇᕐᓂᖓ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ



ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4- ᑐᒃᑐᓄᑦ ᑐᕌᖓᑉᐳᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ ᓯᕗᑦᓕᐅᑎᑕᐅᓯᒪᓂᖏᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᖅᑐᓂᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ

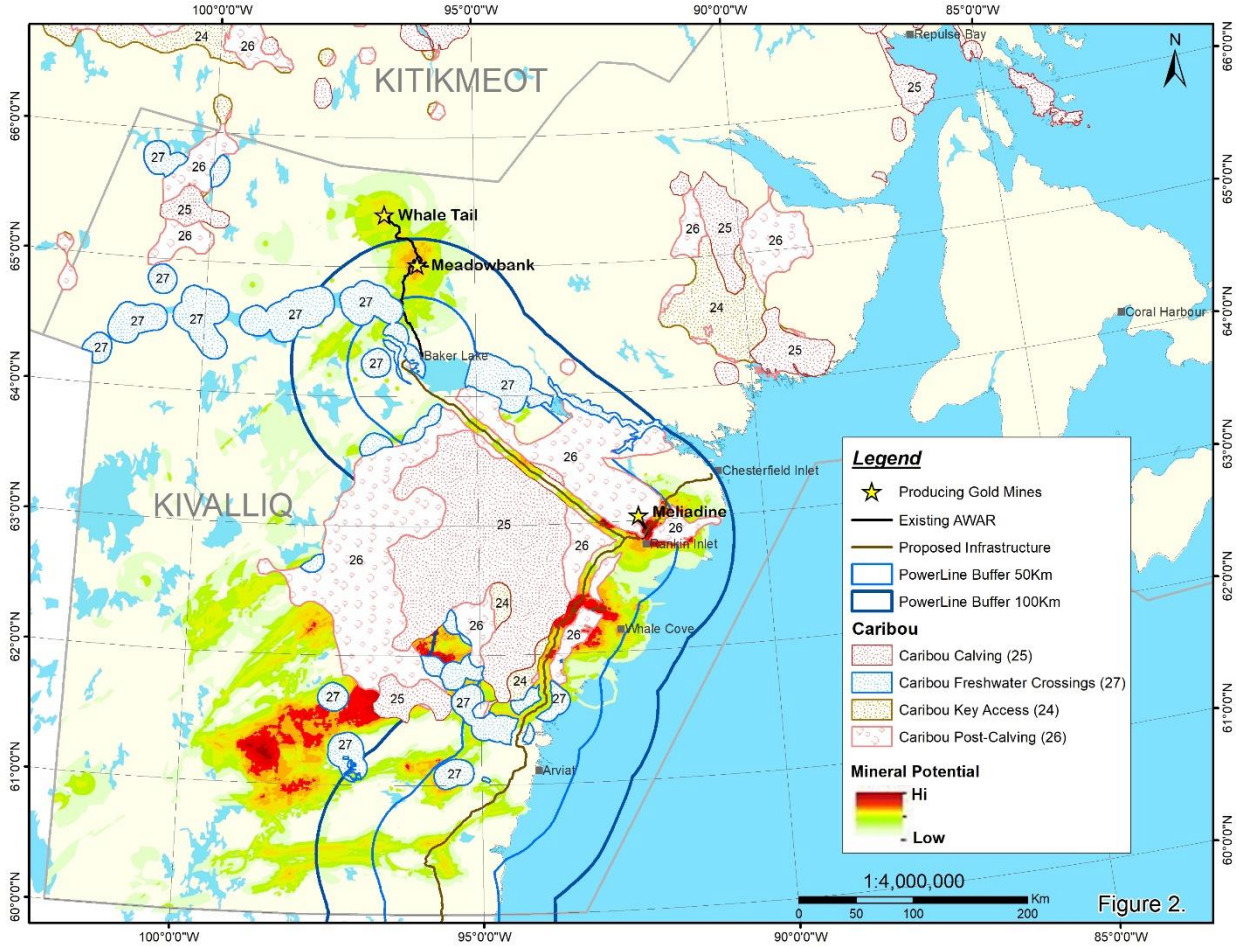
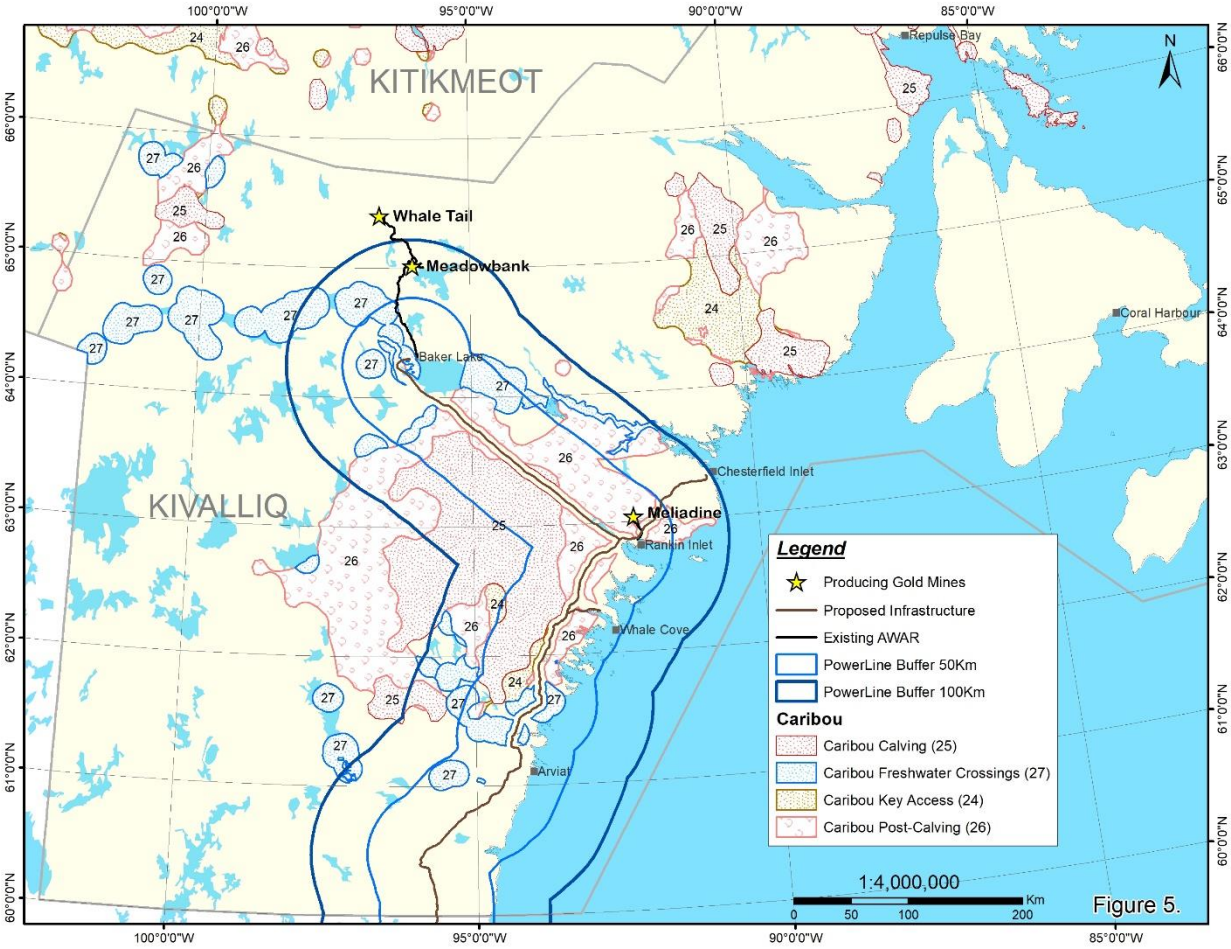


Figure 2.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5- ᐱᓕᕆᓂᖅᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ



ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 6- ᑐᒃᑐᓄᑦ ᑐᕋᖓᑉᓗᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖓᑦ ᓯᕗᑦᓕᐅᑎᑕᐅᓯᒪᓂᖏᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᓂᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ

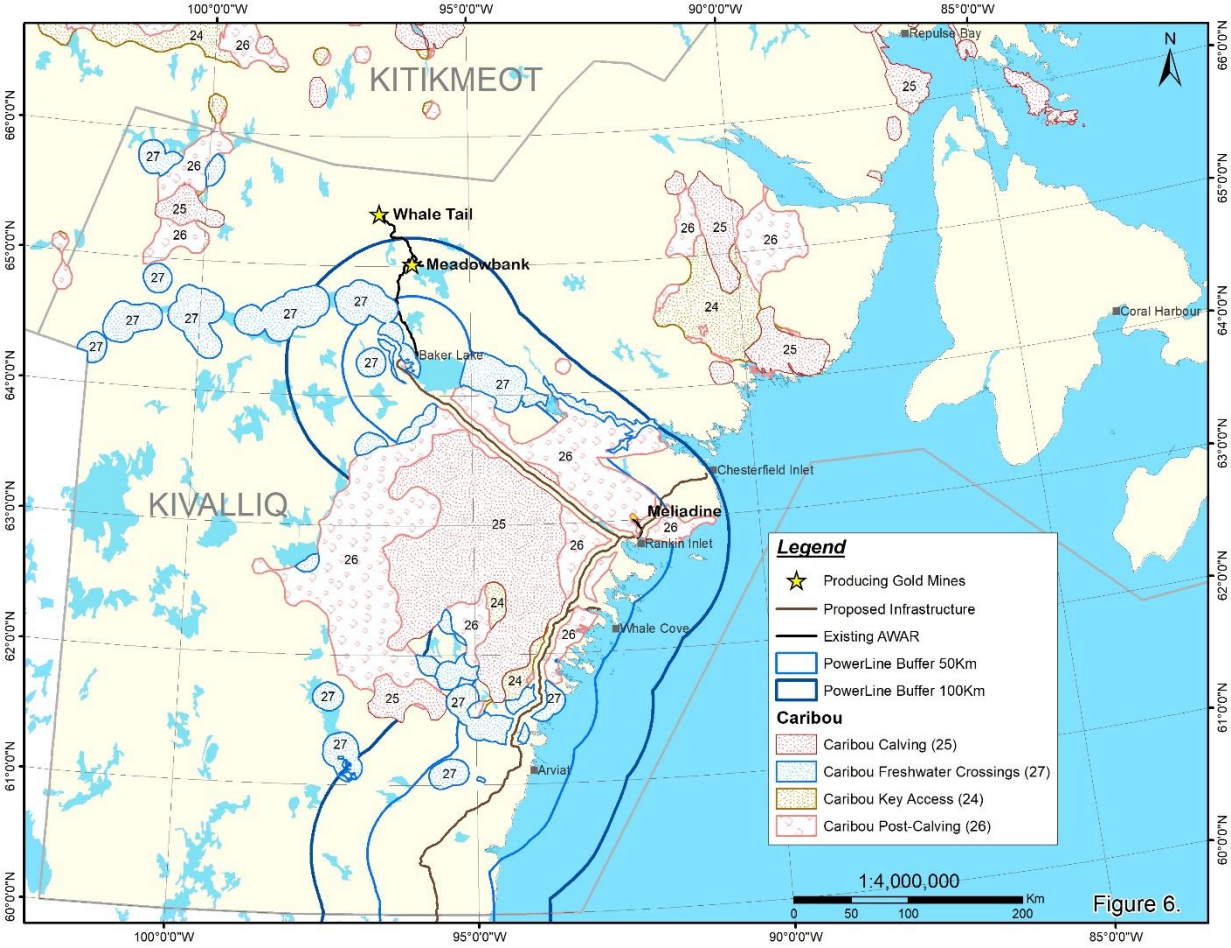
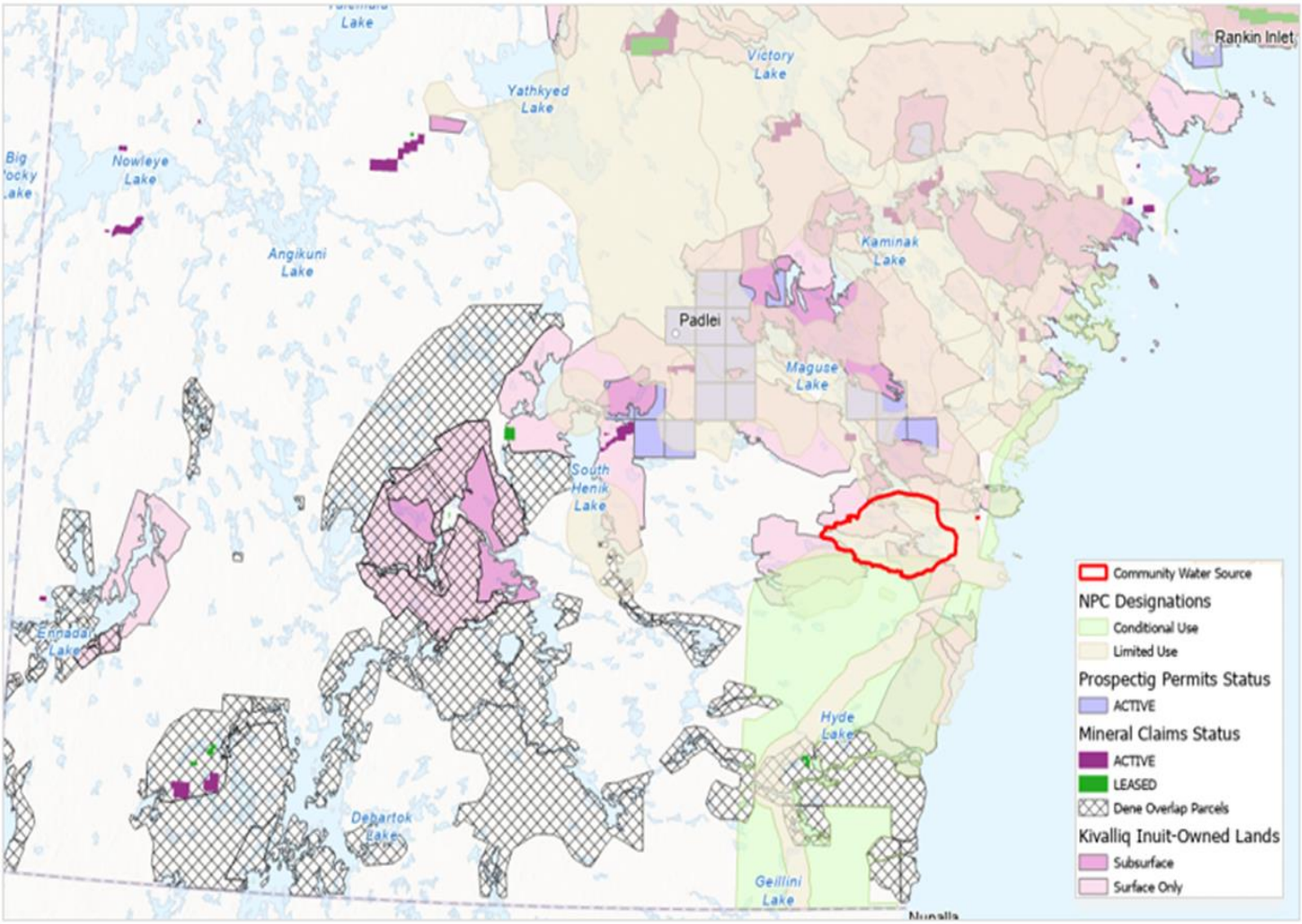
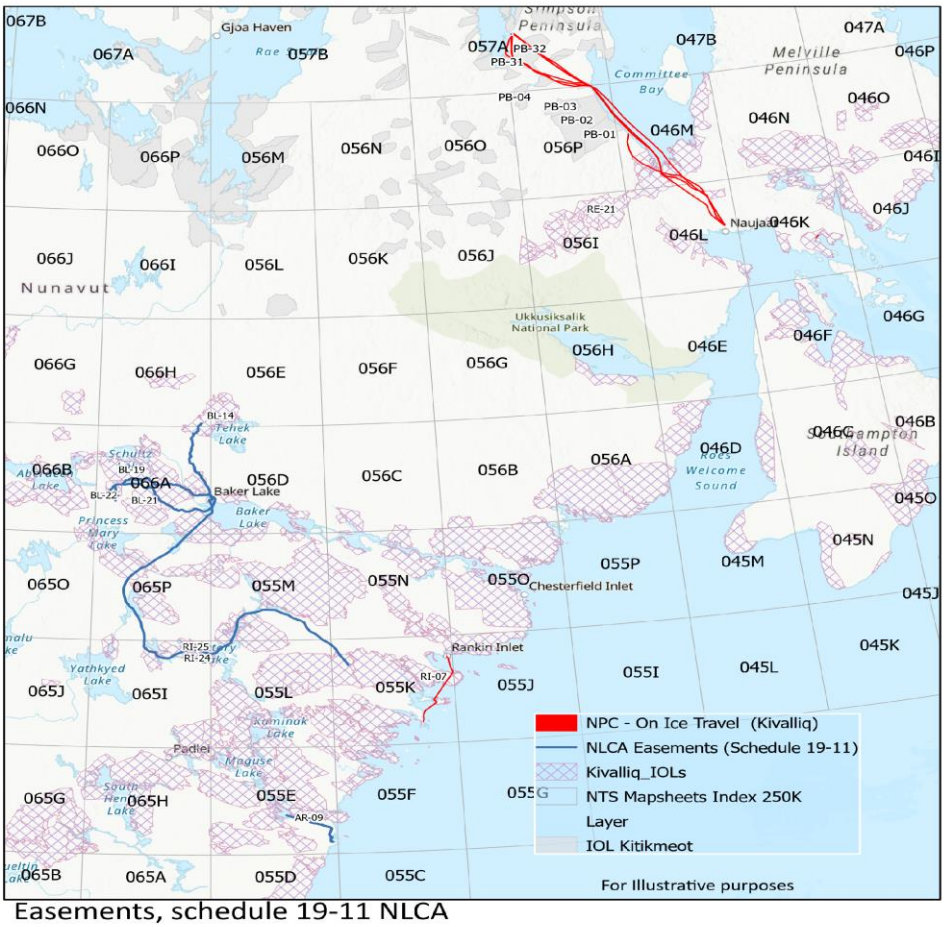


Figure 6.

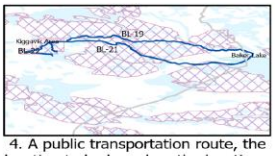
ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 7- ᓄᓇᒋᔭᐅᔪᒥᑦ ᐃᒥᖁᑎᒃᓴᖅᑖᕐᕕᐅᕙᒃᑐᓄᑦ ᓄᓇᙵᐊᖅ ᐊᒻᒪ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔾᔪᓂ ᐅᔭᕋᓐᓂᐊᖅᑎᓂᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒪᔪᓄᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᖏᑦ



ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 8- ᐱᓕᕆᐊᖑᔪᒃᓴᑦ 19-11 ᒐᕙᒪᒃᑯᑦ ᐊᖅᑯᑎᖕᒋᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ

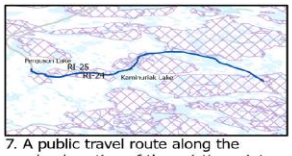


Easements, schedule 19-11 NLCA

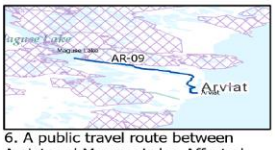


4. A public transportation route, the location to be based on the location of the winter road routes used in the years 1980 to 1990 between Baker Lake and the Kiggavik area. Affected Parcels: BL-19/66A, BL-21/66A, BL-22/66A

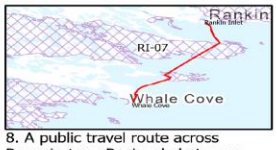
5. A public transportation route, the location to be based on the location of the winter road routes used in the years 1980 to 1990 between Baker Lake and the Meadowbank River area. Affected Parcels: BL-14/56D, 56E, 66A, 66H



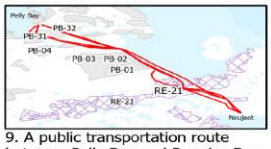
7. A public travel route along the overland portion of the existing winter road between Ferguson Lake and Kaminurlak Lake. Parcels affected: RI-24/55L, 65I. RI-25/55L,65I, 65P



6. A public travel route between Arviat and Maguse Lake. Affected Parcels: AR-09/55E



8. A public travel route across Pangnirqtuuq Peninsula between Rankin Inlet and Whale Cove. Affected Parcels: RI-07/55J, 55K



9. A public transportation route between Pelly Bay and Repulse Bay. Affected Parcels: RE-21/46L, 46M, 56I PB-01/56P, PB-02/56P, PB-03/56P, PB-04/56P, PB-31/57A, PB-32/57A

ᐅᐃᒍᖏᑦ 1. ᐱᓕᕆᑦᔪᓯᐅᕙᒍᖕᓇᖅᑐᑦ ᑐᒃᓯᕋᐅᑎᖃᕐᓂᐊᕐᓗᓂ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒧᑦ ᓄᓇᕗᒻᒥ

ᓇᐃᒡᓕᒋᐊᖅᓯᒪᔪᑦ

ᐱᓕᕆᑦᔪᓯᐅᕙᒍᖕᓇᖅᑐᑦ ᑐᒃᓯᕋᐅᑎᖃᕐᓂᐊᕐᓗᓂ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒧᑦ (ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ) ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᕐᓗᑎᒃ ᓴᓇᕐᕈᑎᒃᓴᐅᕗᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᐊᒻᒪᓗ ᐃᓕᙵᐃᓯᒪᓕᖅᑎᑦᓯᑦᑕᐃᓕᓗᑎᒃ ᑐᒃᑐᓂᒃ ᐃᓄᖕᓂᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᓕᖅᓯᒪᔪᓄᑦ ᓇᓂᑐᐃᓐᓇᖅᑐᒃᑐᑦ ᓇᔪᖅᑕᖏᓐᓂ ᐊᒻᒪᓗ ᖃᖓᑐᐃᓐᓇᖅ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ. ᐊᓯᑦᔨᕆᐊᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᔪᖕᓇᕐᒪᑕ ᐊᑕᐅᕐᓯᒃᑰᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᓄᑦ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓯᒐᐅᓯᒪᓂᖃᕐᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᖕᓇᖅᓯᑎᑦᓯᓗᑎᒃ ᐅᔭᕋᖅᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓗᑎᒃ ᐱᓕᕆᓂᐅᕙᒃᑐᑦ ᐃᓚᐅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐅᖃᐅᓯᐅᓯᒪᔪᓂ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔪᖕᓇᐅᑎᓂ, ᓱᕐᓗ ᐅᔭᕋᖅᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐃᑰᑕᕐᓗᑎᒃ ᐱᓕᕆᔨᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ. ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑦᑕᑕᕈᑎᐅᕙᖕᒪᑕ ᓇᐅᑦᓯᖅᑐᐃᓂᐅᔪᓂᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᖅᓯᒪᔪᓄᑦ ᖃᓕᓈᓕᖅᓯᒪᐸᓗᑎᒃ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᓂᕐᒥ ᐱᒋᐊᖅᑎᑕᐅᐸᓗᑎᒃ ᐱᖓᓱᐃᓕᖓᔪᑎᒍᑦ (ᖃᐸᓯᐅᓂᖏᑦ ᐊᒻᒪᓗ ᖃᓂᓐᓂᓇᔭᖕᒋᑦ ᑐᒃᑐᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᕝᕕᐅᔪᒧᑦ ᐃᓚᖃᕐᓗᒋᑦ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑉᐸᖕᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐃᖏᕋᓂᓇᔭᐅᕙᒃᑐᑦ ᖁᑦᓯᖕᓂᓇᔭᖏᓐᓄᑦ). ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᓯᑦᔨᕆᐊᖅᓯᒪᓂᖃᕐᓕᕐᒪᑕ ᑕᐃᒪᙵᓂᑦ ᓯᕗᓪᓕᖅᐹᒥᒃ ᐊᑐᓕᖅᑎᑕᐅᓚᐅᕋᒥᒃ ᐅᑭᐅᖏᑦ 1980-ᐃᑦ ᐊᑐᖅᑎᓪᓗᒋᑦ. ᒫᓐᓇᓵᖑᓚᐅᖅᑐᒥ, ᑲᑐᔾᔨᖃᑎᒌᒃᓗᑎᒃ ᐱᓕᕆᖃᑎᒌᓚᐅᕐᓂᖏᑦ ᒐᕙᒪᒃᑯᑦ ᐊᒻᒪᓗ ᓴᓇᕝᕕᐅᔪᐃᑦ ᓄᓇᕐᓯᐊᕐᒥ ᐃᓚᒋᐊᕈᑎᒃᓴᐅᔪᓂᒃ ᐊᖏᔪᒻᒪᕆᖕᒥᒃ ᐊᑐᓕᖅᑎᑕᐅᔪᒃᓴᓄᑦ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᒃᓴᖃᓕᓚᐅᖅᐳᑦ. ᑕᒪᓐᓇ ᑲᑐᔾᔨᖃᑎᒌᒃᓗᑎᒃ ᐱᓕᕆᖃᑎᒌᖕᓂᖓᑦ ᐱᐸᓗᒍ ᑐᙵᕝᕕᖅᑯᑎᐅᓂᐊᖅᑐᓂᒃ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐋᖅᑭᒃᓯᐃᓂᖃᓕᕈᑎᐅᓚᐅᕐᐳᖅ, ᐃᓛᓗ ᓄᕙᒡᔪᐊᕐᓇᖅ-19 ᐱᕐᔪᑎᒋᐸᓗᒍ ᑭᖑᕙᕆᐊᖅᑎᑕᐅᓯᒪᓕᓚᐅᖅᑑᒐᓗᐊᑦ ᖃᐅᔨᒋᐊᕈᑎᐅᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ 2021-ᒥ. ᐊᑐᓕᖅᑎᑕᐅᓂᐊᕐᓂᖏᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐱᓕᕆᐊᒃᓴᕆᔭᐅᖕᒪᑕ ᐱᓕᕆᐊᖃᖅᑎᒋᔭᐅᔪᓂᑦ, ᑐᑭᒧᐊᒃᑎᖃᕐᓗᑎᒃ ᐊᒻᒪᓗ ᐃᑲᔪᖅᑎᖃᕐᓗᑎᒃ ᒐᕙᒪᒋᔭᐅᔪᓂᑦ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᒥ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓂᑦ (ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᒋᔭᖕᒋᓐᓂ). ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᓄᓇᕗᒻᒥ ᑐᙵᕝᕕᖃᑎᑕᐅᓂᐊᖅᐳᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᑲᑐᔭᐅᓗᑎᒃ ᐊᑐᓕᖅᑎᑕᐅᔪᖕᓇᕐᓂᐊᕐᓗᑎᒃ ᐊᒻᒪᓗ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᐊᕐᓗᑎᒃ ᐊᑐᕐᓂᖃᖅᑐᑎᒍᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥ ᓴᓇᕐᕈᑎᒋᔭᐅᕙᒃᓗᑎᒃ.

ᐱᓕᕆᐊᖑᓯᒪᓂᖏᑦ

ᓴᖅᑭᑕᐅᓵᖅᓯᒪᔪᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ (ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓵᑦ ᑲᒪᔨᖏᑦ (NPC) 2021) ᐅᔾᔨᕈᓱᓚᐅᕐᒪᑕ ᑕᐃᒪᙵᓂᑦ 2015-ᒥᑦ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (KivIA) ᐃᓚᒋᔭᐅᖃᑕᐅᓂᖏᑦᑕ ᑕᐃᒃᑯᓄᖓ ᐃᑲᔪᖅᑐᐃᔪᓄᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ (ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ); ᑕᐃᔭᐅᕙᖕᒥᔪᑦ ᐊᓯᔾᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ ᑐᒃᑐᓂᒃ

ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ (CPM)) ᓴᓇᕈᑎᒃᓴᐅᓂᐊᕐᓗᑎᒃ ᑐᒃᑐᓂᒃ ᒥᐊᓂᖅᓯᓂᕐᒥ[40]. ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᕐᓗᑎᒃ ᓴᓇᕈᑎᒃᓴᐅᕗᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᑉᓗᒋᑦ ᐊᒻᒪᓗ ᐃᓕᙵᐃᓯᒪᓕᖅᑎᑦᓯᑦᑕᐃᓕᓗᑎᒃ ᑐᒃᑐᓂᒃ ᐃᓄᙱᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᓕᖅᓯᒪᔪᓄᑦ ᓇᓂᑐᐃᓐᓇᖅᑐᒃᑐᑦ ᓇᔪᖅᑕᖏᓐᓂ ᐊᒻᒪᓗ ᖃᖓᑐᐃᓐᓇᖅ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᑎᓪᓗᒍ (ᐆᓪ ᐊᒻᒪᓗ ᒐᓐ 2015, 2016). ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᔪᓐᓇᖅᑐᑦ ᐊᑕᐅᑦᓯᒃᑰᖅᑎᑕᐅᓗᑎᒃ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᔪᓄᑦ, ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᒻᒪᓗ ᐊᑯᐸᓕᐅᓂᖃᖅᑎᑕᐅᐸᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᓂᖏᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᓂ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓱᒐᐅᓯᒪᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓐᓇᖅᓯᑎᑦᓯᓗᑎᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓗᑎᒃ ᐱᓕᕆᓂᐅᕙᒃᑐᑦ ᐃᓚᐅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐅᖃᐅᓯᐅᓯᒪᔪᓂ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐱᓕᕆᔪᓐᓇᐅᑎᓂ, ᓲᕐᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐃᑰᑦᑕᕐᓗᑎᒃ ᐱᓕᕆᔨᓄᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ. ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑦᑕᑕᕈᑎᐅᕙᖕᒪᑕ ᓇᐅᑦᓯᖅᑐᐃᓂᐅᔪᓂᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᖅᓯᒪᔪᓄᑦ ᖃᓕᓈᓕᖅᓯᒪᐸᓗᑎᒃ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᓂᕐᒥ ᐱᒋᐊᖅᑎᑕᐅᐸᓗᑎᒃ ᐱᖓᓱᐃᓕᖓᔪᑎᒍᑦ (ᖃᐸᓯᐅᓂᖏᑦ ᐊᒻᒪᓗ ᖃᓂᓐᓂᓇᔭᖏᑦ ᑐᒃᑐᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᕝᕕᐅᔪᒧᑦ ᐃᓚᖃᕐᓗᑦ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᑉᐸᖕᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᐃᖏᕋᓂᓇᔭᐅᕙᒃᑐᑦ ᖁᑦᓯᖕᓂᓇᔭᖏᓐᓄᑦ) ᐱᐅᓂᖅᓴᐅᔪᑎᒍᑦ ᓇᐅᑦᓯᖅᑐᖓᐅᕙᓕᖅᑯᑉᓗᒋᑦ ᐊᒻᒪᓗ ᖃᓕᓈᓕᖅᓯᒪᓂᐅᔪᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕈᖕᓇᖅᑯᑉᓗᒋᑦ. ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒧᑦ ᐱᑦᔪᑎᖃᖅᑐᑦ ᐊᓯᔾᔨᓇᐊᖅᑕᐅᔪᓐᓇᕐᒪᑕ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᔪᓐᓇᕐᓗᑎᒃ ᐊᑐᕐᓂᐊᕐᓗᓂ ᓄᑖᑎᒍᑦ ᓴᓇᕈᑎᒃᓴᓂᒃ ᐱᖃᓯᐅᑎᑉᓗᒋᑦ ᖃᖓᑕᑎᑕᐅᑉᓗᑎᒃ ᐊᔾᔨᓕᐅᕈᑎᑦ ᐅᕝᕙᓘᓐᓃᑦ ᓄᓇᒦᑦᓗᑎᒃ ᖃᐅᔨᓴᐃᔾᔪᑎᓂᒃ. ᐱᓕᕆᔾᔪᑎᒋᔭᐅᓂᐊᖅᑐᑦ ᑐᙵᕝᕕᖃᖅᑎᑕᐅᕙᒃᑐᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᐅᓂᐊᖅᑐᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓄᑦ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᕐᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓂ ᖃᐅᔨᒃᑲᐅᑎᒋᑦᔪᑎᐅᕙᖕᓂᐊᕐᓗᑎᒃ ᐱᓗᐊᓕᖅᑎᑕᐅᔪᓐᓇᕐᓂᕐᒥᒃ ᐱᑕᖃᓕᖅᑎᑕᐅᖁᓇᒍ ᐊᒻᒪᓗ ᒥᑭᒡᓕᒋᐊᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᐊᑕᐅᑦᓯᒦᓕᖅᐸᖕᓂᖏᑦ ᐊᕙᑎᐅᔪᒥ ᑐᒃᑐᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᐸᓗᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᑦ.

