Table 2: Application of exclusion criteria in sites under examination

Exlcusion Criteria	Stip Dumpsite		Kumanovo Dumpsite		Kočani Dumpsite		Kriva Palanka Dumpsite		Sveti Nicole		Sveti Nikole, Meckuevci – Arbasanci		Karbinci		Staro Nagorichane (old quarry)		Rankovtse (old quarry)		K'shanje - 1		K'shanje - 2		Stip (quarry)		Cesinovo (quarry)		Crn Vrv		Kocani, Istibanja, Prevalec		Krupiste	
	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment	P (Pass) / F (Fail)	Comment
Geological – Hydro geological – Hydrological criteria																																
Criterion EC1 – Minimum distance from river bed or large ghylls, 1 km	P	No surface water in the site vicinity	P	No surface water flows	P	No surface water flows were observed in the vicinity at the time of the site visit. The Kocanska River runs at about 1.2 km east of the site.	F	Kriva Reka runs at about 50 m north from the area	P	No surface water in the site vicinity. There are two small rivers running west and east of the site at a distance of about 700 m, each	P	No surface water flows were observed in the vicinity at the time of the site visit	P	No surface water flows exist in the site vicinity. The closest surface waters are the Kozjacka River (running at about 1 km north of the site) and the Radanjska River (1.5 km south) of the site.	P	No surface water flows in the vicinity of the site. The nearest watercourse is the intermittent stream GarinDol running at about 700 m north from the site	P	There is a stream running along the eastern boundary of the quarry towards the south (Kriva Reka River is the main surface water in the area)	P	There is no surface water in the site vicinity.	P	There is no surface water in the site vicinity.	P	Minor intermittent streams are formed at the hill flowing towards the surrounding fields. No major surface water bodies	P	Several intermittent flows coming from the hills towards the Bregalnica valley	P	Only intermittent flows originating on the hills.	P	No surface water flows were observed in the vicinity at the time of the site visit . The proposed site is located 200 m above the valley where that can collect water after rains and in the rainy season. The Bregalnica River is the main water flow in the area, running from the Maleshevo Mountains. It runs at about 3 km south of the site	P	Close to Breganlica river
Criterion EC2 - Minimum distance from water sources, 0,5 km	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No evidence of public or private water sources in the vicinity of the area Occurrences of low-yield springs (<0.1 l/s) in the wider area are indicated in the hydrogeological map.	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No information was available during the course of the site visit. However, the Hydrogrological map of Macedonia indicates presence of artesian aquifer in the nearby area, east of the open pit with several groundwater wells.	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	No water sources in the site vicinity	P	Small springs (captures) in the hills used for local supply	P	Only small groundwater (subsurface) sources of low (<0,1 l/s) capacity	P	No water sources in the site vicinity	P	The nearest water body is the irrigation canal running about 800 m SE of the site.
Criterion EC3 - Minimum distance from lakes, 1 km	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	F	Yes, an artificial lake has been formed inside the open pit.	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	No lakes in the site vicinity	P	The artificial water reservoir Pisica is located about 2 km north of the site
Criterion EC4 – Distance from seismic fault, 0,5 km	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	Volcanic activity in the general area caused presence of several faults of local importance	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults	P	No faults
Environmental criteria																																
Criterion EC5 – Exclusion of forests	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	F	Forest fragments in the surrounding areas, on the both side of the river	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	P	No forests close to the area	F	Forests close to the area	P	No forests close to the area	P	No forests close to the area
Criterion EC6 – Exclusion of agricultural areas of high intensity and area with specific land uses	P	No organized agricultural activity	P	No intensive agricultural activity. Numerous small plots of cultivated land towards the west of the area	P	No intensive agricultural activity. Limited cultivation activities – mostly vineyards	P	No organized agricultural activity	P	No intensive agricultural activity.	P	No organized agricultural activity	P	No intensive agricultural activity.	P	No intensive agricultural activity. The site is surrounded by cultivated land	P	No intensive agricultural activity.	P	No intensive agricultural activity.	P	No intensive agricultural activity.	P	No intensive agricultural activity.	P	No intensive agricultural activity. Rice fields about 1 km from the quarry	P	No intensive agricultural activity	P	Low cultivation activities – mostly small private vineyards	P	used for farming and small scale agriculture and rice fields
Criterion EC7 – Exclusion of areas characterized as RAMSAR, SPA, NATURA, National Parks and other protected areas	P	outside protected areas	P (after consultation with MoEPP) if selected	Exactly on the border of the large IBA site "Pcinja - Petrosnica - Kriva reka".	F	Formally, the site is located within the Protected landscape of the Osogovo Mountain, at its very southern boundary.	P	outside protected areas	P	outside protected areas	P (after consultation with MoEPP) if selected	The site is located within the boundaries of future EMERALD and IBA site of Ovce Pole (close to the northern boundary zone).	P	outside protected areas	F	The site is located within the IBA site "Pcinja - Petrosnica - Krivareka". The lake at the old mine site is identified as a habitat of some bird species (Little grebe – dabchick)	P	outside protected areas	P	outside protected areas	P	outside protected areas	P	In the vicinity of the EMERALD site Ovce pole (but outside of its boundaries)	P	outside protected areas	P	outside protected areas	P	The site is not located within the nature conservation areas. However, the site is located within the Protected landscape of the Osogovo Mountain, at its very southern boundary.	P (after consultation with MoEPP) if selected	The site is located within the boundaries of EMERALD and IBA site of Ovce Pole (close to the very eastern boundary zone).
Physical planning criteria																																
Criterion EC8 - Minimum distance from residential areas, 0,6 km	P	Closest houses in more than 2 km	P	No residential areas in the vicinity. Scattered houses at about 1 km to the north.	P	Very few houses around 600 m from the site	F	First scattered houses at about 150 m SE and SW from the site.	P	No settlements are present in the radius of almost 1 km.	P	No settlements in the radius of 3km	P	No settlements are present close to the area	F	The nearest settlements located about 500-600 m to the west.	F	The nearest settlements located about 500-600 m to the south	P	Pavleshenci village – 1,500m to the west.	P	Settlements are present in more than 1,5 km distance	P	The closest settlement is the village of Sarcievo 1.8 km to the west.	P	Spanchevo village is located at about 700-1000 m south east	P	No residential areas in the vicinity.	P	No settlements or individual houses are present in radius of 1km	P	Closest houses in more than 2 km
Criterion EC9 - Minimum distance from archaeological and cultural monuments, 0,5 km	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	No archaeological sites in the site vicinity. The closest archaeological site Bargala (Byzantine fortified town from 4th - 6th century) is located about 2 km to the east	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent
Criterion EC10 - Minimum distance from military installations, 1 km	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent
Criterion EC11 - Minimum distance from airports 3 km	P	Non existent	P	There might be a sport airport but not that close to the site	P	There might be a sport airport but not that close to the site	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent	P	Non existent