ᐊᒥᓱᐃᓕᖓᔪᑎᒍᑦ ᐃᑲᔪᖅᑐᖓᐅᓯᒪᖓᓗᐊᖅᑎᓪᓗᒋᑦ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᕿᐱᓗᒍᑎᖃᓚᐅᕐᒪᑕ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓂᖏᑕ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᐅᖃᕐᓗᑎᒃ *"ᓈᒻᒪᒃᑐᓂᒃ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᑕᖃᙱᒻᒪᑕ ᑐᒃᑐᓂᒃ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ (CPM) [ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ] ᐃᑲᔪᕐᓂᖃᖅᑐᑎᒍᑦ ᐊᑐᖅᑕᐅᔪᓐᓇᕐᓂᖏᑕ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥ ᓴᓇᕈᑎᐅᓂᐊᖅᑐᓂᒃ ᑐᒃᑐᑦ ᓄᕐᖃᕐᕕᒋᕙᒃᑕᖏᓐᓄᑦ ᐊᒻᒪᓗ ᓄᕐᖃᖃᓕᖅᑎᓪᓗᒋᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᓂᒃ ᐊᐅᓚᕐᓯᓂᕐᒥ NLUP-ᕐᑯᑎᓂᒃ"*[41]. ᑭᓯᐊᓂᓗ, ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᓇᔭᖏᓐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᙱᑦᑐᓄᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᖏᑕ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᐊᑐᖅᑕᐅᕙᒍᖕᓇᕐᓂᖏᑕ ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᓗᑎᒃ, 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐃᓕᑕᕆᔭᐅᓯᒪᕗᑦ ᐃᒪᓐᓇ *"ᖃᓄᐃᑦᑑᓂᖃᕈᖕᓇᕐᒪᑕ ᐃᒪᓐᓇ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᕐᓗᑎᒃ ᑐᒃᑐᓂᒃ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᕐᓗᑎᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᑦ (CPM) ᐊᑐᓇᐊᒥᒃ ᓈᒻᒪᒍᖕᓇᕋᔭᕐᒪᑕ. ᑕᒪᒃᑯᐊ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᑲᒪᒋᔭᐅᔭᓇᐊᖃᕋᔭᖕᒋᑦᑐᑦ ᐆᒃᑐᕋᐅᑎᓕᐅᕐᓂᕐᒥ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᔭᓇᐊᖃᕋᔭᖕᒋᑦᑐᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖕᒋᓂᑦ (NPC), ᑭᓯᐊᓂᓗ ᐱᓕᕆᐊᖑᓇᔭᕆᐸᓗᓂ ᒪᓕᒐᓕᕆᓂᕐᒥ ᐱᔪᖕᓇᐅᑎᖃᖅᑎᒥᑦ."*[42].

ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᓈᒻᒪᒋᔭᐅᓯᒪᓕᖃᑦᑕᕐᓂᖏᑦ ᐊᒥᓱᕈᖅᐸᓪᓕᐊᖓᑕ ᓄᓇᑦᓯᐊᕐᒥ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ. ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (KivlA) ᓇᓗᓇᐃᔭᐃᓯᒪᕗᑦ ᐊᓯᕐᔨᓇᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᑕᒪᒃᑯᓄᖓ ᑐᕌᖓᐸᓗᑎᒃ ᐱᓕᕆᐊᓄᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐱᓕᕆᔪᓐᓇᐅᑎᐅᔪᓂᒃ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ. ᖃᐅᔨᒋᐊᕈᑎᐅᑉᓗᓂ ᐱᓕᕆᐊᖑᔪᖅ ᓄᓇᕐᓯᐊᕐᒥ ᑲᑐᔾᔭᐅᑉᓗᓂ ᒐᕙᒪᒃᑯᓐᓂᑦ ᐊᒻᒪᓗ ᓴᓇᕝᕕᖃᖅᑎᓂᑦ ᐱᔾᔪᑎᖃᖅᑎᒋᔭᐅᔪᓂᑦ ᓄᓇᕐᓯᐊᕐᒧᑦ ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᐅᔭᕋᖕᓂᐊᖅᑎᓕᓇᔭᖏᓐᓂᑦ (ᓄᓇᕐᓯᐊᕐᒥ

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[40] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ - ᒪᒃᐱᕋᖓ 71

[41] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ- ᒪᒃᐱᕋᖓ 71

[42] 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖏᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ- ᒪᒃᐱᕋᖓ 110

ᒐᕙᒪᖓᑦ 2022). ᑐᙵᕝᕕᓕᐊᖑᓯᒪᔪᓗᒍᒃ ᐊᒻᒪᓗ ᐊᐅᓚᑦᓯᓂᖅᑲᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᓂᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐊᑐᐃᓐᓇᐅᕗᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ ᖃᐅᔨᒋᐊᕈᑎᐅᔪᓗᒍᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ (ᖃᐅᔨᒋᐊᖅᑕᐅᓯᒪᓂᖏᑦ ᑭᖑᕙᕆᐊᖅᑎᑕᐅᓚᐅᖅᓯᒪᖕᒪᑕ 2021-ᒥ ᓄᕙᒡᔪᐊᕐᓇᖅ-19 ᐱᑦᔪᑎᒋᔪᓗᒍ). ᓄᓇᑦᓯᐊᕐᒥ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᕙᓪᓕᐊᖕᒪᑕ ᐊᑐᕐᓗᒋᑦ ᒪᓕᒐᕐᑯᑎᓄᑦ-ᑐᙵᕝᕕᖃᕐᑎᑕᐅᔪᓗᒍᒃ ᐱᓕᕆᔾᔪᓯᕐᓄᑦ ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒥ ᐱᓕᕆᓂᖅ ᐱᓗᐊᖅᑐᒥᒃ ᐱᓕᕆᐊᖑᔪᓗᓂ ᓄᓇᐅᔪ ᖁᑦᑎᖕᓂᖕᒐᓂᑦ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓄᑦ ᓄᓇᒦᓪᓗᒍᒃ ᓇᐅᑦᓯᖅᑐᕈᑎᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᖁᔪᓗᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᐅᔪᑦ ᐊᒻᒪᓗ ᑐᙵᕝᕕᖃᓗᐊᖅᐸᖕᓂᐅᔪᑦ ᖃᖓᑕᓲᓂᒃ. ᐃᓛᓗ ᒐᕙᒪᒃᑯᑦ ᐃᓚᐅᖃᑦᑕᖅᓯᒪᒐᓗᐊᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖑᔪᒧᑦ ᐊᒻᒪᓗ ᐱᑕᖃᖅᑎᑦᓯᔾᔨᐅᓂᐊᕐᓗᑎᒃ ᑐᒃᑐᑦ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᖕᒋᓐᓄᑦ ᓄᓇᙱᐊᓂᒃ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᔾᔨᐅᔪᓄᑦ, ᐊᑭᒋᔭᐅᓇᔭᑐᑦ ᐊᑐᓕᖅᑎᑦᓯᓂᕐᒥ ᑲᒪᒋᔭᐅᓂᐊᖅᐳᑦ ᓴᓇᕝᕕᐅᔪᓂᑦ. ᑕᕝᕙᓂ ᓴᖅᑮᓯᒪᕗᒍᑦ ᐱᓕᕆᔾᔪᓯᐅᓇᔭᖅᑐᓂᒃ, ᑐᙵᕝᕕᖃᖅᑎᑕᐅᒪᔪᓂᒃ ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓂᑦ (KivlA) ᐊᒻᒪᓗ ᓄᓇᑦᓯᐊᕐᒥ (NWT) ᐊᑐᖅᑕᐅᓯᒪᔪᓂᒃ, ᖃᓄᖅ ᐊᓯᑦᓯᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᔪᖕᓇᕐᒪᖔᑕ ᓄᓇᕗᒻᒥ.

ᐱᓕᕆᔾᔪᓯᐅᓇᔭᖅᑐᑦ ᐊᑐᓕᖅᑎᑦᓯᓂᕐᒥ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᓄᓇᕗᒻᒥ

ᐱᔾᔪᑎᒋᔭᐅᓗᐊᖅᓯᒪᔪᑦ ᐸᕐᓇᐅᑎᓕᕐᓂᕐᒥ, ᐊᐅᓚᑦᓯᓂᖅᑲᕐᕕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒋᐊᖅᑕᐅᖕᓂᖕᒋᓐᓄᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᐃᒪᓐᓇ ᓇᐃᒃᓕᒋᐊᖅᑕᐅᓯᒪᓗᑎᒃ ᐅᖃᐅᓯᐅᔪᖕᓇᖅᐳᑦ:

1. ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓗᑎᒃ ᐃᓄᐃᑦ ᖃᑐᔾᒪᔭᑐᖃᖕᒋᓐᓄᑦ (IQ) ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᖕᒋᓐᓄᑦ: *ᐱᓕᒻᒪᒃᓴᕐᓂᖅ* - ᐊᔪᖕᒋᓐᓂᓇᔭᓂᒃ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᖅ ᑕᑯᓐᓇᖅᑎᑦᓯᓂᒃᑯᑦ, ᑐᑭᒧᐊᒃᑎᖃᕐᓂᒃᑯᑦ, ᐊᔪᕈᖕᓃᖅᓴᑎᑕᐅᓂᒃᑯᑦ, ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᕐᓂᖅᑎᒍᑦ; *ᑲᔪᖅᑎᒌᖕᓂᖅ* - ᐱᓕᕆᖃᑎᒌᖕᓂᒃ ᐱᓕᕆᐊᖑᓕᖅᓯᒪᔪᓂᒃ; *ᖃᓄᖅᑑᕐᓂᖅ* - ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᖃᕐᓂᖅ ᓄᑖᑎᒍᑦ ᐊᒻᒪᓗ ᓇᖕᒥᓂᖅ ᐱᓕᕆᓂᖃᕈᖕᓇᕐᓂᖅ; ᐊᒻᒪᓗ ᐊᕙᑎᑦᑎᓐᓂᒃ *ᑲᒪᑦᓯᐊᕐᓂᖅ* - ᐅᐱᒍᓱᑦᓯᐊᕐᓂᖅ ᐊᒻᒪᓗ ᑲᒪᑦᓯᐊᕐᓂᖅ ᓄᓇᒥᒃ, ᐆᒪᔪᓂᒃ ᐊᒻᒪᓗ ᐊᕙᑎᐅᔪᒥᒃ.
2. ᑐᙵᕝᕕᐅᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐱᑕᖃᖅᑎᑦᓯᖕᒪᑕ ᐱᑦᔪᑎᒋᔭᐅᔪᓄᑦ, ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᓄᑦ ᐊᑐᓕᖅᑎᑦᓯᓂᐊᕐᓂᕐᒥ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ.
3. ᐊᐅᓚᑦᓯᓂᖅᑲᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᐅᔪᓗᒍᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᓇᓗᓇᐃᔭᐃᓯᒪᕗᑦ ᖃᓄᖅ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᔾᐅᔪᑦ ᐊᑐᓕᖅᑎᑦᓯᔪᖕᓇᕐᒪᖔᑕ ᐊᒻᒪᓗ ᓴᖅᑮᓯᒪᓕᖅᑲᑦᑕᕈᖕᓇᕐᒪᖔᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᐱᓕᕆᕝᕕᒋᔭᒥᖕᓂ.
4. ᓄᓇᕗᒻᒥ ᒐᕙᒪᖓᑕ ᐃᖅᑲᓇᐃᔭᖅᑎᖕᒋᑦ ᐊᒻᒪᓗ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ (RIAs; ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓐᓂ) ᐱᓕᕆᖃᑎᖃᑦᓯᐊᕐᓂᐊᖅᑐᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᕐᓄᑦ ᐱᓕᕆᔾᐅᔪᓂᒃ ᐊᒥᖅᑲᕈᑎᖃᖃᑦᑕᕐᓂᐊᕐᓂᕐᒧᑦ ᑕᒪᐃᓐᓂᒃ ᑐᓴᒐᒃᓴᕐᑯᑎᐅᔪᓂᒃ ᓲᕐᓗ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐊᒥᖅᑲᕈᑎᖃᖃᑦᑕᕐᓂᐊᕐᓂᕐᒥᒃ ᐊᖏᕈᑎᐅᓯᒪᔪᓂᒃ ᑐᒃᑐᓄᑦ ᐅᖓᓯᒃᑐᒥᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓄᓇᙱᐊᕐᑯᑎᓂᒃ ᑐᒃᑐᓂᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᐸᒃᑐᓄᑦ ᖃᓄᖅ ᐊᑯᓂᐅᑎᒋᔪᒥᒃ, ᐊᒻᒪᓗ ᐱᑕᖃᖅᑎᑦᓯᔾᔨᐅᕙᖕᓂᕐᒧᑦ ᖃᐅᔨᒪᔭᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐃᑲᔪᕈᑎᒃᓴᓂᒃ ᐱᔭᐅᓯᒪᓕᕆᐊᖃᖅᑎᓪᓗᒋᑦ.
5. ᑐᒃᑐᑦ ᓇᐅᑦᓯᖅᑐᒐᐅᕙᖕᓂᐊᖅᑐᑦ ᐃᓗᐊᓃᓕᖅᓯᒪᔪᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᔪᑉ ᐊᕙᑎᒋᔭᖕᒐᓂ, ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᒐᐅᓂᖕᒋᓐᓂ ᖃᓄᐃᓕᕐᓂᐅᔪᑦ ᐃᓱᒪᒋᓗᒋᑦ ᐊᒃᑐᒐᐅᓯᒪᓕᖅᐸᖕᓂᖕᒋᓐᓄᑦ ᖁᑦᑎᖕᓂᓇᔭᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᖅᑳᕐᑎᓐᓇᒋᑦ. ᑕᐃᒪᓗ ᐊᒃᑐᒐᐅᓯᒪᓂᖕᒋᓐᓄᑦ ᑎᑭᓯᒪᓕᖅᐸᑕ, ᐋᖅᑭᒃᑕᐅᕙᒋᖅᓯᒪᔪᓗᒍᒃ ᒥᑭᒡᓕᒋᐊᕈᑎᒃᓴᑦ ᐊᑐᓕᖅᑎᑕᐅᓇᔭᕐᓗᑎᒃ ᖁᕙᕙᓯᒃᓯᒋᐊᖅᓯᒪᑎᑕᐅᓗᑎᒃ ᖃᓄᑎᒋᐅᓂᖕᒋᑦ ᑐᒃᑐᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒧᑦ ᑎᑭᐅᑎᕙᓪᓕᐊᓂᖕᒋᓐᓄᑦ, ᖃᓄᑐᐃᓐᓇᖅ ᐸᕝᕕᓵᖅᑕᐅᓯᒪᓕᖁᓇᒋᑦ ᐅᕝᕙᓘᓐᓃᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕈᖕᓇᖁᑉᓗᒋᑦ ᐸᕝᕕᓵᖅᑕᐅᓕᖅᓯᒪᓂᖕᒋᑦ ᑐᒃᑐᑦ.
6. ᓇᐅᑦᓯᖅᑐᐃᔾᔪᑎᑎᒍᑦ ᖃᐅᔨᒃᐸᑕ ᑐᒃᑐᑦ ᐅᖓᕙᕆᐊᖅᓯᒪᓕᖅᓂᖕᒋᓐᓂᒃ ᐊᐅᓪᓚᕐᓗᑎᒃ ᐊᒻᒪᓗ ᐊᒥᓲᓂᖕᒋᑦ ᐊᒻᒪᓗ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᐅᔪᑦ ᑐᒃᑐᑦ ᖃᓂᑕᖓᓂ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᑉ ᐊᒥᓲᔪᖕᓃᖅᓯᒪᓕᖅᐸᑕ, ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓂᖕᒋᑦ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᓄᑦ ᐊᒻᒧᒋᐊᖅᑎᑕᐅᓯᒪᓕᕋᔭᕐᓗᑎᒃ.
7. ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᑦᑐᑎᒍᑦ ᒥᐊᓂᖅᓯᓂᕐᒥ ᐱᓕᕆᔾᐅᔪᑦ ᐅᑭᐅᑕᒫᑦ ᐅᖃᐅᓯᒃᓴᒥᖕᓂᒃ ᓴᖅᑮᓯᒪᓕᖃᑦᑕᕐᓂᐊᖅᐳᑦ ᐊᑐᕐᐸᒃᓗᒋᑦ ᐋᖅᑭᒃᓯᐊᖑᕙᒋᖅᓯᒪᔪᑦ ᑎᑎᕋᕐᕕᒃᓴᐃᑦ, ᐃᑲᔪᕐᓂᖃᕐᒪᖔᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑎᒍᑦ

ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᔪᓐᓇᕐᑯᑉᐳᒋᑦ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑎᐅᓂᖏᑕ ᐊᑭᒋᔭᐅᕙᒃᑐᑦ, ᓴᓇᔨᖃᕆᐊᖃᖅᐸᓐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᑎᑭᑕᐅᓯᒪᓕᓚᐅᕐᒪᖔᑕ ᖃᓄᐃᓕᖓᓕᕐᕕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ.

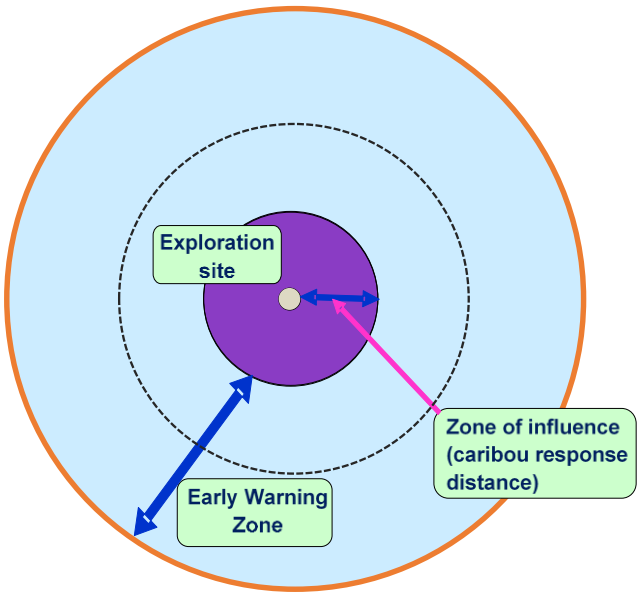
ᓱᓇᓄᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᓐᓇᕐᓗᑎᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᕙ?

ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓇᔭᖅᑐᑦ ᐃᓗᐊᓐᓂ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᔪᑎᒍᑦ ᑐᒃᑐᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᑦ ᐊᕙᑎᖓᓃᑉᐸᒃᑐᓄᑦ ᓄᓇᕗᒻᒥ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓄᓇᑦ ᐊᕙᑎᒋᕙᒃᑕᖏᓐᓂ (ᐊᒻᒪᓗ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐅᑉᐳᓇᔭᐅᔪᑦ) ᐱᑕᖃᖅᑎᑕᐅᓯᒪᑉᐳᑎᒃ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᒫᓐᓇᒧᑦ ᑎᑭᑎᑕᐅᓯᒪᔭᕆᐊᖃᖅᐸᖕᓂᐊᖅᑐᑦ ᑕᑯᒃᓴᐅᑎᑕᐅᓯᒪᓕᕐᑯᑉᐳᒋᑦ ᓄᑕᐅᓂᖅᐹᑦ ᑐᒃᑐᓂᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᖏᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ. ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓇᔭᖅᑐᑦ ᓯᓚᑖᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᕙᒃᑐᓂᑦ ᐊᒻᒪᓗ ᐊᕙᑎᒋᔭᐅᔪᓂᑦ ᐱᓕᕆᓂᖅᑕᕐᑲᕆᐊᖃᖏᑎᑕᐅᔪᑦ ᓈᒻᒪᖏᑦᑐᓂᒃ ᐊᑐᖅᐸᒃᓗᑎᒃ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᑎᓪᓗᒋᑦ (ᓱᕐᓗᐊᑐᖅᑕᐅᕙᓐᓂᖏᑦ ᑭᒡᓕᖃᖅᑎᑕᐅᓯᒪᑉᐳᑎᒃ, ᒪᓕᒐᒃᓴᖃᖅᑎᑕᐅᑉᐳᑎᒃ ᐊᒻᒪᓗ ᐊᑯᑉᓕᐅᓂᖃᖅᑎᑕᐅᑉᐳᑎᒃ ᐊᑐᖅᐸᓐᓂᐅᔪᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓂ ᑎᑎᕋᖅᑕᐅᓯᒪᑉᐳᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓂ).

ᖃᓄᖅ ᐱᓕᕆᔾᔪᑎᐅᕙᓐᓂᐊᕐᒪᑕ?

ᓇᐅᑦᓯᖅᑐᐃᕝᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᐅᔪᓂ

ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐱᓕᕆᔾᔪᑎᐅᔪᓐᓇᖅᑐᑦ ᒪᕐᕉᑉᐳᑎᒃ ᐊᕙᑖᒍᖅᐸᓪᓕᐊᓯᒪᓂᖃᖅᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᑦ ᐃᓗᐊᓐᓂ, ᐊᖏᒡᓕᕙᓪᓕᐊᓂᖃᖅᑎᓪᓗᒍ ᖃᐅᔨᓴᖅᑕᐅᓂᖓᓄᑦ ᐱᓕᕆᓂᐅᔪᖅ ᖃᐅᔨᒋᐊᖅᓯᒪᓕᕐᓂᐊᕐᓗᒋᑦ ᑐᒃᑐᑦ ᑎᑭᑉᐸᓪᓕᐊᔪᓐᓇᖅᑐᑦ ᐅᕝᕙᓘᓐᓃᑦ ᑕᐃᒪᐅᓕᖅᑐᓄᑦ. ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᐱᑦᔪᑎᖃᖅᐳᖅ ᐊᑕᐅᓯᐅᑉᐳᓂ ᓇᓃᓐᓂᖓᑕ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒧᑦ, ᓱᕐᓗ ᓄᓇᖃᕐᕕᐅᔪᖅ ᓇᔪᖅᑕᐅᑉᐳᓂ. ᑕᒪᒃᑯᐊ ᐊᕙᑎᒋᔭᐅᓕᖅᓯᒪᔪᑦ ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓕᕈᓐᓇᕐᒪᑕ ᐊᒻᒪᓗ ᑲᑎᑕᐅᓯᒪᓂᖃᕐᓗᑎᒃ ᐊᒥᓱᕐᓚᐅᑉᐳᑎᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓂᒃ, ᑕᑯᒃᓴᐅᑎᑦᓯᓯᒪᓕᕐᓂᐊᕐᓗᑎᒃ ᖃᓄᑎᒋ ᐱᓕᕆᓂᖃᕐᓂᐅᔪᒧᑦ ᐊᑕᐅᑦᓯᒥ ᐊᐅᓚᑦᓯᓂᐅᔪᒥ.



ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1. ᑎᑎᕋᐅᔭᖅᑕᐅᓯᒪᔪᑎᒍᑦ ᐊᑕᕝᕕᒋᑐᕋᐅᓐᓂᖏᑦ ᐱᓕᕆᐊᖑᔪᑉ (ᖃᐅᔨᓴᐃᓂᐅᔪᑉ) ᐊᕙᑎᖓᑕ, ᐊᒃᑐᐃᓯᒪᓂᖃᕐᕕᐅᔪᑉ ᐊᕙᑎᖓᑕ, ᖃᐅᔨᒃᑲᐅᑎᒋᔭᑎᒃᓴᐅᑉᐳᓂ ᐊᕙᑎᒋᔭᖓᑕ, ᐊᒻᒪᓗ ᓇᐅᑦᓯᖅᑐᐃᓂᕐᒥ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᐊᕙᑎᒋᔭᖓᑕ (ᓯᓚᑖᓂ ᐊᐅᐸᔮᖅᑐᒥᒃ ᑎᑎᕋᐅᔭᖅᑕᐅᓯᒪᔪᖅ). ᐅᑦᔨᕆᓗᒍ ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᐅᔪᒃᓴᐅᑉ ᐊᕙᑎᒋᔭᖓ ᐊᕕᒃᑕᐅᓯᒪᓂᖃᕐᒪᑦ ᐃᓗᑦᓕᐅᔪᒧᑦ ᐊᒻᒪᓗ ᓯᓚᑦᓕᐅᑉᐳᓂ ᐊᕙᑎᒍᔭᐅᔪᓄᑦ.

'ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᐅᔪᒃᓴᐅᑉ ᐊᕙᑎᒋᔭᖓᒐᑦ' ᐊᖏᓂᕆᔭᐅᕙᒃᑐᑦ ᐊᔾᔨᒌᒃᐸᖕᒋᒻᒪᑕ ᑐᒃᑐᑕᖃᓕᖅᐸᖕᓂᐅᔪᑦ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᑕᑯᒃᓴᐅᑎᑦᓯᓯᒪᕙᖓᒪᑕ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓐᓂᖏᑕ ᑐᒃᑐᑦ ᖃᓄᐃᓕᐅᕐᓂᐅᔪᓂ ᐅᑭᐅᑉ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᐊᒻᒪᓗ ᐃᖏᕋᕙᓪᓕᐊᓂᕆᔭᖏᑕ ᖁᑦᓯᖕᓂᕆᔭᖏᓐᓄᑦ (ᑖᒃᑯᐊ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᖅᐸᖕᓂᐊᖅᐳᑦ ᒪᓕᒃᑎᑕᐅᓯᒪᓗᑎᒃ ᐊᒥᕋᕐᑯᑎᐅᔪᓄᑦ ᑐᕝᖓᑎᑕᐅᓯᒪᕙᒡᓗᑎᒃ; ᑐᙵᕝᕕᖃᖅᑎᑕᐅᓯᒪᓗᑎᒃ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᓄᓇᓯᐊᕐᒥ ᐊᑐᖅᑕᐅᓯᒪᔪᓄᑦ). ᓲᕐᓗ, ᒥᑭᓂᖅᓴᐅᔪᓂᒃ ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᐅᔪᒃᓴᓂᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᐊᑐᖅᐸᖓᑕ ᐅᑭᐅᖑᑎᓪᓗᒍ ᐃᖏᕋᕙᓪᓕᐊᕙᖕᓂᖏᑦ ᖁᑦᓯᖕᓂᕆᕙᒃᑕᖏᑦ ᐊᑦᓯᖕᓂᖅᓴᐅᕙᖓᑕ ᐊᒻᒪᓗ ᑐᕌᖅᕕᒃᓴᖃᓗᐊᖅᐸᖕᒋᓪᓗᑎᒃ ᐃᖏᕋᕙᖕᓂᒥᖕᓂ. ᐊᖏᓂᖅᓴᐅᑉᓗᑎᒃᓗ ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᒃᓴᐅᑉ ᐊᕙᑎᒋᕙᒃᑕᖏᑦ ᐊᑐᖅᑕᐅᕙᒃᐳᑦ ᐅᐱᖕᖓᒥ ᐃᖏᕋᕐᓕᖅᑎᓪᓗᒋᑦ ᖃᐅᑕᒫᑦ ᐅᖓᓯᒃᑐᒧᑦ ᐃᖏᕋᕐᓂᕆᕙᒃᑕᖏᑦ ᖁᑦᓯᖕᓂᖅᓴᐅᕙᖓᑕ ᐊᒻᒪᓗ ᓇᒧᖕᖓᕙᓪᓕᐊᓂᖏᑦ ᓇᓗᓇᖕᒋᓐᓂᖅᓴᐅᕙᒃᓗᑎᒃ. ᐊᒃᑐᐃᓯᒪᓂᖃᕐᕕᐅᔪᑉ ᐊᕙᑎᒋᔭᖓ ᐊᕙᑎᒋᔭᐅᕙᖓᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒥᑦ ᑐᒃᑐᓄᑦ ᐃᓕᖅᑯᓯᕆᔭᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᓯᐊᒻᒪᒃᑎᖅᓯᒪᓂᕆᕙᒃᑕᖏᑦ ᐊᓯᑦᔨᖅᓯᒪᓕᕈᖕᓇᕐᓂᐊᕐᓗᑎᒃ ᐱᔾᔪᑎᒋᓗᒋᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒥᑦ ᐱᓕᕆᐊᖑᔪᑦ, ᑕᐃᒪᓗ, ᑐᒃᑐᑦ ᐅᖓᓯᒃᓯᒋᐊᖅᐸᖕᓂᖏᑦ.

ᑭᒡᓕᒋᔭᐅᔪᑦ

ᐊᒥᓲᓂᖏᓐᓄᑦ ᑭᒡᓕᒋᔭᐅᓇᔭᖅᑐᑦ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᓄᑦ ᐱᑕᖃᓕᖅᑎᑦᓯᓇᔭᕐᓗᑎᒃ ᐊᒃᑐᖅᑕᐅᓯᒪᓂᖏᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᖏᓐᓄᑦ ᐊᒃᑐᒐᐅᓯᒪᓂᖃᖅᐸᖕᒪᑕ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐊᖏᓂᕆᔭᖓᓂᑦ ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᐅᕙᒃᑐᓂᑦ ᐊᕙᑎᒋᔭᖏᓐᓂ. ᑐᕌᖅᕕᒃᓴᖃᖅᑎᑕᐅᕗᑦ ᒥᐊᓂᕆᔭᐅᓯᒪᓕᖅᑯᑉᓗᒋᑦ ᐸᕝᕕᓵᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᓂᖏᑦ ᐊᒥᓲᕐᓗᑎᒃ ᑐᒃᑐᑦ ᖃᓂᒡᓕᓯᒪᓕᕈᖕᓇᖅᑐᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒧᑦ.

ᑐᓴᒐᒃᓴᖅᑯᑎᐅᔪᑦ ᑐᒃᑐᓂᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓂᑦ ᐊᑐᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᒪᑕ ᓯᕗᓪᓕᕐᒥᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᐅᕙᖕᓂᐊᖅᑐᓂ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᑕᑯᔭᐅᖃᑦᑕᖅᓯᒪᓂᖏᓐᓂᑦ ᐱᓕᕆᐊᒧᑦ ᑐᕌᖓᐸᓗᑎᒃ ᖃᖓᑕᓲᒃᑰᖅᐸᖕᓂᕐᓂᑦ. ᐋᖅᑭᒃᓱᐃᓂᐅᔪᓄᑦ ᐊᒻᒪᓗ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖅᑯᑎᓂᒃ ᐊᒥᖅᑲᕈᑎᖃᖅᑲᑦᑕᕐᓂᕐᒧᑦ ᐊᖏᕈᑎᖃᖅᓯᒪᓕᕆᐊᖃᕐᓂᐊᖅᑐᑦ ᓄᓇᕗᑦ ᒐᕙᒪᖓᑕ ᐊᕙᑎᓕᕆᔨᖏᓐᓂᒃ (GN-DOE) ᐊᒥᖅᑲᕈᑎᖃᖅᑲᑦᑕᖅᓯᒪᓂᐊᕐᑯᑉᓗᒋᑦ ᑐᒃᑐᓄᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ ᓄᓇᙳᐊᓂᒃ ᐱᓇᓱᐊᕈᓯᖅ ᒪᕿᐃᕐᓗᒍᒥᑦ ᐱᖓᓱᐃᕐᓗᒍᒧᑦ ᑕᐃᒪ ᑐᒃᑐᑦ ᐊᖏᓂᖅᓴᐅᔪᒥ ᓄᓇᐅᑉ ᐊᕙᑎᒋᔭᖓᓃᑦᓱᖕᓇᖅᓯᓯᒪᑎᓪᓗᒋᑦ.

ᖃᓕᓈᓕᖅᓯᒪᑉᓗᑎᒃ ᐊᒃᑐᒐᐅᓯᒪᓂᐅᔪᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᓯᒪᓂᐅᔪᑦ

ᓇᐅᑦᓯᖅᑐᐃᓂᐅᔪᑦ (ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᑦ ᑐᒃᑐᑦ ᓇᓃᓐᓂᖏᑦ, ᖃᖓᑕᓲᒃᑯᑦ ᖃᐅᔨᓴᒐᐅᓯᒪᔪᑦ ᑕᐃᒪᓐᓇ ᖃᐅᔨᓴᐃᓂᖃᖅᐸᑕ, ᑕᑯᔭᐅᖃᑦᑕᖅᓯᒪᓂᖏᑕ ᑐᒃᑐᑦ) ᖃᐅᔨᒃᑲᐅᑎᒋᕝᕕᐅᕙᒃᑐᑦ ᐊᕙᑎᒋᔭᖏᓐᓂ ᐅᕝᕙᓘᓐᓃᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᐅᔪᑦ ᖃᖓᑕᕙᖕᓂᖏᓐᓂᒃ ᐊᒥᓲᓗᐊᕈᖕᓃᖅᑎᒋᐊᕐᓂᐊᕐᓗᑎᒃ ᐅᕝᕙᓘᓐᓃᑦ ᑐᒃᑐᑦ ᖁᓛᑎᒍᑦ ᖃᖓᑕᑦᑕᐃᓕᖅᑯᔨᓂᕐᒧᑦ ᐅᕝᕙᓘᓐᓃᑦ ᑐᒃᑐᑦ ᖃᓂᒋᔭᖏᓂ ᒥᑦᑕᐃᓕᖅᑯᔨᓂᕐᒧᑦ. ᐱᓕᕆᔨᐅᔪᖅ ᓇᓗᓇᐃᖅᓯᒃᐸᑦ ᑭᖑᕙᕆᐊᖅᓯᒪᓕᖅᓂᖏᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓂ ᐊᐅᓚᑦᓯᓂᐅᔪᑦ ᑮᓇᐅᔭᑎᒍᑦ ᓈᒻᒪᙱᓐᓂᖏᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐃᑲᔪᖅᓂᖃᑦᓯᐊᙱᓐᓂᖏᑕ, ᐅᖃᑦᓚᐅᓯᕆᔭᐅᔭᕆᐊᖃᖅᓂᐊᖅᑐᖅ ᑕᒪᓐᓇ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᒥᑦ ᐊᒻᒪᓗ ᓄᓇᕗᑦ ᒐᕙᒪᖓᑕ ᐊᕙᑎᓕᕆᔨᖏᓐᓂᑦ (GN-DOE) (ᐅᕝᕙᓘᓐᓃᑦ ᓄᓇᓕᕆᓂᖅᒥ ᐊᐅᓚᑦᓯᔨᐅᔪᒥᑦ). ᐱᓕᕆᔨᒋᔭᐅᔪᖅ ᓂᕆᐅᒋᔭᐅᓯᒪᖓᑦ ᐱᔪᖕᓇᖅᓂᓕᒫᒥᒍᑦ ᐋᖅᑭᒋᐊᖅᑲᑦᑕᖅᑯᔭᐅᑉᓗᓂ ᐱᓕᕆᐊᕆᔭᒥᖕᓂᒃ ᒥᑭᒡᓕᑎᑕᐅᓯᒪᓕᕈᑎᐅᓇᔭᖅᑐᓄᑦ ᑐᒃᑐᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᕈᖕᓇᕐᓂᖏᓐᓂᑦ.

ᑭᓇᒃᑯᑦ ᐱᓕᕆᐊᒃᓴᖃᕐᓕᐊᖅᐸᑦ ᓱᓇᓂᒃ ᐊᒻᒪᓗ ᖃᖓ?

ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᐊᕐᓂᖏᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐱᖓᓱᐃᓕᖓᖕᒪᑦ: (i) ᓇᐅᑦᓯᖅᑐᐃᓂᖅ, ᖃᓄᐃᓕᖓᓕᕐᓂᖏᑦ ᕿᒥᕐᕈᔭᐅᓚᐅᖅᑐᑦ ᐊᔾᔨᒌᙱᓐᓂᖃᕆᐊᒃᓴᖏᓂᒃ ᓇᓗᓇᐃᖅᑕᐅᕙᒌᖅᓯᒪᐸᓗᑎᒃ ᑭᒡᓕᖏᔭᐅᔪᓄᑦ; (ii) ᑭᒡᓕᕆᔭᐅᑎᑕᐅᔪᑦ ᐱᒋᐊᖅᑎᑦᓯᕙᖕᒪᑕ ᐃᓱᒪᓕᐅᕈᑎᖃᖅᓯᒪᓕᕆᐊᒧᑦ ᖃᓄᑎᒋ ᖃᓕᓈᓕᖅᓯᒪᐸᓗᑎᒃ ᐊᒃᑐᒐᐅᓯᒪᓕᕐᓂᖏᓂᒃ ᒥᑭᒡᓕᕆᐊᖅᑎᑦᓯᒋᐊᕈᒪᓂᕐᒧᑦ; ᐊᒻᒪᓗ (iii) ᒥᑭᒡᓕᕆᐊᖅᑎᑦᓯᓂᖅ. ᖃᓕᓈᓕᖅᓯᒪᐸᓗᑎᒃ ᐊᒃᑐᒐᐅᓯᒪᓕᕐᓂᕐᓂᒃ ᒥᑭᒡᓕᕆᐊᖅᑎᑦᓯᔾᔪᑎᒃᓴᑦ ᐊᑐᓕᖅᑎᑕᐅᕙᒃᑐᑦ ᖃᓄᑐᐃᓐᓇᖅ ᐸᕝᕕᓵᖅᑕᐅᓯᒪᓕᖅᑎᑦᓯᑦᑕᐃᓕᓂᐊᕐᓗᑎᒃ ᑐᒃᑐᓂᒃ. ᑕᐃᒪᓗ, ᓇᐅᑦᓯᖅᑐᐃᕙᖕᓂᖅ ᐊᑐᖅᑕᐅᔪᖕᓇᕐᒪᑦ ᐃᑲᔪᕈᑎᒃᓴᐅᓂᐊᕐᓗᓂ ᐊᑐᕐᓂᖃᖅᑑᓂᖏᓐᓄᑦ ᒥᑭᒡᓕᕆᐊᖅᑎᑦᓯᔾᔪᑎᐅᕙᒃᑐᑦ.

ᐋᖅᑭᒃᓱᐃᖃᑎᒌᖕᓂᖏᑦ ᓄᓇᕗᒻᒥ ᒐᕙᒪᖓᑦᑕ-ᐊᕙᑎᓕᕆᔨᖏᑦ (GN-DOE), ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦᑕ (RIA) ᐊᒻᒪᓗ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᐅᔪᑦ ᐱᒻᒪᕆᐅᓗᐊᕐᓂᐊᕐᒪᑕ ᐊᑐᓕᖅᑎᑕᐅᕙᓪᓕᐊᓂᖏᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᐃᖏᕋᕋᓯᐊᖅᑎᑕᐅᔪᖕᓇᕐᓂᖏᓐᓄᑦ. ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᑦ ᐱᑕᖃᖅᑎᑦᓯᕝᕕᐅᓂᐊᖅᑐᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐸᕐᓇᐅᑎᓕᐅᓕᓵᕐᓂᖏᓐᓂ ᐊᒻᒪᓗ ᐅᔾᔨᕈᓱᓕᖅᑎᑕᐅᓯᒪᓗᓂ ᓱᓇᓂᒃ ᒪᓕᒋᐊᖃᕐᓂᐊᕐᓂᕐᒥᖕᓄᑦ ᑐᕋᕐᕕᐅᓇᓱᐊᖅᑐᓂᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᑐᒃᑐᑦ ᐸᕝᕕᓵᖅᑕᐅᓯᒪᓕᕐᑯᓇᒋᑦ ᐊᒻᒪᓗ ᐸᕝᕕᓵᖅᑕᐅᓕᖅᑎᑦᑕᐃᓕᓂᐊᕐᓗᒋᑦ. ᓄᓇᓂᒃ ᐊᐅᓚᑦᓯᔾᔨᐅᔪᖅ ᐊᒥᖅᑲᕈᑎᖃᕐᓂᐊᖅᑐᑦ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᔪᓂᒃ ᑐᒃᑐᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᓇᔪᖅᐸᒃᑕᖏᓂᒃ ᓯᐊᒻᒪᒃᓯᒪᑉᐅᑎᒃ ᐃᓱᒪᒋᓗᒋᑦ ᓄᓇᓂᒃ ᐊᑐᕐᓂᕐᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᑦ ᓇᓃᓐᓂᖏᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔨ ᖃᐅᔨᒪᕙᒌᖅᓯᒪᖃᑦᑕᕐᑯᐸᓗᒍ ᓱᓇᓂᒃ ᓂᕆᐅᒋᔭᖃᓕᕆᐊᒃᓴᒥᓄᑦ ᐱᔾᔪᑎᒋᓗᒋᑦ ᑐᒃᑐᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᓕᖅᐸᖕᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᕕᐅᕙᒃᑐᓄᑦ ᐱᓕᕆᓂᐅᕙᒃᑐᑦ ᐱᒋᐊᖅᑎᑕᐅᓚᐅᖅᑳᕐᑎᓐᓇᒍ. ᑕᒪᓐᓇ ᐱᒻᒪᕆᐅᓗᐊᕐᓂᐊᕐᒪᑦ ᒥᑭᓂᖅᓴᐅᐸᓗᑎᒃ, ᖃᐅᔨᓴᐃᓂᕐᒥ ᐱᓕᕆᐊᖃᕐᓂᐅᕙᒃᑐᑦ ᐱᒋᐊᓕᓵᖅᑎᓪᓗᒋᑦ ᖃᐅᑕᒫᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ ᐱᓕᕆᔾᔪᑎᒃᓴᐅᕙᒃᑐᑦ ᐸᑕᖃᙱᑐᐃᓐᓇᕆᐊᖃᖅᑎᓪᓗᒋᑦ. ᓄᓇᓄᑦ ᐊᐅᓚᑦᓯᔾᔨᒋᔭᐅᔪᑦ ᐊᒥᖅᑲᕈᑎᖃᖃᑦᑕᕐᓂᐊᖅᑐᑦ ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᕐᒥ ᐱᓕᕆᔨᓄᑦ ᓄᓇᙱᐊᕐᑯᑎᒥᖕᓂᒃ (ᓄᓇᓕᐅᔪᒥ ᖃᐅᔨᒪᔭᐅᔪᓂᒃ, ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᓄᑦ) ᑐᕌᖓᔪᓄᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓄᑦ ᐱᓇᓱᐊᕈᓯᖅ ᒪᕿᐃᖅᐸᒃᓗᒍ ᐅᕝᕙᓘᓐᓃᑦ ᐱᖓᓱᐃᖅᐸᒃᓗᒍ. ᓄᓇᓂᒃ ᐊᑐᖅᐸᖕᓂᕐᒧᑦ ᐱᓕᕆᔨ ᐱᓕᕆᐊᒃᓴᖃᕐᒪᑦ ᑐᑭᓯᐅᒪᔭᕆᐊᖃᕐᓂᕐᒥᓄᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᒪᓕᒃᓗᒋᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᐸᓗᓂ ᐱᓕᕆᓂᐅᔪᒧᑦ ᓄᓇᒥ, ᐊᑐᓕᖅᑎᑦᓯᕙᒋᐊᖃᕐᓂᕐᒥᓄᑦ ᐊᒃᑐᐃᓯᒪᓂᐅᔪᓄᑦ ᒥᑭᒡᓕᕆᐊᖅᑎᑦᓯᔾᔪᑎᐅᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ, ᐊᒻᒪᓗ ᐅᑭᐅᑕᒫᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐅᖅᑕᐅᓯᒪᔪᓂᒃ ᓴᖅᑮᖃᑦᑕᕐᓂᐊᕐᓂᕐᒥᓄᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ. ᐱᓕᕆᐊᖑᔪᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᒃᓴᕆᔭᐅᔪᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᕗᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 1-ᒥ.

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 2. ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᑦ ᐱᓕᕆᐊᖑᓕᕐᓂᐊᖅᑐᓄᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐊᐅᓚᑦᓯᓂᖃᕐᓂᕐᒥ ᐊᑐᕐᓗᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓄᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᑐᒃᑐᓂᒃ ᓄᓇᕗᒻᒥ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓂ.

	ᐱᓕᕆᐊᒃ-ᓴᐅᔪᖅ	ᒐᕙᒪᒃᑯᑦ ᓄᓇᓄᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖓᑦ	ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨ
1	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᓄᓇᕗᑦ ᒐᕙᒪᖓᑦᑕ-ᐊᕙᑎᓕᕆᔨᑦ (GN-DOE) ᐊᒻᒪ ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑦ (RIA) (ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓂ) ᑐᓴᖅᑎᑦᓯᓗᑎᒃ ᐱᑕᖃᓕᖅᑎᑕᐅᔭᕆᐊᖃᕐᓂᖓᑕ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᓕᕆᔨᑎᒍᑦ, ᐅᔭᕋᒃᑕᕆᐊᓕᕆᓂᕐᓄᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᕕᖓᑎᒍᑦ, ᓄᓇᕗᑦ ᒐᕙᒪᖓᑦ (GN) ᖃᕆᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᖏᑎᒍᑦ, ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑎᒍᑦ	ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᐅᔪᖅ ᐅᔾᔨᕈᓱᓕᖅᑎᑕᐅᓗᓂ ᖃᓄᖅ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐱᑕᖃᓕᕆᐊᖃᕐᓂᖏᑦ ᐅᔭᕋᒃᑕᕆᐊᓕᕆᔨᒃᑯᑎᑦ, ᐅᔭᕋᒃᑕᕆᐊᓕᕆᓂᕐᓄᑦ ᑎᑎᕋᖅᐸᓪᓕᐊᕕᖓᑎᒍᑦ, ᓄᓇᕗᑦ ᒐᕙᒪᖓᑦ (GN) ᖃᕆᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᖏᑎᒍᑦ, ᐊᕕᒃᑐᖅᓯᒪᓂᕐᓂ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᑎᒍᑦ

	ᐱᓕᕆᐊᒃ-ᓴᐅᔪᖅ	ᒐᕙᒪᒃᑯᑦ ᓄᓇᓄᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖓᑦ	ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨ
		(RIA) ᐊᒻᒪ ᐊᓯᖏᑎᒍᑦ.	(RIA) ᐊᒻᒪ ᐊᓯᖏᑎᒍᑦ.
2	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᖃᐅᔨᒋᐊᒃᕕᒃᓴᖃᓕᕐᓂᖏᑦ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᐱᔾᔪᑎᕐᑲᖅᑐᓂᒃ.	ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᐅᔪᖅ ᖃᐅᔨᒋᐊᕐᕕᖃᕐᓂᖓ GN-DOE-ᑯᓐᓂᒃ (ᐅᕝᕙᓘᓐᓃᑦ RIA-ᓂᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᑦ ᐱᔾᔪᑎᒋᓗᒋᑦ).
3	ᐸᕐᓇᐅᑎ-ᓕᐅᕐᓂᖅ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᐱᑕᖃᖅᑎᕐᓯᔨᐅᓂᖏᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓚᐅᓯᖃᕐᓗᑎᒃ ᐊᐅᓚᕐᓯᓂᖃᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕐᓗᒋᑦ ᓂᕆᐅᖕᓂᖃᕐᕕᐅᔪᓂᒃ/ᐱᓕᕆᐊᖑᔭᕆᐊᓕᖕᓂᒃ.	ᐅᖃᓪᓚᐅᓯᖃᕐᓗᓂ ᐊᐅᓚᕐᓯᓂᖃᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᖅᓯᒪᓕᕐᓗᒋᑦ ᓂᕆᐅᖕᓂᖃᕐᕕᐅᔪᓂᒃ/ᐱᓕᕆᐊᖑᔭᕆᐊᓕᖕᓂᒃ.
4	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᐅᖃᓪᓚᐅᓯᖃᕐᓗᑎᒃ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᖃᕐᓗᑎᒃ ᓇᓂ ᑐᕋᖓᔪᑦ ᓄᓇᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᖃᐅᔨᒋᐊᕐᕕᐅᓂᐊᕐᓂᖏᑕ ᐊᒻᒪᓗ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᖃᖓᐅᓕᖅᐸᑦ ᐊᐅᓚᕐᓯᓂᖃᓕᕈᒪᐸᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᒥᖕᓄᑦ.	ᐅᖃᓪᓚᐅᓯᖃᕐᓗᓂ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑎᖃᕐᓗᑎᒃ ᓇᓂ ᑐᕋᖓᔪᑦ ᓄᓇᑦ ᓇᔪᖅᑕᐅᕙᒃᑐᑦ ᖃᐅᔨᒋᐊᕐᕕᐅᓂᐊᕐᓂᖏᑕ ᐊᒻᒪᓗ ᐅᑭᐅᖅ ᐊᑐᖅᐸᓪᓕᐊᓂᖓᓂ ᖃᖓᐅᓕᖅᐸᑦ ᐊᐅᓚᕐᓯᓂᖃᓕᕈᒪᐸᓗᑎᒃ ᐃᓱᒪᓕᐅᕈᑎᒋᓯᒪᔭᒥᖕᓄᑦ.
5	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᓇᐃᒻᒋᐊᖅᑕᐅᓯᒪᔪᑦ ᓂᕆᐅᖕᓂᖃᕐᕕᐅᔪᓄᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᑐᒃᑐᑦ ᐊᒥᓱᕈᖅᓯᒪᕙᖕᓂᖏᓐᓄᑦ ᐊᒻᒪᓗ ᓇᔪᖅᑕᐅᕙᒃᑐᓄᑦ ᐱᔾᔪᑎᒋᔭᐅᔪᑦ ᐅᖃᐅᓯᐅᓯᒪᑉᓗᑎᒃ ᐊᐅᓚᕐᓯᓂᖃᕐᓂᕐᒥ ᑐᑭᒧᐊᒍᑎᒃᓴᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂ.	ᕿᒥᕐᕈᐃᓂᖅ ᑐᒃᑐᓄᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᐊᒻᒪᓗ ᑭᐅᔾᔪᑎᖃᕐᓗᓂ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓄᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒪᑉᓗᑎᒃ ᐊᐅᓚᕐᓯᓂᐅᔪᓂ.
6	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᐊᖏᑎᒋᓇᔭᕐᓂᖓ ᖃᐅᔨᒃᑲᐅᑎᒋᔾᔪᑎᑦ ᐊᕙᑎᒋᔭᖓᑕ ᐊᒻᒪᓗ ᐊᒃᑐᒐᐅᓯᒪᓕᖅᐸᖕᓂᖏᑕ ᑐᒃᑐᑦ ᖁᑦᑎᖕᓂᕆᔭᖏᑦ ᐅᖃᓪᓚᐅᓯᐅᑉᓗᑎᒃ ᐊᒻᒪᓗ ᑐᑭᓯᐅᒪᔭᐅᓕᕐᓂᖏᑦ.	ᐊᖏᑎᒋᓇᔭᕐᓂᖓ ᖃᐅᔨᒃᑲᐅᑎᒋᔾᔪᑎᑦ ᐊᕙᑎᒋᔭᖓᑕ ᐊᒻᒪᓗ ᐊᒃᑐᒐᐅᓯᒪᓕᖅᐸᖕᓂᖏᑕ ᑐᒃᑐᑦ ᖁᑦᑎᖕᓂᕆᔭᖏᑦ ᐅᖃᓪᓚᐅᓯᐅᑉᓗᑎᒃ ᐊᒻᒪᓗ ᑐᑭᓯᐅᒪᔭᐅᓕᕐᓂᖏᑦ.
7	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᕿᒥᕐᕈᐃᓂᖅ ᐊᒻᒪᓗ ᐊᖏᕈᑎᒋᔭᐅᓂᖏᑦ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓄᑦ ᖃᓕᓈᓕᖅᓯᒪᑉᓗᑎᒃ ᐊᒃᑐᒐᐅᓯᒪᓂᐅᔪᓂᒃ ᒥᑭᒡᓕᒋᐊᖅᑎᕐᓯᓯᒪᓂᐅᔪᑦ.	ᐱᑕᖃᖅᑎᕐᓯᓂᖅ ᖃᓕᓈᓕᖅᓯᒪᑉᓗᑎᒃ ᐊᒃᑐᒐᐅᓯᒪᓕᕈᖕᓇᖅᑐᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᓂᒃ ᐅᔭᕋᒃᑕᓇᐊᕐᓂ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᑦᑐᓂᒃ ᐱᓕᕆᓂᐅᔪᓄᑦ.
8	ᐸᕐᓇᐅᑎᓕ-ᐅᕐᓂᖅ	ᐱᓕᕆᐊᓂᒃ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒧᑦ ᖃᐅᔨᒋᐊᕐᕕᐅᔪᖕᓇᖅᑐᓂᑦ ᑐᓴᒐᒃᓴᐅᔪᓂᒃ ᐱᓯᒪᓕᖅᑎᕐᓯᓯᒪᓕᕆᐊᕐᓂᖅ ᐊᒥᖅᑲᕈᑎᒋᔭᐅᓂᐊᖅᑐᓂᒃ.	ᐱᑕᖃᖅᑎᕐᓯᓂᖅ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᒧᑦ ᖃᐅᔨᒋᐊᕐᕕᒃᓴᒥᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ GN-DOE-ᑯᓐᓄᑦ/RIA-ᖑᔪᓄᑦ ᑐᓴᒐᒃᓴᕐᑯᑎᓂᒃ ᐊᒥᖅᑲᕈᑎᐅᓂᐊᖅᑐᓂᒃ (ᓱᕐᓗ, ᖃᕆᑕᐅᔭᑎᒍᑦ ᐊᐅᓪᓚᖅᑎᕐᓯᓂᕐᒥᒃ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᓕᐅᓯᒪᔪᑦ ᓇᓃᓐᓂᖏᓐᓄᑦ
9	ᐊᐅᓚᕐᓯᓂ-ᖃᕐᕕᐅᔪᑦ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᐱᑕᖃᖅᑎᕐᓯᓂᖏᑦ ᑭᖑᕙᖅᑎᑕᐅᓯᒪᙱᑦᑐᓂᒃ ᖃᕆᑕᐅᔭᑎᒍᑦ ᓄᓇᙱᐊᓕᐊᖑᓯᒪᔪᓂᒃ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᓕᐅᓯᒪᔪᑦ ᓇᓃᓐᓂᖏᑕ ᑐᕋᖓᑉᓗᑎᒃ ᖃᐅᔨᒃᑲᐅᑎᒋᔾᔪᑎᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓄᑦ, ᐊᒃᑐᐃᓯᒪᓂᖃᕐᕕᐅᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᑦ ᐊᒻᒪ ᐱᓕᕆᐊᖃᕐᕕᐅᔪᑦ	ᐱᓯᒪᓕᕐᓗᒋᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ ᐊᐅᓪᓚᖅᑎᑕᐅᓯᒪᔪᑦ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᓕᐅᓯᒪᔪᑦ ᓇᓃᓐᓂᖏᓐᓄᑦ ᑐᕋᖓᑎᓪᓗᒋᑦ ᖃᐅᔨᒃᑲᐅᑎᒋᔾᔪᑎᒃᓴᐅᑉᓗᓂ ᐊᕙᑎᒋᔭᖓᓄᑦ, ᐊᒃᑐᐃᓯᒪᓂᖃᕐᕕᐅᔪᑦ ᐊᕙᑎᒋᔭᖓᓄᑦ ᐊᒻᒪᓗ ᐱᓕᕆᐊᖃᕐᕕᐅᔪᑉ

	ᐱᓕᕆᐊᒃ-ᓴᐅᔪᖅ	ᒐᕙᒪᒃᑯᑦ ᓄᓇᓄᑦ ᐃᖅᑲᓇᐃᔭᕐᕕᖓᑦ	ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨ
		ᓇᓃᓐᓂᖏᓐᓄᑦ.	ᓇᓃᓐᓂᖓᓄᑦ.
10	ᐊᐅᓚᑦᓯᓂ-ᖃᕐᕕᐅᔪᑦ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᐊᑐᐃᓐᓇᐅᓂᖏᑦ ᑭᐅᔨᐅᓂᐊᕐᓂᕐᒧᑦ ᖃᓄᑐᐃᓐᓇᖅ ᐊᐱᖅᑯᓯᒃᓴᕆᔭᐅᔪᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐃᓱᒪᓗᒍᑎᖃᕐᕕᐅᔪᓄᑦ ᐊᐅᓚᑦᓯᓂᖃᖅᑎᓪᓗᒋᑦ.	ᓇᐅᑦᓯᖅᑐᐃᔨᐅᓗᓂ ᑐᒃᑐᑦ ᓈᓚᐅᑎᓕᖅᑐᒐᐅᓯᒪᔪᑦ ᓇᓃᓐᓂᖏᓂᒃ ᖃᐅᔨᒃᑲᐅᑎᒋᔪᑎᒃᓴᐅᑉᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓂ, ᖃᖓᑕᓲᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᓗᓂ ᑕᐃᒪᓐᓇ ᐱᓕᕆᓂᖃᕈᒪᒍᓂ.
11	ᐊᐅᓚᑦᓯᓂ-ᖃᕐᕕᐅᔪᑦ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᓂᕆᐅᖕᓂᖃᕐᒪᑕ ᐱᓕᕆᔨᐅᔪᖅ ᐊᑐᓕᖅᑎᑦᓯᓂᐊᕐᓂᖓᑕ ᑐᒃᑐᑦ ᐊᒃᑐᒐᐅᓯᒪᓕᕐᓂᖏᓂᒃ ᒥᑭᒡᓕᒋᐊᕈᑎᒃᓴᓂᒃ, ᐊᒻᒪᓗ ᐊᑐᐃᓐᓇᐅᓂᖓᑕ ᑭᐅᔾᔪᑎᖃᕈᖕᓇᕐᓗᓂ ᖃᓄᑐᐃᓐᓇᖅ ᐊᐱᖅᑯᑎᒃᓴᐅᔪᓂᒃ ᐊᒻᒪᓗ ᐃᓱᒪᓗᒍᑎᖃᕐᕕᐅᔪᓂᒃ ᐊᐅᓚᑦᓯᓂᖃᖅᑎᓪᓗᒋᑦ.	ᑐᒃᑐᓄᑦ ᑭᒡᓕᖃᕐᕕᒋᔭᐅᔪᑦ ᐅᖓᑖᓄᐊᖅᓯᒪᓕᕐᓂᖅᐸᑕ, ᓄᓇᑦ ᐊᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᐱᓕᕆᔨ ᐊᑐᓕᖅᑎᑦᓯᓂᐊᕐᑐᖅ ᐊᒃᑐᒐᐅᓯᒪᓂᖏᓂᒃ ᒥᑭᒡᓕᒋᐊᕈᑎᒃᓴᓂᒃ, ᓇᐅᑦᓯᖅᑐᐃᓗᓂ ᐊᒃᑐᐃᓯᒪᓂᖃᕐᕕᐅᔪᑦ ᐊᕙᑎᒋᔭᖓᑕ ᐃᓗᐊᓂ ᐱᓕᕆᐊᖑᔭᕆᐊᖃᕐᓂᐊᖅᑐᓄᑦ.
12	ᐊᐅᓚᑦᓯᓂ-ᖃᕐᕕᐅᔪᑦ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᐊᑐᐃᓐᓇᐅᓂᖏᑦ ᑭᐅᔨᐅᓂᐊᕐᓂᕐᒧᑦ ᖃᓄᑐᐃᓐᓇᖅ ᐊᐱᖅᑯᑎᒃᓴᐅᔪᓄᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓗᒍᑎᖃᕐᕕᐅᔪᓄᑦ ᐊᐅᓚᑦᓯᓂᖃᖅᑎᓪᓗᒋᑦ.	ᑲᔪᓯᑎᑕᐅᓂᖏᑦ ᓇᐅᑦᓯᖅᑐᐃᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐊᒃᑐᒐᐅᓯᒪᓂᖏᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓂᖏᑦ ᑎᑭᓪᓗᒍ ᑐᒃᑐᑦ ᓈᓯᒪᓕᕐᕕᒃᓴᖏᑦ ᖃᐅᔨᒃᑲᐅᑎᒋᔭᔪᑎᒃᓴᑦ ᐊᕙᑎᒋᔭᖓᓂᑦ.
13	ᑎᑎᕋᖅᓯᒪᔪ-ᓕᐅᖅᐸᖕᓂᖅ	GN-DOE-ᑯᑦ/RIA-ᖑᔪᑦ ᐱᑕᖃᖅᑎᑦᓯᔨᐅᕙ-ᓗᑎᒃ ᐅᑭᐅᑕᒫᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᖑᕙᒃᑐᓂᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᑐᕌᖓᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖑᔪᓄᑦ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓄᑦ ᐊᕙᑎᒋᔭᐅᔪᓂ.	ᓄᓇᓂᒃ ᐊᑐᕐᓗᓂ ᐱᓕᕆᓂᖃᕐᑎ ᐱᑕᖃᖅᑎᑦᓯᔨᐅᓗᓂ ᐅᑭᐅᑕᒫᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᖑᕙᒃᑐᓂᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᑐᕌᖓᐸᓗᑎᒃ ᐱᓕᕆᐊᖑᔪᓄᑦ.
14	ᖃᒥᕐᕈᔭᐅᓂ-ᖏᑦ	ᖃᐅᔨᒋᐊᕐᓂᖅ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᕐᓂᖃᕐᓂᖏᓐᓄᑦ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑕᐅᓂᖏᑦ ᐊᑭᒋᔭᐅᕙᒃᑐᑦ, ᐃᖅᑲᓇᐃᔭᖅᑎᖃᓇᐊᖃᖃᑦᑕᕐᓃᑦ ᐊᒻᒪᓗ ᑎᑭᑕᐅᓯᒪᓕᓚᐅᖅᑐᓄᑦ ᖃᓄᐃᓕᖓᓕᕐᑯᔭᐅᓂᖏᓐᓄᑦ.	ᖃᐅᔨᒋᐊᕐᓂ ᐊᑐᕐᓂᖃᕐᓂᖏᓐᓂᒃ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐃᓚᖃᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᐊᖑᓯᒪᓕᓚᐅᖅᑐᓂᒃ, ᐊᑭᒋᔭᐅᔪᓄᑦ, ᐃᖅᑲᓇᐃᔭᖅᑎᖃᓇᐊᖃᖃᑦᑕᕐᓂᕐᓄᑦ ᐊᒻᒪᓗ ᖃᓄᐃᓕᖓᓕᕐᓂᖏᑕ ᐊᐅᓚᑦᓯᓂᖃᕐᕕᐅᔪᓄᑦ.

ᐃᓱᒫᓗᒍᑎᖃᕐᕕᐅᓂᖏᑦ ᐊᑐᓕᖅᑎᑕᐅᓯᒪᓂᖏᑕ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ

ᐃᑲᔪᕐᓂᖃᕐᒪᑕ ᐊᑐᓕᖅᑎᑕᐅᓂᒃᓴᖏᓐᓄᑦ ᐊᓯᑦᔨᓇᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᓄᓇᕗᒻᒥ, ᐃᓚᖃᖅᑎᓪᓗᒋᑦ:

ᐃ) ᐃᓱᒪᖅᓱᕈᖕᓇᑦᓯᐊᕐᓂᖅ (ᐅᕝᕙᓗ ᐊᓯᑦᔨᒋᐊᕈᖕᓇᕐᓂᖅ (ᓱᕐᓗ, ᑐᒃᑐᓂᒃ ᒪᓕᒃᐸᓪᓕᐊᓂᕐᒥ) ᐊᒻᒪᓗ ᓇᓗᓇᖅᐸᙱᓐᓂᐅᔪᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖏᓐᓄᑦ ᐱᓕᕆᔨᓄᑦ;

ᐅ) ᒥᐊᓂᖅᓯᓂᖃᖅᑎᑦᓯᔪᖕᓇᕐᓂᖅ ᑐᒃᑐᓂᒃ ᐅᑭᐅᓕᒫᖅ ᓄᓇ ᑐᒃᑐᑦ ᓇᔪᖅᐸᒃᑕᖏᓐᓂᒃ ᑭᒡᓕᒋᔭᐅᓂᖏᑦ ᐋᖅᑭᒋᐊᖅᑕᐅᓯᒪᑎᓪᓗᒋᑦ ᑐᒃᑐᑦ ᐅᑭᐅᑉ ᐃᓚᖓᓂ ᐊᒃᑐᖅᑕᐅᓴᕋᐃᓕᓯᒪᕙᖕᓂᖏᓐᓄᑦ; ᐊᒻᒪᓗ

ᐊ) ᐊᖏᓂᖅᓴᐅᔪᒥᒃ ᓇᓕᖅᑲᓈᓕᖅᑎᑕᐅᓯᒪᓂᖏᑦ ᑐᒃᑐᑦ ᒥᐊᓂᕆᔭᐅᓂᖏᑕ (ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓗᓂ ᐸᕝᕕᓵᖅᑕᐅᓕᖅᐸᖕᓂᖏᓂᒃ) ᐊᒻᒪᓗ ᑮᓇᐅᔭᓕᐅᕐᓂᕐᓂᑦ ᐃᑲᔫᓯᐊᖅᑖᖃᑦᑕᕈᖕᓇᕐᓂᐅᔪᑦ ᓴᓇᕝᕕᐅᔪᓂᑦ, ᐱᒻᒪᕆᐅᓗᐊᖅᑎᑕᐅᔪᓄᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᓐᓄᑦ.

ᑭᓯᐊᓂᓗ, ᐋᑦᑭᓐᓴᓐ (2016) ᓇᓗᓇᐃᔭᐃᓯᒪᓕᓚᐅᕐᒪᑦ ᓈᒻᒪᙱᔾᔪᑎᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓂ ᐊᒻᒪ ᓇᐃᒡᓕᒋᐊᖅᑕᐅᓯᒪᐸᓗᑎᒃ ᐅᖃᐅᓯᐅᓯᒪᓚᐅᕐᓗᑎᒃ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐊᓯᖕᒋᑎᒍᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᔪᖕᓇᖅᑐᑦ ᐊᒻᒪᓗ ᐃᓱᒪᓕᐅᕈᑏᑦ ᐊᑐᓕᖅᑎᑕᐅᕐᑯᔭᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᔪᓂ[43]. ᑕᐃᒪᙱᓂᑦ 2016-ᒥᑦ, ᐊᖏᔪᒥᒃ ᓯᕗᒻᒧᑎᐊᖅᑎᑕᐅᓯᒪᓕᖅᐳᑦ ᑐᙵᕝᕕᒋᔭᐅᓂᐊᖅᑐᑦ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑎᑕᐅᓂᒃᓴᖏᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᓄᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᑉᓗᓂ ᑐᑭᓯᓂᕐᓗᒍᑎᐅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᐱᑐᖃᐅᑉᓗᑎᒃ ᑐᓴᒐᒃᓴᕐᑯᑎᓄᑦ ᐱᑦᔪᑎᕐᑲᖅᑐᓂᒃ. ᖃᐅᔨᖃᑦᑕᖅᓯᒪᒐᑉᑎᒍ ᑲᑐᔾᔨᖃᑎᑏᖕᓂᖕᒋᑦ ᓄᓇᓂᒃ ᐊᐅᓚᑦᓯᔨᐅᔪᑦ ᐊᒻᒪᓗ ᐊᑐᖅᐸᒃᑐᑦ ᐊᒻᒪᓗ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑎᑦ ᐊᑐᓕᖅᑎᑕᐅᔪᖕᓇᕐᓂᐊᕐᒪᑕ ᐊᑐᕐᓂᖃᖅᑐᑎᒍᑦ ᒥᑭᒡᓕᒋᐊᖅᑎᑦᓯᔾᔪᑎᐅᓗᑎᒃ ᐊᒻᒪᓗ ᖃᓄᑐᐃᓐᓇᖅ ᐃᓕᖓᐃᑎᑦᓯᑦᑕᐃᓕᓂᐅᔪᒃᓴᑦ ᑐᒃᑐᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᖅᐸᖕᓂᐅᔪᓂᑦ.

ᑭᖑᓂᖕᒋᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᑏᖕᒋᑦ ᐃᓱᒪᓕᐅᖅᐳᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᖃᐅᔨᓴᖅᑕᐅᒃᑲᓐᓂᕐᑯᐸᓗᒋᑦ ᐊᒻᒪᓗ ᐊᑐᖅᑎᑕᐅᓗᑎᒃ ᓄᓇᕗᒻᒥ ᐱᕈᖅᑎᑦᓯᒋᐊᕈᑎᐅᓂᐊᕐᓗᑎᒃ ᐊᑐᖅᑕᐅᓯᒪᓂᖕᒋᓐᓄᑦ ᐊᒻᒪᓗ ᖁᓚᕆᔭᐅᙱᓂᖕᒋᑕ ᐊᑐᕐᓂᖃᖅᑐᑎᒍᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᓐᓂᖕᒋᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐅᕐᓂᕐᒥ ᓴᓇᕐᕈᑎᐅᓂᐊᕐᓗᑎᒃ. ᖃᐅᔨᓴᖅᑕᐅᓂᖕᒋᑦ ᑲᑐᔾᔭᐅᓯᒪᓗᓂ ᐱᓕᕆᐊᖑᔭᕆᐊᖃᕐᑐᖅ, ᑐᙵᕝᕕᒋᓗᒋᑦ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖕᒋᑦ (IQ) ᐊᒻᒪᓗ ᐱᕈᖅᑎᓯᒪᓕᕈᑎᒋᓗᒋᑦ ᓄᓇᕐᓯᐊᕐᒥ ᒐᕙᒪᖕᒐᑕ (GNWT) (2022) ᐱᓕᕆᔾᔪᓯᕆᔭᖕᒋᑦ ᒪᓕᒃᓗᒋᑦ. ᐊᑐᓕᖅᑎᑕᐅᕙᓪᓕᐊᓕᖅᐳᑦ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᓄᓇᕐᓯᐊᕐᒥ (NWT) ᐊᑐᖅᑕᐅᔪᖕᓇᕐᓗᑎᒃ ᑐᑭᒧᐊᒍᑎᒃᓴᕆᔭᐅᓂᐊᕐᓗᑎᒃ ᐊᑐᓕᖅᑎᕐᓯᓂᕐᒥ ᐊᓯᑦᔨᕆᐊᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᓄᓇᕗᒻᒥ ᒥᑭᒡᓕᒋᐊᖅᑎᑕᐅᓯᒪᓕᕐᑯᐸᓗᒋᑦ ᐃᓕᖓᐃᓯᒪᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓕᖓᖅᓯᒪᓕᖅᑎᑕᐅᕐᑯᓇᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᑦ ᕿᓂᕐᓂᐅᔪᓂᑦ ᑐᒃᑐᑦ ᐅᒃᑯᐊᖅᑕᐅᑎᕐᓯᑦᑕᐃᓕᓗᑎᒃᓗ ᑮᓇᐅᔭᓕᐅᕐᓂᕐᓂᑦ ᐃᑲᔫᓯᐊᖅᑖᖑᕙᓇᖅᑐᓂᑦ ᓴᓇᕝᕕᐅᔪᑦ ᐱᕙᓪᓕᐊᑎᕐᓯᓂᖕᒋᓐᓂᑦ.

ᐅᖃᓕᒫᒐᓂᑦ ᐅᖃᖅᑕᐅᖃᑦᑕᓚᐅᖅᑐᑦ

ᐋᑦᑭᓐᓴᓐ, ᐃᔅ. 2016. ᐊᓯᑦᔨᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᒥᐊᓂᖅᓯᔾᔪᑏᑦ ᑐᒃᑐᓂᒃ ᓄᓇᕗᒻᒥ: ᐊᔪᕐᓇᖅᑑᕙᓐᓂᖕᒋᑦ, ᐊᑭᒋᔭᐅᕙᒃᑐᑦ ᐊᒻᒪᓗ ᐊᑐᕐᓂᖃᕐᓂᖕᒋᑦ. ᐋᖅᑭᒃᓯᐊᖑᓯᒪᔪᑦ ᐱᑦᔪᑎᒋᐸᓗᒋᑦ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ, ᓄᓇᕗᑦ ᒐᕙᒪᖕᒐᓂ. ᓯᑦᑎᐱᕆ 2016 (ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᔪᑦ – ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 3).

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ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᓂᖕᒋᑦ

ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ

ᐱᔾᔪᔾᔭᐅᓪᓗᑎᑦ

ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ

ᒫᑦᓯ 31, 2022

ᐋᓚᓐ ᓯᒃᑕᓐ, (ᖃᐅᔨᒪᔨᒻᒪᕆᒃ ᓄᓇᓐᖑᐊᓂ) P. Geo.
ᑕᐃᕋ ᓴᒍᕆᑉ, (ᖃᐅᔨᒪᔨᒻᒪᕆᒃ ᓄᓇᓐᖑᐊᓂ) P. Geo
ᑕᓐᑲᓐ ᓴᑕᑦ, (ᖃᐅᔨᒪᔨᒻᒪᕆᒃ ᓄᓇᓐᖑᐊᓂ) P. Geo
ᓵ ᑳᒻᐳᑦ, (ᖃᐅᔨᒪᔨᒻᒪᕆᒃ ᓄᓇᓐᖑᐊᓂ) P. Geo

ᐃᓗᓕᖏᑦ

ᒪᒃᐱᒐᖅ

ᐊᐅᓚᑦᑎᔨᑦ ᐅᖃᐅᓯᒃᓴᖏᑦ ᓇᐃᒡᓕᒋᐊᖅᓯᒪᔪᑦ..... ... .47

1.0 ᓯᕗᓕᖓ..... 50

2.0 ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᔪᓐᓇᖅᑐᑦ.... 50

2.1 *ᑲᓐᓄᕐᑲᓂᒃ ᐅᔭᕋᒃᓯᐅᕐᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᑦ*.....51

2.2 *ᓴᕕᒃᓴᕐᓂᒃ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᑦ* 51

2.3 *ᓯᑎᓂᖅᐸᑦ ᐅᔭᕋᒃᓯᐅᕐᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᑦ*.....52

3.0 ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᖃᐅᔨᔭᐅᓯᒪᓕᕐᓂᖏᑦ.....52

4.0 ᐃᓱᓕᔾᔪᑎᖏᑦ..... 52

5.0 ᐃᓱᒪᓕᐅᕈᑎᑦ ᐊᑐᓕᕐᑯᔭᐅᑉᓗᑎᒃ.....53

6.0 ᓇᑭᑦ ᖃᐅᔨᒋᐊᕐᕕᒃᓴᕐᑯᑎᑖᖅᓯᒪᓂᖏᑦ.....53

7.0 ᖃᐅᔨᒋᐊᕐᕕᐅᓯᒪᔪᑦ 53

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᑭᖑᓪᓕᑦ ᐅᕐᑯᒪᐃᓐᓂᕆᔭᐅᔪᑦ ᓇᐃᓪᓕᒋᐊᖅᑎᑕᐅᓯᒪᔪᑦ.....54

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 2 ᓇᐃᓴᐅᑎᑦ/ᑎᑎᖅᑲᓂ ᐃᓕᖅᑯᓯᕆᔭᐅᔪᑦ ᐅᕐᑭᓐᖏᓐᓂᕆᔭᐅᔪᓪᓗ.....55

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 3 ᑭᕙᓪᓕᕐᒥ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᑎᒃᑯᐊᖅᑕᐅᓯᒪᔪᑦ.....56

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 4 ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓄᑦ ᓇᐃᓴᐅᑎᑦ/ᑎᑎᖅᑲᑦ.....57

..

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 5 ᐊᓯᖏᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐱᕝᕕᐅᓯᒪᔪᑦ.....58

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1 ᑭᕙᓪᓕᕐᒥ ᑲᓐᓄᕐᑲᖅᑕᕐᑲᕐᓂᕐᓂ ᓴᕕᕋᔭᒃᓴᓂᒡᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ.....59

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 2 ᑭᕙᓪᓕᕐᒥ ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᓂᒃ ᐊᒻᒪ REE-ᓂᒃ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ.....60

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3 ᑭᕙᓪᓕᕐᒥ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᑎᒃᑯᐊᖅᑕᐅᓯᒪᔪᑦ.....61

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4 ᑭᕙᓪᓕᕐᒥ ᑐᒃᑐᑦ ᓄᓇᑦ ᓇᔪᖅᐸᒃᑕᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏᑦ.....62

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5 ᑭᕙᓪᓕᕐᒥ ᑐᒃᑐᑦ ᓄᓇᑦ ᓇᔪᖅᐸᒃᑕᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏ ᐊᒻᒪ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᑦ.....63

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 6 ᑭᕙᓪᓕᕐᒥ ᑐᒃᑐᑦ ᓄᓇᑦ ᓇᔪᖅᐸᒃᑕᖏᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏ ᐊᒻᒪ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᑦ ᑐᕌᕐᕕᒋᔭᐅᓯᒪᓂᖏᑦ.....64

ᐊᐅᓚᑦᑎᔨᓄᑦ ᐱᓕᕆᔨᐅᑉ ᓇᐃᒡᓕᒋᐊᕐᓯᒪᔭᖕᒋᑦ

(ᐅᔭᕋᖕᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᒪᑕᐅᔪᑦ) GeoVector Management Inc.-ᑯᑦ (ᔨᐅᕕᒃᑐᕐ) ᐋᖅᑭᒃᓱᐃᓯᒪᓕᕐᒪᑕ ᓄᑖᙵᖅᑎᑕᐅᓯᒪᔪᓂᑦ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᕝᕕᐅᔪᓐᓇᕋᔭᕐᓂᖓᓄᑦ ᑭᕙᓪᓕᕐᒥ-ᒫᓂᑑᐸᒥ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᒐᐅᓯᒪᔪᒧᑦ ᐅᖃᐅᓯᐅᓯᒪᔪᓂ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP). ᑕᒪᓐᓇ ᑭᕙᓪᓕᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᓐᓄᑦ ᑎᓕᓯᔾᔪᑕᐅᒐᒥ ᕿᒥᕐᕈᔭᐅᓕᓚᐅᖅᐳᖅ. ᑕᒪᓐᓇ ᕿᒥᕐᕈᔭᐅᓚᐅᖅᐳᖅ 50-ᑭᓛᒥᑦᑕᑦ ᐊᒻᒪ 100-ᑭᓛᒥᑦᑕᑦ ᑭᒡᓕᖕᒋᑕ ᐊᕙᑎᖕᒋᓐᓂ ᐱᒋᐊᖅᑎᑕᐅᕝᕕᐅᓇᓱᒃᑐᒥ ᓴᓇᕝᕕᐅᓇᔭᖅᑐᑉ ᐃᓗᐊᓂ. ᑕᒪᓐᓴ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᕝᕕᐅᔪᓐᓇᕋᔭᕐᓂᖓᓄᑦ ᕿᒥᕐᕈᔭᐅᓕᖅᑎᓪᓗᒍ ᓇᓗᓇᐃᕐᓯᓚᐅᖅᐳᑦ ᑕᓪᓕᒪᓂ (5) LG,ᓂ, ᐊᑕᐅᓯᕐᒥ (1) VMS-ᓂ, ᐊᒻᒪᓗ ᒪᕿᖕᓂ (2) ᑕᐃᒪᓐᓂᑦ ᐅᔭᕋᒃᑕᒐᒃᓴᕐᓯᐊᕐᕕᐅᓪᓗᓂ ᑕᒪᒃᑯᓇ 50-ᑭᓛᒥᑦᑕᑦ ᐊᒻᒪ 100-ᑭᓛᒥᑦᑕᑦ ᐊᑯᓐᓂᖏᑕ ᐃᓗᐊᓃᑦᑐᓂ ᐱᒋᐊᖅᑎᑕᐅᕝᕕᐅᓇᓱᐊᖅᑐᓂᑦ ᐅᔭᕋᒃᑕᕐᕕᓕᐊᕐᕕᐅᓇᔭᖅᑐᒥ.

ᑕᒪᑐᒥᖓ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᖕᓇᑦᑐᓂ ᖃᐅᔨᒋᐊᕐᓂᖃᖅᑎᓪᓗᒋᑦ ᐊᑐᓚᐅᕐᒪᑕ ᓄᓇᙵᐊᕐᓂ ᑐᓴᒐᒃᓴᕐᑯᑎᓕᕆᔾᔪᑎᓂᒃ (GIS) ᐊᑐᕈᑕᐅᓚᐅᖅᐳᖅ ᖃᕆᑕᐅᔭᑎᒍᑦ ᕿᒥᕐᕈᐃᓂᖃᐅᕐᓗᑎᒡᓗ ᒪᑯᓂᖓ ᐊᑐᕆᑉᓗᑎᒃ:

1. ᐱᖅᑯᓯᑐᖃᖅᑎᒍᑦ ᓄᓇᐅᑉ ᐋᖅᑭᐅᒪᓂᖓᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ, ᐊᒻᒪᓗ
2. ᐅᔭᕋᖕᓂᐊᒐᒃᓴᖃᕐᓂᖏᓐᓄᑦ ᖃᐅᔨᒪᔭᐅᔪᓂᑦ ᑲᑎᕐᓱᐃᓪᓗᑎᑦ ᓇᓗᓇᐃᕐᓯᔾᔪᑎᒃᓴᓂ ᓇᓪᓕᐊᑦ ᐅᔭᕋᖕᓂᐊᒐᒃᓴᑦ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᑦᑎᐊᕐᓂᕐᓴᐅᓇᔭᕐᓂᖏᓐᓄᑦᓗ

ᓄᓇᙵᐊᕐᓂ ᑐᓴᒐᒃᓴᕐᑯᑎᓕᕆᔾᔪᑎᓂᒃ ᐊᑐᕐᓗᓂ (GIS) ᓄᓇᙵᐊᕐᓂ ᐱᔾᔪᑎᓕᖕᓂ ᖃᐅᔨᔭᐅᓯᒪᐅᖅᑐᓂ ᑲᑎᑎᕆᔾᔪᑕᐅᔪᓐᓇᖅᐳᖅ ᐊᔾᔨᒌᓐᖏᑦᑐᓂᒡᓗ ᓄᓇᙵᐊᕐᓂ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᑲᑎᕐᓱᖅᑕᐅᓯᒪᐅᖅᑐᓂ ᑲᑎᕝᕙᒋᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᐅᔪᓐᓇᖅᑐᑦ ᓴᖅᑭᑎᑦᑐᓐᓇᖅᐳᑦ, ᓇᓗᓇᐃᕐᓯᔾᔪᑕᐅᓇᔭᖅᑐᓂ ᖃᐅᔨᓴᔭᐅᕋᓂᒃᑐᓂ, ᑭᓯᐊᓂ ᐱᒻᒪᕆᐅᓂᕐᓴᖅ ᓇᓗᓇᐃᕐᓯᔾᔪᑕᐅᓇᔭᖅᐳᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᑦ ᐊᓯᖏᓐᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᕐᒥᔪᓂ. ᑕᐃᒪᓐᓇ ᓄᑖᕐᓂ ᐅᔭᕋᖕᓂᐊᖅᑕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᖃᐅᔨᓯᑲᓪᓚᒍᓐᓇᖅᐸᒃᐳᑦ. ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂ ᐊᑐᕐᓗᑎᑦ ᓄᑖᕐᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᖃᐅᔨᓴᕈᓐᓇᖅᐸᖕᒪᑕ. ᑕᐃᒪᐃᓕᐅᕐᓗᑎᑦ ᓄᑖᕐᓂ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᐅᔭᕋᒃᑕᐃᕝᕕᒃᓴᕐᓯᐅᕈᓐᓇᖅᐸᒃᐳᑦ. ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᑕᖃᕆᐊᒃᓴᖓᓂ ᖃᐅᔨᓇᓱᐊᕈᑕᐅᕙᒃᑐᑦ ᒫᓐᓇᐅᔪᖅ ᑭᖑᓂᐊᓂᓗ ᑕᒪᐃᓐᓂᑦᑎᐊᖅ (100%) ᑲᓐᓄᖅᑲᓂᑦ ᓴᕕᕋᔭᒃᓴᕐᓂᒡᓗ ᑭᕙᓪᓕᕐᒥ ᓇᓂᔭᐅᓯᒪᓕᖅᑐᓂ. ᖃᐅᔨᒪᓪᓗᒋᑦ ᓱᓕᔪᓂᑦ ᓴᖅᑭᑦᑎᔾᔪᑕᐅᕙᖕᓂᖏᓐᓄᑦ, ᖃᐅᔨᓇᓱᐊᕈᑕᐅᓚᐅᕆᕗᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐅᔭᕋᖕᓂᐊᒐᒃᓴᐅᓇᔭᖅᑐᑦ ᒥᑭᑎᒋᓂᖏᓐᓂᒃ ᐊᖏᑎᒋᓂᖏᓐᓂᒡᓗ.

ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓ ᐊᖏᓂᖅᓴᐅᖓᑦ ᓄᓇ ᑲᖏᕐᓱᓂᐅᑉ-ᐊᕼᐃᐊᕐᒥᐅᓂ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᐅᕗᖅ (REGB) 700 ᑭᓚᒦᑕᓂ ᑕᑭᓂᖃᕐᓗᓂ ᓴᖅᑮᑦᓯᕙᐅᑉ ᐅᐊᖕᓇᖓᓂ ᑕᐅᕗᖓ ᕼᐊᑦᓴᓐ ᐸᐃ ᐱᖓᖕᓇᖓᑕ ᓯᒡᔭᖓᓄᑦ ᑎᑭᕐᓗᒍ. ᑭᕙᓪᓕᖅ ᑲᖏᕐᓱᓂᕐᒥ-ᐃᓇᑕᐃᒥ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᐅᔪᖅ 175,000 ᑭᓚᒦᑕᓂᑦ ᐊᖏᓂᖃᖅᑎᒋᓪᓗᐊᖅᐳᖅ ᑲᓇᑕᒥᓗ ᐊᖏᓛᖑᔪᑉ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᒋᔭᖓᑕ ᐱᖃᑎᒋᓪᓗᓂᐅᒃ. ᑲᓇᑕᒥ ᐊᐱᑎᐱᒥ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᐅᔪᒥᒃ (AGB) ᑯᐸᐃᒃ ᐅᐊᖕᓇᖅ-ᐱᖓᖕᓇᖅᐸᓯᐊᓂ ᐊᒻᒪ ᐊᓐᑎᐅᓇᐅᑉ ᐅᐊᖕᓇᖅ-ᐱᖓᖕᓇᖅᐸᓯᐊᓄᑦ. ᐊᐱᑎᐱᒥ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᐅᔪᖅ ᐊᖏᓂᖅᐹᖑᕗᖅ ᓄᓇᕐᔪᐊᓕᒫᒥ ᐊᒻᒪᓗ ᐊᖏᓗᐊᒧᑦ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᔪᓐᓇᓛᖑᓪᓗᓂ ᒎᓕᒧᑦ (LG) ᐊᒻᒪ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖄᖅᑐᕐᑲᕐᕕᐅᕙᒃᑐᕕᓂᕐᓂ (AGB) ᑕᐃᒪᐃᓯᒪᓕᖅᑐᓂ ᐊᕐᕋᒍᓄᑦ 110ᓄᑦ. ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖄᖅᑐᕐᑲᕐᕕᐅᕙᒃᑐᕕᓂᑦ ᓴᕕᒃᓴᑦ ᖃᐅᔨᔭᐅᕐᑲᑦᑕᕐᓯᒪᔪᑦ ᒪᑯᐊ ᑳᐳᕐ ᐊᒻᒪ ᔨᖕᖓ, ᑭᓯᐊᓂ, ᐅᓄᖅᑐᐊᓗᐃᑦᑕᐅᖅ ᓇᓂᔭᐅᓯᒪᒋᕗᑦ ᓴᕕᕋᔭᒃᓴᖅ, ᒎᓕ ᐊᒻᒪ ᓕᐊᑦ, ᐊᒻᒪ ᐱᒻᒪᕆᐅᔪᓂᑦ ᐊᕐᓂᖃᓪᓚᕆᒃᑐᓂ ᓴᕕᕋᔭᒃᓴᕐᓂ , ᓱᕐᓗ ᒐᓕᐊᒻ, ᔪᕐᒪᐃᓂᐊᒻ, ᐃᓐᑎᐊᒻ ᐊᒻᒪ ᑎᓐ, ᑳᓐᑕᐅᖅ ᓇᓂᔭᐅᖃᑦᑕᕐᓯᒪᒋᕗᖅ ᑭᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᑦᑎᐊᕋᔭᖅᑐᓂ. ᑕᒪᐃᓐᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᕐᓯᐅᕈᑕᐅᖃᑦᑕᕐᓯᒪᔪᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖄᖅᑐᕐᑲᕐᕕᐅᕙᒃᑐᕕᓂᕐᓂ ᐊᕐᕋᒍᓄᑦ 110ᖑᓪᓗᐊᓕᖅᑐᓄᑦ, ᑕᒪᓐᓇᓕ ᑲᖏᕐᓱᓂᕐᒥ-ᐃᓇᑕᐃᒥ ᐅᒃᑯᓱᒃᓴᕐᑲᕐᕕᐅᔪᖅ ᕿᓂᕐᕕᐅᓯᒪᓗᐊᓐᖏᒪᑦ, ᐃᓛᓐᓃᓐᓇᒃᑯ ᕿᓚᒥᑯᓗᒡᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᕐᓯᐅᕐᕕᐅᓯᒪᓕᖅᐳᖅ ᐊᕐᕋᒍᓄᑦ 65ᖑᓕᖅᑐᓄᑦ (1957-2022). ᑕᒪᑐᒪᓂ ᐊᕐᕋᒍᓂ ᑎᓴᒪᐃᑦ ᒎᓕᒥᒃ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᓇᓂᔭᐅᓯᒪᓕᖅᐳᑦ, ᑯᓚᑕᓐ ᑕᓯᐊᓂ, ᒥᑐᐸᐃᖕᒥ, ᒥᓚᑏᓐᒥ ᐊᒻᒪ ᐊᕐᕕᐅᑉ ᓴᖅᐱᖓᓂ. ᑕᒪᒃᑯᐊ ᒎᓕᖅᑲᕐᕕᐅᔪᑦ ᐃᓗᓕᖅᑲᐅᖅᐳᑦ ᑲᑎᕐᓱᒋᑦ 13.814 ᐅᕿᓐᖏᓐᓂᖅᑲᖅᑐᓂ ᒎᓕᒥᒃ. ᒥᓚᑏᓐ ᐊᒻᒪ ᐊᕐᕕᐅᑉ ᓴᖅᐱᖓᓂ ᒎᓕᓂᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᑦ ᓱᓕ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᖏᓐᓇᖅᐳᑦ ᑲᔪᓯᐅᒪᓂᐊᖅᑐᓂ ᑕᐅᕗᖓ 2040 ᐊᕐᕋᒍᖏᓐᓄ ᐃᓱᓕᓪᓗᒍ. ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖄᖅᑐᕐᑲᕐᔪᐊᖅᑎᓪᓗᒍ ᓴᖅᑭᑉᐸᒃᑐᕕᓂᑦ ᖃᐅᔨᔭᐅᕐᑲᑦᑕᕐᓯᒪᓕᖅᐳᑦ ᐊᕐᕋᒍᓄᑦ 30ᖑᓪᓗᐊᓕᖅᑐᓄᑦ (1992-2022).

ᐅᔾᕐᓇᕐᓂᖅᐸᖑᕗᖅ ᐊᐊᓂᓐᖓ ᒋᒪᒃᓯᒥ ᑕᐃᒪᙱᓂᓕᒫᖅ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕐᕕᖅᑐᓂ 5.0ᓂ ᐅᕿᓐᖕᒋᓐᓂᖅᑐᓂ ᐅᔭᕋᖅᑲᐅᕐᓗᑎᑦ 8.5% ᔨᖕᖓ, 0.2% ᑳ>, 110.0 ᓴᕕᒃᓴᕐᒥᒃ ᐊᒻᒪ 1.0 ᒍᓕᒥᒃ. (ᒐᕝ, 1996).

ᖃᐅᔨᒪᓪᓗᒍ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓ ᐅᒃᑯᓯᒃᓴᖅᑕᖅᑭᖓ ᑲᓇᑕᒥ ᐊᖏᓛᖑᔪᒧᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓗᐊᕐᓯᒪᙱᑦᑐᒧᑦ ᑐᒡᓕᒋᔭᐅᓂᖓᓄᑦ, ᐃᓱᒪᓕᐅᙱᐊᕈᓐᓇᖅᐳᒍᑦ ᓄᑖᓂ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᖅᑐᓂ ᑲᓐᓄᖅᑲᓂᒃ ᐊᒻᒪ ᓴᕕᒃᓴᕐᓂ ᓇᓂᓯᖅᑲᑦᑕᕐᓂᐊᕐᓂᖏᓐᓄᑦ ᐊᕐᕌᒍᑦ 10-20ᐅᓂᐊᖅᑐᓄᑦ. ᐊᓯᖏᑦ ᓇᓂᔭᐅᖅᑲᑦᑕᕐᓯᒪᔪᑦ, ᓱᕐᓗ ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᑦ ᐊᒻᒪ ᐊᔪᕐᓇᙱᑦᑎᐊᕋᔭᖅᑐᒃᓴᐅᓪᓗᑎᑦ. ᐊᑐᓕᖁᔭᓕᐊᖑᓯᒪᕗᖅ ᑕᒪᑐᒥᖓ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᑭᕙᓪᓕᕐᒥ ᕿᒥᕐᕈᐃᓂᖃᕐᓂᖅ ᐊᑐᖅᑕᐅᔪᓐᓇᑦᑎᐊᕐᓂᖏᓐᓄᑦ ᓇᓗᓇᐃᕐᓯᔾᔪᑕᐅᓇᓱᐊᕐᓗᑎᑦ ᖃᓄᖅ ᐆᒃᑑᑎᓕᐊᑦ ᓄᓇᕗᑦ ᓄᓇᖓ ᐊᑐᖅᑕᐅᓂᒃᓴᖓᓄᑦ ᐊᑐᕐᓂᖃᕐᓂᕐᓴᐅᔪᓐᓇᕋᔭᕐᓂᖓᓄᑦ ᐅᔭᕋᒃᓴᕐᓯᐅᕐᕕᓕᐅᕐᓂᕐᒧᑦ, ᐅᔭᕋᒃᓴᕐᓯᐅᕐᓂᕐᒧᑦ, ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕖᓂᒃᑐᑦ ᐋᖅᑭᐅᒪᓂᕆᔭᖕᒋᓐᓄᑦ ᐊᓯᖕᒋᓐᓄᓪᓗ ᐱᕙᓪᓕᐊᓂᐅᔪᓄᑦ.

ᑕᐃᒪᐃᑕᐅᓚᖅᐳᖅ ᓇᓗᓇᐃᓇᑦᑎᐊᒃᑲᓐᓂᕈᒪᓪᓗᑎᑦ ᖃᓄᖅ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᓄᓇᕗᑦ ᓄᓇᖓᑕ ᐊᑐᖅᑕᐅᓂᒃᓴᖓᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ ᐃᒃᐱᖕᓇᕐᓂᖃᕐᓂᖏᓐᓄᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᓕᐊᖑᓯᓂᐊᓂᒃᑐᓄᑦ ᐊᓯᖕᒋᓐᓄᓪᓗ ᐱᕙᓪᓕᐊᓂᐅᔪᓄᑦ ᑕᒪᒃᑯᓇᓂ ᓄᓇᐅᔪᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕖᓂᒃᑐᓄᑦ.

ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᓂᒃᓴᖓᓄᑦ ᑎᒃᑯᐊᖅᑕᐅᓯᒪᔪᑦ ᑐᒃᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᓄᓇᒥᒃ ᐊᖏᔪᒥᒃ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᖃᕐᓯᐊᕐᓯᒪᓕᖅᐳᑦ. ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓯᒫᓂᒃᑐᓄ ᐊᖅᑯᑎᒋᔭᐅᕙᒃᑐᑦ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓂ (DNLUP) ᐅᖃᐅᓯᐅᙱᒻᒪᑕ ᐃᓱᓕᕝᕕᖃᐅᖅᑎᑕᐅᓪᓗᑎᒡᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ. ᖃᐅᔨᒪᔭᐅᔭᕆᐊᖃᖅᐳᖅ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᖕᓂᒃᑐᓂᑦ ᐊᑭᓕᕐᓱᐃᔨᐅᔪᑦ ᐅᖅᑰᓴᐅᑎᖏᓐᓄᑦ ᖃᕆᑕᐅᔭᓕᕆᔾᔪᑎᖏᓐᓄᓪᓗ ᐊᑐᐃᓐᓇᐅᑎᑦᑎᔪᒃᓴᐅᓪᓗᑎᑦ. ᑕᐃᒪᐃᓐᓂᐊᕈᑦᑕ, ᑭᕙᓪᓕᐅᑉ ᓄᓇᓕᖏᓐᓄᑦ ᐃᓚᓕᐅᑎᓪᓗᒋᑦ, ᐱᕙᓪᓕᐊᑎᑦᑎᓂᕐᒧᑦ ᐱᒋᐊᖅᑎᑕᐅᔭᕆᐊᖃᕋᔭᖅᑐᓂᑦ ᐱᓕᕆᐊᖑᔭᖃᑦᑕᕋᔭᖅᑐᓂᒡᓗ, ᓱᕐᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᕐᓯᐅᒃᑲᓐᓂᕐᓂᕐᒥᒃ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᖕᓂᒃᑐᓂᒡᓗ, ᐊᑐᖅᑕᐅᓗᑎᑦ ᑭᓇᐅᔭᓕᐅᕈᑎᓪᓚᓇᐅᓇᔭᖅᐳᑦ ᐋᖅᑭᖕᓂᕈᑎᑦ. ᒫᓐᓇ ᓄᓇᓕᐅᔪᑦ ᐊᑕᐅᓯᕐᓗ ᒫᓐᓇ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓂ (ᓱᕐᓗ ᒥᓚᑏᓐ ᑕᓯᐊᓂ) ᐃᓱᒪᒋᓗᒋᑦ ᐊᑐᕈᓐᓇᓐᖏᑦᑐᒃᓴᐅᕗᑦ ᖃᓄᐃᒻᒪᑦ ᑮᓇᐅᔭᓂ ᐊᑐᓪᓗᐊᕐᓂᑦᑎᓐᓄ ᑕᒪᑐᒥᖓᓗ ᓴᓇᓪᓗᐊᕐᓂᑦᑎᓐᓄ. ᖃᐅᔨᓴᖅᑕᐅᒍᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᓕᐅᕐᓂᖅ ᐅᔭᕋᖕᓂᐊᕐᓂᕐᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᖕᓂᒃᑐᓂ ᖃᐅᔨᓴᕈᓐᓇᕐᓂᐊᖅᐳᑦ ᑕᒪᑐᒧᖓ ᓇᓂᓯᓇᓱᐊᕈᑕᐅᓂᕐᒧᑦ ᓯᕗᓂᒃᓴᑦᑎᓐᓂᓗ ᐅᔭᕋᖕᓂᐊᕐᕕᒃᓴᓕᐊᖑᓇᔭᖅᑐᓄᑦ ᐊᑐᖅᑕᐅᔪᓐᓇᕐᓯᓗᓂ.

ᐃᓚᓕᐅᑎᓗᒍ, ᐊᑐᖅᑕᐅᓂᒃᓴᖓᓄ ᐃᓱᓕᕝᕕᓕᐊᖑᓯᒪᔪᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) 45.70%-ᒋᔭᖓ ᓄᓇᐅᑉ ᖃᖓᓃᑦᑐᓂ ᓄᓇᓂ ᐃᓄᖕᓄ ᓇᖕᒥᓂᕆᔭᐅᔪᓃᑦᑐᑦ IOL ᐊᒻᒪ 56.76%ᒋᔭᖓ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓂ IOL. ᑭᕙᓪᓕᕐᒥ. ᑕᒪᒃᑯᐊ ᐅᓄᖅᑐᐊᓘᓂᖏᑦ ᐃᓱᒪᒋᓪᓗᒋᑦ ᓂᕈᐊᖅᑕᐅᑎᐊᖃᑦᑕᕐᓯᒪᔪᕕᓂᐅᓂᖏᓐᓄᑦ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒧᑦ ᐊᖏᕈᑎᓕᐊᓂᑦ (LCA). ᐋᕕᖃᑎᒌᒃᑎᐅᔪᓄᑦ. ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒧᑦ ᐊᖏᕈᑎᓕᐅᖅᑎᑦ ᓂᕆᐅᓚᐅᕐᒪᑕ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᕋᔭᕐᓂᖏᓐᓄᑦ ᑕᒪᒃᑯᐊ ᐅᓄᕐᓂᕆᔭᖏᑦ ᐃᓱᒪᒋᓪᓗᒋᑦ ᓂᕈᐊᕐᓯᔪᓐᓇᕐᓯᕗᑦ ᓇᓪᓕᐊᖕᓂᒃ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᑦᑎᐊᕋᔭᖅᑐᓂᑦ ᐅᒃᑯᓯᒃᓴᓕᖃᕐᕕᐅᔪᓂ ᐃᓄᖕᓄ ᓄᓇᑖᕋᓱᐊᕐᓂᕐᒧᑦ ᐋᕕᖃᑎᒌᒃᑎᐅᔪᓄᑦ (LCA). ᑖᒃᑯᐊ ᐋᕕᖃᑎᒌᒃᑎᑦ ᓂᕆᐅᓚᐅᕐᒪᑕ ᓄᓇᕗᒻᒥᐅᓄᑦ ᓯᕗᓂᒃᓴᑦᑎᓐᓂ ᑭᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᓇᓪᓕᐊᖑᓇᔭᕐᓂᖏᓐᓄᑦ ᓂᕈᐊᖅᑕᐅᒍᑎᑦ ᑕᒪᒃᑯᓇᓂ ᐃᓄᖕᓄ ᓇᖕᒥᓂᕆᔭᐅᔪᓂ ᓄᓇᓂ, ᑭᓇᐅᔭᓕᐅᖅᑎᑦᑎᔪᒪᓂᐊᕐᓗᑎᑦ ᓂᕈᐊᕐᓕᖅᑕᒥᓂ ᐃᓄᖕᓄ ᓇᖕᒥᓂᕆᔭᐅᔪᓂ ᓄᓇᓂ, ᓯᕗᓂᒃᓴᑦᑎᓐᓂ ᓄᓇᕗᒻᒥᐅᑦ ᑭᓇᐅᔭᓕᐅᑦᑎᐊᕈᓐᓇᕐᓯᕐᑯᓪᓗᓄᒋᑦ. 2021-ᒥ ᑎᒃᑯᐊᖅᑦᑕᐅᓯᒪᔪᑦ ᓄᓇᕗᑦ ᓄᓇᖏᑦ ᐊᑐᖅᑕᐅᓂᒃᓴᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᖑᓯᒪᔪᑦ ᐊᑲᐅᓐᖏᓕᐅᕈᑕᐅᑐᐃᓐᓇᓇᐊᖃᖅᐳᑦ ᑕᒪᑐᒧᖓ ᑭᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᕋᔭᕋᓗᐊᖅᑐᒧᑦ.

1.0 ᓯᕗᓪᓕᖓ

(ᐅᔭᕋᖕᓂᐊᕐᓂᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᒪᑕᐅᔪᓂᑦ) GeoVector Management Inc.-ᑯᓐᓂᒃ (ᔨᐅᕕᒃᑐᕐ) ᓄᑖᙳᖅᑎᑕᐅᓯᒪᔪᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᕿᒥᕐᕈᔭᐅᓯᒪᔪᓂ ᐋᖅᑭᒃᓯᓯᒪᓕᖅᐳᑦ ᑭᕙᓪᓕᖅ-ᒫᓂᑑᐸᒥ ᐅᒃᑯᓯᒃᓴᓕᖃᕐᕕᐅᔪᓂ ᐅᖃᐅᓯᖃᓗᐊᕐᓗᑎᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᕙᓐᓂᖏᓐᓄᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP). ᑕᒪᓐᓇ ᐱᓕᕆᐊᖑᓚᐅᖅᐳᖅ ᑭᕙᓪᓕᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖏᓐᓄᑦ ᑎᓕᔭᐅᖓᒪᑕ. ᑕᒪᓐᓇ ᕿᒥᕐᕈᓂᐅᓚᐅᑐᖅ ᐱᐊᓂᒃᑕᐅᓚᐅᖅᑐᖅ ᐱᒋᐊᖅᑎᑕᐅᓯᒪᔪᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕋᓂᒃᑐᓂ. ᑕᐃᒪᓐᓇ ᐃᓕᖅᑯᓯᖃᓚᐅᖅᐳᑦ ᓇᓗᓇᐃᓇᑦᑎᐊᒃᑲᓐᓂᕈᒪᓪᓗᑎᑦ ᖃᓄᖅ ᐆᒃᑑᑎᓕᐊᖑᓯᒪᔪᓂ ᓄᓇᕗᒻᒥᑦ ᓄᓇᐅᑉ ᐊᑐᖅᑕᐅᓂᒃᓴᖓᓄᑦ ᐸᕐᓇᐅᑎᓕᐊᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕋᓂᒃᑐᑦ ᐃᒃᐱᖕᓇᕐᓂᖃᕐᓯᒪᓂᖏᓐᓄᑦ ᐊᓯᖏᓪᓗ ᐱᕙᓪᓕᐊᕝᕕᐅᓯᒪᔪᑦ ᑕᒪᒃᑯᓇᓂ ᓄᓇᐃᑦ ᑭᒡᓕᖏᓐᓂ.

ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓ ᑲᖏᕐᓱᓂᕐᒥ-ᐊᕼᐃᐊᕐᒥᐅᓂ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐅᕐᔪᐊᖅᐳᖅ (REGB), ᐅᖓᓯᖕᓂᖃᕐᓗᓂ 700 ᑭᓚᒦᑕᓂᑦ ᓴᓵᑦᓯᐊᓐ ᐅᐊᖕᓇᖓᓂ ᕼᐊᑦᓴᓐ ᐸᐃ ᐱᖓᖕᓇᖓᓂ ᓯᒡᔭᖓᓄᑦ ᑎᑭᕐᓗᒍ. ᑲᖏᕐᓱᓂᕐᒥ-ᐃᓇᑕᐃᒥ ᓄᓇᐅᔪᖅ 175,000 ᑭᓛᒥᑕᐅᑎᒋᕗᖅ ᑲᓇᑕᒥᓗ ᐊᖏᓛᖑᔪᒧ ᑐᖏᓕᕆᔭᐅᓪᓗᓂ. ᐊᐱᑎᐱᒥ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐅᔪᓕᒫᓂ ᑯᐸᐃᒃ ᐅᐊᖕᓇᖓᑕ ᐱᖓᖕᓇᖅᐸᓯᐊᓂ ᐊᒻᒪ ᐊᓐᑎᐅᓇᐅ ᐅᐊᖕᓇᖓᑕ ᐱᖓᖕᓇᖅᐸᓯᐊᓂ. ᐊᐱᑎᐱᒥ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐅᔪᖅ ᐊᖏᓂᖅᐹᖑᕗᖅ ᓄᓇᕐᔪᐊᓕᒫᒥ ᐊᒻᒪ ᐊᖏᓛᖑᓪᓗᓂ (LG) ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᓛᖑᓪᓗᓂ ᐊᖏᓛᕐᑎᐊᕐᒥᒃ ᒎᓕᖃᕐᓗᓂ ᐊᒻᒪ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖃᖃᑦᑕᕐᓯᒪᔪᓂ ᐊᕐᕌᒍᓄᑦ 110ᖑᓕᖅᑐᓄᑦ. ᓴᕕᒃᓴᑦ ᓇᓂᔭᐅᓯᒪᐅᖅᑐᑦ ᑕᒪᒃᑯᓇᓂ ᐅᓄᕐᓂᕐᓴᑦ ᒃᐳᕐ ᐊᒻᒪ ᔨᖕᖕ, ᑭᓯᐊᓂ ᐊᓯᖏᑦᑕᐅᖅ ᓇᓂᔭᐅᓯᒪᐅᖅᐳᑦ ᓯᐅᓪᕗᕐ, ᒎᓕ ᐊᒻᒪ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᖃᖅᑐᕕᓂᕐᓄ ᑲᑕᒐᖅᑕᐅᓯᒪᓯᒪᔪᓂ ᐊᕐᕌᒍᓄᑦ 110ᖑᓕᖅᑐᓄᑦ. ᓴᕕᒃᓴᑦ ᓇᓂᔭᐅᓯᒪᔪᑦ ᑲᑕᒐᒃᓯᒪᔪᓂ ᐅᓄᕐᓂᕐᓴᑦ ᒃᐳᕐ ᐊᒻᒪ ᔨᖕᖕ, ᑭᓯᐊᓂᑦᑕᐅᖅ ᐊᓯᒃᑲᓐᓂᖏᑦ ᓯᐅᓪᕗᕐ, ᒎᓕ ᐊᒻᒪ ᓕᐊᑦ ᐊᒻᒪᓗ ᐱᒻᒪᕆᐅᔪᓂ ᓴᕕᕋᔭᒃᓴᓂ, ᓱᕐᓗ ᓯᐅᓪᕗᕐ, ᒎᓕ ᐊᒻᒪ ᓕᐊᑦ ᐊᒻᒪᓗ ᐱᒻᒪᕆᐅᔪᓂᑦ ᐃᓚᓕᐅᑎᔭᒃᓴᖃᐅᕐᓗᓂ, ᓱᕐᓗ ᒐᓕᐊᒻ, ᔪᕐᒪᐃᓂᐊᒻ, ᐃᓐᑎᐊᒻ ᐊᒻᒪᓗ ᑎᓐᑕᐅᖅ ᑕᒪᒃᑯᓇᓃᑦᑐᓐᓇᖅᐸᒃᑭᕗᑦ ᐅᔭᕋᖕᓂᐊᖅᑕᐅᔪᓐᓇᑦᑎᐊᕐᓗᑎᑦ.

ᐊᒥᓱᐃᓕᖓᑉᓗᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᒃᑕᖅᓯᒪᓕᕐᒪᑕ AGB-ᒥ (ᐊᐱᑎᐱ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐊᓂ) ᐅᖓᑖᓄᓕᖅᑐᖅ 110 ᐅᑭᐅᓄᑦ, ᑕᒪᓐᓇᓕ REGB-ᒥ (ᑲᖏᖅᓱᓂᕐᒥ-ᐊᕼᐃᐊᕐᒥᐅᓂ) ᓄᓇ ᓱᓕ ᕿᓂᕐᕕᐅᓯᒪᖕᒋᓐᓂᖓ ᐊᖏᔪᐊᓘᑉᓗᓂ, ᑕᑯᕝᕕᐅᖅᑕᖅᓯᒪᑐᐃᓐᓇᕐᓗᓂ ᖃᑯᑎᒃᑯᑦ, ᒥᑭᑦᑐᒻᒪᕆᖕᒥᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᕕᐅᖃᑦᑕᖅᓯᒪᓕᕐᓗᓂ ᐅᑭᐅᑦ 65 ᐊᑐᖅᐸᓪᓕᐊᓯᒪᓂᖏᓐᓂ (1957-ᒥᑦ 2022-ᒧᑦ). ᑖᑉᑯᐊ ᐅᑭᐅᑦ ᐊᑐᖅᐸᓪᓕᐊᓯᒪᓂᖏᓐᓂ ᓯᑕᒪᐅᔪᓂᒃ ᑲᓐᓄᕐᑲᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᓇᓂᓯᓯᒪᓕᓚᐅᖅᐳᑦ, ᑯᓚᑕᓐ ᓖᒃ ᑕᓯᐊᓂ, ᐊᐳᑦᑎᓐᓇᖅᑑᕐᒥ, ᐃᖃᓗᓕᐊᓛᒥ ᐊᒻᒪᓗ ᕕᐅᑦ ᑎᐅᑦᒥ. ᑕᒪᒃᑯᐊ ᑲᓐᓄᕐᑲᕐᒥᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᑦ ᑲᑎᑦᓗᑎᑦ ᐅᔭᕋᒃᑕᕆᐊᖅᓯᒪᓕᖅᑐᑦ 13.814 M oz-ᓗᐊᓂᒃ ᑲᓐᓄᕐᑲᕐᒥᒃ. ᐃᖃᓗᒫᕐᔪᖕᓂ ᐊᒻᒪᓗ ᕙᐃᑦ ᑎᐅᑦᒥ ᑲᓐᓄᕐᑲᒥᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᑦ ᓱᓕ ᐅᔭᕋᒃᑕᕆᐊᖅᐳᑦ ᐊᒻᒪ ᐊᑐᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᑦ ᒪᑐᐃᙱᕐᔪᖕᓇᕐᓂᐊᕐᓗᑎᒃ ᑎᑭᑦᓗᒍ ᐅᑭᐅᖏᑦ 2040-ᐃᑦ. ᐅᑯᔪᐊᓗᖕᒥ (Volcanic) ᐊᖏᔪᒻᒪᕆᖕᒥᒃ Sulphide-ᖑᓂᕋᖅᑕᐅᑉᓗᓂ ᓇᓂᓯᓯᒪᓕᓚᐅᕐᒥᔪᑦ ᐅᑭᐅᑦ 30 ᐊᑐᖅᐸᓪᓕᐊᓯᒪᑎᓪᓗᑎᑦ (1992-ᒥᑦ 2022-ᒧᑦ). ᐅᔾᔨᕐᓇᕐᓂᖅᐹᖑᕗᖅ ᕼᐃᓂᖓ-ᒋᒪᒃᓴ ᑕᐃᒪᙱᓂᓕᒫᖅ ᐅᔭᕋᖕᓂᐊᒐᒃᓴᖃᕐᕕᐅᔪᓐᓇᕐᓂᖓᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ 5.0 Mt ᐃᓚᖃᕐᓗᑎᑦ 8.5% ᔨᖕᒥᒃ (zinc), 0.2% ᑲᓐᓄᔭᖅ, 110 g/t ᖃᑯᓪᓕᕐᓂᒃ ᐊᒻᒪ 1.0 g/t ᑲᓐᓄᕐᑲᕐᓂᑦ (Goff, 1996)..

ᓇᐃᒡᓕᒋᐊᕐᓗᒍ, ᑲᓇᑕᓕᒫᒧᑦ ᐆᒃᑑᑎᒋᓗᒋᑦ ᒎᓕᓂᑦ ᐅᓄᕐᓂᖃᕐᕕᐅᓂᕐᓴᐅᕗᖅ ᐊᖏᓂᕐᓴᐅᔪᓂ ᒎᓕᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕋᓂᒃᑐᓂᑦ, ᓱᕐᓗ ᑎᒥᓐᓴᒥ, ᑰᒃᓚᓐ ᑕᓯᐊᓂ, ᓴᓗᓇᐃᒥ ᐊᒻᒪ ᐊᐅᐸᖅᑐᖅ ᑕᓯᐅᑉ ᐅᔭᕋᖕᓂᐊᕐᕕᖏᓐᓂ. ᐆᒃᑑᑎᒋᔪᓐᓇᕐᑎᐊᕆᕗᖅᑕᐅᖅ ᑐᓐᖓᓂᖃᕐᑎᐊᕐᓗᑎᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓂᑦ ᑯᐸᐃᖕᒥ, ᐊᓐᑎᐅᕆᐅᒥ, ᒫᓂᑑᐸᒥ ᐊᒻᒪ ᓴᓵᑦᓯᐊᒥ. ᑕᒪᒃᑯᓇᓂᓕᒫᖅ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᕋᓂᒃᑐᓂ ᐅᔭᕋᖕᓂᐊᖅᑕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᕿᒥᕐᕈᐃᖅᑳᕐᓂᑰᓯᒪᕗᑦ ᓇᓗᓇᐃᕐᓯᓇᓱᐊᖅᑎᓪᓗᑎᑦ ᑭᓱᓪᓚᕆᖕᓂ ᐅᔭᕋᖕᓂᐊᒐᒃᒪᖃᕐᕕᐅᓂᖏᓐᓄᑦ ᑎᑯᐊᖅᑐᐃᔪᓐᓇᕐᓯᓚᐅᖅᐳᑦ ᒫᓐᓇᐅᔪᖅ ᐅᔭᕋᖕᓂᐊᖅᑕᐅᓕᖅᑐᓂᑦ ᓂᕈᐊᕐᓯᔭᕆᐊᖅᑲᓚᐅᕐᒪᑕ ᓄᑖᓂ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᑕᒪᒃᑯᓂᖓ ᖃᐅᔨᒪᔭᐅᔪᓂ ᑲᓐᓄᕐᑲᓂᒃ ᐊᒻᒪ ᓴᕕᕋᔭᒃᓴᕐᓂ.

2.0 ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᕐᓯᐅᖅᑎᓪᓗᒋᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐅᕙᒃᑐᑦ

ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᔪᓐᓇᖅᐳᑦ ᐃᒪᓐᓇ "ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᕿᒥᕐᕈᐃᓂᕐᑲᖅᐸᒃᐳᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒃᓴᐅᔪᓐᓇᖅᑐᓂ ᐃᓱᒪᓕᐅᕈᑕᐅᓇᔭᖅᑐᓂ ᐅᓄᖅᑐᐊᓗᓐᓂ ᓄᓇᙵᐊᓕᕆᔾᔪᑎᓂ ᓄᑖᙳᓛᕐᓂᒃᓗ ᐅᔭᕋᓐᓂᐊᒐᒃᓴᓂ ᐊᔾᔨᒌᙱᑦᑐᓂ ᖃᐅᔨᒪᓂᖃᑦᑎᐊᕐᓂᐊᕐᓂᖏᓐᓄᑦ." ᑕᐃᒪᓐᓇ ᖃᓄᖅ ᐊᖏᑎᒋᓂᖏᓐᓂ ᕿᒥᕐᕈᐃᑎᓪᓗᒋᑦ ᓄᓇᙵᐊᓂ, ᓄᓇᓂ ᐅᔭᕋᑦ ᐊᔾᔨᒌᙱᑦᑐᑦ ᐊᒻᒪ ᓄᓇᐅᑉ ᐋᖅᑭᐅᒪᓂᖓᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᖅᑕᐅᕙᒃᐳᑦ ᓇᐃᕐᓯᓇᓯᐊᖅᑎᓪᓗᒋᑦ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᐅᔭᕋᓐᓂᐊᒐᒃᓴᓂ ᓇᓂᑐᐃᓐᓇᖅ, ᐊᕕᒃᑐᖅᓯᒪᓂᐅᔪᒥ ᑲᓇᑕᒥᓗᓐᓃᑦ. ᐅᔭᕋᓕᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᓇᓗᓇᐃᖅᑕᐅᔪᓐᓇᖅᐸᒃᐳᑦ ᐊᕕᒃᑐᕐᓯᒪᓂᖓᓂ (100 ᐅᖓᑖᓃᑦᑐᓄᑦ ᑭᓛᒥᑕᓄᑦ) ᐊᒻᒪᓗ ᐅᒃᑯᓯᒃᓴᕐᓯᐊᕐᕕᐅᓯᒪᔪᓂ (1000 ᐅᖓᑖᓃᑦᑐᓄᑦ ᑭᓛᒦᑕᓄᑦ)

ᑕᒪᑐᒪᓂ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂ ᖃᐅᔨᒋᐊᕐᓂᐅᔪᖅ ᐊᑐᓚᐅᖅᐳᑦ ᓄᓇᙵᐊᕐᓂ ᑐᓴᐅᒐᒃᓴᓕᕆᔾᔪᑎᓂ (GIS) ᖃᕆᑕᐅᔭᖅᑎᒍᑦ ᕿᒥᕐᕈᐃᓂᒃᑯᓪᓗ ᒪᑯᓂᖓ:

1. ᐱᖅᑯᓯᑐᖃᒃᑯᑦ ᓄᓇᓂ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓕᐊᖑᓯᒪᔪᓂ, ᐊᒻᒪ
2. ᐅᔭᕋᓐᓂᐊᕐᕕᓕᐊᖑᐊᓂᒃᑐᓂ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᓂ ᓇᓗᓇᐃᕐᓯᔪᓐᓇᕐᑯᓪᓗᒋᑦ ᓯᕗᓂᒃᓴᕐᑎᓐᓂ ᖃᓄᑎᒋ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᑎᒋᔪᓐᓇᕋᔭᕐᓂᖏᓐᓄᑦ.

ᓄᓇᙵᐊᕐᓂ ᖃᐅᔨᒪᔭᐅᔪᓂ ᐊᑐᖅᐸᓐᓂᖅ ᐊᑲᐅᓂᖅᐹᖑᔾᔪᑎᒋᔭᖓᑦ ᐊᔾᔨᒌᓐᓇᖏᑦᑐᑦ ᓄᓇᓐᖑᐊᓕᕆᓂᕐᒧ ᖃᐅᔨᔭᐅᓯᒪᐅᖅᑐᑦ ᑲᑎᕐᓱᖅᑕᐅᒐᓇᒃᑐᑎᑦ ᐋᖅᑭᒃᓱᐃᔾᔪᑕᐅᓪᓗᑎᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᓄᓇᓐᖑᐊᕐᓂ, ᓇᓗᓇᐃᕐᓯᔾᔪᑕᐅᔪᓐᓇᖅᐸᖓᑕ ᐅᔭᕋᓐᓂᐊᒐᒃᓴᓂ, ᑭᓯᐊᓂᑦᑕᐅᖅ ᓇᓗᓇᐃᕐᓯᔾᔪᑕᐅᔪᓐᓇᖅᐸᒃᐳᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᕋᓂᓐᖏᑦᑐᓂ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᑐᐃᓐᓇᕆᐊᓕᖕᓂ. ᑕᐃᒪᐃᑎᓪᓗᒋᑦ ᓇᓂᓯᐊᓪᓚᒍᓐᓇᖅᐸᒃᐳᑦ ᓄᑖᓂᑦ ᑮᓇᐅᔭᓕᐅᕈᑕᐅᔪᓐᓇᖅᑐᓂᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒃᓴᐅᔪᓐᓇᖅᑐᓂᑦ.

ᑕᐃᒪᓐᓇ ᓄᑖᓂ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᖃᐅᔨᔪᓐᓇᖅᐸᒃᐳᑦ. ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᑦ ᐅᖃᐅᓯᐅᕙᒃᑭᕗᑦ ᐅᔭᕋᒃᓯᐅᕐᕕᒃᓴᐅᔪᓐᓇᖅᑐᓂ ᐅᔭᕋᒃᓯᐊᕐᕕᐅᔪᓐᓇᖅᑐᒃᓴᐅᔪᓂᒃᓗ ᓄᓇᓐᖑᐊᕐᓂ ᑐᓴᐅᒪᔭᐅᔭᕆᐊᓕᖕᓂ ᑎᑎᖅᑲᓕᐊᖑᓯᒪᔪᓂᑦ. (ᐸᐊᐃᕆᔅ, ᐱᓕᕆᔨᖏᓪᓗ, 2006)

ᑕᒪᓐᓇ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᓇᔭᕐᑐᖅ ᐱᒻᒪᕆᐅᓂᖅᐸᐅᖓᑦ ᐱᓕᕆᔾᔪᓯᐅᕙᒃᑐᑎᒍᑦ ᐱᓕᕆᓂᐅᕙᓐᓂᐊᖅᑐᓄᑦ ᐱᔾᔪᑎᒋᑉᓗᒍ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᓕᖅᐸᓐᖓᑕ ᖃᓄᖅ ᕿᓂᖅᐸᓪᓕᐊᓂᕐᒥ ᐱᓕᕆᐊᖑᔭᕆᐊᓖᑦ ᐱᓕᕆᔾᔪᑎᓂᒃ ᐊᑐᕐᓂᐊᕐᒪᖔᑕ ᐋᖅᑮᓯᒪᓕᕈᑎᒋᓂᐊᕐᓗᒋᑦ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᓂᒃ ᓄᓇᙵᐊᓂᒃ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᓂᑦ. ᐅᔭᖅᑲᑦ ᐲᖅᑕᐅᔪᑦ ᐃᓕᐅᖅᑲᒐᐅᓯᒪᓕᖅᐸᖓᑕ ᐊᒥᓱᕐᓚᐅᑉᓗᑎᒃ ᓴᓇᕐᕈᑎᒃᓴᓄᑦ (GIS) ᖃᓕᓈᓕᖅᑐᒐᐅᓯᒪᓂᐊᕐᓂᖏᑕ ᐊᒻᒪ ᖃᕆᑕᐅᔭᑎᒍᑦ ᑎᑎᕋᕐᕕᒃᓴᕐᑯᑎᐅᔪᓂ ᑕᐃᒪᓗ ᐊᑐᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᐅᔪᑦ ᖃᓕᓈᓕᖅᓯᒪᔪᑦ ᑲᑎᑕᐅᓯᒪᓕᖅᐸᒃᓗᑎᒃ ᐊᒻᒪ ᖃᐅᔨᒋᐊᖅᑕᐅᑉᓗᑎᒃ ᐅᕐᑯᒪᐃᓐᓂᓇᔭᖏᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᓂ (ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᐊᒻᒪᓗ 2).

ᐊᒥᓱᙱᓇᐊᖅᓯᒪᓕᕐᓂᖏᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐱᑕᖃᓕᕐᓂᖏᑦ ᐱᓕᕆᔾᔪᓯᐅᓕᕐᓂᐊᖅᑐᑦ ᓴᙱᓂᖅᓴᐅᕙᓪᓕᐊᓕᖅᐸᖓᑕ ᐱᓕᕆᐊᖃᕐᓂᕐᒥᒃᑎᒍᑦ, ᑕᐃᒪᓗ ᐱᓕᕆᔾᔪᓯᐅᔭᕆᐊᖃᓕᕐᓂᐊᕐᒥᔪᓂᒃ ᓴᖅᑭᐸᓪᓕᐊᓂᐊᖅᑐᓂᒃ ᓇᓚᐅᑦᓵᖅᓯᒪᔪᙱᓇᖅᓯᓂᐊᕆᐸᓗᑎᒃ. ᑖᐸᑯᐊ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑎᒍᑦ ᐱᓕᕆᐊᖃᕐᓂᐅᔪᑦ ᓯᕗᕐᖓᓂ ᖃᐅᔨᒪᓂᖅᑕᕐᑲᕆᐊᖃᕐᓂᐊᕐᒪᑕ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᑕᖃᕐᓂᖓᓄᑦ, ᐅᔭᖅᑕᕆᐊᕐᕕᒃᓴᖅᓯᐅᕐᓂᕐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐱᑕᖃᓕᖅᑲᑦᑕᕐᓂᐅᔪᑦ ᖃᐅᔨᓴᕐᕕᐅᔪᑉ ᐊᕙᑎᖓᓂ. ᑕᐃᒪᓐᓇ ᖃᐅᔨᒪᕙᒋᖃᑦᑕᕐᓂᖅ "ᐱᑕᖃᑐᐃᓐᓇᕆᐊᖃᕐᓂᖓᓄᑦ ᓇᓗᓇᐃᕈᑎᐅᓯᒪᓕᖅᐸᖓᑦ" ᐊᑐᖅᑕᐅᕙᒃᑐᑎᒃ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᓄᑦ. ᐱᓕᕆᓂᐅᔪᒥ ᐊᑕᕝᕕᒋᑐᕋᐅᓐᓂᖏᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᕙᓪᓕᐊᔪᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓄᑦ, ᐅᕝᕙᓘᓐᓃᑦ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᐅᑉᓗᑎᒃ ᓄᓇᙵᐊᑦ, ᐊᒻᒪᓗᐊᕙᑎᒋᔭᐅᒧᒥ ᓇᓃᓐᓂᖓᑕ ᖃᐅᔨᒪᔭᐅᑉᓗᑎᒃ ᐅᔭᕋᓐᓂᐊᕐᕕᐅᔪᓐᓇᖅᑐᓄᑦ, ᕿᓂᖃᑦᑕᕐᓂᕐᓄᑦ ᐅᕝᕙᓘᓐᓃᑦ ᐱᑕᖃᑦᑕᕐᓂᐅᔪᓄᑦ ᐊᑐᖅᑕᐅᕙᖓᑕ ᐋᖅᑭᓯᒪᓕᕐᓂᐊᕐᓂᕐᒥ ᐱᒻᒪᕆᐅᑎᑕᐅᔪᓂᒃ, ᐅᕝᕙᓘᓐᓃᑦ ᐅᕐᑯᒪᐃᓐᓂᓇᔭᖏᓂᒃ, ᐊᑐᓂ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᐅᔪᓄᑦ ᓄᓇᙵᐊᓄᑦ. ᑕᒪᓐᓇ ᖃᐅᔨᓴᐃᓂᐅᔪᖅ ᐊᑐᓚᐅᕐᒪᑦ ᐅᕐᑯᒪᐃᓐᓂᓇᔭᖏᓂᒃ ᓇᓗᓇᐃᔭᐃᔾᔪᑎᓄᑦ ᒪᓕᒃᓗᒋᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ ᐹᓐᕼᐋᒻᒪ-ᑳᕐᑐᕐ (1994)

ᑖᑉᓱᒪᓂ ᖃᐅᔨᓴᐃᓂᐅᔪᒥ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᑲᓐᓄᖃᖃᓕᖅᓯᒪᓂᐅᔪᒥᒃ (LG) ᐅᑯᔪᐊᓗᖕᒥ (Volcanic) ᐊᖏᔪᒻᒪᕆᖕᒥᒃ Sulphide-ᖑᓂᕋᖅᑕᐅᑉᓗᓂ (VMS) ᐱᓕᕆᔾᔪᓯᐅᕙᖕᓂᐊᖅᑐᖁᑎᑦ ᐊᑐᖅᑕᐅᓚᐅᖃᒪᑕ. ᑕᒪᕐᒥᒃ ᑕᐃᒪᓐᓇᐃᑦᑐᓂᒃ ᐅᔭᕋᒃᑕᖃᖅᓂᖕᒋᑦ ᐱᓕᕆᓂᖃᖅᕕᐅᓚᐅᖃᒪᑕ ᐊᑐᕐᓗᒋᑦ ᐅᖁᒪᐃᓐᓂᕆᔭᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᖅᓯᓯᒪᔾᔪᑎᐅᔪᑦ ᑕᒪᐃᓐᓂ ᑐᑭᓯᒋᐊᖅᕕᒃᓴᖁᑎᑎᒍᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᖕᒋᓐᓂᒃ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔾᔪᑎᒃ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᐊᒻᒪᓗ 2, ᐃᓱᒪᒋᔭᐅᔾᔪᑎᒃ ᐱᐅᓂᖅᐹᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᕙᖕᒪᑕ LG-ᓂᒃ VMS-ᓂᒃ ᐱᑕᖃᕐᓂᖕᒋᓐᓄᑦ ᐅᒃᑯᓯᒃᓴᖅᑕᖃᖅᑐᓂ.

2.1 ᑲᓐᓄᖃᓂᒃ ᐅᔭᕋᒃᓯᐅᕐᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᑦ (ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ 1)

ᑲᓐᓄᖃᖅᑕᖃᕐᑐᓂᒃ (LG) ᓄᓇ ᐱᑕᖃᕐᓂᖃᖅᐸᒃᑐᑦ ᐅᒃᑯᓯᒃᓴᓂᒃ ᐅᔭᖅᑲᓂᒃ ᐱᑕᖃᕐᕕᐅᔪᓂ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᐸᑕᐅᖅ. ᑕᒪᒃᑯᐊ ᐱᑕᖃᕐᓂᐅᔪᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᐅᔭᖅᑲᑦ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᓂᖕᒋᓐᓄᑦ ᐊᐅᓚᑕᐅᓐᓂᖃᖅᑐᓂ, ᐱᑕᖃᓕᖅᐸᒃᑐᑦ ᐅᑯᔪᐊᓗᖕᒥᑦ ᐅᔭᕋᕐᑯᑎᐅᔪᓂ, ᑭᓐᓂᑕᕐᓂ ᐅᔭᖅᑲᓂ ᐊᒻᒪ ᐅᑯᔪᐊᓗᖕᒥᙱᖅᓯᒪᓂᑯᓂᑦ (Volcanic) ᐅᔭᖅᑲᓂᑦ ᓴᖅᑭᐸᐸᓪᓕᐊᓂᖃᖅᑐᓂᑦ; ᐊᒻᒪᓗ ᓇᓗᓇᐃᖅᓯᒪᔾᔪᑎᖃᖅᐸᒃᑐᑎᒃ ᑲᓐᓄᖃᖃᕐᓂᖕᒋᓐᓄᑦ ᑯᐊᖅ-ᑕᖃᕐᓂᐅᔪᓄᑦ ᐱᑕᖃᖅᐸᒃᑭᓪᓗᓂ ᐊᔾᔨᒌᙱᐅᖅᑑᑎᐅᐸᓗᑎᒃ sulphides-ᑕᖃᕐᕕᐅᔪᓂ (ᐆᓪᕙᐃᑦ) (ᑑᐱ, ᐊᓯᖏᓪᓗ., 2007). ᑲᓐᓄᖃᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᑦ ᑰᓪᓚᑕᓐ ᓖᒃ ᑕᓯᐊᓂ ᐊᒻᒪᓗ ᐊᐳᑦᑎᓐᓇᖅᑑᒥ, ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓯᒪᕗᑦ 3.1 M oz-ᓂᒃ. ᒫᓐᓇᐅᔪᖅ ᑲᓐᓄᖃᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᖕᒋᑦ ᐃᕐᑲᓗᓕᐊᓛᕐᒥ ᐊᒻᒪᓗ ᕖᐅᑉ ᑎᐅᑉᒥ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓯᒪᓂᐊᕋᓱᒋᔭᐅᔪᑦ ᐅᖓᑖᓄᐊᖅᓯᒪᔪᓂᒃ 10.0 M oz-ᓂᑦ ᐊᒻᒪ ᐅᔭᕋᒃᑕᕆᐊᕐᕖᑦ ᐱᓕᕆᕝᕕᐅᓯᒪᓂᐊᕋᓱᒋᔭᐅᔾᔪᑎᒃ ᑎᑭᓪᓗᒋᑦ ᐊᑐᓕᖅᓂᖕᒋᓐᓄᑦ ᐅᑭᐅᖕᒋᑦ 2040-ᖕᒋᓐᓄᑦ. ᐱᓕᕆᓂᐅᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᐅᖁᒪᐃᓐᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᔾᔪᑎᐅᓯᒪᔪᑦ ᐊᑐᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖁᑎᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᕗᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᐊᒻᒪᓗ 2.

2.2 ᓴᕕᒃᓴᕐᓂᒃ ᐱᓕᕆᔾᔪᓯᐅᕙᖕᓂᐊᖅᑐᑦ (ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ 2)

ᐅᑯᔪᐊᓗᖕᒥ (Volcanic) ᐊᖏᔪᒻᒪᕆᖕᒥᒃ Sulphide-ᖑᓂᕋᖅᑕᐅᑉᓗᓂ (VMS) ᓄᓇ ᐱᑕᖃᕐᓂᖃᖅᐸᒃᑐᑦ ᐅᒃᑯᓯᒃᓴᓂᒃ ᐅᔭᖅᑲᓂᒃ ᐱᑕᖃᕐᕕᐅᔪᓂ ᑲᓇᑕᒥ ᐊᒻᒪᓗ ᓯᓚᕐᔪᐊᓕᒫᒥᐸᑕᐅᖅ. ᑕᒪᒃᑯᐊ ᐱᑕᖃᕐᓂᐅᔪᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓂ ᐅᔭᖅᑲᑦ ᖃᓄᐃᓕᖅᐸᓪᓕᐊᓂᖕᒋᓐᓄᑦ ᐊᐅᓚᑕᐅᓐᓂᖃᖅᑐᓂ, ᐱᑕᖃᓕᖅᐸᒃᑐᑦ ᐅᑯᔪᐊᓗᖕᒥᑦ ᐅᔭᕋᕐᑯᑎᐅᔪᓂ, ᑭᓐᓂᑕᕐᓂ ᐅᔭᖅᑲᓂ. ᑕᒪᒃᑯᐊᐊ ᓲᕐᓗ ᕿᙵᒍᑎᒋᔭᐅᔪᓪᓗᑎᒃ ᖃᐅᔨᒪᔾᔪᑎᐅᕙᒃᐳᑦ ᐱᑕᖃᕋᖓᑕ ᐊᖏᔪᐊᓗᖕᒥᒃ sulphide-ᖃᕐᓂᖕᒋᑦ ᐅᔭᖅᑲᓄᑦ ᒪᑯᓄᖓ ᐸᐃᕋᐃᑦ, ᑭᐊᓪᑳᐱᕋᐃᑦ ᐊᒻᒪᓗ ᓯᕙᓗᕋᐃᑦ (ᑑᐱ, ᐊᓯᖏᓪᓗ 2007). ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᓇᓗᓇᐃᑦᑐᒥᒃ ᐱᑕᖃᒃᑲᓐᓂᕐᓂᐅᔪᖕᓇᕐᒥᔪᖅ ᖃᑯᓪᓕᕐᒥᒃ, ᑲᓐᓄᖃᒥᒃ ᐊᒻᒪᓗ ᓴᕕᕋᔭᒃᓴᒥᒃ ᐊᒻᒪᓗ ᐱᒻᒪᕆᐅᑎᐅᒋᓪᓗᑎᒃ ᐅᔭᕋᒃᑕᖃᕐᒥᓗᓂ, ᓲᕐᓗ ᒫᓪᓕᐊᒻ, ᔫᕐᒫᓂᐊᒻ, ᐃᓐᑎᐊᒻ ᐊᒻᒪᓗ ᑎᓐ, ᑮᓇᐅᔭᓕᐅᓕᕐᕕᐅᔪᖕᓇᖅᑐᓂᒃ.

ᐅᖓᑖᓄᑦ 100-ᓂᑦ ᐅᑯᔪᐊᓗᖕᒥᑦ (Volcanic) Sulphide-ᖑᓂᕋᖅᑕᐅᑉᓗᓂ (VMS) ᐱᑕᖃᕐᒪᑦ ᖃᐅᔨᒪᔭᐅᔪᓂᒃ ᑲᖏᖅᓱᓂᕐᒥ-ᐊᕼᐃᐊᕐᒥᐅᓂ (REGB) (ᒫᕝ ᐊᒻᒪᓗ ᑰᕐᕕᐊᑦ, 1999) ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ. ᐊᖏᓂᖅᐸᐅᑉᓗᓂ ᐱᑕᖃᕐᓂᖓ VMS-ᒥᒃ ᓇᓂᔭᐅᓯᒪᖓᑦ ᐅᑉᓗᒥᒧᑦ ᑎᑭᓪᓗᒍ ᕼᐃᓂᖓ ᒫᒥᒃᓴᒥᒃ. ᑕᐃᒪᙱᓂᑐᖃᒥᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᖅᑐᓂᒃ ᐱᑕᖃᕐᒪᑦ ᓇᓚᐅᑦᓵᖅᑕᐅᓯᒪᑉᓗᑎᒃ 5.0 Mt-ᓂᒃ ᐃᓚᖃᕐᓗᒍ 8.5%-ᒥᒃ ᐃᖅᑲ, 0.2%-ᒥᒃ ᑲᓐᓄᔭᖅᑲ, 110.0 g/t-ᒥᒃ ᖃᑯᓪᓕᖅᑲ ᐊᒻᒪᓗ 1.0 g/t-ᒥᒃ ᑲᓐᓄᖃᖅᑲ (ᒫᕝ, 1996). ᐱᓕᕆᓂᐅᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᐅᖁᒪᐃᓐᓂᖕᒋᓐᓄᑦ ᐱᓕᕆᔾᔪᑎᐅᓯᒪᔪᑦ ᐊᑐᓂ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᖁᑎᑦ ᖃᓕᓈᓕᖅᓯᒪᓂᖕᒋᓐᓄᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᕗᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 1 ᐊᒻᒪᓗ 2.

2.3 ᓯᑎᓂᖅᐹᑦ ᐅᔭᕋᒃᓯᐅᕐᓂᕐᒧᑦ ᐱᓕᕆᔾᔪᓯᐅᓂᐊᖅᑐᑦ (ᓇᓗᓇᐃᖅᑕᐅᓯᒪᔪᑦ 2)

ᐱᑕᖃᕐᒪᑦ ᓯᑎᓂᖅᐹᖅ ᐅᔭᕋᕐᑲᖅᑐᓂᒃ ᑭᒻᐳᕐᓚᐃᓂᒃ ᑲᖏᖅᓱᓂᕐᒥ-ᐊᕼᐃᐊᕐᒥᐅᓂ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐅᕐᔪᐊᖅᐳᖅ (REGB) ᖃᓂᒋᔭᖓᓂ ᑲᖏᖅᓱᓂᐅᑉ ᐊᒻᒪᓗ ᓂᒋᐊᓂ ᖃᒪᓂᑐᐊᑉ. ᒪᕐᕉᒃ ᑭᒻᐳᕐᓚᐃᑦᓂᒃ ᐱᑕᖃᕐᕕᐅᔪᑦ ᐱᑕᖃᕐᒪᑕ ᑲᓐᓂᑎᓐ ᐱᓐᓯᕐᓴᑦ ᓄᓇᕐᑯᑎᖓᓂ ᖃᓂᒋᔭᖓᓃᑦᑐᒥ ᑲᖏᖅᓱᓂᐅᑉ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᐅᖅᑐᒥ ᑲᑎᓪᓗᒋᑦ ᐅᕐᑯᒪᐃᓐᓂᖃᖅᑐᓂᒃ 3,987,000-ᓂᒃ ᑕᓐᓴᓂᒃ ᐱᑕᖃᖅᑐᓂ 1.01 ᑭᐊᕋᑦᓂᒃ ᐊᑐᓂ ᑕᓐᓄᑦ (cpt) ᒥᑭᑦᑑᑉᓗᓂ ᐅᔭᕋᒃᑕᖃᕐᓂᐅᔪᒧᑦ ᐱᑕᖃᕐᑐᓂ 4,018,000 ᑭᐊᕋᕐᓂᒃ. ᑖᑉᑯᐊ ᐃᓗᐊᐊᓃᓪᓗᑎᒃ ᐅᔭᖅᑲᓂ ᐊᖏᓂᖏᑦ ᒥᑭᓗᐊᕐᒪᑕ ᐊᑐᕐᓂᖃᕋᔭᕐᑐᒥᒃ ᓯᑎᓂᖅᐹᒥᒃ ᐅᔭᖅᑲᒥᒃ

ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᕋᔭᕐᓂᖏᑦ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᒫᓐᓇᐅᔪᒥ ᑐᓴᒐᒃᓴᕐᑯᑎᒋᔭᐅᔪᑦ ᐱᑕᕐᑳᓂᙱᑦᑐᑎᒃ ᖃᐅᔨᒪᔭᐅᓕᐊᓂᒃᑐᓄᑦ ᑭᒻᐳᕐᓚᐃᓐᑕᕐᑲᕐᓂᕐᓂ. ᑭᓯᐊᓂᓗ, ᑭᒻᐳᕐᓚᐃᑦᑕᕐᑲᕐᓂᐅᔪᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᒋᕗᑦ ᕿᓂᕐᕕᐅᓯᒪᓕᕈᖕᓇᕐᓂᖕᒐᑕ ᓯᑎᓂᖅᐹᓂᒃ ᐅᔭᖅᑲᓂᒃ ᐱᑕᕐᑲᒃᑲᓐᓂᕆᐊᖕᒐᓄᑦ ᐃᓗᐊᓂ ᑲᖏᖅᑮᓂᖅ-ᐊᕼᐃᐊᕐᒥᐅᑦ ᐅᒃᑯᓯᒃᓴᓂᒃ ᐅᔭᕋᒃᑕᕐᑲᕐᕕᒋᔭᐅᔪᒥ (REGB).

3.0 ᐅᔭᕋᖕᓂᐊᕐᕕᐅᔪᓐᓇᕋᔭᖅᑐᓂ ᖃᐅᔨᔭᐅᓯᒪᓕᕐᓂᖏᑦ

ᖃᐅᔨᒪᓂᐅᔪᑎᒍᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐱᓕᕆᔾᔪᓯᐅᓇᔭᖅᑐᑦ ᓇᓚᐅᑦᓵᖅᓯᒪᖕᒪᑕ 100%-ᖕᒋᑦ ᒫᓐᓇᐅᔪᒥ ᐊᒻᒪᓗ ᑲᓐᓄᕐᑲᒥᒃ ᐱᑕᕐᑲᕐᓂᐅᓯᒪᔪᓄᑦ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔭᐅᑉᐳᑎᒃ ᓴᕕᕋᔭᒃᓴᖅᑕᕐᑲᕐᓂᖕᒋᓐᓄᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ (ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1; ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 3). ᓈᒻᒪᒃᑐᒥᒃ ᖃᐅᔨᔭᐅᓯᒪᓕᕐᓂᖕᒋᑦ ᑖᒃᑯᐊ ᐱᓕᕆᔾᔪᓯᐅᔪᖕᓇᖅᑐᓂᑦ ᐊᑐᖅᑕᐅᓚᐅᕐᒪᑕ ᓇᓗᓇᐃᔭᐃᓂᕐᒥ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ ᓄᓇᓂᒃ ᕿᑎᖅᐸᓯᐊᓂ ᐊᒻᒪᓗ ᖁᑦᑎᒃᑐᒥᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ ᐃᓗᐊᓂ. ᐱᓗᐊᖅᑐᒥᒃ, 50 ᑭᓗᒦᑕᐃᑦ ᐊᒻᒪᓗ 100 ᑭᓗᒦᑕᐃᑦ ᑭᒡᓕᒋᔭᐅᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᑕ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓃᑦᑐᓂᒃ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑯᓂ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᐅᔪᒥᑦ.

ᑕᒪᓐᓇ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᖃᐅᔨᒋᐊᕐᓂᐅᔪᖅ ᓇᓗᓇᐃᖅᓯᓯᒪᓕᕈᑎᐅᓚᐅᕐᒪᑦ ᑕᓪᓕᒪᓂᒃ (5) LG-ᓂᒃ ᐱᑕᕐᑲᕐᓂᖕᒐᑕ, ᐊᑕᐅᓯᕐᒥᒃ (1) VMS-ᓂᒃ ᐊᒻᒪᓗ ᒪᕐᕉᖕᓂᒃ (2) ᓯᑎᓂᖅᐹᖅ ᐅᔭᕋᒃᑕᕐᑲᕐᓂᖕᒋᓂᒃ ᑐᕌᕐᕕᐅᓯᒪᐸᓗᑎᒃ ᐊᕙᑎᒋᔭᐅᔪᓂᒃ 50 ᑭᓗᒦᑕᐃᑦ ᐊᒻᒪᓗ 100 ᑭᓗᒦᑕᐃᑦ ᑭᒡᓕᒋᔭᐅᔪᑦ ᐊᕙᑎᒋᔭᖕᒋᑕ ᐃᓗᐊᓃᑦᑐᓂᒃ ᐃᓱᒪᓕᐅᕈᑎᐅᓯᒪᔪᓃᑦᑐᓂᒃ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑯᓂ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᐅᔪᒥᑦ (ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 3).

4.0 ᐃᓱᓕᔾᔪᑎᖕᒋᑦ

ᐱᔾᔪᑎᒋᐸᓗᒍ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐ ᐱᑕᕐᑲᕐᓂᖕᒐᑕ ᐊᖏᓂᖅᐸᐅᔪᓂᒃ ᑐᒡᓕᕆᔭᐅᑉᐳᓂ ᐅᒃᑯᓯᒃᓴᕐᑲᕐᓂᖕᒐᓄᑦ ᑲᓇᑕᒥ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᒥ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᕐᕕᐅᓪᓗᐊᖅᓯᒪᙱᓐᓂᖕᒐᑕ, ᒥᒃᓯᖃᕐᓯᐊᖅᑐᒥᒃ ᐃᓱᒪᒋᔭᐅᓕᕈᖕᓇᕐᒪᑦ ᓇᓂᓯᓯᒪᓕᕐᕕᐅᔪᖕᓇᕐᓂᖕᒐᑕ ᓄᑖᓂᒃ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᔪᖕᓇᖅᑐᓂᒃ ᑲᓐᓄᕐᑲᓂᒃ ᐊᒻᒪᓗ ᓴᕕᕋᔭᒃᓴᓂᒃ ᐱᓕᕆᓂᕐᑲᕐᕕᐅᓕᕐᓂᐊᕐᒪᑦ ᖁᓕᑦ (10) ᐊᒻᒪᓗ ᐊᕙᑎᑦ (20) ᐅᑭᐅᑦ ᐃᓗᐊᓂ. ᓇᓂᔭᐅᓯᒪᓕᕈᖕᓇᕐᒥᔪᑦ ᐊᓯᖕᒋᑦ ᐱᑕᕐᑲᕐᒥᔪᓂᒃ, ᓱᕐᓗ ᓯᑎᓂᖅᐹᖅ ᐅᔭᖅᑲᓂᒃ ᐊᒻᒪᓗ REE-ᒥᒃ ᓇᓂᓯᓯᒪᓕᕐᕕᐅᔪᖕᓇᕐᓯᐊᕐᒥᔪᖅ.

ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᕐᒪᖕᒑᑦ ᖃᐅᔨᒋᐊᖅᑕᐅᑉᐳᓂ ᐱᓕᕆᓂᐅᓯᒪᔪᖅ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓄᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓕᓚᐅᕐᒪᑦ ᒫᓐᓇᐅᔪᖅ ᑲᓐᓄᕐᑲᒥᒃ (LG) ᐊᒻᒪᓗ VMS-ᒥᒃ ᐱᑕᕐᑲᕐᓂᖕᒐᑕ. ᐱᔾᔪᑎᒋᐸᓗᒍ ᓈᒻᒪᒃᑐᒥᒃ ᖃᐅᔨᔭᐅᓯᒪᓕᓚᐅᕐᓂᖕᒐᑕ ᑕᒪᒃᑯᐊ ᐱᓕᕆᔾᔪᓯᐅᔪᖕᓇᖅᑐᑦ ᐊᑐᖅᑕᐅᓚᐅᖅᐳᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᐅᐸᓗᑎᒃ ᕿᑎᖅᐸᓯᐊᓂ ᐊᒻᒪᓗ ᖁᑦᑎᒃᑐᒥᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᖅᑐᓄᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ ᐃᓗᐊᓂ.

ᒥᒃᓯᖃᕐᓯᐊᖅᑐᒥᒃ ᐃᓱᒪᒋᔭᐅᓕᕈᖕᓇᕐᒪᑦ ᐱᔾᔪᑎᒋᐸᓗᒍ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᑕ ᐱᑕᕐᑲᕐᓂᖕᒐᑕ ᐊᖏᓂᖅᐸᐅᔪᓂᒃ ᑐᒡᓕᕆᔭᐅᑉᐳᓂ ᐅᒃᑯᓯᒃᓴᕐᑲᕐᓂᖕᒐᓄᑦ (REGB) ᑲᓇᑕᒥ, ᓇᓂᓯᕝᕕᐅᓯᒪᓕᕈᖕᓇᕐᓂᖕᒐᑕ ᑲᓐᓄᕐᑲᒥᒃ ᖁᓕᑦ ᐅᑭᐅᑦ ᐊᑐᖅᐸᓪᓕᐊᓂᖕᒋᓐᓂ. ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᑲᖏᖅᑮᓂᕐᒥ-ᐊᕼᐃᐊᕐᒥᐅᓂ ᐅᒃᑯᓯᒃᓴᖅᑕᕐᑲᕆᐊᖕᒐᓂᒃ (REGB) ᕿᓂᕐᕕᐅᓗᐊᖅᓯᒪᖕᒋᒻᒪᓪᓕ ᐃᓱᒪᒋᐸᓗᒍ ᐃᐊᓪᓘᕐᑕᒥ ᐅᒃᑯᓯᒃᓴᖅᑕᕐᑲᕆᐊᖕᒐᓂᒃ (AGB) ᕿᓂᕐᕕᐅᓯᒪᓂᖕᒐᓄᑦ, ᐃᓚᒋᐊᕈᑎᐅᐸᓗᓂ ᐊᖏᔪᒥᒃ ᓈᒻᒪᒃᑐᒥᒃ ᑮᓇᐅᔭᓕᐅᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᓇᓂᓯᓯᒪᓕᕈᖕᓇᕐᓂᕐᒧᑦ.

ᓴᖅᑭᖅᑎᑦᓯᓯᒪᑦᓯᐊᕐᓂᖅ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ (ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4, 5 ᐊᒻᒪᓗ 6) ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᖕᓂᖕᒋᓄᑦ ᓇᓗᓇᐃᔭᐅᑎᓂᒃ ᑐᒃᑐᓄᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᑉᐳᑎᒃ ᓄᓇᕗᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᓂ ᐊᖅᑯᑎᓕᐅᕐᓯᒪᓕᕈᒪᓂᕐᒧᑦ (DNLUP) ᐱᑕᖅᑎᑦᓯᓯᒪᕗᑦ ᐃᑎᕐᕕᐅᓯᒪᓕᕈᖕᓇᖅᑐᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐊᖏᔪᒥᒃ ᑭᒡᓕᖅᑎᑕᐅᓯᒪᑉᐳᑎᒃ ᐊᕙᑎᒋᐅᔪᓄᑦ. ᑐᑭᓯᐅᒪᔭᐅᔭᕆᐊᖅᑲᕐᒪᑦ ᐱᓕᕆᓂᖅᑲᕐᕕᐅᓕᐊᓂᒃᑐᒧᑦ ᐊᖅᑯᑎᑦ ᐊᑐᖅᐸᒐᔭᖅᑐᓂᒃ ᐊᑭᓖᕙᒃᓗᑎᒃ ᐃᑯᒻᒪᕐᑯᑎᒃᓴᕐᑯᑎᐅᔪᓂᒃ ᐊᒻᒪᓗ ᓴᕕᒐᐅᔭᕋᓛᑎᒍᑦ ᐱᔾᑦᓯᕋᕈᑎᓂᒃ ᐱᑕᖅᑎᑕᐅᔪᒪᓂᐊᖅᑐᓂᒃ ᐱᑕᖅᑲᐊᖅᑲᕐᓂᐊᕐᒪᑦ. ᐱᓯᒪᔭᓇᐊᖅᑲᕐᓂᐊᕐᒪᑦ, ᐃᓚᒋᔭᐅᓗᑎᒃ ᑭᕙᓪᓕᕐᒥ ᓄᓇᒋᔭᐅᔪᓂᑦ, ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᔪᓂᒃ, ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᖅᑎᒍᑦ ᐱᓕᕆᓂᐅᔪᓂᒃ, ᓱᕐᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᐅᔭᕋᒃᑕᕆᐊᓂᒃᓗ, ᑮᓇᐅᔭᓕᐅᕐᓂᕐᒥ ᐃᖏᕋᔾᔪᑎᐅᓗᐊᕐᓂᖅᓴᐅᓇᔭᖅᑐᓂᒃ ᑕᐃᒪᓐᓇᐃᑦᑐᒥᒃ ᓴᓇᓯᒪᓕᕐᓂᐊᖅᐸᑕ. ᒫᓐᓇᐅᔪᒥ ᓄᓇᒋᔭᐅᔪᑦ ᐊᒻᒪᓗ ᒫᓐᓇᐅᔪᖅ

ᐊᑕᐅᓯᖅ ᐅᔭᕋᒃᑕᕆᐊᓂᑦ ᐱᓕᕆᓂᐅᔪᖅ (ᓲᕐᓗ ᐃᖃᓗᓕᐊᑖ) ᓈᒻᒪᒃᑐᑎᒍᑦ ᑮᓇᐅᔭᐃᑦ ᐊᑐᖅᑕᐅᕙᓪᓕᐊᓂᖏᓐᓄᑦ ᓈᒻᒪᖃᑦᑕᖏᑐᐃᓐᓇᕆᐊᖃᕐᒪᑦ ᐊᖅᑯᑎᖃᓕᖅᓯᒪᓂᕐᒧᑦ ᑮᓇᐅᔭᕐᑯᑎᒃᓴᖃᖅᑎᑦᓯᔭᕆᐊᖃᕐᓂᐅᓂᐊᖅᑐᓄᑦ ᐊᒻᒪᓗ ᓴᓇᓯᒪᓕᕆᐊᒃᓴᒧᑦ. ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᖃᑦᑕᕐᓂᐅᔪᑦ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᑦ ᐱᓕᕆᓂᖃᕈᓐᓇᖅᑎᑕᐅᓯᒪᕐᑯᐸᓗᒋᑦ ᑭᒡᓕᒋᔭᖏᑕ ᐃᓗᐊᓂ ᐊᖅᑯᑎᓕᐊᖑᓯᒪᔪᒥᑦ ᐱᑦᔪᑎᒋᓗᒋᑦ ᑮᓇᐅᔭᑎᒍᑦ ᑐᙵᕝᕕᒋᔭᐅᔪᓐᓇᕐᓂᐊᕐᒪᑕ ᑕᒪᒃᑯᐊ ᐊᒻᒪᓗ ᓯᕗᓂᕐᒥ ᓴᓇᓯᒪᓕᕐᓂᒃᓴᓄᑦ.

ᐊᒻᒪᓗᒃᑲᓐᓂᖅ, ᑭᒡᓕᕐᑲᖅᑎᑕᐅᓯᒪᐸᓗᑎᒃ ᐊᑐᖅᑕᐅᕙᖕᓂᐅᔪᑦ ᓇᓗᓇᐃᖅᑕᐅᓯᒪᓂᖏᑦ 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᐱᓕᕆᓂᕐᑲᕐᕕᐅᓕᐊᓂᒃᑐᒥ ᐊᖅᑯᑎᓕᐅᕈᒪᓂᐅᔪᓄᑦ ᐸᕐᓇᐅᑎᑦ (2021 DNLUP) ᐊᑭᓕᐅᑎᒃᓴᕐᑲᖅᑎᑦᓯᓂᐊᕐᒪᑕ 45.70%-ᒥᒃ ᓄᓇᐅᑉ ᖁᖕᒐᓂ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒐᓐᓄᑦ ᐊᒻᒪᓗ 56.76%-ᖑᔪᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᓄᑦ ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖕᒋᓐᓄᑦᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ. ᑕᒪᒃᑯᐊ ᐳᕐᓴᓐᑎᖕᒋᑎᒍᑦ ᖁᑦᓯᒃᑐᒻᒪᕆᐅᓂᕆᔭᖕᒋᑦ ᑕᑯᒃᓴᐅᑎᑦᓯᓯᒪᕗᑦ ᓄᕈᐸᖅᑖᓯᒪᓂᐅᔪᓄᑦ ᐅᔭᕋᖕᓂᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᑦ ᐊᕙᑎᒋᔭᖕᒋᓐᓂᒃ ᐅᒃᑯᓯᒃᓴᖃᕐᕕᐅᔪᓄᑦ ᐃᓄᖕᓂᑦ ᐊᖏᕐᑲᑎᒌᒐᓱᐊᖅᑎᐅᔪᓂᑦ ᓄᓇᓕᕆᓂᕐᒥ ᐊᖏᕈᑎᖕᒋᓄᑦ (LCA). LCA-ᖑᔪᑦ ᓂᕆᐅᖕᓂᖃᕐᒪᑕ ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᕐᓂᖃᓕᕈᖕᓇᕐᓂᐅᓂᐊᖅᑐᓂᒃ ᓂᕈᐊᖅᑖᓯᒪᓕᓚᐅᕋᒥᒃ ᑕᒪᒃᑯᓂᖓ ᐃᓄᐃᑦ ᓄᓇᖏᓐᓂᒃ (IOL), ᑐᑖᕐᕕᒃᓴᖃᖅᑎᓯᒪᐸᓗᑎᒃ ᑮᓇᐅᔭᑎᒍᑦ ᐃᑲᔪᕐᓂᖃᓕᕈᒫᕐᓂᖏᓐᓂᒃ ᓯᕗᓂᕐᒥ ᐃᓅᓕᕈᒫᖅᑐᓄᑦ ᓄᓇᕗᒻᒥᐅᑕᓄᑦ. 2021-ᒥ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ (2021 DNLUP) ᐊᖏᔪᐊᓗᖕᒥᒃ ᐊᑦᑕᓇᖅᑎᑎᓴᑎᑦᑎᒥᐊᕐᓴᑕ ᑮᓇᐅᔭᓕᐅᓕᕐᕕᐅᔪᖕᓇᕋᔭᖅᑐᓂᒃ.

5.0 ᐃᓱᒪᓕᐅᕈᑎᑦ ᐊᑐᓕᕐᑯᔭᐅᐸᓗᑎᒃ

ᐃᓱᒪᓕᐅᕈᑕᐅᕗᖅ ᖃᐅᔨᔭᐅᓯᒪᓕᖅᑐᑦ ᑕᕝᕙᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᖃᐅᔨᒋᐊᕐᓂᕐᒥᑦ ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖕᒐᓂ ᐊᑐᖅᑕᐅᕐᑯᐸᓗᒋᑦ ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᔨᑦ ᑲᒪᔨᖏᓐᓂᑦ (NPC) ᐱᐅᓂᖅᓴᑎᒍᑦ ᐃᓱᒪᓕᐅᖅᓯᒪᓕᕈᖕᓇᕐᑯᐸᓗᒋᑦ ᐊᒃᑐᐃᓱᒪᓕᕐᓂᐊᕐᓂᖏᑕ ᑖᒃᑯᐊ ᐆᒃᑐᕋᐅᑎᓕᐊᖑᓯᒪᐸᓗᑎᒃ ᓄᓇᕗᑦ ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᑐᓄᑦ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ (DNLUP) ᐅᔭᕋᒃᑕᕆᐊᕐᕕᒃᓴᓂᒃ ᕿᓂᖅᐸᖕᓂᕐᓄᑦ, ᐅᔭᕋᒃᑕᕆᐊᕐᓂᕐᓄᑦ, ᐱᓕᕆᓂᖃᕐᕕᐅᓕᐊᓂᒃᓱᑎᒃ ᐊᖅᑯᑎᓕᐅᖅᓯᒪᓕᕈᒪᓂᕐᓄᑦ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓂᒃ ᐱᕙᓪᓕᐊᑎᑦᓯᓂᐅᔪᓂᒃ.

6.0 ᓇᑭᑦ ᖃᐅᔨᒋᐊᕐᕕᒃᓴᕐᑯᑎᑖᖅᓯᒪᓂᖏᑦ

ᓄᓇᒥᒃ ᖃᐅᔨᓴᐃᓂᖃᕐᓂᕐᒥ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᐊᑐᖅᑕᐅᓯᒪᔪᑦ (ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ 4 ᐊᒻᒪᓗ 5) ᑭᕙᓪᓕᕐᒥ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᖃᐅᔨᒋᐊᕐᓂᕐᒥ ᐱᔭᐅᓯᒪᓕᓚᐅᕐᒪᑕ ᒫᓐᓇᐅᔪᖅ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓂᑦ ᑭᒃᑯᑐᐃᓐᓇᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᑦ ᐊᒻᒪᓗ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᖑᓯᒪᔪᓂᑦ ᑲᓇᑕᒥ ᓄᓇᒥᙱᖅᑐᓕᕆᔨᒃᑯᓐᓂᑦ (NRCAN), ᑲᓇᑕᒥ ᓄᓇᒥᒃ ᖃᐅᔨᓴᐃᔨᖏᓂᑦ (GSC) ᐊᒻᒪᓗ ᓄᓇᕗᒻᒥ ᓄᓇᒥᒃ ᖃᐅᔨᓴᐃᓂᓕᕆᔨᒃᑯᑦ ᐊᓪᓚᕝᕕᖓᓐᓂᑦ.

7.0 ᖃᐅᔨᒋᐊᕐᕕᐅᓯᒪᔪᑦ

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ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖕᒋᑦ 1: Layer Weighting Summary

ᖃᓕᓈᓕᖅᓯᒪᔪᑦ	ᐅᕐᑯᒪᐃᓐᓂ -ᖕᒋᑦ	ᐃᓗᓕᕆᔭᖕᒋᑦ
ᐅᔭᕋᒃᑕᕆᐊᕐᕕᑦ	1	ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᑦ ᒫᓐᓇ ᐊᒻᒪ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓚᐅᖅᑐᑦ; ᐊᖕᒋᔪᒥᒃ ᕿᓂᕐᓂᐅᔾᔪᑎᒃ ᐱᓕᕆᓂᐅᔪᑦ.
ᓇᓂᓯᕝᕕᐅᕐᑲᑦᑕᕐᓂᖕᒋᑦ	0.9	ᕿᓂᕐᕕᐅᕐᑲᑦᑕᖅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᕿᓂᕐᕕᐅᓕᖅᓯᒪᔪᑦ, ᑐᕌᕐᕕᐅᔪᑦ ᓴᕕᕋᔭᒃᓴᐃᑦ, ᐱᓕᕆᐊᖑᔪᑉ ᓯᕗᒻᒧᒋᐊᖅᓯᒪᓂᖓ.
ᐅᔭᖅᑲᑦ	0.8	ᑲᓐᓄᕐᑲᖅ, ᑲᓐᓄᔭᖅ ᐊᒻᒪᓗ ᔨᖕᑲ ᑲᑎᑕᐅᓯᒪᔪᓃᑦᑐᑦ ᐅᔭᕋᓕᕆᓂᕐᒥ.
ᑭᓂᖅᑕᑦ	0.7	ᑲᓐᓄᕐᑲᖅ, ᑲᓐᓄᔭᖅ ᐊᒻᒪᓗ ᔨᖕᑲ ᑲᑎᑕᐅᓯᒪᔪᓃᑦᑐᑦ ᓯᑯᐊᓗᖕᒥᑦ ᑭᓂᖅᑕᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂ, ᓇᓗᓇᐃᕆᐊᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ ᑭᓂᖅᑕᑦ ᐱᑕᖃᕐᓂᖕᒋᑦ.
ᐊᖕᒋᔫᑎᑦ ᓴᓇᔭᐅᓯᒪᔪᑦ	0.6	ᐊᖕᒋᔫᑎᐅᔾᔪᑎᒃ ᓴᓇᔭᐅᓯᒪᓂᐅᔪᑦ ᓄᓇᒥ ᐅᔭᕋᓕᕆᓂᕐᒥ, ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᐅᔪᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᓐᓇᖅᑐᓄᑦ.
ᓯᓚᒥ ᓂᐱᑦᑕᕐᓂᖅᑲᕐᓃᑦ	0.5	ᓂᐱᑦᑕᕐᓂᖅᑲᕐᓂᖕᒋᑕ ᖁᑦᓯᖕᓂᕆᔭᐅᔪᑦ ᐊᑕᐅᑦᓯᒃᑰᖅᑲᑎᖅᑲᕋᔪᖕᓂᖕᒋᑦ ᐅᔭᕋᖕᒍᖅᓯᒪᓕᕐᕕᖕᓂᒃ ᐱᑕᖃᓕᕐᓂᐅᔪᓄᑦ.
ᐅᕐᑯᒪᐃᓐᓂᖅᑲᕐᓂᐅ -ᔪᑦ	0.4	ᐅᕐᑯᒪᐃᓐᓂᐅᔪᑦ ᑕᐃᒪᐅᓂᖕᒋᑦ ᖁᑦᓯᒃᑑᔾᔪᑎᒃ, ᐱᓗᐊᖅᑐᒥᒃ ᖁᑦᓯᖕᓂᕆᔭᖕᒋᑕ ᑭᒡᓕᒋᔭᖕᒋᓐᓂ
ᓄᓇᓕᕆᓂᖅ	0.3	ᓄᓇᒥ ᐅᔭᕋᓕᕆᓂᐅᔪᑦ ᐅᕐᑯᒪᐃᓐᓂᖅᑲᓕᖅᑎᑕᐅᓯᒪᔪᑦ ᐱᑕᖃᕐᓂᖕᒋᓐᓂᑦ ᑮᓇᐅᔭᓕᐅᓕᕐᕕᐅᔪᖕᓇᕐᓗᑎᒃ ᐱᑕᖃᕐᓂᐅᔪᓂᑦ.

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 2: ᓄᓇᐅᑉ ᐃᓗᐊᓂᑦ ᐅᖁᒪᐃᓐᓂᖏᓐᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓂᖏᑦ ᓇᐃᒡᓕᒋᐊᕐᓯᒪᔪᑦ

ᖃᓕᓈᖕᓂᐅᔪᓂᑦ	ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᑦ	ᐊᕙᑎᓕᐊᓇᔭᐅᓯᒪᔪᓂᑦ ᐅᖓᓯᖕᓂᖏᑦ (ᑭᓗᒦᑕᓂ/km)	ᐊᕙᑎᓕᐊᓇᔭᐅᓯᒪᔪᑦ ᐃᖁᒪᐃᓐᓂᖏᑦ	ᓄᓇᐅᑉ ᐃᓗᐊᓃᑦᑐᑦ ᐅᖁᒪᐃᓐᓂᖏᑦ	ᖃᓕᓈᖕᓂᐅᔪᓂᑦ ᐅᖁᒪᐃᓐᓂᖏᑦ
ᐅᔭᕋᒃᑕᓇᐊᖁᑦ	ᐅᔭᕋᒃᑕᓇᐊᖁᐅᔪᑦ ᒫᓐᓇ ᐊᒻᒪ ᐅᔭᕋᒃᑕᓇᐊᖁᐅᓚᐅᖅᑐᑦ	5, 10, 25, 50	1, 0.75. 0.5, 0.25	1	
ᐅᔭᕋᒃᑕᓇᐊᖁᑦ	ᓯᕗᒻᒧᒋᐊᖅᓯᒪᕐᔪᐊᖅᑐᑦ ᕿᓂᕐᓂᐅᔪᑦ ᐱᓕᓇᐊᖑᔪᑦ	5, 10, 25, 50	1, 0.75. 0.5, 0.25	0.7	1
ᓇᓂᓯᖕᖁᐅᖃᑦᑕᕐᓂᖏᑦ	Au, Cu, Zn ᐱᔭᐅᓯᒪᓕᕈᒪᔪᑦ	1, 2.5, 5, 10, 25	1, 0.8, 0.6, 0.4, 0.2	1	
ᓇᓂᓯᖕᖁᐅᖃᑦᑕᕐᓂᖏᑦ	ᐱᔭᐅᓯᒪᓕᕈᒪᔪᑦ ᐅᑯᐊᖑᓇᑎᒃ Au, Cu, Zn	1, 2.5, 5, 10, 25	1, 0.8, 0.6, 0.4, 0.2	0.5	
ᓇᓂᓯᖕᖁᐅᖃᑦᑕᕐᓂᖏᑦ	ᓯᕗᒻᒧᒋᐊᖅᓯᒪᓂᖓ ᕿᓂᕐᓂᐅᔪᑦ ᐃᑰᑕᕐᓗᑎᒃ ᐱᓕᓇᓂᐊᓕᖁᒃᓴᒧᑦ	1, 2.5, 5, 10, 25	1, 0.8, 0.6, 0.4, 0.2	1.5	0.9
ᐅᔭᖅᑲᑦ	ᐳᖅᑕᐅᓯᒪᖕᖁᖕᓄᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᓂᖏᑦ Au, Cu, Zn ᐃᓛᒃᑰᖓᑉᓗᑎᒃ ᖃᐅᔨᓴᒐᒃᓴᖁᑎᓂᑦ	2km-ᓗᐊᒥᒃ ᕿᓂᕐᓂᖓᑕ ᐅᖓᓯᖕᓂᖓ	n/a	1	0.8
ᑭᓂᖅᑕᑦ	ᐳᖅᑕᐅᓯᒪᖕᖁᖕᓄᑦ ᐃᓕᐅᖅᑲᖅᑕᐅᓂᖏᑦ Au, Cu, Zn ᐃᓛᒃᑰᖓᑉᓗᑎᒃ ᖃᐅᔨᓴᒐᒃᓴᖁᑎᓂᑦ	2km-ᓗᐊᒥᒃ ᕿᓂᕐᓂᖓᑕ ᐅᖓᓯᖕᓂᖓ	n/a	1	
ᑭᓂᖅᑕᑦ	ᐊᔾᔨᒋᔭᐅᙱᑦᑐᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓕᓚᐅᖅᑐᑦ 1990-ᐃᑦ ᐊᑐᖅᑎᓪᓗᒋᑦ ᕿᓂᕐᓂᐅᔪᓂᑦ	1.25, 2.5, 5, 10	1, 0.75. 0.5, 0.25	0.4	0.7
ᐊᖏᔫᑎᐅᑉᓗᑎᒃ ᓴᓇᔭᐅᓯᒪᔪᑦ	ᐊᖏᔫᑎᐅᑉᓗᑎᒃ ᓴᔪᑉᐱᓪᓚᒃᓯᒪᓂᓇᔭᕕᖕᒋᑦ ᓄᓇᑦ	1, 2.5, 5, 7.5	1, 0.75. 0.5, 0.25	1	
ᐊᖏᔫᑎᐅᑉᓗᑎᒃ ᓴᓇᔭᐅᓯᒪᔪᑦ	ᓄᓇᒋᔭᐅᔪᒥ ᖃᓄᐃᓐᓂᐅᔪᑦ ᐊᖏᔫᑎᐅᑉᓗᓂ ᐊᒻᒪᓗ ᑐᒡᓕᓇᔭᖓᓂᒃ ᓴᔪᑉᐱᓪᓚᒃᓯᒪᓂᕐᒥᑦ ᐅᔭᕋᒃᑕᓇᐊᖁᒃᓴᐅᔪᖕᓇᖅᑐᑦ ᐱᑕᖃᑐᐃᓐᓇᓇᐊᖃᕋᒥᒃ	0.5, 2, 5, 7.5, 10	1, 0.8, 0.6, 0.4, 0.2	0.65	0.6
ᓯᓚᒥ ᓂᐱᑦᑕᕐᓂᖃᕐᓂᖏᑦ	ᓂᐱᑦᑕᕐᓂᖃᕐᓂᖏᑦ ᖁᑦᑎᒃᑐᑦ ᓂᕈᐊᖅᑕᐅᓯᒪᔪᑦ ᓴᙱᒋᓂᖃᑦᓯᐊᕐᓂᖏᑕ ᕿᓂᕐᖁᐅᔪᖕᓇᖅᑑᓂᖏᑦ - ᐊᑐᕐᓗᒋᑦ ᓯᓂᒋᔭᖏᑦ ᐱᑕᖃᕐᓂᐅᔪᓂ ᓂᐱᑦᑕᕐᓂᖃᕐᓂᖏᑕ ᐃᓗᐊᒍᖓᙱᑦᑐᖅ	1.25, 2.5, 5, 7.5, 10	1, 0.8, 0.6, 0.4, 0.2	1	0.5
ᐅᖁᒪᐃᓐᓂᖃᕐᓂᐅᔪᑦ	ᓯᓂᒋᔭᖏᑦ ᐅᖁᒪᐃᓐᓂᖃᕐᓂᐅᔪᑦ ᖁᑦᓯᒃᑐᑦ - ᐊᓯᔾᔨᕆᐊᕐᓯᒪᓂᖏᑦ ᖁᑦᓯᒃᓯᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐊᑦᓯᒃᓯᓯᒪᔪᑦ	1.25, 5, 10, 15, 20	1, 0.8, 0.6, 0.4, 0.2	1	0.4

	ᐅᖁᒪᐃᓐᓂᖏᓐᓄᑦ ᖃᐅᔨᓴᕈᑎᑎᒍᑦ ᓇᓗᓇᐃᖅᓯᔾᔪᑎᑦ				
ᓄᓇᓕᕆᓂᖅ	ᐅᔭᖅᑲᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓂ, ᐅᖁᒪᐃᓐᓂᖃᕈᑎᖃᖅᑐᑦ ᖃᓄᐃᑦᑑᓂᖏᓐᓂᑦ ᐅᔭᖅᑲᓂᑦ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓖᑦ ᑮᓇᐅᔭᓕᐅᖁᐅᓕᕈᓐᓇᖅᑐᓂᒃ	n/a	n/a	1	0.3

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 3: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐅᔭᕋᒃᑕᕆᐊᖁᐅᓕᕈᖕᓇᖅᑐᓄᑦ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᖃᕐᓂᖏᑦ

ᑐᑖᕐᕕᐅᔪᒪᔪᑦ ᖃᔅᓯᐅᓂᖏᑦ ᐊᒻᒪᓗ ᐊᑎᖏᑦ	ᑮᓇᐅᔭᓕᐅᕈᑎᐅᔪᖕᓇᖅᑐᑦ	ᐱᑕᖃᕐᓂᐅᔪᑦ ᖃᓄᐃᑦᑑᓂᖏᑦ
1 – ᑎᑭᕋᕐᔪᐊᖅ	ᑲᓐᓄᕐᑲ	LG
2 – ᑎᑭᕋᕐᔪᐊᑉ ᐅᐊᖕᓇᖕᒐᓂ	ᑲᓐᓄᕐᑲ	LG
3 – ᐊᕐᕕᐊᑦ 1	ᑲᓐᓄᕐᑲ	LG
4 – ᐊᕐᕕᐊᑦ 2	ᑲᓐᓄᕐᑲ	LG
5 - MacQuaid (Lᑯᐃᑦ)	ᑲᓐᓄᕐᑲ	LG
6 – ᑲᖏᖅᓱᓂᖅ	ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᑦ	ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᑦ
7 – ᖃᒪᓂᑐᐊᑉ ᑭᕙᑖᓂ	ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᑦ	ᓯᑎᓂᖅᐹᑦ ᐅᔭᖅᑲᑦ
8 - Hᐃᓂᖓ	ᑲᓐᓄᔭᖅ ᐊᒻᒪᓗ ᓅᖓᒃ	VMS

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 4: ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᓐᓇᖅᑐᓂᒃ ᐱᑕᖅᑐᐃᓐᓇᕆᐊᖃᕐᓂᖓᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᓂᒃ ᐱᕝᕕᐅᓯᒪᔪᑦ

GIS-ᓄᑦ ᑲᑎᖅᓱᐊᖑᒍ-ᓯᒪᔪᑦ ᑐᑭᓯᒋᐊᕈᑎ-ᓕᐅᖅᑎᓂᑦ	GeoVector-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	NRCAN-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᓇᑭᑦ ᐱᔭᐅᓯᒪᓂᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓕᒃ/ᑎ-ᑎᕋᖅᑎ
ᓄᓇᐅᑉ ᖃᓄᐃᑉᐸᓪᓕᐊᓂᖓ			_	
ᑭᓂᖅᑕᑦ ᓄᓇᐅᑉ ᖃᓄᐃᑉᐸᓪᓕᐊ-ᓂᖓ	ᑭᕙᓪᓕᐅᑉ ᓂᒋᖓᓂ ᑭᓂᖅᑕᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑲᑎᖅᓱᐃᓂᖅ	ᑲᑎᖅᓱᐃᓂᖅ ᒐᕙᒪᒃᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᓐᓂᒃ ᐊᒻᒪ ᒪᑐᐃᖅᑕᐅᓂᖏᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ	https://geochem.nrcan.gc.ca/cdogs/content/tables/_list_svy_en.htm	ᑕᑯᓗᒋᑦ ᐱᕝᕕᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᖑᓯᒪᔪᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐ-ᓄᑦ
ᑭᓂᖅᑕᑦ HMC ᑲᓐᓄᖅᑲᖅᑲᕐᓂᖏᑦ	ᑭᕙᓪᓕᐅᑉ ᓂᒋᖓᓂ ᑭᓂᖅᑕᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑲᑎᖅᓱᐃᓂᖅ	ᑲᑎᖅᓱᐃᓂᖅ ᒐᕙᒪᒃᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᓐᓂᒃ ᐊᒻᒪ ᒪᑐᐃᖅᑕᐅᓂᖏᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ	https://geochem.nrcan.gc.ca/cdogs/content/tables/_list_svy_en.htm	ᑕᑯᓗᒋᑦ ᐱᕝᕕᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᑎᑎᕋᖅᓯᒪᔪᓕᐊᖑᓯᒪᔪᓂ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐ-ᓄᑦ
ᑕᓯᕐᒥ ᑭᓂᖅᑕᑦ ᓄᓇᐅᑉ ᖃᓄᐃᑉᐸᓪᓕᐊ-ᓂᖓ	ᑭᕙᓪᓕᐅᑉ ᓂᒋᖓᓂ ᑕᓯᕐᒥ ᓴᐅᔭᐅᓂᑯᑦ ᑭᓂᖅᑕᑦ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑲᑎᖅᓱᐃᓂᖅ	ᑲᑎᖅᓱᐃᓂᖅ ᒐᕙᒪᒃᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᓐᓂᒃ ᐊᒻᒪ ᒪᑐᐃᖅᑕᐅᓂᖏᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ	https://geochem.nrcan.gc.ca/cdogs/content/tables/_list_svy_en.htm	ᐱᕝᕕᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ - ᖃᓇᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᐊᓂ
ᐅᔭᖅᑲᑦ ᓄᓇᐅᑉ ᖃᓄᐃᑉᐸᓪᓕᐊ-ᓂᖓ	ᑭᕙᓪᓕᐅᑉ ᓂᒋᖓᓂ ᐅᔭᖅᑲᓂᒃ ᖃᐅᔨᓴᒐᒃᓴᓂᒃ ᑲᑎᖅᓱᐃᓂᖅ	ᑲᑎᖅᓱᐃᓂᖅ ᒐᕙᒪᒃᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᓐᓂᒃ ᐊᒻᒪ ᒪᑐᐃᖅᑕᐅᓂᖏᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ	https://geochem.nrcan.gc.ca/cdogs/content/tables/_list_svy_en.htm	ᐱᕝᕕᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ - ᖃᓇᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᐊᓂ
ᓄᓇᒥᒃ ᖃᐅᔨᓇᓱᐊᕐᓂᖅ			_	
ᓄᓇᒥᒃ ᖃᐅᔨᓇᓱᐊᕐᓂᖅ	ᓄᓇᖕᒍᐊᓕᐊᖑᓯᒪᔪᑦ 1860A	ᑲᓇᑕᑕᒥ ᓄᓇᒥᒃ ᖃᐅᔨᓇᓱᐊᖅᑎᖏᑦ	https://geoscan.nrcan.gc.ca/starweb/geoscan/servlet.starweb?path=geoscan/fulle.web&search1=R=208175	ᕖᓗᕐ, ᔨ. ᐅ.; ᕼᐋᕝᒪᓐ, ᐱ. ᐃᕝ.; ᑳᕐ, ᑭ. ᑎ.; ᑏᕕᑦᓴᓐ, ᐃ.; ᓵᓐᕗᐊᕐᑦ, ᐱ. ᕕ.; ᐅᑯᓕᖅ, ᐃ.ᕕ.; ᕈᐅᓴᑦ, ᑕᑉᔪ. ᐊᕐ.
ᐅᔭᕋᒃᑕᕆᐊᒐᒃᓴᑦ ᑕᑯᒃᓴᐅᓂᖏᑦ	ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᔪᖕᓇᖅ-ᑐᑦ ᐱᑕᖅᑲᒃᑕᕐᓂᖏᑦ ᓄᓇᕗᒻᒥ	NUMIN_Showings (ᓈᒥᓐ ᑕᑯᒃᓴᐅᑎᑕᖏᑦ)	http://nunavutgeoscience.ca/	ᐱᕝᕕᐅᓯᒪᔪᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ ᐃᓕᔭᐅᓯᒪᕗᑦ ᓄᓇᕗᒻᒥ ᔨᐅᓴᐃᐊᓐᓴ ᖃᓇᑕᐅᔭᑎᒍᑦ ᐱᑐᒃᓯᒪᕝᕕᖓᓂᑦ
ᓄᓇᐅᑉ ᖃᓄᐃᓕᖓᓂᖏᑦ				
ᐳᒍᒃ ᐅᕐᑯᒪᐃᓐᓂᓕᒃ	GSC-ᑯᑦ ᐳᒍᕐ ᐅᕐᑯᒪᐃᓐᓂᓕᒃ ᑖᖅᓯᑎᒋᐊᖅᓯᒪᑉᓗᑎᒃ ᑕᑯᒃᓴᐅᑎᑕᐅᓂᖏᑦ	ᑲᓇᑕᒥ 2 km-ᓂᒃ - ᐅᕐᑯᒪᐃᓐᓂᓕᒃ - ᐳᒍᕐ - ᐳᒍᕐ	http://gdr.agg.nrcan.gc.ca/gdrdap/dap/index-eng.php?ver=1579797919	
ᓂᐱᑦᑕᕐᓂᖅᑲᕐᓂᖏᑦ	GSC-ᑯᑦ 1VD ᐱᑕᖅᑲᖅᓯᒪᓂᖏᑦ TMI-ᒥᒃ ᑖᖅᓯᑎᒋᐊᖅᓯᒪᑉᓗᑎᒃ ᑕᑯᒃᓴᐅᑎᑕᐅᓂᖏᑦ	ᑲᓇᑕᒥ - 200m-ᓂᒃ - ᓂᐱᑦᑕᕐᓂᖅᑲᕐᓂᖓ - ᓯᕗᓪᓕᖅᐸᖅ ᕐᑯᒻᒧᒃᐸᓪᓕᐊᓂᖅᑲᕐᑐᖅ	http://gdr.agg.nrcan.gc.ca/gdrdap/dap/index-eng.php?ver=1579796595	
ᑐᑭᓕᐅᖅᑕᐅ-ᓂᖏᑦ			_	

GIS-ᓄᑦ ᑲᑎᖅᓱᐊᖑᒍ-ᓯᒪᔪᑦ ᑐᑭᓯᒋᐊᕈᑎ-ᓕᐅᖅᑎᓂᑦ	GeoVector-ᑯᑦ ᑎᑎᖅᑲᖅᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	NRCAN-ᑯᑦ ᑎᑎᖅᑲᖅᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	ᑐᑭᓯᒋᐊᖅᕕᒃᓴᖅᑯᑎᑦ ᓇᑭᑦ ᐱᔭᐅᓯᒪᓂᖏᑦ	ᑐᑭᓯᒋᐊᖅᕕᒃᓴᖅᑯᑎᓕᒃ/ᑎ-ᑎᕋᖅᑎ
ᑐᑭᓕᐅᖅᑕᐅ-ᓂᖏᑦ				
ᐅᖅᑯᒪᐃᓐᓂᖓ ᖅᑯᑦᑎᒃᑐᒥᒃ ᑐᑭᓕᐅᖅᑕᐅᓯᒪ-ᔪᖅ	Bouguer_gravity_highs_line.shp		ᐅᐊᔭᒧᖅᑐᑎᒍᑦ ᐅᖅᑯᒪᐃᓐᓂᖏᑕ ᖅᑯᑦᑎᖕᓂᕆᔭᖏᑦ ᐱᓕᕆᐊᖑᔪᑦ GeoVector-ᑯᑦ ᐊᐅᓚᑦᓯᔨᖏᓂᑦ	
ᓂᐱᑦᑕᖅᓂᖓ ᖅᑯᑦᑎᒃᑐᒥᒃ ᑐᑭᓕᐅᖅᑕᐅᓯᒪ-ᔪᖅ	1VD_TMI_Highs_line		ᐅᐊᔭᒧᖅᑐᑎᒍᑦ ᐅᖅᑯᒪᐃᓐᓂᖏᑕ ᖅᑯᑦᑎᖕᓂᕆᔭᖏᑦ ᐱᓕᕆᐊᖑᔪᑦ GeoVector-ᑯᑦ ᐊᐅᓚᑦᓯᔨᖏᓂᑦ	
ᑭᓂᖅᑕᑦ ᐊᔾᔨᒋᔭᐅᙱᑦᑐᑦ ᑐᑭᓕᐅᖅᑕᐅᓂᖏᑦ	ᑭᓂᖅᑕᑦ ᑐᑭᓯᒋᐊᖅᕕᒃᓴᖅᑯᑎᑦ ᑐᑭᓕᐅᖅᑕᐅᓂᖏᑦ GeoVector-ᑯᓐᓂᑦ		GeoVector-ᑯᑦ ᐊᐅᓚᑦᓯᔨᖏᓂᑦ	
ᐱᓕᕆᕝᕕᐅᔪᓄᑦ ᑐᑭᓕᐅᖅᑕᐅᓯᒪᔪᑦ	ᐊᑐᖅᓱᒋᑦ ᓄᓇᐅᑉ ᖃᓄᐃᓕᖓᓂᖏᓐᓂ ᖃᓕᓈᓕᖅᓯᒪᓂᕐᓄᑦ ᐱᑕᖅᖅᓯᒪᓂᖏᓐᓄᑦ ᑖᖅᓯᑎᒋᐊᖅᓯᒪᑉᓗᑎᒃ TMI-ᒥᒃ ᐊᒻᒪ ᐅᖅᑯᒪᐃᓐᓂᖏᑦ		GeoVector-ᑯᑦ ᐊᐅᓚᑦᓯᔨᖏᓂᑦ	
ᑐᕌᖅᕕᐅᓯᒪᔪᑦ ᐊᕙᑎᖏᑦ	ᑕᒪᐃᓐᓂᒃ ᑐᑭᓯᒋᐊᖅᕕᒃᓴᖅᑯᑎᓂᒃ ᐊᑐᐃᓐᓇᐅᑎᑕᐅᔪᓂᒃ ᐊᑐᖅᓱᑎᒃ		ᐅᐊᔭᒧᖅᑐᑦ ᑐᕌᖅᕕᐅᔪᑦ ᑭᐸᐹᕆᒃᑐᙱᖅᓯᒪᔪᑦ ᐊᕙᑎᒋᔭᖏᑦ ᖅᑯᑦᑎᒃᑐᒥᒃ ᐅᔭᕋᖕᓂᐊᖅᕕᐅᔪᒪᔪᓄᑦ GeoVector-ᑯᑦ ᐊᐅᓚᑦᓯᔨᖏᓂᑦ	

ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ 5: ᐊᓯᖏᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓂᒃ ᐱᕝᕕᐅᓯᒪᔪᑦ ᓱᓕ

GIS-ᓄᑦ ᑲᑎᖅᓱᐊᖑᒍ-ᓯᒪᔪᑦ ᑐᑭᓯᒋᐊᕈᑎ-ᓕᐅᖅᑎᓂᑦ	GeoVector-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	NRCAN-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᓇᑭᑦ ᐱᔭᐅᓯᒪᓂᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓕᒃ/ᑎᑎ-ᕋᖅᑎ
ᓄᓇᕗᒻᒥ ᐅᔭᖅᑲᓂᒃ ᐱᓯᒪᔪᖕᓇᕐᓂᖅ			–	–
ᐅᖅᓱᐊᓗᓕᕆᔪᖕ ᓇᕐᓂᕐᒧᑦ ᒫᓴᓛᓕᕆᓂᕐᒧᓪᓗ ᐱᔪᖕᓇᐅᑎᒋᔭᐅᔪᑦ	ᐊᑐᓚᐅᖅᑐᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᐱᔪᖕᓇᐅᑎᓂᒃ ᑭᓯᐊᓂ	Droit_petrolier_et_gazier_Oil_and_Gas_Right_SHP	Oil and Gas Rights - Open Government Portal (canada.ca)	ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ - ᒪᑐᐃᖕᒐᓪᓗᓂ ᒐᕙᒪᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕈᑎᖏᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ, ᐱᑕᖃᖅᑎᕐᓱᕈᑦ: ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓕᕆᔨᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᖏᑦ
ᐊᕐᔭᒃᓴᓂᒃ ᕿᓂᕐᓂᕐᒧᑦ ᓚᐃᓴᓐᓘᑦ	ᐊᑐᓚᐅᖅᑐᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᓚᐃᓴᓐᓯᑦ	Licence_exploration_houille_NU_Coal_Exploration_Licence_SHP	Mineral Tenure in Nunavut - Coal Exploration Licences - Open Government Portal (canada.ca)	ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ - ᒪᑐᐃᖕᒐᓪᓗᓂ ᒐᕙᒪᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕈᑎᖏᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ, ᐱᑕᖃᖅᑎᕐᓱᕈᑦ: ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓕᕆᔨᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᖏᑦ
ᐅᔭᕋᖕᓂᐊᖅᑕᐅᔪᒪᔪᓂᓇᐸᐸᖅᓯᕝᕕᐅᓯᒪᔪᑦ	ᐊᑐᓚᐅᖅᑐᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᓇᐸᐸᖅᓯᕝᕕᐅᓯᒪᔪᓂᒃ	Claim_minier_NU_Mineral_Claim.shp	Mineral Tenure in Nunavut - Mineral Claims - Open Government Portal (canada.ca)	ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ - ᒪᑐᐃᖕᒐᓪᓗᓂ ᒐᕙᒪᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕈᑎᖏᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ, ᐱᑕᖃᖅᑎᕐᓱᕈᑦ: ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓕᕆᔨᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᖏᑦ
ᕿᓂᕈᖕᓇᕐᓂᕐᒧᑦ ᐱᓕᕆᔪᖕᓇᐅᑎᑦ	ᐊᑐᓚᐅᖅᑐᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᐱᓕᕆᔪᓐᓇᐅᑎᓂᒃ t	Permis_exploration_NU_Prospecting_Permit_SHP	Mineral Tenure in Nunavut - Prospecting Permits - Open Government Portal (canada.ca)	ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ - ᒪᑐᐃᖕᒐᓪᓗᓂ ᒐᕙᒪᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕈᑎᖏᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ, ᐱᑕᖃᖅᑎᕐᓱᕈᑦ: ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓕᕆᔨᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᖏᑦ
ᐅᔭᕋᒃᑕᕆᐊᑦ ᐊᑐᖅᑐᐊᕈᑎᖏᑦ ᓄᓇᒥᒃ	ᐊᑐᓚᐅᖅᑐᑦ ᐱᓕᕆᓂᕐᒥᓐᓂ ᐊᑐᖅᑐᐊᕈᑎᒥᖕᓂᒃ	Bail_minier_NU_Mining_Lease_SHP	Mineral Tenure in Nunavut - Mining Leases - Open Government Portal (canada.ca)	ᑲᓇᑕᒥ ᒐᕙᒪᖕᒐᑦ - ᒪᑐᐃᖕᒐᓪᓗᓂ ᒐᕙᒪᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕈᑎᖏᑦ ᖃᕆᑕᐅᔭᑎᒍᑦ, ᐱᑕᖃᖅᑎᕐᓱᕈᑦ: ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᕐᓯᒪᔪᓕᕆᔨᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᖅᑕᖅᑐᒥ ᐱᕙᓪᓕᐊᔪᓕᕆᔨᖏᑦ
2021 DNLUP-ᓄᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᑦ				

GIS-ᓄᑦ ᑲᑎᖅᓱᐊᖑᒍ-ᓯᒪᔪᑦ ᑐᑭᓯᒋᐊᕈᑎ-ᓕᐅᖅᑎᓂᑦ	GeoVector-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	NRCAN-ᑯᑦ ᑎᑎᖅᑲᕐᑯᑎᖏᑕ ᑕᐃᔭᐅᔾᔪᓯᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ ᓇᑭᑦ ᐱᔭᐅᓯᒪᓂᖏᑦ	ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᓕᒃ/ᑎᑎ-ᕋᖅᑎ
ᑐᒃᑐᓄᑦ ᑐᑭᓯᒋᐊᕐᕕᒃᓴᕐᑯᑎᑦ	ᑐᒃᑐᑦ ᓄᕐᕋᖅᑖᕐᐸᓪᓕᐊᓂᖏᑦ, ᑕᕆᐅᖑᙱᑦᑐᒥ ᐃᒪᒃᑯᑦ ᐃᑳᕐᕕᖏᑦ, ᐃᑎᕐᕕᐅᕙᒃᑐᑦ, ᓄᕐᕋᖅᑲᓕᖅᑎᓪᓗᒋᑦ	2021DNLUP_MAPA_DESIGNATIONS.shp	https://lupit.nunavut.ca/portal/registry.php?public=docs&g=16&c=1043&searchtext=	NPC-ᑯᑦ ᑭᒃᑯᑐᐃᓐᓇᑦ ᑎᑎᕋᖅᑕᐅᓯᒪᓕᕐᕕᖏᑦ - ᓄᓇᕗᒻᒥ ᐸᕐᓇᐃᓱᑦ ᑲᒪᔨᖏᑦ
ᐃᓄᐃᑦ ᓄᓇᕐᑯᑎᖏᑦ - ᓄᓇᕗᒻᒥ	ᑲᓇᑕᒥ ᓄᓇᖃᖅᑳᖅᓯᒪᔪᓂᑦ ᓄᓇᒋᔭᐅᔪᑦ ᒪᓕᒐᕐᔪᐊᑎᒍᑦ ᑭᒡᓕᒋᔭᐅᔪᓄᑦ	AL_TA_NU_SHP_eng	https://ftp.maps.canada.ca/pub/nrcan_rncan/vector/geobase_al_ta/shp_eng/AL_TA_NU_SHP_eng.zip	https://ntilands.tunngavik.com/maps/

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 1: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᑲᓐᓄᖅᑲ ᐊᒻᒪᓗ ᓴᕕᕋᓴᒃᓴᓂᒃ ᐱᑕᖅᑐᐃᓐᓇᕆᐊᖅᑲᕐᓂᖏᑦ

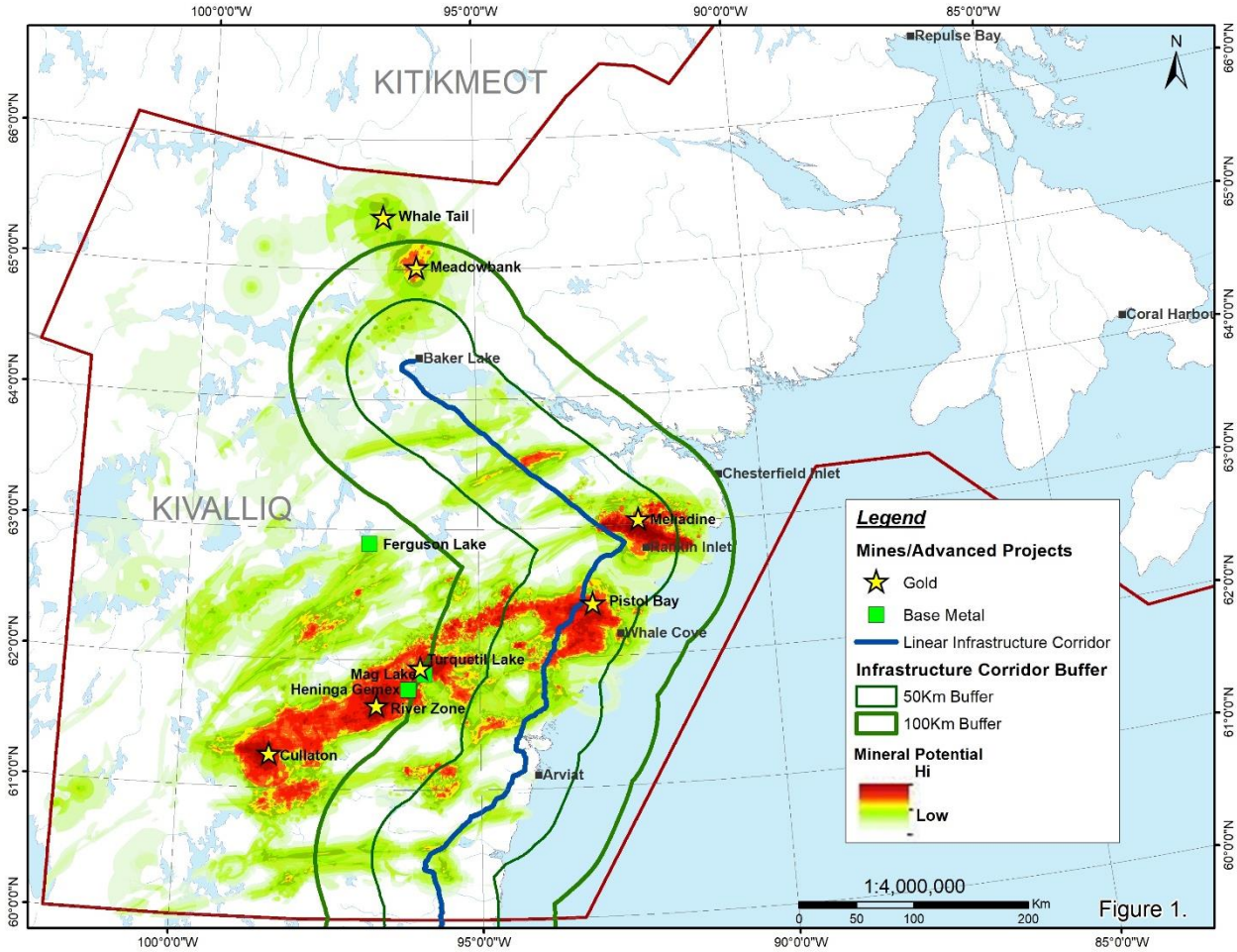

Figure 1.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 2: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐅᔭᖅᑲᓂᑦ ᓱᑎᓂᖅᐸᑦ ᐊᒻᒪᓗ REE-ᓂᒃ ᐅᔭᖅᑲᓂᒃ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᖃᕐᓂᖓ

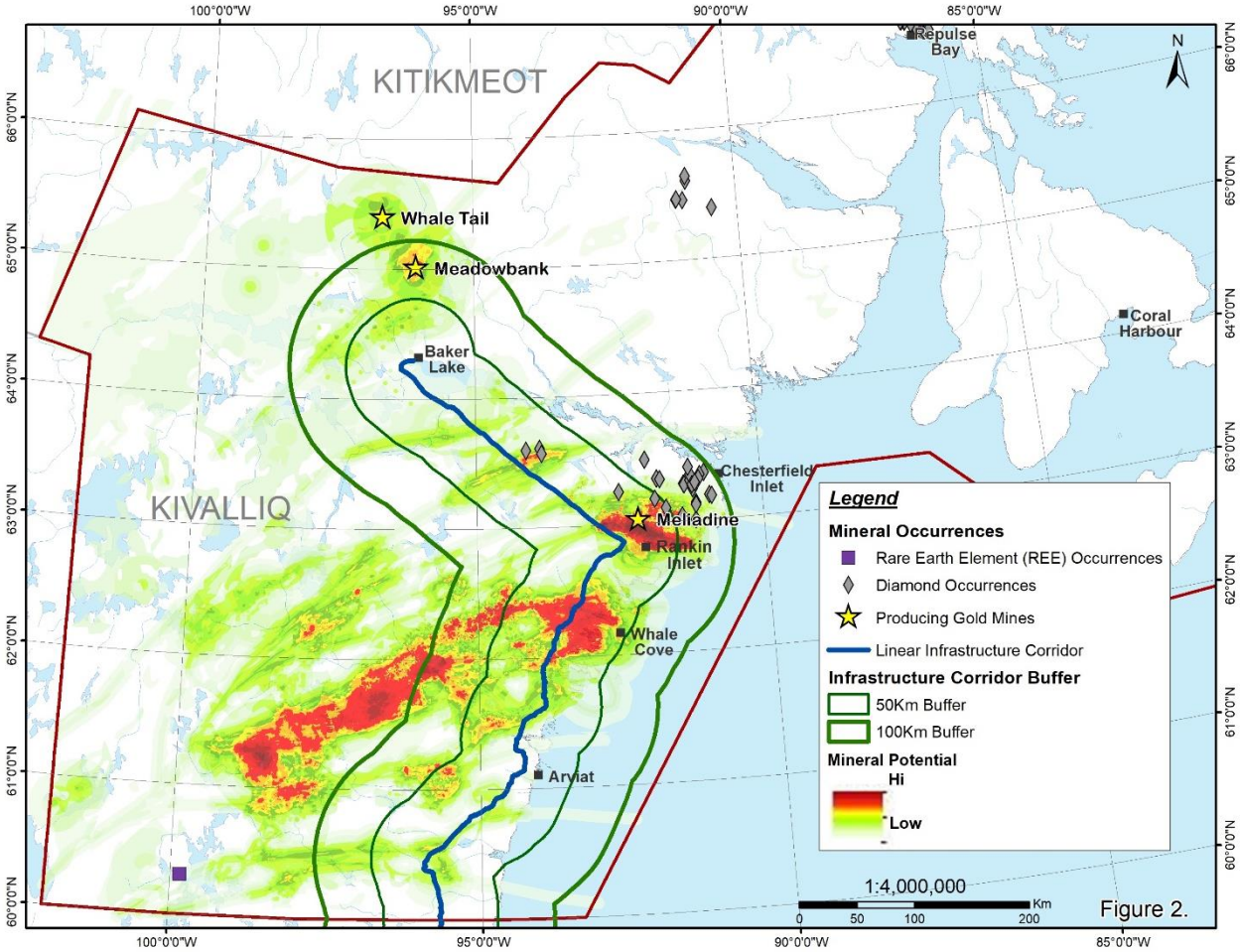

Figure 2.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 3: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᖃᕐᓂᖏᑕ ᑐᕌᒐᒋᔭᐅᓕᕈᖕᓇᖅᑐᑦ

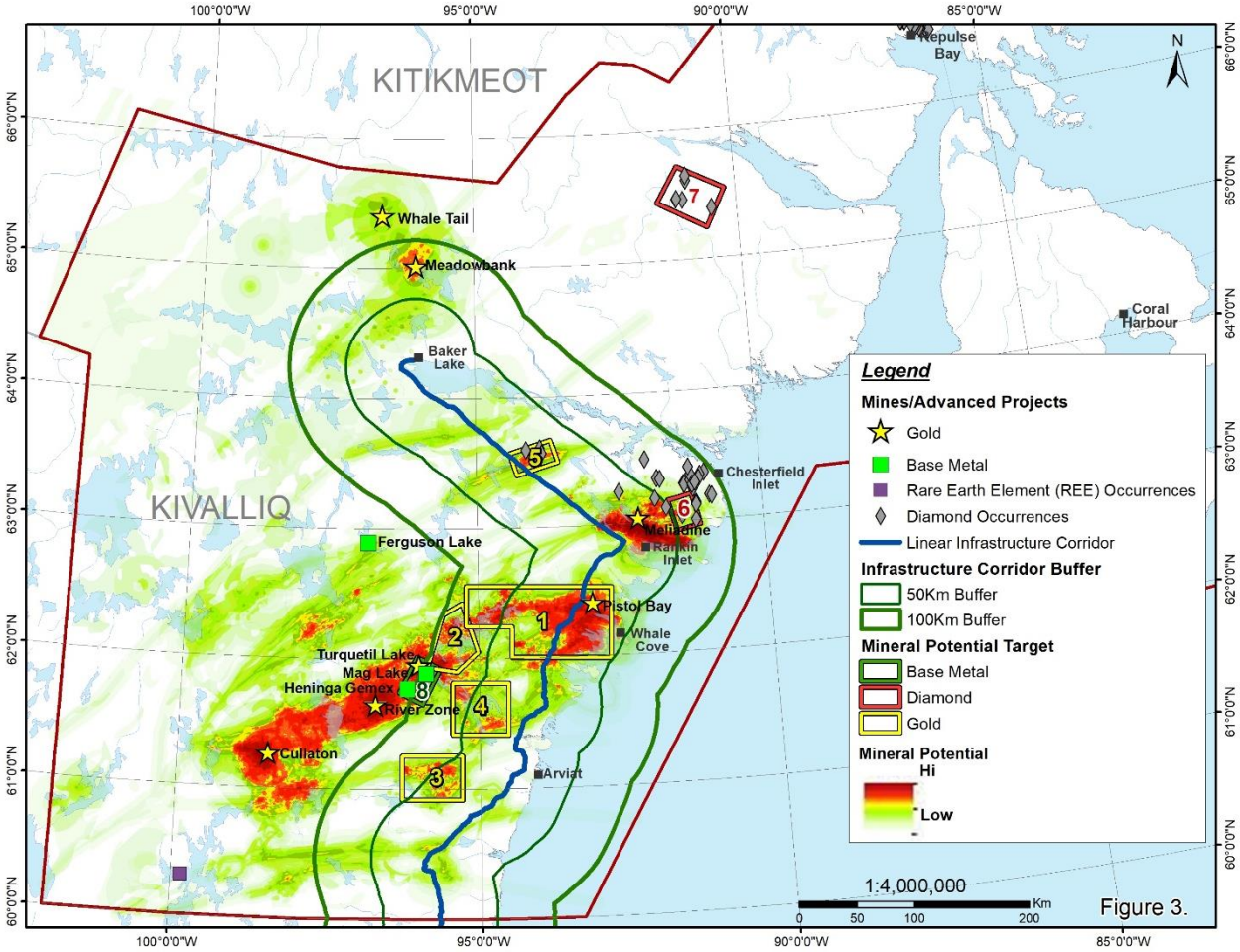

Figure 3.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 4: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᑐᒃᑐᓂᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ

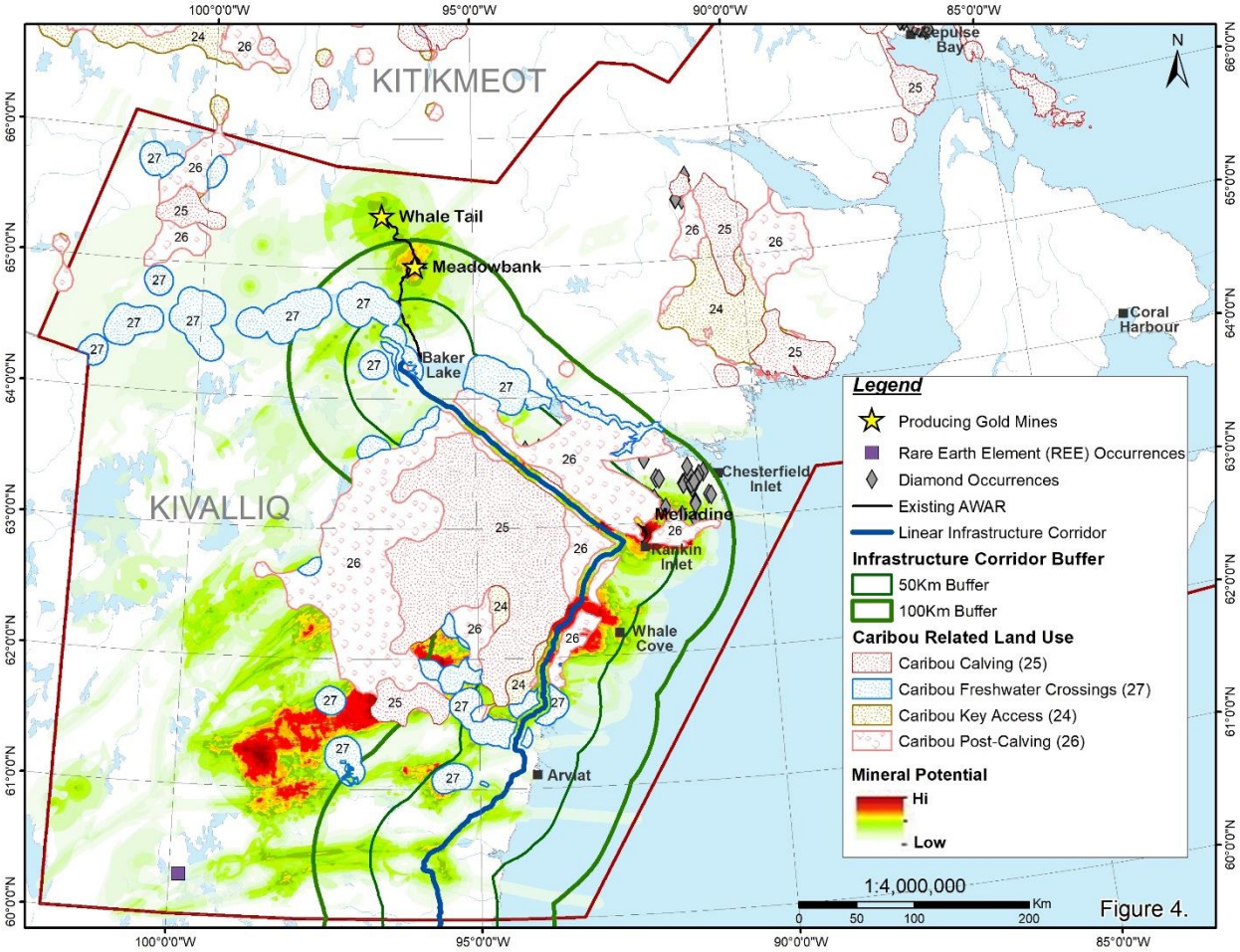

Figure 4.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 5: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᑐᒃᑐᓂᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ ᐊᒻᒪᓗ ᐅᔭᕋᒃᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓖᑦ

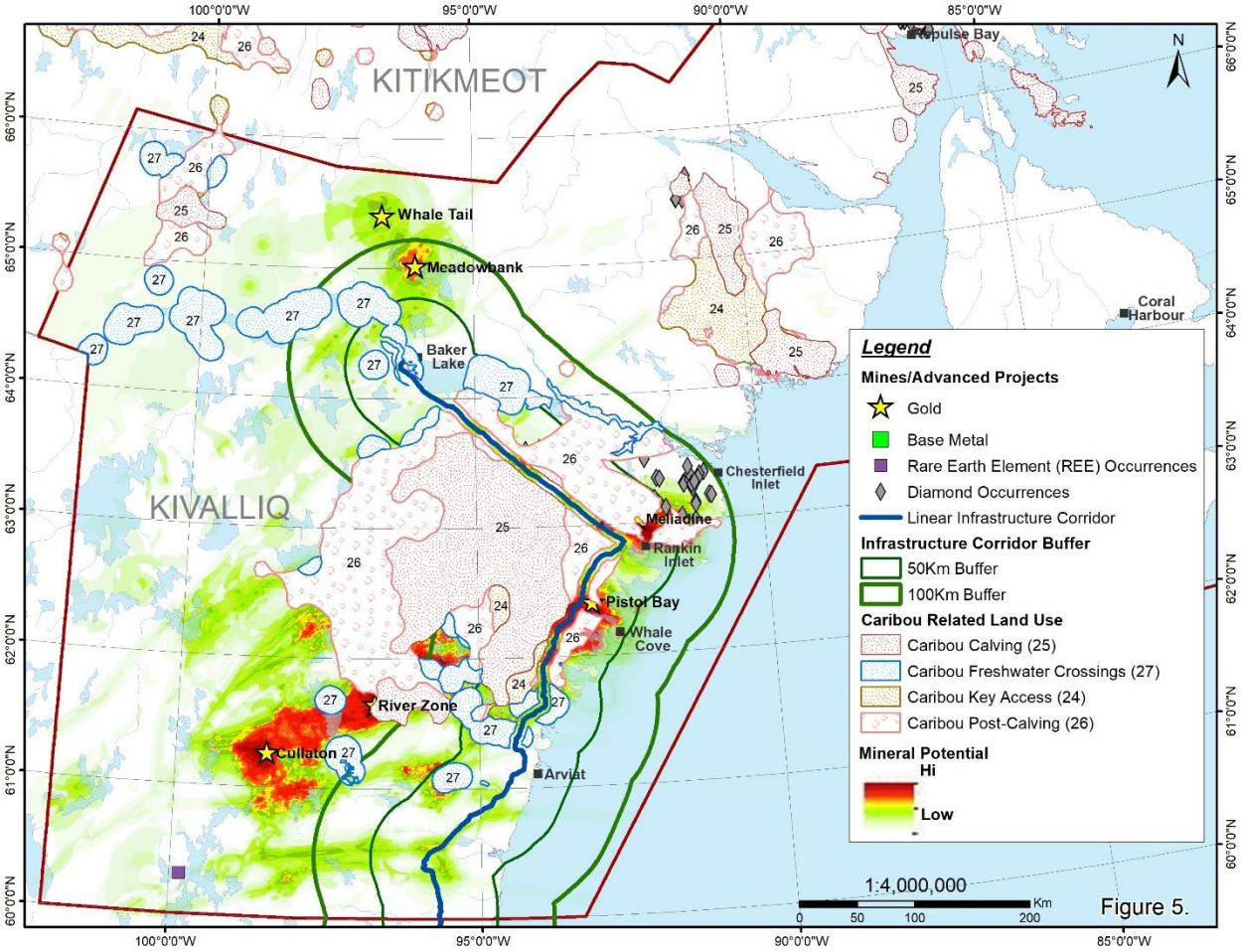

Figure 5.

ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᔪᑦ 6: ᑭᕙᓪᓕᐅᑉ ᐊᕕᒃᑐᖅᓯᒪᓂᖓᓂ ᑐᒃᑐᓂᑦ ᓄᓇᑦ ᐊᑐᖅᑕᐅᕙᒃᑐᑦ
ᓇᓗᓇᐃᔭᖅᑕᐅᓯᒪᓂᖏᑦ ᐊᒻᒪᓗ ᐅᔭᖅᑕᕆᐊᕐᕕᐅᓕᕈᖕᓇᖅᑐᓂᒃ ᐱᑕᖃᑐᐃᓐᓇᕆᐊᓖᑦ ᑐᕌᒐᕆᔭᐅᓕᕈᖕᓇᖅᑐᑦ

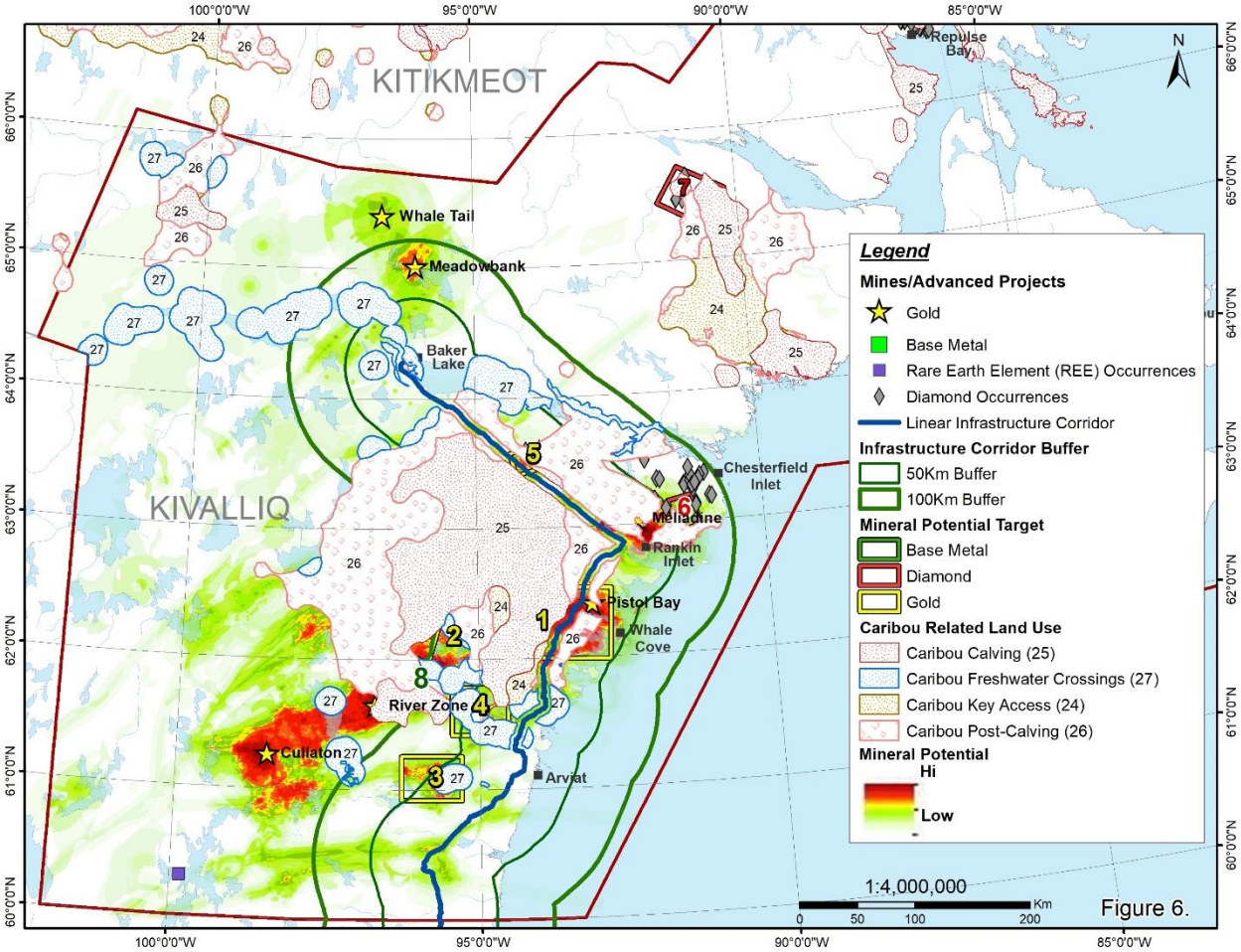

Figure 6.